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\\\\\\\\\\ WORLDWIDE UTE NEWS Club \\\\\\\\\\\

\\\\\\\\\\ An Electronic Club Dealing Exclusively in Utility Stations \\\\\\\\\\\

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>From your Electronic Editor:

* Welcome to another issue of the single largest source of utility station information and the most widely quoted utility station publication in the world...the WUN Newsletter.

I hope you enjoy reading this edition;

But as you will see, many of the Columns are very much shorter than usual and some are missing completely! That is because of lack of input!!

The Column Editors do their best to produce a Column each month but many are finding it difficult to do so as they do not have sufficient contributions; and we cannot expect them to do all the work themselves! A Column depends on input from WUN Members: no input means no Column!!

So please, support your Column Editors - whatever your particular interests might be. They need your support if we are to keep the Columns going! Which reminds me; whatever happened to the Aero Column? !!!

The Newsletter and the Columns are only as good as your input so please let us hear from you!

Thank You.

Bill Lawrie.

WHAT'S INSIDE:

- o Digital Review by Day Watson
- o Military/Government Channel Designator List by Larry van Horn
- o Nautical News by Robert Maskill

- o Numbers & Oddities by Ary Boender & Chris Smolinski
- o WUN Logs Column by Eddie Bellerby & TEAM LOGS

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0101100010110001011000001110011000101100110110001100110011010000100011
0011100010010101001100110101100101000011011000011101100000011101100100
01001101# DIGITAL #00011110010100001101010010100011010111000000111001
1000100101111010100100011010010010100110100011010001101000011010011100
0111000111001110000110000111100000100101011001001010111010100011100011
001000101010110100000111000111# REVIEW #0000010111001110001101000101
0101001011000011101100010110001100110100010110000111011000101100001110
0000110100101010110101011010000100101001101001010101010100010101010001
01001011111100001000101010011001100011101100010# COLUMN #110001
11000110101001010100101010010001110110000101100101001101011000
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- Editor: Day Watson E-mail: jdwatson@blueyonder.co.uk
- Nickname on IRC channel #monitor DayW

Hi digi WUNners

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|-----------------------|---------------------------------|
| The menu | |
| Met | Bracknell Met |
| Military | Humpty Doo |
| National Governmental | Moroccan Gendarmes - ID changes |
| Techi Tips | MIC inputs to soundcards |

>>....Met.....>

::: Bracknell Met

To those WUNners who still log the station as Bracknell Met be advised that it isn't Bracknell.

In days gone by the UK Met Office, located at Bracknell, 20-30 miles west of London, and then part of the Air Ministry or Mod(Air) broadcast FAX (GFA/GFE) and RTTY (GFL) using RAF transmitters. Time went on and the RAF no longer had a need for these transmissions on HF.

However the Royal Navy still wanted a FAX broadcast. So they had to supply the kit. The scanning comes from the Fleet Weather and Oceanographic Centre down the hole (a MoD concrete underground bunker) at Northwood, W London and the transmitters used, I believe, were originally at Bodmin Moor (I think these were owned by British Telecom) in SW England. This has now changed and transmission takes place from the RN Tx site at Inskip in the NW of England. Scanning still comes from Northwood so you should log as RN Northwood or FWOC Northwood.

Bracknell hasn't been responsible for any HF broadcasts for a number of years. In fact the UK Met Office, now a self financing Govt Agency, outgrew the available real estate in Bracknell so that last October they moved lock, stock and barrel to a nice new custom-built building away from the near London area and down to Exeter in SW England.

Most of the FAX frequencies (2618.5/4610/8040/11086.5) used by the RN are the original ones used by the GFA/GFE transmissions which seems to give rise to this confusion.

>>....Military.....>

::: Humpty Doo

WUN-v10

Following the comments on the [WUN] list recently re this Australian communication site 47 Km from Darwin, Northern Territory, thanks to Eddy Waters who kindly supplied a list of frequencies pertaining to that site.

Since then research and cross-checking with the Australian Communications Authority (ACA) databases has resulted in some upgrading of that list. It would appear there are a number of sites in the Humpty Doo area supporting Department of Defence, commercial and broadcasting transmissions.

These are licensed frequencies. It does not mean that all are currently operational. However it should make for interesting listening both in that region and for DXer's. With a series of designations in use one can expect a variety of signal types. These are reported to include Mil.Std -110A and -141A(ALE)

Note that the associated receiving station for Humpty Doo is located at Shoal Bay on the outskirts of Darwin.

Thanks also to John Volpato for the URL:
<http://www.boeing.com.au/Maps/SiteMapNT.htm>
 which gives further details of the current upgrading of military comms in Australia.

Freq	Csgn	User	Desig
1647	-	Antenna Broadcasting TV and Radio Pty	A3E
2145	VZD800	RAN	B9W
2145	VZD800	RAN	J3E
2275	VL6DEF	RAN	J3E
2296	VHM	DoD	B9W
2776	VHM	DoD	B9W
2843.5	VHM	DoD	H9W
3328	VHM	DoD	B9W
3348	VHM	DoD	B9W
3701.5	AXH	DoD	H9W
3888	AXAA	DoD	F1A
3996.5	VKS737	Australian National 4WD Radio Network Inc	J3E
4083	AXAN	DoD	J3E
4225	AXAN	DoD	J7B
4226.5	AXAN	DoD	J7B
4297	AXAN	DoD	F1A
4304	VHM	DoD	B9W
4310	AXAN	DoD	B7B
4310	AXAN	DoD	F1A
4344	AXAN	DoD	F1A
4349.4	AXAN	DoD	F1B
4526	AXAA	DoD	N0N
4601.5	AXAN	DoD	J3E
4624	AXAA	DoD	F2A
5050	VKD963	Aboriginal Resource and Development Svcs Inc	A3E
5175	VHM	DoD	B9W
5195	VHM	DoD	B9W
5291.5	VJD378	Integrated Technical Svcs Pty	J3E
5456.5	VKS737	Australian National 4WD Radio Network Inc	J3E
5470	-	DoD	G1d
5791	VHM	DoD	B9W
5820	VHM	DoD	B9W
5879.5	VHM	DoD	H9W
5911.5	VL8HF	Alan A Watt	J3E
6224	AXAN	DoD	J3E
6347	AXAA	DoD	F1A
6378	VZD800	DoD	B9W
6391.5	AXAN	DoD	F1A
6420	AXAA	DoD	F1A
6442	VHM	DoD	B9W
6449.5	AXAN	DoD	A1A
6510	VZD800	RAN	J3E

WUN-v10

6879	AXAA	DoD	F2A
6936	AXAA	DoD	F2A
6975	AXAA	DoD	F2A
7320	VHM	DoD	B9W
7335	AXAA	DoD	B9W
7560	VHM	DoD	B9W
7594.0	VJD378	Integrated Technical Svcs Pty	J3E
7597.5	VJD378	Integrated Technical Svcs Pty	J3E
7690	AXAA	DoD	A9B
7700	AXAA	DoD	F1A
7750	VHM	DoD	B9W
7870	-	DoD	G1d
8023.5	VKS737	Australian National 4WD Radio Network Inc	J3E
8056	VHM	DoD	B9W
8122	VZD800	RAN	J3E
8297	AXAA	DoD	J3E
8463	AXAA	DoD	F1A
8512.8	AXAN	DoD	F1A
8554	AXAN	DoD	A1A
8557	VZD800	RAN	B7B
8560	-	RAN	J7B
8614	AXAA	DoD	F1A
8622	AXAN	DoD	F1b
8755	AXAN	DoD	J3E
9050	VHM	DoD	B9W
9150	VHM	DoD	B9W
9307.5	VJD378	Integrated Technical Svcs Pty	J3E
9311.5	VJD378	Integrated Technical Svcs Pty	J3E
9341.5	VHM	DoD	H9W
9395	VZD800	RAN	B9W
9412	VHM	DoD	B9W
10105	VHM	DoD	B9W
10213.5	VHM	DoD	H9W
10216.5	AXH	DoD	H9W
10333	AXAA	DoD	F1A
10407	-	DoD	G1d
10512	VHM	DoD	B9W
10518	VHM	DoD	B9W
10595	VZD800	RAN	B9W
10847.2	VHM	DoD	B9W
10921	VHM	DoD	B9W
11121.5	AXAA	DoD	J3E
11145	VZD800	RAN	B9W
11165	VHM	DoD	B9W
11402.5	VHM	DoD	H9W
11481	VHM	DoD	B9W
11524	AXAA	DoD	B9W
11610.5	VJD378	Integrated Technical Svcs Pty	J3E
11613.5	VKS737	Australian National 4WD Radio Network Inc	J3E
12060	VHM	DoD	B9W
12173.5	VHM	DoD	H9W
12176.5	VHM	DoD	H9W
12269	AXAN	DoD	J3E
12347	VZD800	RAN	J3E
12359	AXAN	DoD	J3E
12695	AXAA	DoD	F1A
12727.5	AXAN	DoD	F1A
12750	AXAN	DoD	F1A
12801.5	AXAA	DoD	F1A
12812	VZD800	RAN	B7B
12876	VHM	DoD	B9W
13116	AXAN	DoD	J3E
13194	VZD800	RAN	J3E
13430	AXAA	DoD	B9W
13440	VHM	DoD	B9W
13480	VHM	DoD	B9W
13831	VZD800	RAN	B9W
13872	AXAA	DoD	F2A

13950	AXAA	DoD	F2A
13965	VHM	DoD	B9W
14375	AXAA	DoD	B9W
14395	-	DoD	G1d
14516	AXAA	DoD	B9W
14645	VZD800	RAN	B9W
14675	AXAA	DoD	F1A
14687	VHM	DoD	B9W
14693	VHM	DoD	B9W
14790	VHM	DoD	B9W
14978.5	VKS737	Australian National 4WD Radio Network Inc	J3E
15635	AXAA	DoD	J3E
15650	AXAA	DoD	B9W
15696	VHM	DoD	B9W
15745	VZD800	RAN	B9W
15858	VHM	DoD	B9W
15963.5	VHM	DoD	H9W
16270	VHM	DoD	B9W
16462	AXAN	DoD	J3E
16525	VH5DOH	RAN	J3E
16995	AXAA	DoD	F1A
17002	VHM	DoD	B9W
17084	AXAN	DoD	F1A
17117	VZD800	RAN	B7B
17230.1	AXAN	DoD	J7B
17344	AXAN	DoD	J3E
17407	VH5DOH	RAN	J3E
17475	VHM	DoD	B9W
17515	AXAA	DoD	B9W
18408.5	VHM	DoD	J9W
18435	VHM	DoD	J9W
18522	VHM	DoD	B9W
18528	VHM	DoD	B9W
18694	VZD800	RAN	B9W
18780	VZD500	RAN	J3E
19035	AXAA	DoD	F1A
19060	VHM	DoD	B9W
19150	VZD800	RAN	B9W
19410	AXAA	DoD	F1B
19715.5	VZD800	RAN	J7B
19717	VZD800	RAN	F1B
19737	VZD800	RAN	F1B
19739.5	VZD800	RAN	J7B
19745.5	VZD800	RAN	J7B
19747	VZD800	RAN	F1B
19755	VZD500	RAN	J3E
19920	AXAA	DoD	A9B
19965	AXAA	DoD	F1A
20420	VHM	DoD	B9W
20550	VHU	DoD	B9W
20550	VZD800	RAN	B9W
20663.5	VHM	DoD	H9W
20915	AXAA	DoD	B9W
20931	VHM	DoD	B9W
20937	VHM	DoD	B9W
20945	-	DoD	G1d
21500	-	DoD	N0N
22012	AXAN	DoD	J3E
22156	VZD500	RAN	J3E
22449	VHM	DoD	B9W
22464	AXAN	DoD	F1A
22566.5	AXAA	DoD	F1B
22621.5	AXAA	DoD	F1B
22639.5	VZD800	RAN	B7B
22658	AXAN	DoD	A1A
22672	AXAN	DoD	J7B
22708	AXAN	DoD	J3E
22852	VZD500	RAN	J3E

22869.5	VHM	DoD	H9W
23589	VHU	DoD	B9W
23589	VZD800	RAN	B9W
23909	AXAA	DoD	B9W
24210	VHM	DoD	B9W
24420	VZD800	RAN	B9W
25091	VZD500	RAN	J3E
25457	VHM	DoD	B9W
25515	VZD800	RAN	B7B
25535	AXAN	DoD	F1B
26139	VZD800	RAN	J7B
26141	VZD800	RAN	F1B
26166	VZD500	RAN	J3E
26398	VHM	DoD	H9W
26841	AXAA	DoD	B9W

DoD Department of Defence
RAN Royal Australian Navy
Integrated Technical Services Pty of Darwin
[<http://www.integ.com.au>]
Australian National 4WD Radio Network Inc
[<http://www.vks737.on.net>]
Aboriginal Resource and Development Services Inc
[<http://www.ards.com.au/>]
Alan A Watt - no info.

>>...National Governmental.....>

::: Moroccan Gendarmes - ID changes

Those monitoring the ALE on 5500 6922 7300 7635 8942 9285 10590 and 10900 may have noted a change of ID. Monitoring has not yet gone on long enough but appears may be occurring at periods of less than two weeks. Changes were noted (monitoring from 31/Dec) on the 11/Jan (somewhat staggered or disjointed) and on 20/Jan.

In addition the ID structure on the 20/Jan changed from the previous letter/fig/letter combination (eg K8F P4N) moving to fig/letter/letter 2WT 3VD 4AA 5FI 7UD.

In all just the thing to confuse the monitor.

>>...Techi Tips.....>

::: MIC inputs to soundcards

A few notes on this input. General advice is to use the LINE IN sockets. MIC inputs can easily be overloaded. This in turn means distortion, and distortion of the signal means a deterioration in the ability of the decoder to work correctly.

However, sometimes one has no option but to use the MIC input; for example on a laptop or notebook. These have limited audio resources and are likely only to offer a MIC input rather than a LINE IN, or both as in the case of the desktop PC's PCI soundcard.

LINE IN sockets are invariably stereo 3.5mm. But what of the MIC? At your scribe's location the laptop has a mono MIC socket, as documented. But a recently purchased (cheap off the shelf) microphone came fitted with a 3.5mm stereo jack. why? - since the microphone was itself found to be mono. That microphone on the other hand worked in the desktop PC's soundcard MIC input - apparently stereo - a point never previously being considered other than mono.

Moral of the story - do check your documentation.

>>....Signoff.....>

That's it folks - enjoy another month's monitoring and hope to see you at the end of it - regards Day

Government and Military Monitoring
By Larry Van Horn, N5FPW
Brasstown, NC

Welcome to the February 2004 Mil/Gov column. Without further ado let's get to work.

+++++

CAMSLANT History
For several months now I have seen a couple of different locations listed for NMN CAMSLANT. Wanting to get it right I consulted the US Coast Guard website at the URL listed below:
<http://www.uscg.mil/lantarea/camslant/station.htm>

They call NMN CAMSLANT Chesapeake.

USCG Pacific Skeds
Speaking of the Coast Guard Ron Perron copied this broadcast at 2125 UTC on 22376.0 in Sitor-B mode:

NMC/NMO GMDSS SITOR FEC BCST FREQS
NMC/NMO TRANSMIT: 8416.5 KHZ H24, 12579 KHZ H24, 22376 KHZ
(1730-0330Z)

GMDSS SITOR ON-CALL WORKING FREQS:
NMC/NMO ASSIGNED FREQS / SHIP ASSIGNED FREQS
8429.5 KHZ / 8389.5 KHZ H24
12589.0 KHZ / 12486.5 KHZ H24
22389.5 KHZ / 22297.5 KHZ (1730-0330Z)

NOTE: CARRIER FREQ IS LOCATED 1.7 KHZ BELOW THE ASSIGNED FREQ

WX BCST: 0130, 0430, 0730, 1330, AND 2030 UTC

HYDROPAC BCST: 0630 AND 2230 UTC

NAVAREA XII BCST: 0330 AND 1730 UTC

NAVTEX: TRANSMIT 518 KHZ

WX AND NTM: 0040, 0440, 0840, 1240, 1640, AND 2040 UTC

IF THERE ARE ANY QUESTIONS OR COMMENTS REGARDING SERVICE PROVIDED BY THIS STATION, PLEASE WRITE TO:

COMMANDING OFFICER

U.S. COAST GUARD COMMUNICATION AREA MASTER STATION PACIFIC
BOX 560

PT REYES STATION, CA 94956-0560

PHONE: (415) 669-2047

FAX: (415) 669-2096

BT

DE NMC/NMO VA

Thanks for sharing that with us Ron.

USSTRATCOM Listings

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US Strategic Command (USSTRATCOM) tactical calls and frequencies. Here is a list of some of the USSTRATCOM tactical callwords and frequencies mentioned this past month by Jeff Haverlah and the gang.

Callwords: Backfire, Back Stretch (NAOC), Cigar Box (GEP), Cola Hut (GEP), Colonial, Cork wood (EAM), Dumpling, Fairness (NAOC), Fish Net (EAM), Fuse Box (EAM), Goodrich (EAM), Headliner (EAM), Headress (EAM), Home Brew, Ice House (EAM), Lunch Box (NAOC), Mill Pond (NAOC-EAM), Nominate, Overload, Override (NAOC-EAM), Parchesi (EAM), Pettibone, Post Card (EAM), Parts Kit, Populate (EAM), Room Rent, Sam Worth (NAOC), Sandstone, Skylight, Staff Car, Twilight (EAM), Wire Rope (EAM), Zip Gun

Frequencies: 6697.0 8992.0 11175.0 11244.0 13155.0

 Government/Military Logs

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 Contributors: Rick Baker, Leif Dehio, Robert CC Hall, Kristian K., Michael Lacroix, Murray Lehman, Jack Metcalfe, Maciej Muszalski, Ron Perron, Patrice Privat, Jim (RGA), George Toth, Day Watson

Military Logs

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 2362.0 Czech Republic Military CW
 2461.5 Irish Navy SITOR-A
 2598.0 Ukranian Military CW
 2617.0 UK Royal Navy GYA-Northwood FAX 120/576
 2670.0 US Coast Guard NMN80-Group Hampton Roads, VA/NMN70-Group Eastern Shore, Chincoteague, VA USB
 2710.0 Lithuanian Military USB/ALE
 2800.0 Israeli Navy 4XZ-Haifa, Israel CW
 2815.0 MATO Ship-to-shore KG-84 850/75
 3137.0 US Air Force HF-GCS ALE Net USB/ALE
 ADW-Andrews AFB/JDG-Diego Garcia/CRO-Croughton AB/IKF-Keflavik/PLA-Lajes AB/ICZ-NAS Sigonella
 3166.0 Russian Military 81-81 250/81
 3207.0 Russian Military CW
 3211.0 Russian Military CW
 3217.0 Russian Military //3393.0 CW
 3383.0 Dutch Navy PBC-Goree Island Baudot 850/75
 3390.0 UK Royal Navy MGJ-Faslane RTTY 850/75
 3393.0 Russian Military //3217.0 CW
 3480.0 Russian Military 81-81 520/40.5
 3764.5 Dutch Navy PBB-Den Helder RTTY 850/75
 3782.0 NATO CTP-Oeiras Palhais, Portugal RTTY 850/75
 3824.0 UK Military HFB-Probable Hereford USB/ALE
 4154.0 Spanish Military Navy RTTY 850/100
 4179.0 Russian Air Force REA4-HQ Moscow CW
 4194.5 Russian Military 81-81 250/81
 4232.0 French Navy FUF-Fort de France, Martinique RTTY 850/75
 4235.0 US Coast Guard NMF-Boston, MA FAX 120/576
 4270.7 Canadian Forces CFH-Halifax, NS RTTY 850/75
 4271.0 Brazilian Navy PWX-Rio de Janeiro RTTY 850/200
 4331.0 Israeli Navy 4XZ-Haifa, Israel CW
 4426.0 US Coast Guard NMN-CAMSLANT Chesapeake, VA USB
 4670.0 US Air Force 86OPS-Ramstein, Germany 86th Airlift Wing USB/ALE
 4721.0 US Air Force HF-GCS ALE Net USB/ALE
 5092.0 French Air Force FDI8-Nice, France RTTY 85/50R
 5159.0 Israeli Navy 4XZ-Haifa, Israel CW
 5220.0 Singapore Naval Force 207-Amphib Vessel Endurance w TF1/NCS (HQ) USB/ALE
 5406.0 Venezuelan Army Region 5 USB/ALE
 5438.0 Russian Military 36-50 200/50
 5687.0 German Air Force DHM91-Munster USB
 5696.0 US Coast Guard Air-to-Ground, CAMSLANT Chesapeake/NMN37-Group Fort Macon USB
 5702.0 US Air Force SIPRNet PLASPR-Lajes AB, Azores USB/ALE
 5708.0 US Air Force HF-GCS ALE Net USB/ALE
 US Navy ICZ-NAS Sigonella, Italy/US Navy JNR-Salinas,

Puerto Rico
 5787.0 Venezuelan Army Region 3 USB/ALE
 6501.0 US Coast Guard NMN-CAMSLANT Chesapeake, VA USB
 6650.0 US Air Force 860PS-Ramstein, Germany 86th Airlift Wing
 USB/ALE
 6715.0 US Air Force SIPRNet JNRSPR-Salinas, Puerto Rico, HAWSPR-
 Ascension Island, ICZSPR-Sigonella USB/ALE
 6721.0 US Air Force HF-GCS ALE Net USB/ALE
 MPA-Mt. Pleasant, Falklands
 6753.0 Canadian Forces MACS Volmet Trenton USB
 6783.0 UK Royal Navy GYA-Northwood RTTY 850/75
 7018.0 Russian Air Force REA4-HQ Moscow CW
 7342.0 Polish Military Forces Mil-188-141A USB/ALE
 7602.0 Brazilian Navy USB/ALE
 Civil Air Patrol USB/ALE
 7728.0 Polish Military USB/ALE
 7850.0 French Air Force FDI8-Nice, France CW
 7866.0 Russian Military MS-5/4800/DPSK/USB
 7925.0 US Air Force 860PS-Ramstein, Germany 86th Airlift Wing
 USB/ALE
 7992.3 US Navy MARS PACTOR-1
 8057.0 Polish Military USB/ALE
 8300.0 French Navy 6WW-Dakar, Senegal RTTY 850/75
 8303.0 Argentine Navy LOR-Puerto Belgrano RTTY 170/75
 8453.9 French Navy FUG-La Regine RTTY 850/75
 8475.5 French Navy FUX-Le Port, Reunion 850/75
 8479.0 French Navy FUF-Fort de France, Martinique RTTY 850/75
 8625.9 UK Royal Navy GYU-Gibraltar Baudot 850/75
 8764.0 US Coast Guard NMN-CAMSLANT Chesapeake, VA/NMO COMSTA
 Honolulu USB
 8858.0 Israeli Air Force USB/ALE
 9025.0 US Air Force HF-GCS ALE Net USB/ALE
 US Air Force PLA-Lajes AB, Azores
 10912.0 French Air Force FDI8-Nice, France CW
 10918.6 French Navy 6WW-Dakar, Senegal RTTY 425/50
 10946.3 Canadian Forces CFH-Halifax, NS RTTY 850/75
 10996.0 French Air Force FDI22-Narbonne CW
 11045.0 T3E working OOS USB (This is a USCG Shi-Shore assignment-
 LVH)
 11226.0 US Air Force HF-GCS ALE Net USB/ALE
 US Air Force MCC-McClellan, CA
 12666.5 French Navy FUG-La Regine, France RTTY 860/75
 12669.0 Argentine Navy LOR-Puerto Belgrano RTTY 170/75
 12824.9 UK Royal Navy GYU-Gibraltar Baudot 850/75
 13032.0 French Navy FUF-Fort de France, Martinique RTTY 850/75
 13215.0 US Air Force HF-GCS ALE Net USB/ALE
 HAW-Ascension, PLA-Lajes AB, GUA-Guam, JTY-Yokota, MPA-
 Falklands, IKF-NAS Keflavik, Iceland
 13538.0 South African Navy ZSJ-Silvermine FAX 120/576
 13944.0 French Forces RFQP-Djibouti ARQ-E3 400/100
 13986.7 French Military RFFA-MOD Paris ARQ-E3 192bd
 15043.0 US Air Force HF-GCS ALE Net USB/ALE
 15082.0 US Coast Guard TISCOM Net USB/ALE
 15920.0 Canadian Forces CFH-Halifax, NS RTTY 850/75
 16806.5 US Coast Guard NMC-Point Reyes, CA SITOR-B
 16819.5 US Coast Guard NMN-CAMSLANT Chesapeake, VA SITOR-A
 16951.6 French Navy 6WW-Dakar, Senegal RTTY 850/75
 16986.0 NATO CTP-Oeiras Palhais, Portugal RTTY 850/75
 17146.7 US Coast Guard NMG-New Orleans, LA FAX 120/576
 17151.2 US Coast Guard NMC-CAMSPAC Point Reyes, CA FAX 120/576
 18003.0 US Air Force HF-GCS ALE Net USB/ALE
 US Navy ICZ-NAS Sigonella, Italy
 18089.0 Russian Military 81-81 230/81
 18238.0 South African Navy ZSJ-Silvermine FAX 120/576
 18367.0 NATO Ship-to-Shore STANAG-4285/2400/USB
 18764.0 Russian Military 36-50 190/50
 19216.7 French Forces RFLI-Firt de France, Martinique ARQ-E3
 380/192

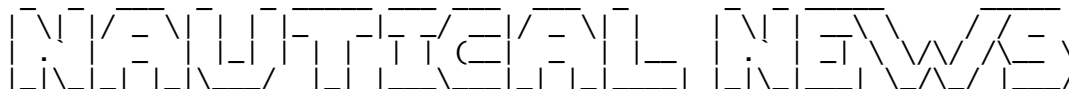
19320.0 Singapore Naval Force 207-Amphib Vessel Endurance w TF1/NCS
(HQ) USB/ALE
20555.0 French Military RFFX-MOD Paris ARQ-E3 184.6bd
20615.0 Russian Navy RCF-Moskva RTTY 500/75
23337.0 US Air Force HF-GCS ALE Net USB/ALE
Civil Air Patrol RIC-NTC Richmond, VA/US Air Force MPA-Mt.
Pleasant, Falkland Islands/US Navy JDG-NAS Diego Garcia/US
Navy JNR-Salinas, Puerto Rico
23376.0 Russian Navy RCV-Black Fleet Headquarters Sevastopol,
Ukraine CW

Government Logs

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5075.0 Albanian MOI USB/ALE
6600.0 Italian Guarfi Net USB/ALE
7675.0 Chinese Diplo USB/ALE
7740.0 French Diplo LECAIRE-Embassy Cairo, Egypt, CER41-Paris Mil-
188-141A USB/ALE
8095.0 Romanian Diplo CENTR8-MFA Bucharest USB/ALE
9052.0 French Diplo LECAIRE-Embassy Cairo, Egypt USB/ALE
9115.0 Romanian Diplo CENTR5-MFA Bucharest USB/ALE
10000.0 Romanian Diplo CENTR2-MFA Bucharest USB/ALE
10247.3 French Secret Service 8BY CW
10825.0 French Diplo LECAIRE-Embassy Cairo, Egypt, CER41-Paris,
Beyrouth, Lebanon USB/ALE
14363.0 Romanian Diplo CENTR7-MFA Bucharest USB/ALE
14606.0 Albania Ministry Mil-188-141A ALE
14680.0 Romanian Diplo CENTR6-MFA Bucharest USB/ALE
14931.0 French Secret Service 8BY CW
15758.7 India Diplo 8WA40-Embassy Phnom Penh RTTY 170/50
15760.0 India Diplo 8WD36-MFA New Delhi RTTY 170/50
18183.4 Algerian Diplo Yaounde Coquelet-8 37.5bd
18223.7 Egyptian Diplo MFA Cairo SITOR-A
18571.7 Tunisian Diplo SITOR-B
19320.0 Czech Republic Diplo OLZ88-MFA Prague Mil-STD 181-141A ALE
19323.0 Czech Republic Diplo OLZ-MFA Prague Mil-STD 181-141A ALE
19636.0 French Diplo LECAIRE-Embassy Cairo, Egypt USB/ALE
20330.0 Romanian Diplo CENTR8-MFA Bucharest USB/ALE
20340.0 Algerian Diplo MAE-MFA Algiers USB/ALE
20455.0 Czech Republic Diplo OLZ84-? Mil-STD 181-141A ALE
20616.0 French Diplo LECAIRE-Embassy Cairo, Egypt, CER41-Paris
USB/ALE
20946.0 French Secret Service 8BY CW

Until next time, 73 and good hunting - Larry.

The logo consists of the words 'NAUTICAL NEWS' in a stylized, outlined font. The letters are formed by a series of connected lines, giving it a technical or digital appearance. The 'N' and 'S' are particularly large and prominent.

Utility Monitoring in the Maritime Bands

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Greetings to all WUN members.

It's been a busy month for me so the planned listening on HF did not happen. However, I have received a book on the history of Zenitel and the development of radio which has proved an interesting read.

I have also received permission from HMSO in the UK to reproduce on my web site a copy of the 1979 Notice to Ships wireless Stations issued by the British Post Office, So that's kept me amused scanning it and deciding which parts to use. It gives an interesting insight into the British maritime scene at the end of the 1970's.

Now on to the only contribution for this month, but as it's one more than last month who am I to complain!

Olympia Radio - Callsigns and frequencies

Further to the comments on the [WUN] list earlier in the month:

HF RT channels [/USB]:

Olympia Callsign	Radio Freq	Ship Freq	ITU Chan		
SV021	4393	4101	413		
SV022	4399	4107	415		
SV023	4426	4134	424		
SV024	4429	4137	425		
SV031	6501	6200	601		
SV032	6507	6206	603		
SV041	8716		837		
SV042	8722	8198	802		
SV043	8734	8210	806	&	
SV044	8740	8216	808		
SV045	8743	8219	809		
SV046	8758	8234	814		
SV047	8773	8249	819		
SV048	8776	8252	820	#	
SV051	13080	12233	1202		
SV052	13095	12248	1207		
SV053	13110	12263	1212		
SV054	13134	12287	1220	#	&
SV055	13170	12323	1232		&
SV056	13194	12347	1240		
SV061	17251	16369	1604		
SV062	17266	16384	1609		
SV063	17290	16408	1617		
SV064	17305	16423	1622		
SV065	17314	16432	1625		
SV066	17317	16435	1626		
SV067	17326	16444	1629	&	
SV068	17341	16459	1634	#	
SV069	17359	16477	1640		&
SV0611	17389	16507	1650		
SV0612	17404	16522	1655		
SV0613	19779	18804	1809		
SV071	22720	22024	2209	#	&
SV072	22723	22027	2210		&

			WUN-v10	
SV073	22744	22048	2217	&
SV074	22750	22054	2219	
SV075	22765	22069	2224	
SV076	22786	22090	2231	&
SV077	22792	22096	2233	
SV078	22807	22111	2238	
SV081	26163	25088	2507	
SV082	26166	25091	2508	

Traffic lists every even hour + 05, and press bulletins at 1145 and 1945.

& Channels watched for calls outlined in the station announcements e.g. "This is Olympia Radio. Call us on channels 806 1220 1232 1629 1640 2209 2210 2217 and 2231." (Thanks Tom)

HF telex (Sitor) channels:

Olympia Callsign	Radio Freq	Ship Freq	ITU Chan			
SV025	4213	4175	406			
SV026	4214.5	4176.5	409			
SV02	4216	4178.5	413	#		
SV033	6320.5	6269.5	614			
SV034	6321.5	6270.5	616	#		
SV03	6325.5	6274.5	624			
SV049	8421.5	8381.5	811			
SV0491	8423	8383	814			
SV04	8424	8384	816	#	*	+
SV057	12587	12485	1217			
SV058	12590.5	12488	1223			
SV05	12603.5	12501	1249	#	*	
SV0614	16815	16691.5	1617			
SV0615	16818	16694.5	1623			
SV06	16830.5	16707.5	1649	#	*	
SV079	22384.5	22292.5	2217			
SV07	22387.5	22295.5	2223	#	*	
SV0791	22400.5	22308.5	2249			

Traffic lists every even hour + 05 (in fec)

* Press bulletins at 0600 1300 2100 (in fec)

+ Weather in Greek and English at 0930 1230

& Watch keeping as indicated by channel free marker.
Olympia's selcall is 1780 / XYFV

Thanks to Vol's 1 and 3 of current ALRS.

My thanks to Day Watson for this information.

Portishead Radio web site

<http://www.gka.btinternet.co.uk/>

A few months ago I mentioned this web site that is looked after by Larry Bennett, well Larry has had a house move and also been ill, so updates are promised soon. However, even before the updates it is an interesting

site and well worth a visit, giving an insiders account of the station.
Finally.....

There seems to have been very little reported of the last MF CW transmissions from Italian Coastal Stations recently. If you heard or especially managed to record the final transmissions then would love to receive details from you

That's all for this month, as always contact details are at the top of the first page and ALL contributions are most welcome....

73 de Robert G4PYR

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# NUMBERS & ODDITIES #
////////////////////////////////////\
- Editor: Ary Boender          *****          e-mail: ary@luna.nl -
- Nickname on IRC channels #wun #monitor #numbers: Ary-B -
-
- Download the complete N&O newsletter from the N&O web site -
- at: http://home.luna.nl/~ary/ -
-
- Online database: Chris Smolinski <csmolinski@erols.com> -
- http://www.spynumbers.com/numbersDB/ -
////////////////////////////////////\

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--::: N&O #69, January 2004 :::--

Hello and welcome to the first N&O in 2004. Let's begin this issue with an interesting website. www.radiojamming.info is the website of Rimantas Pleykis and has many very nice pictures of former Soviet jammer stations.

"Alphavax" and "MyticOne" supplied us with an extensive E10 schedules overview. You can find them in the Voice section.

Mathias Kropf's annual press release arrived just after the December dead line. We learn from his report that the total broadcasting hours of the various clandestine stations has decreased, but do the jammers know this too???

2003 Clandestine Activity Survey

The activity of political clandestine stations broadcasting on shortwave has remained almost unchanged from one year ago and is now at 1718 weekly Broadcasting Hours (WBHs), down 14 WBHs from the previous year.

Clandestine activity to target areas on the Asian continent has increased by 8% to 1415 WBHs. On the African continent activity has dropped by 48% to 125 WBHs. Activity to America and Oceania has remained unchanged at 162 and 16 WBHs respectively.

The number of active target areas (countries) worldwide has decreased by one to 21. When compared to one year ago, Kazakhstan, Cambodia, South Korea and Somalia are no longer active, while Saudi Arabia, Lebanon and Uganda are new or reactivated target areas.

The three most active target areas worldwide are Iraq with 748 WBHs (+252 when compared with one year ago - the highest activity to a single target area since this survey was started back in

WUN-v10

1986), North Korea with 217 WBHs (unchanged) and Afghanistan with 189 WBHs (+52).

End of press release

-0-0-0-0-0-0-0-0-0-0-

* VOICE STATIONS *

::: E03 / E04

The id's were as usual compiled by Al and Tomonori. Thanks gents!

Lincolnshire Poacher E03
IDs as of January 1st, 2004

UTC	Mon	Tue	wed	Thu	Fri	Sat	Sun	UTC
1200	87328	87328	87328	87328	87328	87328	87328	1200
1300	73507	73507	73507	73507	73507	73507	73507	1300
1400	65229	87965	82515	72904	87328	87133	63142	1400
1500	63142	65229	87965	82515	72904	87328	93195	1500
1600	93195	63142	65229	87965	82515	72904	87133	1600
1700	87133	93195	63142	65229	87965	82515	87328	1700
1800	87328	87133	93195	63142	65229	87965	72904	1800
1900	72904	73507	87133	73507	63142	65229	73507	1900
2000	73507	87328	73507	93195	73507	63142	82515	2000
2100	82515	72904	87328	87133	93195	73507	87965	2100
2200	87965	82515	72904	87328	87133	93195	65229	2200

IDs as of January 15th, 2004

UTC	Mon	Tue	wed	Thu	Fri	Sat	Sun	UTC
1200	18457	18457	18457	18457	18457	18457	18457	1200
1300	47609	47609	47609	47609	47609	47609	47609	1300
1400	40125	62862	41062	71294	18457	05282	16429	1400
1500	16429	40125	62862	41062	71294	18457	89269	1500
1600	89269	16429	40125	62862	41062	71294	05282	1600
1700	05282	89269	16429	40125	62862	41062	18457	1700
1800	18457	05282	89269	16429	40125	62862	71294	1800
1900	71294	47609	05282	47609	16429	40125	47609	1900
2000	47609	18457	47609	89269	47609	16429	41062	2000
2100	41062	71294	18457	05282	89269	47609	62862	2100
2200	62862	41062	71294	18457	05282	89269	40125	2200

Cherry Ripe E04
IDs as of Jan 2nd, 2004

UTC	Sun	Mon	Tue	wed	Thu	Fri	UTC
0000					07066	98523	0000
0100					98523	XXXXX	0100
1000							1000
1100					68357	72822	1100
1200					72822	60511	1200
1300					60511	09663	1300
1400							1400
2200				09663	72822		2200
2300				72822	07066		2300

IDs as of Jan 9th, 2004

UTC	Sun	Mon	Tue	wed	Thu	Fri	UTC
0000		60511	09663	XXXXX	07066	98523	0000
0100		XXXXX	72822	07066	98523	04187	0100
1000		72822	XXXXX	XXXXX	XXXXX	XXXXX	1000
1100		07066	XXXXX	XXXXX	XXXXX	72822	1100
1200		XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	1200
1300		XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	1300
1400							1400

WUN-v10

2200	68357	XXXXX	60511	XXXXX	XXXXX	2200
2300	72822	60511	09663	72822	07066	2300

IDs as of Jan 16th, 2004

UTC	Sun	Mon	Tue	wed	Thu	Fri	UTC
0000		60511	09663	72822	28136	60619	0000
0100		09663	72822	07066	60619	18881	0100
1000		XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	1000
1100		XXXXX	XXXXX	04187	XXXXX	20503	1100
1200		XXXXX	XXXXX	68XXX	XXXXX	XXXXX	1200
1300		XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	1300
1400							1400
2200	68357	72822	60511	44797	20503		2200
2300	72822	60511	09663	20503	28136		2300

<<<<>>>>

::: E10

Chris heard PCD1 at 0030 UTC on 20 January on 3150, 4270, and 6498 kHz.

A complete transcript from EZI was supplied by "Firefly" from Northern Australia.

"EZI" (repeated for two minutes)

Message Message

Group 66 Group 66

HFML FLWQU OHNVN SDLZK LKJDD NPHTF ZWWDZ LKUKZ TXPYC UTWNT NTAIN
 LHOCL ESFGI IKAXG MNXSN QMTOG MUDQI JZULA ALMDZ CXRJY AESPW ERBVE
 TAFRN UCQWW WONAP RMUWO DBGMA CHFZE LVOIJ ISBNO UICZQ JEHXN LAGEI
 KGEBO VBZEO FQNZL UUWLM FLNRR YJQKD ZYGCN MBOLA XFCUH JJMFL CXLCG
 QMKTG NBBLA ADLHY SDMMD LBMOG FLZDU NCBKK OHNML HKDAO RFPOA SKQBF
 KLBIU JKYLZ JPVLG LEWBK ABNIS QTTJQ XJDFD WAHAA TLIBX XVEWW JIIEM

End of Message

Repeat Repeat

Message Message

Group 66 Group 66

HFML FLWQU OHNVN SDLZK LKJDD NPHTF ZWWDZ LKUKZ TXPYC UTWNT NTAIN
 LHOCL ESFGI IKAXG MNXSN QMTOG MUDQI JZULA ALMDZ CXRJY AESPW ERBVE
 TAFRN UCQWW WONAP RMUWO DBGMA CHFZE LVOIJ ISBNO UICZQ JEHXN LAGEI
 KGEBO VBZEO FQNZL UUWLM FLNRR YJQKD ZYGCN MBOLA XFCUH JJMFL CXLCG
 QMKTG NBBLA ADLHY SDMMD LBMOG FLZDU NCBKK OHNML HKDAO RFPOA SKQBF
 KLBIU JKYLZ JPVLG LEWBK ABNIS QTTJQ XJDFD WAHAA TLIBX XVEWW JIIEM

End of Message

End of Transmission

Thanks guys. Also a big "THANK YOU!" to "AlphaVax" and "MyticOne" for the E10 schedules. It took a lot of time and research but they did it!! Every schedule was checked and double checked.

Note that these are the daily schedules of the stations that are always on the air. The irregular stations are not listed because they pop up every now and then and do not have a fixed schedule.

-> ALPHA ROMEO TANGO (ART)

UTC	Frequencies	UTC	Frequencies
0000	3415 5435	0030	3415 5437
0100	-	0130	3415 5435
0200	3415 5435	0230	-
0300	-	0330	-
0400	5435 6986	0430	5435 6986
0500	3415 5435	0530	5435 6986
0600	5435 6986	0630	5435 6986
0700	5435 6986	0730	5435 6986
0800	5435 6986	0830	5435 6986

				WUN-v10	
0900	5435	6986	0930	-	
1000	5435	6986	1030	-	
1100	5435	6986	1130	5435	6986
1200	5435	6986	1230	5435	6986
1300	5435	6986	1330	5435	6986
1400	5435	6986	1430	5435	6986
1500	3415	5435	1530	3415	5435
1600	3415	5435	1630	3415	5435
1700	3415	5435	1730	3415	5435
1800	3415	5435	1830	3415	5435
1900	5435	6986	1930	5435	6986 1)
2000	3417	5435	2030	3415	5435
2100	3415	5435	2130	3415	5435
2200	3415	5435 2)	2230	3415	5435
2300	3415	5435	2330	3415	5435

1) 1930=0430 2) 2200=0100

-> ECHO ZULU INDIA (EZI)

UTC	Frequencies			UTC	Frequencies		
----	-----			----	-----		
0000	-			0030	-		
0100	6840	9130	11565	0130	6842	9130	11565
0200	6840	9130	11565	0230	6840	9130	11565
0300		9130	11565	0330	6840	9130	11565
0400		9130	11565	0430	9130	11565	13533
0500	11565	13533		0530	6840	9130	11565
0600	17410	19715		0630	9130	11565	
0700	9130	11565	13533	0730	11565	13533	
0800	-			0830	17410	19715	
0900	13533	17410		0930	17410	19715	
1000	11565	13533		1030	-		
1100	-			1130	11565	13533 4)	
1200	13533	15980		1230	13533	15980	17410
1300	13533	17410	19715	1330	15980	17410	
1400	19715	23740		1430	11565	13533	
1500	13533	15980		1530	17410	19715	
1600	11565	13533		1630	11565	13533	
1700	11565	13533		1730	9130	11565	13533 2)
1800	6840	9130	11565	1830	9130	11565	13533
1900	6840	9130	11565	1930	6840	9130	11565 5)
2000	9130	11565	13533 1)	2030	6840	9130	11565
2100	11565	13533		2130	6840	9130	11565 3)
2200	6840	9130	11565	2230	9130	11565	
2300	-			2330	6840	9130	11565

1) 2000=2200 2) 1730=2330 3) 2130=0130
 4) 1130=1800 5) 1930=0100

-> FOXTROT TANGO JULIET (FTJ)

UTC	Frequencies		UTC	Frequencies	
----	-----		----	-----	
0000	-		0030	-	
0100	2626	4461	0130	-	
0200	-		0230	-	
0300	2626	4461	0330	2628	4463
0400	4461	7358	0430	2626	4463
0500	4461	7358	0530	4463	7358
0600	4461	7358	0630	4461	7358
0700	4461	7358	0730	4461	7358
0800	4461	7358	0830	4461	7358
0900	4461	7358	0930	-	
1000	4461	7358	1030	4461	7358
1100	4461	7358	1130	-	

WUN-v10

1200	4461	7358	1230	4461	7358
1300	4461	7358	1330	4461	7358
1400	4461	7358	1430	4461	7358
1500	4461	7358	1530	2626	4461
1600	4461	7358	1630	2626	4461
1700	4461	7358	1730	2626	4461
1800	2626	4461	1830	2626	4461
1900	2626	4463	1930	2626	4461
2000	2626	4461	2030	2626	4461
2100	4461	7358	2130	2626	4461
2200	2626	4461	2230	-	
2300	2626	4461	2330	2626	4461

-> JULIET SIERRA ROMEA (JSR)

UTC	Frequencies		UTC	Frequencies	
----	-----		----	-----	
0000	-		0030	-	
0100	-		0130	-	
0200	-		0230	-	
0300	-		0330	2270	5091
0400	-		0430	-	
0500	-		0530	-	
0600	-		0630	-	
0700	-		0730	-	
0800	-		0830	-	
0900	-		0930	-	
1000	-		1030	-	
1100	-		1130	-	
1200	5091	7540	1230	5091	7540
1300	5091	7540	1330	5091	7540
1400	5091	7540	1430	5091	7540
1500	2270	5091	1530	5091	7540
1600	5091	7540	1630	2270	5091
1700	5091	7540	1730	2270	5091
1800	2270	5091	1830	2270	5091
1900	5091	7540	1930	2270	5091
2000	2270	5091	2030	5091	7540
2100	2270	5091	2130	2270	5091
2200	2270	5091	2230	2270	5091
2300	-		2330	-	

-> PAPA CHARLIE DELTA (PCD)

UTC	Frequencies			UTC	Frequencies		
----	-----			----	-----		
0000	3150	4270		0030	3150	4270	6498
0100	-			0130	-		
0200	-			0230	3150	4270	
0300	3150	4270		0330	4270	6498	
0400	3150	4270		0430	4270	6498	8805
0500	4270	6498		0530	4270	6498	
0600	-			0630	-		
0700	6498	8805		0730	6498	8805	
0800	6498	8805		0830	6498	8805	
0900	6498	8805		0930	6498	8805	
1000	6498	8805		1030	6498	8805	
1100	-			1130	6498	8805	
1200	-			1230	6498	8805	
1300	6498	8805		1330	6498	8805	
1400	4270	6498		1430	6498	8805	
1500	4270	6498		1530	6498	8805	
1600	4270	6498		1630	4270	6498	
1700	4270	6498	8805	1730	6498	8805	
1800	4270	6498	1)	1830	3150	4270	
1900	4270	6498		1930	3150	4270	

2000	3150	4270	2030	WUN-v10	3150	4270
2100	4270	6498	2130		4270	6498
2200	3150	4270	2230		4270	6498
2300	3150	4270	2330		3150	4270

1) 1800=0030

-> UNIFORM LIMA XRAY (ULX)

UTC	Frequencies		UTC	Frequencies	
----	-----	-----	----	-----	-----
0000	-		0030	2743	4880
0100	6270	7760	0130	-	
0200	2743	4880	0230	2743	4880
0300	-		0330	2743	4880
0400	2743	4880	0430	4880	6270
0500	4880	6270 1)	0530	6270	7760
0600	4880	6270	0630	6270	7760
0700	6270	7760	0730	6270	7760
0800	6270	7760	0830	6270	7760
0900	-		0930	6270	7760
1000	-		1030	6270	7760
1100	6270	7760	1130	-	
1200	6270	7760	1230	6270	7760
1300	6270	7760	1330	6270	7760
1400	6270	7760	1430	4880	6270 7760
1500	6270	7760	1530	6270	7760
1600	4880	6270 7760	1630	4880	6270
1700	4880	6270	1730	2743	4880
1800	2743	4880	1830	4880	6270 7760
1900	2743	4880	1930	4880	6270
2000	2743	4880	2030	4880	6270
2100	2743	4880	2130	2743	4880
2200	4880	6270	2230	2743	4880
2300	4880	6270	2330	-	

1)0500=0600

-> YANKEE HOTEL FOXTROT (YHF)

UTC	Frequencies		UTC	Frequencies	
----	-----	-----	----	-----	-----
0000	2844	3840	0030	-	
0100	-		0130	5820	7918
0200	5820	7918 9202	0230	4560	5820 7918
0300	-		0330	3840	4560
0400	3840	5820	0430	9202	10648 14530
0500	10648	14530	0530	5820	7918
0600	4560	5820	0630	5820	7918
0700	10648	14530	0730	5820	7918
0800	-		0830	7918	10648
0900	5820	7918	0930	5820	7918
1000	7918	9202	1030	5820	7918
1100	5820	7918	1130	5820	7918
1200	9202	10648	1230	-	
1300	5820	7918	1330	5820	7918
1400	5820	7918	1430	7918	10648
1500	5820	7918	1530	5820	7918
1600	7918	10648	1630	4560	5820
1700	4560	5820	1730	3840	4560 1)
1800	5820	7918	1830	9202	10648
1900	4560	5820	1930	5820	7918
2000	4560	5820	2030	10648	14530
2100	4560	5820 2)	2130	4560	5820
2200	3840	5820	2230	3840	4560
2300	3840	4560	2330	-	

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1) = 1730=0330 2) = 2100=0400

<<<<<>>>>

::: G22

Gert and Tom both observed G22 and reported it to ENIGMA 2000. G22 was heard on 25 January at 2300 UTC on 4031 kHz.

-0-0-0-0-0-0-0-0-0-0-

* MORSE STATIONS *

::: MX

"L", Tirana, on 3336.2 and 4091.7 kHz.

"P", Kaliningrad, on 3167, 3699.5 and 4043 kHz.

"S", Arkhangelsk, on 5153.9 kHz.

"R", Izhevsk, on 5465.8 kHz.

"V", Khiva, on 3658 and 15064.7 kHz.

"C" seems to be faster than before and was heard on the 20, 10, 8, 7, 5, 4 and 3 MHz cluster frequencies.

Unids: "I" on 9090 and 9188.5 kHz, heard on respectively 6 and 16 January.

I received a couple of mails from Martin Potter and the Japan Ute Monitor re the new frequencies of cluster beacon "M".

"M" apparently has changed its frequencies. It has been heard on three new frequencies since 20th January. I don't know if this is a temporal change or a definitive one.

3594.4 is now 3594.8

5154.4 is now 5155.8

7039.4 is now 7038.8

Reports are most welcome!

<<<<<>>>>

::: M16

8BY, the DGE related station can be heard on the following frequencies: 7668, 10248, 12075, 14931, 18415, 20946 kHz.

<<<<<>>>>

::: M21

PVO is active on 5198, 5873 and 3322//4951,5 kHz with very little traffic. The id on all frequencies is "0".

M21 variant: 3301 kHz, marker PSNN, vvv and msgs. Irregular.

<<<<<>>>>

::: M22

4XZ, Israeli navy Haifa has a new QRG since 6th January. 8000 kHz is // to 8103 kHz. The rest remains unchanged.

Frequencies: 2680, 2800, 4241, 4331, 5159, 6379, 8103, 10046 and 12984 kHz. 8000 kHz is also regularly heard.

The samples of the various message types are logged between 13 and 15 January.

-> Format 1: Round-slip

vvv de 4XZ 4XZ == vvv de 4XZ 4XZ ==
 vvv de 4XZ 4XZ == vvv de 4XZ 4XZ ==

-> Format 2: Encrypted messages 5FG, subdivided with BT

nw qtc 1 nr 594 ==
 nr 594 qm z cn8u 0361 41 n14m wnc ==
 10001 33881 01412 =
 29908 30023 32729 83006 33634 =
 99932 44098 34600 34505 34206 33011 33814 33425 33331 33533
 33036 33734 33630 33829 33801 34032 34237 34539 35031 =
 44012 45400 23203 33004 33811 33615 33221 33129 33025 32639
 22047 33740 33942 33550 =
 44116 44800 33798 32921 32831 22634 41215 25412 42411 22024 =
 44004 44700 44808 44409 44117 44722 44925 44434 45047 =
 11291 ==
 nr 594 qm z cn8u 0361 41 n14m wnc == ++

-> Format 3: Encrypted messages 5LG, subdivided with BT after 40 groups.

nw qtc 1 nr 554 ==
 nr 554 gp v in8b 4541 31 yo4o gr 15 == yoyoy 5LGx39 ==
 aa gr 04 == 5LGx11 ==
 nr 554 gp v in8b 4541 31 yo4o gr 15 == yoyoy 5LGx39 ==
 aa gr 04 == 5LGx11 ==
 nr 554 gp v in8b 4541 31 yo4o gr 15 == ++

-> Format4: Messages of groups of different length using
 punctuation (and Hebrew morse?)

nw qtc 1 nr 625 ==
 nr 625 vx a gu5x 0380 51 zp5x wnc == onden :hdset beqr. 1.5snet ... ==
 nr 625 vx a gu5x 0380 51 zp5x wnc == onden :hdset beqr. 1.5snet ... ==
 nr 625 vx a gu5x 0380 51 zp5x wnc == ++

-> Format 5: Repeats of messages

nw rpt nr 654 ==
 nr 654 pe v zt4o 9151 31 dz7x gr 41 == dxddd 5LGx14 ==
 nr 654 pe v zt4o 9151 31 dz7x gr 41 == dxddd 5LGx14 == (txt rptd)
 nr 654 pe v zt4o 9151 31 dz7x gr 41 == ++

Info: Fritz Nusser

<<<<<>>>>

::: M51

French station M51 is still active although it seems that the number of transmission has decreased during the past year.

The station was logged by Fritz and Jim on the following frequencies and times. Messages as usual: NR 56J 17:29:20 2004 = VPUEV KFYAC ...

3882 kHz, 0720, 26-1
 4440 kHz, 2050, 21-1
 4511.5 kHz, 2000, 13-1
 5153 kHz, 1620, 12-1
 5285 kHz, 1612, 6-1 //10465 kHz
 5285 kHz, 2035, 7-1
 5334.5 kHz, 1655, 14-1
 5406 kHz, 1615, 8-1
 10465 kHz, 1612, 6-1

There are no transmissions on Friday, Saturday and Sunday. They apparently have long weekends.

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::: M62

3485 kHz, 1-1/10-1 (24/7) B3ET B3ET B3ET = RNJ5 RNJ5 RNJ5 +
3485 kHz, 11-1/20-1 (24/7) J7XD J7XD J7XD = D3QK D3QK D3QK +
3485 kHz, 21-1/31-1 (24/7) QR2U QR2U QR2U = KP6F KP6F KP6F +

1732 kHz not heard
3485 kHz has a very weak signal since 1 January.

<<<<<>>>>

::: M82

This one comes from Igor: 4700 kHz, 1600 UTC, 7 Jan.

vuv jvg jvg jvg de bml bml bml qsa3 qsa? qtc 935 (R4)
qtc nr 935 t6 1t t1t8 t1tt 124 582 =
96421 23412 21118 1361t 21761 329t2 116t5 46968 96362 26765
abv
qtc nr 935 t6 1t t1t8 t1tt 124 582 =
96421 23412 21118 1361t 21761 329t2 116t5 46968 96362 26765
sk sk

<<<<<>>>>

::: M89

3380.5 kHz, V BFR7 de 4XML (R15 then QRM)

<<<<<>>>>

::: M91

4820 kHz, daily 0730-1630 UTC. Marker and usual QTCs
2362 kHz, daily 1630-0730 UTC. Marker and usual QTCs

Parallel frequencies 3996 and 1732 not copied since January 3rd.

-0-0-0-0-0-0-0-0-0-0-

* OTHER MODES *

XSL: The Japanese slot machine has been logged on a number of
frequencies: 6249.5, 6417, 6445, 8313, 8588 and 8703 kHz.

S28: Usually very strong on 4625 kHz, buzzing the night away.

S30: The pip on 3756 kHz.

XSW: The squeaky wheel channel marker on 3828.9 kHz is also a daily
guest.

X06: The Mazielka was reported by Jochen and Pile on the following
frequencies:

9197 kHz, 1600 UTC, 7-1
13506 kHz, 1300 UTC, 10-1
13517 kHz, 1407 UTC, 24-1
16025 kHz, 1448 UTC, 6-1
16117 kHz, 1443 UTC, 6-1
16117 kHz, 1400 UTC, 24-1

-0-0-0-0-0-0-0-0-0-0-

::: RUSSIAN / CIS MILITARY

Frequency	Callsigns / QSX
18.1	RDL
2478.5	GHMJ, DWJR
2839	Q8BA, JRD6, LG1U, 7WN8
3211	X8JN, WP7Y
3217	9DVZ, 8PKM, HQFD, CKQM, NKNZ, MWHO, B92Y, FOXV, V92C QSX 3393 kHz.
3364	HNIW, TKL3
3679	AYQZ, 3MK3, INLD, KU9F
3813	6MLF
4179	REA4: AF HQ Moscow
4586	2NCM, LDBO
6220	8OFH, CIPD.
12152	I700, QXX3

Samples:

ZVF ZVF ZZF ZAM ZVU ZQM ZRF ZCT K. RPT 3 K. NO NO RPT 3 ? K.
RPT AL ? K.
GHHJ ZVF ZVF ZZF ZAM ZVU ZQM ZRF ZCT K.
R ? K. C AS ? K. R K.

340 69 9 2328 340 = 991 = WauCE XQSZM ... THSCQ POPYY = 991 K.

QTC 510 32 24 2300 510 = 669 =
VWNX? COOVV ... JVBSN WRPWO = 669 = (rpts/ends AR).

<<<<<>>>>

::: UKRAINIAN MILITARY

3348 kHz was heard // with 3863 kHz.
3775 kHz was heard // with 3348 kHz.

Freq. Callsigns

3348	BHAZ, 9T6A
3775	APFW, MW5Q, V2VR, HKMX, 6SHK, SZJK, HZ3K, KCT3, F1WX, KCT3
3863	BHAZ, FNFS, VHAY, 4YPM, 9T6A

Samples:

VHAY 149 88 16 2100 149 = 572 = AAAAA TUPSP ... XZFPu AEKZE K.

BHAZ 271 63 23 2315 271 = 495 = 11111 73464 ... 42516 23061 K.

-0-0-0-0-0-0-0-0-0-0-

* UNID STATIONS *

Remember this one from last month?

"SFUX" repeated for 3 minutes on 4993 kHz.

It is actually "UXSF" that is repeated for 3 minutes daily at 1600 UTC.
Fritz sends us a note in which he says "I guess other QRGs are used as well, he always tunes his equipment a few minutes before tmx starts."
Hand keyed.

<<<<<>>>>

Fritz also send us the following unid:

8634 kHz, VWGZ, 20-1, 2050 UTC
8646 kHz, VWGZ, 21-1, 2040 UTC

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VWZGZ ii nr bn 375/21 nr bn 375/21 ii zfg zfg
bnr 736/20 bnr 736/20 sjk sjk kan kan blo blo ii pp ii 20 1950
gr 86 gr86 = five one six nine juliet one seven three zero
6720 6984 4FG= gr 86 +

<<<<<>>>>

6998 kHz, HWK7, 16-1, 1610 UTC.
Messages like: =pontificia basilica de la santa casa -
santuario internazionale = loreto = servizi
informatifi - semino italia = de HWK7 +

Fritz writes "Loreto is situated near Ancona (NE Italy). It is hard to believe a religious fanatic keeps transmitting his texts for over 5 years."

It is indeed hard to believe. However, I once received a note from an Italian radio amateur who claims that he know this guy. He uses a fake Vatican callsign and transmits indeed from NE Italy. I know that this fellow often gets on the wrong side of HAMS on 7000 kHz when he causes interference.

<<<<<>>>>

::: PIRATE BEACONS

Chris Smolinski recently sent out a call for info about the US pirate beacons. The following was posted to Spooks and Chris' Spynumbers website at <http://www.spynumbers.com/USSWbeacon.html>
If you can supply more info, please send us a note.

Chris says: "This message was posted some time ago on one of the pirate radio mailing lists. I've listened for these beacons here in Maryland without luck, but perhaps some other folks closer to the SW USA can pick them up. I have seen reports of a mystery "C" beacon on 6925 before."

A number of people reacted to Chris' e-mail:

"Greetings from the US. A group of us here in the US Southwest have been operating pirate beacons for a few years now. They are located at remote sites in the southwestern deserts in Arizona and California. They are all solar powered with a 12V gel cell (lead-acid) battery with the exception of one that operates with a solar panel only and transmits daytime only. The typical power output is about 100 to 200mw using a CMOS crystal oscillator and a 2N2222 or similar output transistor. Here is a list of the beacons and frequencies:

8000.55 kHz: Sends Morse code letter "S"; daytime only from about 1500 to 0000 UTC. Located in western Arizona. Dipole antenna, 250 mw at mid-day.

4095 to 4096 kHz: A "cluster" of 5 beacons mostly sending either "dits" or long dashes. They operate 24 hours. One periodically sends Morse "w" between series of dits. Located in Arizona and Southern California deserts. About 150 mw each.

6700 kHz. Sends a series of "dits". Located in California. Operates 24 hours."

More reactions:

4 Jan 2004. From William in Berkeley, CA:
"At 4095.7 kHz there is a beacon that is a series of long dashes."

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From "scanner_dude" in Cochise County AZ:
"4095.5 I can copy one beacon for sure... a series of 2
"dit's", it's mixed in with another, weaker signal that
appears to be sending just a series of dash's.... I have
a good copy on the one thats doing the "dit dit"... 1756
local Az time, 0056 Zulu."

5 Jan 2004. Ben in Colorado:
'These were heard after dark in Colorado - both the dit dit
dit beacons and the one that sends w."

12 Jan 2004. From Jeff in NW Oregon:
"I also heard a cw beacon last night on 4096 at 0108 UTC.
Repeated 'w'. Reception was poor but readable at times in
my location."

From Tom in Manchester/Tullahoma, TN:
"Finally heard the "w" beacon on 4095.55 at around 0342Z 11
Jan Not a bad haul for a 150mw beacon. See recording of beacon
http://www.fernblatt.net/Recordings/4095_01_11_04_0342Z.zip
Nothing on 6700 but a carrier and nothing on 8000.55 during
the day."

13 Jan 2004. From Glenn in CO:
"4096.25 has long dashes no other ID"

18 Jan 2004
"On a somewhat related note, I've managed to hear N2UHC's
30m beacon on 10146 kHz CW. He's running 2 watts, and is in
Frontenac, KS. I'm in westminster, MD. I caught him as soon
as I tuned in, so 100 milliwatts is certainly enough to get
halfway across the US under conditions which are not the
best. Quite a bit of UTE QRM, which sounds like PACTOR."

19 Jan 2004. From KUMD:
"I can say that 6700.4 (was 24 hrs, A1A, about 62 dashes/min.
is QRT for some reason - this beacon from s.e. CA's Colorado/
Mojave Desert boundary, went suddenly silent in mid-Nov '03
after 4 years on-air. One of the "4096 cluster" bcns about 30
miles from 6700 seems to have suffered from lack of winter
sunlight - it was strong until late Nov after a battery swap
and a charge controller addition, then faded down again to
very weak levels on 4096.09 kHz with a 4 sec. dash A1A. the
5 others are there as usual. Best bet for DX east of MS River
is "s" 8000.55 (day-only) and "w" 4095.5 (24 h with huge
signal in southwest.)"

-0-0-0- CONET -0-0-0-

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WUN LOGS COLUMN

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January 2004

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=====

Firstly I would like to wish all members of WUN a Happy New
Year.

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Secondly I have been doing some searches of the logs for 2003 and have made two lists - one for RTTY and the second for ALE.

The lists consist of frequencies where ALE and RTTY were heard during 2003. I hope they will help any newcomers to WUN. I do notice requests for this type of list. If any member has any other ideas for this type of thing please let me know.

The RTTY list consists of frequency and callsign where known. The ALE list is frequencies only. Any other ident will have to be done by yourselves otherwise where's the fun?

-
- 00018.1 RDL: Navy HQ Moscow (unid TX site) 17:53 BEE 36-50/50/75 encryptedtraffic till 17:55 1/jan/04 (PPA)
 - 00018.1 RDL: Russian Military 1138 36-50/50/65 1 routine T600 msg. Location undetermined. (10Jan04) (RGA)
 - 00018.1 RDL: Russian Military 1353 36-50/50/65 weak T600 activity. Probably Tashkent site. (30Dec03) (RGA)
 - 00018.1 RDL: Russian Military VLF Site Arkhangelsk 1428 36-50/50/65 One T600 msg on most skeds. (31Dec03) (RGA)
 - 00018.1 RDL: Russian Military VLF Site Nizhny Novgorod 1251 36-50/50/65 Long series of T600 messages. (19Dec03) (RGA)
 - 00018.1 RDL: Russian Military VLF Site Tashkent UZB 1328 36-50/50/65 One T600 message. (03Jan04) (RGA)
 - 00020.9 HWU: French Navy VLF Site Rosnay 1300 UNID/100/60 Bearing 135 from SW England. (03Jan04) (RGA)
 - 00082.8 MKL: RAF No 2 Group MATELO Bcast 1303 UNID/75/75 Routine. From Crimond LF site. (30Dec03) (RGA)
 - 00147.3 DDH47: HAMBURG 1325 ITA2 "wettermeldungen...aberdeen..jersey..gibraltar...ancona.." 10/12 (ML)
 - 00147.3 DDH47: HAMBURG 1333 ITA2 synop decoded messages about canadianstations...and ships 10/12 (ML)
 - 00147.3 DDH47: HAMBURG MET 1853 ITA2/50 synop decoded txt saved October/09 (ML)
 - 00147.3 DDH47: SWD Hamburg via Pinneberg 1656 RTTY/50/85 Sea states in German then calls. (17Dec03) (RGA)
 - 00490.0 C: PORTPATRICK 2020 fec 100/E/170 Strong wind warnings then UK inshore waters 24hrs fcst, further 24hr outlook, then finally general 3 day further outlook for UK. (21/Dec)(DW)
 - 00490.0 G: MONSANTO 2100 fec 100/E/N/170 Met bulletins in Portuguese then Navs, before fading 2115z. (21/Dec)(DW)
 - 00490.0 LA GARDE: 1906 NAVTEX yellow submarine warning near corsica October/09 (ML)
 - 00490.0 MONSANTO R: (PORT) 2100 SITOR B TXT saved October/06 (ML)
 - 00490.0 OSTENDE: ?? 1911 NAVTEX meteo france general buletin October/09 (ML)
 - 00518 NMF: USCG Boston 0845 FEC/100/170 Navtex "ZCZC FD19 2.QUOTE: THE COAST GUARD HAS RECEIVED A RELAY REPORT THAT F/V WEST HEAD IS DISABLED AND ADRIFT IN POSIT 40-17.1N 067-58.2W APPROX. 110NM SE NANTUCKET. THE WEST HEAD IS A 44FT F/V WITH 4 POB. MARINERS ARE REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE,AND REPORT ALL SIGHTINGS TO RCC BOSTON AT (617) 223-8555 OR THE NEAREST COAST GUARD STATION. NNNN" (08Jan04) (APB)
 - 00518 NMF: USCG Boston MA 0045 FEC "CG GANTSEC BNM 343-03 CARIBBEAN SEA - PUERTO RICO - DOMINICAN REPUBLIC 1. A 15 FOOT WOODEN WHITE YOLA HAS BEEN REPORTED ADRIFT IN APPROXIMATE POSITION 18-25.7N 067-43.9W. 2. CX AT 210834Z DEC 02. NNNN = CARIBBEAN SEA - PUERTO RICO - DOMINICAN REPUBLIC 1. A 30-35FT FOOT BLUE WOODEN YOLA HAS BEEN REPORTED ADRIFT IN APPROXIMATE POSITION 18-27.1N 067-24.6W. 2. CX AT 210821Z DEC 03. NNNN" (20Dec03) (APB)
 - 00518 NMF: USCG Boston MA 1245 FEC "CARIBBEAN SEA - PUERTO RICO - DOMINICAN REPUBLIC 1. A 25 FOOT BLUE YOLA HAS BEEN REPORTED ADRIFT IN APPROXIMATE POSITION 18-28.9N 067-26.9W. 2. CX AT 210840Z DEC 03. NNNN" (20Dec03) (APB)

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- 00518 NMG: USCG New Orleans 0300 FEC "CG GANTSEC BNM 347-03. CARIBBEAN SEA - U.S. VIRGIN ISLANDS - PILLSBURY SOUND 1.A CAPSIZED 37FT SAILING VESSEL HAS BEEN REPORTED ADRIFT IN PILLSBURY SOUND IN THE VICINITY OF TWO BROTHERS REEF. 2. CX AT 241400Z DEC 03. (24Dec03) (APB)
- 00518 NMG: USCG New Orleans 0300 FEC "TX - SABINE BANK 1. THE COAST GUARD HAS RECEIVED A REPORT OF THE 50 FT, F/V MISS MARGARET, SUNK IN APPROXIMATE POSITION 29-38-06.3N, 093-49-07.2W. MARINERS ARE URGED TO USE EXTREME CAUTION IN THIS AREA. 2. CANCEL AT TIME//312050Z DEC 03// w NNNN" (25Dec03) (APB)
- 00518 NMG: USCG New Orleans 0300 FEC/100/170 "CCGDEIGHT BNM 0583-03. LA - GULF OF MEXICO. 1. THE COAST GUARD HAS RECEIVED A REPORT OF AN UNCHARTED LIGHTED, WHITE AND ORANGE BUOY IN THE SOUTH TIMBALIER AREA, SOUTH ADDITION, BLOCK 239, IN APPROXIMATE POSITION: 28-21-26.8N, 090-32-41.8W. MARINERS ARE URGED TO USE CAUTION WHEN TRANSITING THE AREA. 2. CANCEL AT TIME//061936Z JAN 04// NNNN" (27Dec03) (APB)
- 00518 NMG: USCG New Orleans 0700 FEC "TX - APPROACHES TO GALVESTON BAY 1. THE COAST GUARD HAS RECEIVED A REPORT OF THE 50 FT, F/V MISS MARGARET, SUNK IN APPROXIMATE POSITION 29-38-06.3N, 093-49-07.2W. MARINERS ARE URGED TO USE EXTREME CAUTION IN THIS AREA. 2. CANCEL AT TIME//312050Z DEC 03// NNNN = LA - GULF OF MEXICO 1. THE COAST GUARD HAS RECEIVED A REPORT THE M/V SEA ROVER LOST A 20-MAN LIFERAFT, ON 17 DECEMBER 2003, IN THE VICINITY OF A SAFETY FAIRWAY, IN APPROXIMATE POSITION 28-32-24.0N, 089-37-54.0W, MARINERS ARE URGED TO USE EXTREME CAUTION IN THIS AREA. 2. CANCEL AT TIME//011450Z JAN 04// NNNN" (20Dec03) (APB)
- 00518 NMR: USCG San Juan PR 0200 FEC/Navtex "ZCZC RD61 DISTRESS - SINGLE RED FLARE NORTHEAST OF JOST VAN DYKE, BVI. CG GANTSEC UMIB 049-04 1. QUOTE - ALL SHIPPING - ATLANTIC OCEAN/CARIBBEAN SEA/U.S AND BVI. THE U.S. COAST GUARD HAS RECEIVED A REPORT OF A SINGLE RED FLARE SIGHTED NORTHEAST OF JOST VAN DYKE ISLAND, BVI AT APPROX 1800 LOCAL TIME. ALL MARINERS ARE REQUESTED TO MAINTAIN A SHARP LOOKOUT, ASSIST IF POSSIBLE, AND REPORT SIGHTINGS TO THE U.S. COAST GUARD. SIGNED U.S. COAST GUARD SAN JUAN - UNQUOTE. NNNN" (17Dec03) (APB)
- 00518 NMR: USCG San Juan PR 0200 FEC/Navtex "ZCZC RD6P DISTRESS - PIW IVO HATILLO AND CAMUY, PR CG GANTSEC UMIB 048-04 1. GANTSEC COMMEN: MAKE URGENT BCST. TEXT TO BE CONTINUED ON ALL SCHEDULED BROADCASTS UNTIL CANCELLED. 2. QUOTE, COAST GUARD SAN JUAN HAS RECEIVED A REPORT OF PERSONS IN THE WATER BETWEEN THE AREA OF HATILLO AND CAMUY, NORTH WEST OF PR. ALL MARINERS ARE REQUESTED TO MAINTAIN A SHARP LOOKOUT, ASSIST IF POSSIBLE, AND REPORT ALL SIGHTINGS TO U.S. COAST GUARD. SIGNED U.S. COAST GUARD SAN JUAN, PR. NNNN" (16Dec03) (APB)
- 00518 PJC: Netherlands CG Curacao 0510 FEC/100/170 Navtex."ZCZC 030400UTC ALL SHIPS IN VICINITY OF THE ISLAND OF BONAIRE ARE REQUESTED TO KEEP A SHARP LOOKOUT FOR 2 MISSING DIVERS WHO WENT TO WATER AT 1000LT 02ND JAN AT KARPATA.SW POINT BONAIRE ALL SHIPS ARE REQUESTED TO KEEP A SHARP LOOKOUT , ASSIST IF POSSIBLE AND REPORT ALL SIGHTINGS TO COASTGUARD RADIO/PJC ON VHF CH16. NNNN" (07Jan04) (APB)
- 00518 XMJ: Canadian CG Prescott ON 0110 FEC/100/170 Navtex."070117UTC SAFETY NOTSHIP C2587 LAKE ERIE GAS WELL LEAK REPORTED IN POSN 42 20.8N 80 36.9W MARINERS ADVISED TO USE CAUTION IN AREA NNNN" (07Jan04) (APB)
- 00518 ZSJ: SAN Silvermine/AFMET 1625 FEC Navarea V11 wngs. (13/Jan/04) (RH2)
- 00518,0 hzh Jeddah Radio: 1710 navtex ZCZC HE39 FROM:JEDDAHRADIO/HZH 1710UTC 15TH JANUARY 15-Jan-04 (wp3)
- 00518.0 9as: Split Radio: 0000 navtex ZCZC QA21 191040 UTC SEP SPLITRADIO/9AS NAV WNG 172/03 CENTRAL ADRIATIC-TRIBUNJ-CHRT: 100-21 FROM SEPTEMBER 22TH UNTILL NEXT NOTICE UNDERWATER MINING OPERATION IN 43 45.0 N 29-Dez-03 (wp3)
- 00518.0 Bjuroklubb Radio: 0000 navtex ZCZC HA47 220944 UTC DEC FINNISH NAVIGATIONAL WARNING 300 FINNISH SEA AREAS DUE TO

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WINTER CONDITIONS, ALONG 29-Dez-03 (wp3)
 00518.0 CG Mobile: 0306 utc, SITOR-B:7/jan/04 (BM)
 00518.0 CROSS Toulon: 2340 navtex ZCZC WA70 230340 UTC DEC 03 TTT
 AVURNAV TOULON 965/03 CORSE - BONIFACIO STRAIT
 28-Dez-03 (wp3)
 00518.0 Cherbourg AVURNAV: 0000 navtex ZCZC KA74 KA 74 AVURNAV
 CHERBOURG 249 DOVER - TSS RIDENS SE LIGHT BUO UNLITPSNV:
 50 43.4 N - 001 19 E PAS JE CAAIS- DST BOUE SSRIDENS SE (LF
 CU 784) TSTTUQAVIXIN 29-Dez-03 (wp3)
 00518.0 Gislövshammar Radio: 0000 navtex ZCZC JB71 281900 UTC DEC
 BALTIC SEA GALE WARNING 716 GALE WARNING AND NEAR GALE
 WARNING. THE SOUND, THE BELTS AND WESTERN BALTIC:
 29-Dez-03 (wp3)
 00518.0 Grimeton Radio: 0030 navtex ZCZC DA51 232125 UTC DEC
 SWEDISH NAVIGATIONAL WARNING 392 THE SOUND LIGHT FLINTRAENNAN
 NR 7 IN PSN 55-35.4N 12-50.7E UNLIT NNNN 29-Dez-03 (wp3)
 00518.0 NITON:: 1645 NAVTEX navarea Jan04 04 ML
 00518.0 NITON??: 1545 NAVTEX "fin avurnav de cherbourg"
 October/11 (ML)
 00518.0 NMA: Miami, FL 0815 SITOR-B 100/170 i/p atlantic wx, notices
 to mariners.04/Jan/04 BenM
 00518.0 NMA: USCG Miami, FL 0400 SITOR-B 100/170 w/wx, notices to
 mariners,including several sightings of "Right" whales.
 04/Jan/04 BenM
 00518.0 NMC: Point Reyes, CA 0750 SITOR-B 100/170 "DE NMC TEST VA"
 test tx.04/Jan/04 BenM
 00518.0 NMC: Point Reyes, CA 0800 SITOR-B 100/170 pacific wx, notices
 to mariners.04/Jan/04 BenM
 00518.0 NMC: Point Reyes, CA 1209 SITOR-B 100/170 i/p pacific wx,
 notices to mariners. 04/Jan/04 BenM
 00518.0 NMG: New Orleans, LA 0700 SITOR-B 100/170 wx for gulf &
 notices to mariners. 04/Jan/04 BenM
 00518.0 NMG: New Orleans, LA 1100 SITOR-B 100/170 wx for gulf &
 notices to mariners. 04/Jan/04 BenM
 00518.0 NMG: New Orleans, LA 1500 SITOR-B 100/170 wx for gulf &
 notices to mariners. 04/Jan/04 BenM
 00518.0 NMG: USCG New Orleans, LA 0300 SITOR-B 100/170 w/notices to
 mariners & then wx. first part of tx covered by NMQ test.
 04/Jan/04 BenM
 00518.0 NMQ: Long Beach, CA 0845 SITOR-B 100/170 wx, notices to
 mariners.04/Jan/04 BenM
 00518.0 NMQ: Long Beach, CA 1245 SITOR-B 100/170 wx, notices to
 mariners.04/Jan/04 BenM
 00518.0 NMQ: USCG Long Beach, CA 0300 SITOR-B 100/170 "DE NMC/NMQ
 TEST VA" test transmission. 04/Jan/04 BenM
 00518.0 NMQ: USCG Long Beach, CA 0445 SITOR-B 100/170 w/wx, notices
 to mariners.04/Jan/04 BenM
 00518.0 NMR: San Juan, Puerto Rico 0600 SITOR-B 100/170 wx for
 caribbean and atlantic. 04/Jan/04 BenM
 00518.0 NMW: Astoria, OR 0527 SITOR-B 100/170 "DE NMC/NMW TEST VA"
 test transmission. 04/Jan/04 BenM
 00518.0 NMW: Astoria, OR 0530 SITOR-B 100/170 w/wx for WA & OR
 offshore region, followed by notices to mariners.
 04/Jan/04 BenM
 00518.0 NMW: Astoria, OR 0930 SITOR-B 100/170 notices to mariners,
 wx.04/Jan/04 BenM
 00518.0 NMW: Astoria, OR 1330 SITOR-B 100/170 notices to mariners,
 wx.04/Jan/04 BenM
 00518.0 NMW: USCG Astoria, OR 0141 SITOR-B 100/170 i/p notices to
 mariners. 04/Jan/04 BenM
 00518.0 ROGALAND: 2153 NAVTEX danish & norwegian navig warnings
 Jan07 04 ML
 00518.0 Reykjavik Radio: 0650 navtex REYKJAVKRADIO 03229 0650 UC
 29-Dez-03 (wp3)
 00518.0 UNID: 0950 SITOR-B 100/170 tfc continues till 1011, very poor
 decode.04/Jan/04 BenM
 00518.0 VAJ: Prince Rupert, British Columbia 1200 SITOR-B 100/170
 pacific wx.04/Jan/04 BenM

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- 00518.0 Varna Radio: 0000 navtex ZCZC JA43 242130 UTC DEC 03 VARNA RADIO NAVWARN 437/03 BARGE MAK WITHOUT ENGINE AND POWER 29-Dez-03 (wp3)
- 00518.0 XLJ329: Prescott, Ontario 0510 SITOR-B 100/170 w/forecast for Metarea XII 04/Jan/04 BenM
- 00518.0 XLJ895: Thunder Bay, Ontario 0507 SITOR-B 100/170 w/gale warning ended for eastern Lake Superior. Note not in :30 timeslot. 04/Jan/04 BenM
- 00518.0 XLJ895: Thunder Bay, Ontario 1030 SITOR-B 100/170 great lakes wx.4/jan/04 (BENM)
- 00518.0 XLK835: Tofino, British Columbia 0910 SITOR-B 100/170 wx and sea observations. 04/Jan/04 BenM
- 00518.0 XLK835: Tofino, British Columbia SITOR-B 100/170 wx forecast, wx & sea obs. 04/Jan/04 BenM
- 00518.0 XMJ329: (Canadian CG, Prescott ON): 0924 FEC w/Great Lakjes wx in EE. 26/12 RP3
- 00518.0 ctv: Monsanto Radio: 0000 navtex ZCZC RB71 MONSANOADIO 290550 UTC DEC2003 INSTITUTO DE METEOROLOGIA WEATHER BULLETIM FOR SHIPPIN FOR THE ATLANTIC ZONES LIMIVED BY MERSDIAN 22W - 7W AND BY PARALLELLS 35N - 4N 29-Dez-03 (wp3)
- 00518.0 ejm: Malin Head Radio: 2230 navtex ZCZC QB07 ROUTINE 282230 UTC DEC 03 MALIN HEAD RADIO EJM 28-Dez-03 (wp3)
- 00518.0 esa: Tallinn Radio: 0000 navtex ZCZC UB20 281900 UTC DEC BALTIC SEA GALE WARNING 716 GALE WARNING AND NEAR GALE WARNING. THE SOUND, THE BELTS AND WESTERN BALTIC: S 15 M/S, VEERING W AND MONDAY AFTERNOOON DECREASING. 29-Dez-03 (wp3)
- 00518.0 gcc: Cullercoats Radio: 1555 navtex ZCZC GB14 GALE WARNING SUNDAY 28 DECEMBER 2240GMT FAIR ISLE FAEROES GALE NOW CEASED 28-Dez-03 (wp3)
- 00518.0 gni: Niton Radio: 2100 navtex ZCZC EB80 GALE WARNING SUNDAY 28 DECEMBER 2205GMT DOVER GALE NOW CEASED 29-Dez-03 (wp3)
- 00518.0 gpk: Portpatrick Radio: 0000 navtex ZCZC OE61 OE61 EXTENDED OUTLOOK TUESDAY UNTIL FRIDAY ISSUED BY THE MET.OFFICE AT 282300UTC DEEP LOW JUST NORTHWEST OF ICELAND MOVING AWAY STEADILY 29-Dez-03 (wp3)
- 00518.0 iar Rom Radio: 0000 navtex ZCZC RA39 290250 UTC DEC 03 COASTAL WARNING NR. 549 DEC 23 NORTHERN TYRRHEANIAN - TOSCANO ARCHIPELAGO -NORTH COAST ELBA ISLAND - PORTOFERRAIO S HARBOUR - LIGHT SEAMARK CARDINAL NORTH N 29-Dez-03 (wp3)
- 00518.0 idc Cagliari Radio: 2318 navtex ZCZC TA88 290310 UTC DEC 03 COASTAL WARNING NR. 152/03 - 10 REPETITION. SARDINIA SOUTH EASTERN - CARBONARA CAPE LIGHT HOUSE ISOLA DEI CAVOLI NR. 1262 E.F. IS NOT WORKING.TRANSITING SHIPS PAY 29-Dez-03 (wp3)
- 00518.0 iqa: Augusta Radio: 2330 navtex ZCZC VA35 282330 UTC DEC 03 COASTAL WARNING NR. 498/03 DEC 27 28-Dez-03 (wp3)
- 00518.0 lgd: Oerlandet Radio: 0000 navtex ZCZC NA33 270330 UTC DEC 03 NORWEGIN NAV.WARNING 560/2003 CHART 43 AREA GRANDEVIKA 29-Dez-03 (wp3)
- 00518.0 lgp: Bod=F6 Radio: 0010 navetx ZCZC BA34 161450 UTCIDEC 03 NORWEGIAN NAV.G NO53 / 2003 CHAJT 78 AREA VESTERAALEN 29-Dez-03 (wp3)
- 00518.0 lqq: Rogaland Radio 0150 navtex ZCZC LA54 270145 UTC DEC 03 NORWEGIAN NAVIGATIONAL WARNING NO 559 CHART 36 AREA GRIP GRIP LWGX 29-Dez-03 (wp3)
- 00518.0 netherland coastguards: 1803 NAVTEX navig warnings September/19 =(ML)
- 00518.0 ost: Oostende Radio: 1800 navtex ZCZC MA34 171031 UTC DEC ; NAVAREA ONE 490 DOVER STRAIT TSS. HINDER 1 LIGHTBUOY NORTHEASTWARD. CHART BA323. SOUTH CARDINAL LIGHTBUOY, 51-21.7N 002-13.3E, RACON PERMANENTLY DISCONTINUED." 29-Dez-03 (wp3)
- 00518.0 ost: Oostende Radio: 1916 navtex ZCZC TB70 282000 UTC DEC ; OOSTENDERADIO - END-OF-GALE-WNG 70/03 ;NW-LY GALE OR STRONG GALE 8 OR 9 IS NOW 28-Dez-03 (wp3)

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00518.0 pbk: Netherlands Coastguard: 0000 navtex ZCZC PA30
NETHERLANDS COASTGUARD NAVIGATIONAL WARNING NR30 281600UTC
DEC RECEIVED FROM GERMANY NAVIGATIONAL WARNING NR551
281550UTC DEC EASTFRISIAN ISLANDS.SPIEKEROOG.
29-Dez-03 (wp3)

00518.0 svh: Irakleio Radio: 0000 navtex ZCZC HA80 282210 UTC DEC
03 IRAKLEIO RADIONAVWAR271/03 NORTH COAST OF KRITI IJSLAMD
AGIOS IOANNIS FON LIGHTKE 4814) 29-Dez-03 (wp3)

00518.0 svk: Kerkyra Radio: 0000 navtex ZCZC KA89 310910 UTC OCT
03 KERKYRA RADIO NAVWARN 148/03 SOUTH IONIO SEA - FIRING
EXERCISES ZAKYNTHOS FIRING PRACTICE AREA BOUNDED BY:
29-Dez-03 (wp3)

00518.0 uge: Archangelsk Radio: 2050 navtex ZCZC FE96 290600 UTC
DEC 03 ARCHANGEL RADIO WEATHER FORECAST NR96 VALID 12 HRS
STORM WARNING KANINO KOLGUEVSKY REGION CHESHKY GULF SLY
SELY 20 TO 25 M/S PECHORSKY SEA 29-Dez-03 (wp3)

00518.000518.0 CG Mobile: 0306 utc, SITOR-B:7/jan/04 (BM)

00518.0 4xo: Haifa Radio: 0010 navtex ZCZC PE42 ROUTINE 010020
UTC JAN 04 HAIFARADIO 4XO 002482 WX=BULLETIN FOR EAST
MED,
EAST OF 25 DEG EAST. 1-Jan-04 (wp3)

00518.0 hzh: Jeddah Radio: 1710 navtex ZCZC HE39
FROM:JEDDAHRADIO/HZH=1710UTC 15TH JANUARY 15-Jan-04 (wp3)

00524 : Norwegian Navy, loc. N. Trondheim 1740 RTTY/75/150 unid
mode. Otherwise NON for days. (07Jan04) (KB)

00640.5 NMF: (CG Boston): 0253 Fax w/transmission schedules in EE.
Transmission ends with no id. 15/01 RP3

00838.5 Unid: 2125 Fax. wx chart of Europe. Probably Bracknell Meteo.
14/01 RP3

01641.0 UKCG: SOLENT 2053 USB Jan13 04 ML

01650.0 CROSS CORSEN?: 1918 USB om sea weather Jan06 04 ML

01677.0 EAS: CABO PENAS R 0446 USB spanish duplex September/17 (ML)

01677.0 OFK: TURKU R 1849 USB finnish September/21 (ML)

01698.0 La Coruna R 2215 Spanish phone patches from crews to
home USB 18/01 (PP1)

01698.0 SXE2: GRCG PIRAEUS 0729 USB greek d/x Jan11 04 ML

01704.0 OXZ: LINGBY R 2142 USB eng work danish navy ??
September/24 (ML)

01707.0 MACHICHACO R: 1904 USB spanish y1 sea weather Oct/13 (ML)

01728.0 OSU: OSTENDE 1852 USB eng y1 family calling Jan0104 ML

01743.0 G: DSC 100 25-12-03 22,12 (BvR)

01764.0 LA CORUNA R: 1905 USB the same y1 voice like on 1707.0 sea
weather Oct/13 (ML)

01764.0 LA CORUNA R: 1914 USB spanish/eng navig warnings
October/09 (ML)

01764.0 LA CORUNA: R 0723 USB span weather Jan0204 ML

01788.0 IPD: CIVITAVECCHIA R 1909 USB italian sea weather
Oct/13 (ML)

01879 : Unid. DeltaFix DGPS? 1820 2-PSK 100 (03Jan04) (KB)

01888.0 IPD: 1937 Civitavecchia Radio, weather forecast in
Italian,USB 30/09 (PP1)

01894 : DeltaFix DGPS? Butt of Lewis, G 1820 2-PSK 100
(03Jan04) (KB)

01916.4 : Unid. DeltaFix DGPS? 1820 2-PSK 100 (03Jan04) (KB)

01925.0 IPL: 1938 Livorno Radio , weather forecast in
Italian,USB 30/09 (PP1)

01925.0 IPL: LIVORNO 0743 USB italian om weather / Jan03 04 ML

01925.0 IPL: LIVORNO 1332 USB italian Jan0104 ML

01953 : Unid Fishermen 2358 CRY-2001/USB Male voices.
(21Dec03) (RGA)

01998 : Unid. DeltaFix DGPS? 1820 2-PSK 100 (03Jan04) (KB)

01999 : Unid. DeltaFix DGPS? 1820 2-PSK 100 (03Jan04) (KB)

02064.0 HWN: PARIS NAVAL ? 0445 ITA/50 encrypted September/28 (ML)

02072,1 dbgy BG25 Bayreuth: 2021 sitor-a #17715 kwn de dbgy hey
kol, hier kalli, kannst mir nachher nochmal einen aktuellen
wx senden ? dbgy seems to be a new ship with an old name.
14-Jan-04 (wp3)

02072,1 dbjm Neuwerk: 1932 sitor-a #60286 position report

15-Jan-04 (wp3)
02072.1 dbgy: BG25 Bayreuth: 2021 sitor-a #17715 kwn de dbgy hey
kol, hier kalli, kannst mir nachher nochmal einen aktuellen wx
senden ? 14-Jan-04 (wp3)
02072.1 dbjm: Neuwerk: 1932 sitor-a #60286 position report
15-Jan-04 =(wp3)
02078.0 DNK: DSC 100 25-12-03 17,40 (BVR)
02182 : Coast Guard Fort Macon 2326 USB wkg 474-?? (47 foot Motor
Launch Boat or MLB) who gives ETA of 30 mins. Possibly
Station Fort Macon vs. Group Fort Macon. (27Dec03) (RB)
02182 Coastguard Fort Macon: wkg 474-?? 2326 USB A 47-foot motor
launch) giving an ETA of 30 minutes. Up again at 2335 but too
weak here to make out much. I believe this was Station Fort
Macon as they do have a 47' MLB assigned there. Back up at
2344. (27Dec03) (RB)
02182.0 Witowo Radio 2134. Witowo radio announces switch to
2720.0 for warnings in EE USB 18/01 (PP1)
02182.0 G: DSC 100 25-12-03 17,15 (BVR)
02182.0 MAR SAFETY KINLOSS:?? 2139 USB eng duplex with unusual words
="ABERDEEN..." September/24 (ML)
02187.5 636090081 1735 Liberian ship "MB CARIBE" callsign
ELGJ9 (container ship selcall 24924) GMDSS-DSC call to mmsi
2275300 (CROSS Corsen) no joy 12/01 (PP1)01707.0 Machicaco
Radio 1942 Spanish and English tape USB 18/01 (PP1)
02187.5 ---: AASIAAT 0432 DSC 100/E/170 MMSI 003313000 routine cIng
self (31/Dec)(DW)
02187.5 ---: BERGEN 0549 DSC 100/E/170 MMSI 002570400 safety test ack
(31/Dec)(DW)
02187.5 ---: BERMUDA HARBOUR 0357 DSC 100/E/170 MMSI 003100001 safety
test ack (31/Dec)(DW)
02187.5 ---: BILBAO 0600 DSC 100/E/170 MMSI 002241021 responding to
Malaga test (31/Dec)(DW)
02187.5 ---: CORUNA 0017 DSC 100/E/170 MMSI 002241022 safety test ack
(31/Dec)(DW)
02187.5 ---: FARSUND 0756 DSC 100/E/170 MMSI 002570200 safety test
ack (31/Dec)(DW)
02187.5 ---: LA GARDE 0536 DSC 100/E/170 MMSI 00227540 routine cIng
self (31/Dec)(DW)
02187.5 ---: LAS PALMAS 0707 DSC 100/E/170 MMSI 002241026 safety text
ack (31/Dec)(DW)
02187.5 ---: LYNGBY RADIO 0752 DSC 100/E/170 002191000. All ships
call (Safety) announcing move to 1734 for MSI bdcst. At 0756z
respond to Safety/Test call from Moscow University/ELWE8
(18/Dec)(DW)
02187.5 ---: MADRID 0031 DSC 100/E/170 MMSI 002241078 safety all
ships call, qsx 2182 (31/Dec)(DW)
02187.5 ---: MADRID RADIO 0741 DSC 100/E/170 GMDSS safety/Test to
self 002241078 (18/Dec)(DW)
02187.5 ---: MALAGA 0559 DSC 100/E/170 MMSI 002241023 cIng Bilboa
safety test (31/Dec)(DW)
02187.5 ---: OLYMPIA 0226 DSC 100/E/170 MMSI 002371000 safety test
ack (31/Dec)(DW)
02187.5 ---: REYKJAVIK 0202 DSC 100/E/170 MMSI 002510100 safety
geographical area call 68N 20W V09 H20, qsx 1659 (31/Dec)(DW)
02187.5 ---: REYKJAVIK 0202 DSC 100/E/170 MMSI 002510100 safety
geographical area call 68N 20W V09 H20, qsx 1761 (31/Dec)(DW)
02187.5 ---: ROGALAND RADIO 0753 DSC 100/E/170 GMDSS safety/Test to
self 002570300 (18/Dec)(DW)
02187.5 ---: SHETLAND 0022 DSC 100/E/170 MMSI 002320001 safety test
ack (31/Dec)(DW)
02187.5 ---: TJOME 0617 DSC 100/E/170 MMSI 002570100 safety test to
self (31/Dec)(DW)
02187.5 ---: TJOME RADIO 0743 DSC 100/E/170 GMDSS safety/Test to self
002570100 (18/Dec)(DW)
02187.5 636090081: 1735 Liberian ship "MB CARIBE" callsign
ELGJ9(container ship selcall 24924) GMDSS-DSC call to mmsi
2275300 (CROSS Corsen)no joy 12/01 (PP1)
02187.5 : MRCC Piraeus 2130 GMDSS All stations safety message for

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- 2799/2134 kHz. (03Jan04) (RGA)
- 02187.5 Aberdeen coastguard: mmsi 002320004 clg mv Global Producer III cs zqsd5 mmsi 235107000 for call on 2182kHz G DSC 100 26-12-03 01,38 (BVR)
- 02187.5 Aspropirgos: Attikis JRCC Piraeus mmsi 002391000 reply to testcall from unid mv mmsi 215490000 DSC 100 26-12-03 18,32 (BVR)
- 02187.5 Clyde coastguard: mmsi 002320022 clg all ships for mgs on 1883kHz G DSC 100 26-12-03 04,19 (BVR)
- 02187.5 EAD: Madrid radio mmsi 002241078 clg Mv Mar Rocio c/s ebug, mmsi 224880000 for telephone call on 12365kHz E DSC 100 25-12-03 23,17 (BVR)
- 02187.5 EAS: Bilbao radio E 06:05 DSC/100/170 Ident 002241021 calling Malaga0022411023 for a test (29 DEC)(PP)
- 02187.5 FRC: Cross Corsen mmsi 0022753000 clg all ships for mgs on 2182 khz F DSC 100 26-12-03 06,25 (BVR)
- 02187.5 FRL: Cross La Garde mmsi 002275400 clg himself for test F DSC 100 26-12-03 05,37 (BVR)
- 02187.5 GFKA: SHIP BLACKFRIARS 0754 DSC 100/E/170 232002774 GMDSS safety/Test to UKCG Milford Haven/002320017 (18/Dec)(DW)
- 02187.5 GJCR: UK Ship PO Dover 2140 GMDSS RQ for safety test with MRCC Oostende. (03Jan04) (RGA)
- 02187.5 Hellas coastguard: clg all ships within pos. 39 - 29 N and 20 -40 E for mgs on 2830 and 2134kHz GRC DSC 100 26-12-03 16,28 (BVR)
- 02187.5 Hellas coastguard: mmsi 002371000 reply to testcall from mv Sibirskii-2124 cs ubyc mmsi 273453310 GRC DSC 100 26-12-03 06,19 (BVR)
- 02187.5 Humber coastguard: mmsi 002320007 clg all ships for mgs on
- 02187.5 IPP: Palermo radio mmsi 002470002 reply to testcall from mv Laurana cs icel mmsi 247342000 qsy 2182kHz I DSC 100 26-12-03 07,22 (BVR)
- 02187.5 IRM: Roma radio mmsi 002470001 clg unid mv mmsi 247069700 for call on 2182kHz I DSC 100 26-12-01 01,58 (BVR)
- 02187.5 LFO: Orlandet radio mmsi 002576000 clg all ships for tx on 1782 and 2126kHz NOR DSC 100 25-12-03 16,48 (BVR)
- 02187.5 LGL: Floro radio mmsi 002570500 clg floro radio mmsi 002570500 for test NOR DSC 100 25-12-03 22,28 (BVR)
- 02187.5 LGN: Bergen radio mmsi 002570400 reply to testcall from mv Grampian Shield cs guhp mmsi 233045000 NOR DSC 100 26-12-03 08,40 (BVR)
- 02187.5 LGZ: Farsund radio mmsi 002570200 clg alls ships for mgs on 1785 and 2129 khz NOR DSC 100 25-12-03 (BVR)
- 02187.5 MPJZ9: UK Ship Grampian Fame 2138 GMDSS RQ to sister ship Grampian Cheftain/GWAT for simplex telephone link on 2122 kHz. (03Jan04) (RGA)
- 02187.5 Malaga: radio mmsi 002241023 clg La Coruna radio mmsi 002241022 for test E DSC 100 25-12-03 22,13 (BVR)
- 02187.5 Milford Haven: coastguard mmsi 0023320017 reply to testcall from unid mv mmsi 250115000 G DSC 100 26-12-03 16,30 (BVR)
- 02187.5 OST: Ostend radio mmsi 002050480 reply to call from unid mv 310165000 BEL DSC 100 26-12-03 01,08 (BVR)
- 02187.5 OXF: Qaqortoq R 0009 GMDSS/DSC clg all ships MMSI 003311000(24Dec03) (MO)
- 02187.5 OXJ: Torshavn radio mmsi 002311000 clg himself for cal on 1641 and 2066kHz DNK DSC 100 26-12-03 07,52 (BVR)
- 02187.5 OXZ: Lyngby radio mmsi 002191000 clg all ships for mgs on 1734 and
- 02187.5 OXZ: LyngbyRadio DNK 2123 GMDSS All stations safety message for 1758/ 2102 kHz. (Comes up on 1758 kHz USB at 2124z with s,curit, message in EE and Danish). (03Jan04) (RGA)
- 02187.5 OYR: Aasiaat R 0401 GMDSS/DSC testing to itself MMSI 003313000(25Dec03) (MO)
- 02187.5 OZL: Ammassilik radio mmsi 003314000 clg all ship for mgs on 2182kHz GRL DSC 100 26-12-03 09,54 (BVR)
- 02187.5 PBK: Netherlands CG clg all ships for mgs on 3673kHz HOL DSC 100 26-12-03 01,05 (BVR)
- 02187.5 SAG: Goteborg radio clg all ships for mgs on 2182kHz SWE

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02187.5 DSC 100 25-12-03 23,31 (BVR)
SPS: witowo radio mmsi 002610210 reply to testcall from mv
Maersk Bahrain cs c6qd8 mmsi 308852000 POL DSC 100
25-12-03 17,11 (BVR)

02187.5 Shetland coastguard: mmsi 002320001 reply to testcall from mv
Far Service cs msuq9 mmsi 233626000 G DSC 100
26-12-03 04,44 (BVR)

02187.5 Stornoway coastguard: mmsi 002320024 clg all ships for mgs on
02187.5 Unid: Coast station Finland mmsi 002300230 reply to testcall
from unid mv Mmsi 222222222 FNL DSC 100 25-12-03 17,04 (BVR)

02187.5 VQIM8: UK Ship Maersk Jarry 2138 GMDSS RQ for safety test
with Lyngby Radio/OXZ. (03Jan04) (RGA)

02214.0 NO CALL ; UNID GERMAN AIRFORCE d 19:29 arq-e/85,7/170 IDLE
BETAS (6JAN) (PPA)

02214.0 NO CALL: ; UNID GERMAN AIRFORCE d 19:29 arq-e/85,7/170 IDLE
BETAS (6JAN) (PPA)

02214.0 no call ; Unid German airforce D 19:29 ARQ-E/85,7/170 idle
betas (6 Jan)

02226.0 UKCG FALMOUTH: or HUMBER 1546 USB y1 weather Jan0104 ML
02226.0 UKCG: FALMOUTH ID(nearby clevedon) 0542 USB EE /om weather
forecastDec27 /ML

02250.0 OWD ; DNKAF Vaerloese DNK 18:44 USB/ALE calling OWP (6 Jan)
02250.0 OWD: DAF VAERLOESE 2334 MIL.STD 188-141A ALE on usb. Responds
to OWE (18/Dec)(DW)

02250.0 OWE ; DNKAF Karup DNK 18:36 USB/ALE calling OWP (6 Jan)
02250.0 OWE: DAF KARUP 2047 MIL.STD 188-141A ALE on usb. Clng OWK.
2334 clng OWD (18/Dec)(DW)

02250.0 OWE: DNKAF Karup DNK 18:36 USB/ALE calling OWP (6 Jan) (PPA)
02250.0 OWF: DAF SKRYDSTRUP 2249 MIL.STD 188-141A ALE on usb. Clng
OWI. 2250 responds to OWI (18/Dec)(DW)

02250.0 OWI: DAF AALBORG 2038 MIL.STD 188-141A ALE on usb. Clng OWK,
also 2238. 2211 clng OWD. 2250 clng OWF (18/Dec)(DW)

02250.0 OWP ; unid DNKAF DNK 18:39 USB/ALE calling OWE (6 Jan)
02250.0 owd: ; dnkaf VAERLOSE dnk 18:44 usb/ale CALLING owp
(6 JAN) (PPA)

02250.0 owe: ; dnkaf KARUP dnk 18:36 usb/ale CALLING owp (6 JAN)(PPA)
02250.0 owp: ; UNID dnkaf dnk 18:39 usb/ale CALLING owe
(6 JAN) (PPA)

02273.5 unid: German airforce ? D 06:48 ARQ-E/85.7/170 Idling with
Betas (29DEC)(PP)

02277.0 UKCG: HUMBER 1946 USB om weather Jan12 04 ML

02278.0 ---: GAF ?LOC 2306 ARQ/E 85.8/E/170 4rc. Betas (15/Dec)(DW)

02306.0 UNID: FISHERMEN 0552 USB d/x EE Dec27 / ML

02361.9 S5N4: Czech/Slovak Military 2203 MORSE/--/180 Marker; A820 de
S5N4 QTC ...1 21 2345 167 = A8ZO = WRYDE ... = S5N4 AR.
(21Dec03) (RGA)

02362.0 LZ7?: UNID 2312 CW (F1A) Tfc then clng(?) W4C8 2315-22z
(15/Dec)(DW)

02414.0 PE1TE (Petersborough NH EOC): 0959 USB/ALE sounding. Keene NH
EOC also sounding on this freq. 07/01 RP3

02423.2 : NATO Ship/Shore 1903 STANAG-4285/2400/USB Internal 600 Baud
data rate with long interleave. Encrypted. Good synch.
(09Jan04) (RGA)

02452 : NATO System 2256 STANAG-4285/2400/USB (21Dec03) (RGA)

02461.5 0A: IN HAULBOWLINE 2338 arq 100/E/170 "gr qsl an hd hgs" then
offline encrypted tfc. Ends "int qsl" (15/Dec)(DW)

02461.5 11: IRISH NAVY SHIP 2356 arq 100/E/170 Tfc (x3) in offline
encrypt to Haulbowline (15/Dec)(DW)

02461.5 13: IRISH NAVY SHIP AISLING(?) 2346 arq 100/E/170 "ga also
have 1 for u" (selcall CVVD) (15/Dec)(DW)

02461.5 41: IRISH NAVY SHIP 2342 arq 100/E/170 "rgr qsl tks ar"
(15/Dec)(DW)

02463 IDR/IGJ: Rome/Augusta Naval Radio 1908 RTTY/75/850 shows all
input channels idle. (09Jan04) (RGA)

02463.0 IDR: IN ROME 2156 RTTY 75/N/850 CARB eg "IDR3 /IGJ41 /IGJ43-
E-QSL 7853 /IDR2V /IGJ42 /IDR8 / " and occasional command
legemnds. (16/Dec)(DW)

02473.7 PBC (Dutch Navy, Goeree): 0455 RTTY 75bd/850hz w/carbs-VV02A

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04B 06A 08A 12B 17X 20X PBC. 19/01 RP3
02474.0 PBC: DN GOEREE ISLAND 2202 RTTY 75/N/850 CARB. Chans 06a 08a
active (16/Dec)(DW)
02505.0 dlgz BG21 Bredstedt: 1909 sitor-a #18140 position report
to #60460 kuezaz o 15-Jan-04 (wp3)
02505.0 dlgz: BG21 Bredstedt: 1909 sitor-a #18140 position report
to=#60460 kuezaz o 15-Jan-04 (wp3)
02531 OWE: RDAF FDK Karup 1941 ALE/USB Calls OWK/RDAF HQ Vedbaek.
who responds. Then brief modem traffic. (30Dec03) (RGA)
02531 OWF: RDAF Skrydstrup 2323 ALE/USB Calls OWK/RDAF HQ Vedbaek
who responds. (15Jan04) (RGA)
02531.0 OWD: DAF VAERLOESE 2031 MIL.STD 188-141A ALE on usb. Responds
to OWF (18/Dec)(DW)
02531.0 OWE: DAF KARUP 2004 MIL.STD 188-141A ALE on usb. C'ng OWF.
2042 c'ng OWK. 2205 responds to OWF. Also 2214. 2009 c'ng
OWP. (18/Dec)(DW)
02531.0 OWF: DAF SKRYDSTRUP 2004 MIL.STD 188-141A ALE on usb. C'ng
OWE, also 2205 2214. 2006 c'ng (?) 2031 c'ng OWD. 2031 2049
c'ng OWI. 2042 2241 c'ng OWP. 2049 c'ng OWF. 2305 c'ng OWK
(18/Dec)(DW)
02531.0 OWI: DAF AALBORG 2031 MIL.STD 188-141A ALE on usb. C'ng OWF.
Also at 2214. 2238 c'ng OWK (18/Dec)(DW)
02531.0 OWP: DAF ?LOC 2009 MIL.STD 188-141A ALE on usb. C'ng OWE
(18/Dec)(DW)
02582.0 Bermuda Harbor: 0439 USB w/MIB & ship navigational warnings.
19/01 RP3
02598 4RDO: Ukranian Military 2207 CW Msg for P3YW (broadcast) 708
68 17 2349 708 = 125 = AAAAA DDDDD DuZFO ... OozAF AVKEE =
Repeats. Ending = QLN AR. (17Dec03) (RGA)
02598 HF4H: Ukranian Military Bcast 2134 CW HF4H QTC 546 68 17 2320
546 = ZVT 125 = DDDDD QXLWN TFuOL ... hETDF AVKED = repeats
ending RPT AL QLN AR. (17Dec03) (RGA)
02598 SO8D: Ukranian Military 1705 CW To ZRXC: QBE QYT3 QBE QYT3
AR. Then same to 1TKW. Station broadcasts only. Night freq
from 1700z. (18Dec03) (RGA)
02598 SO8D: Ukranian Military 1729 CW To W901: ZFC ZZQ ZQW QYT3
(Rpts) AR. (18Dec03) (RGA)
02598 VOK: Labrador Coast Guard Radio, Goose Bay 0137 USB
w/scheduled MIB. (19Dec03) (RB)
02598.0 O/M (EE): 0615 USB " Testing on 2598..1-5, 5-1. Out".
08/01 RP3
02598.0 VCG (Canadian CG-Riviere-au-Renard, Quebec): 0437 USB w/wx
forecasts in FF. Simultaneous on 02749.0. 19/01 RP3
02598.0 VCG (Canadian CG-Rivieres-au-Renard): 0440 USB w/MIB in FF.
08/01 RP3
02598.0 VCM (Canadian CG-St Anthony, NFL): 0108 USB w/MIB & wx for
Grand Banks area. 09/01 RP3
02598.0 VCM (Canadian CG-St Anthony, NFL): 0112 USB w/MIB & wx in EE.
13/01 RP3
02598.0 VCP (Canadian CG-Placentia NFL): 0051 USB w/MIB in EE for
Grand Banks & Maritimes area. 09/01 RP3
02598.0 VCS (Canadian CG-Halifax), VON (Canadian CG-St Johns), VCO
(Canadian CG-Sydney): 0635 USB w/FF & EE broadcasts of gale
warnings for Eastern Canada coastal areas and adjacent
waters. 08/01 RP3
02598.0 VOJ (Canadian CG- Port-au-Basques, NFL): 0209 USB w/maritime
wx in EE/FF. 09/01 RP3
02598.0 VOJ (Canadian CG-Port Au Basques, NFL): 0210 USB w/MIB in EE.
08/01 RP3
02598.0 VOJ (Canadian CG-Port-Aux-Basques, NFL): 0207 USB w/wx.
18/01 RP3
02598.0 VOK (Canadian CG-Goose Bay,Labrador): 0138 USB w/MIB & wx.
09/01 RP3
02598.0 VOK (Canadian CG-Labrador NFL): 0147 USB w/wx forecasts in
EE. 18/01 RP3
02598.0 VON (Canadian CG-St Johns NFL): 00010 USB w/MIB & wx in EE.
13/01 RP3
02598.0 VON (Canadian CG-St Johns NFL): 0010 USB w/MIB & gale

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warnings in EE. 16/01 RP3

02598.0 VCM: (Canadian CG-St Anthony, NFL): 0108 USB w/MIB & wx for Grand Banks area. 09/01 RP3

02598.0 VCM: (Canadian CG-St Anthony, NFL): 0112 USB w/MIB & wx in EE.13/01 RP3

02598.0 VCP: (Canadian CG-Placentia NFL): 0051 USB w/MIB in EE for Grand Banks & Maritimes area. 09/01 RP3

02598.0 VOJ: (Canadian CG- Port-au-Basques, NFL): 0209 USB w/maritime wx in EE/FF. 09/01 RP3

02598.0 VOK: (Canadian CG-Goose Bay, Labrador): 0138 USB w/MIB & wx. 09/01 RP3

02598.0 VON: (Canadian CG-St Johns NFL): 0010 USB w/MIB & gale warnings in EE. 16/01 RP3

02606.7 FOU (FR Navy, Toulon): 0239 RTTY 75bd/850hz testing. 13/01 RP3

02608.4 FOU: FN TOULON 2323 RTTY 75/N/850 Marker "oo FAAA de FOU znr uuuuu zui testing RY's SG's nnnn" (16/Dec)(DW)

02608.4 FOU: FN Toulon 1910 RTTY/75/850 Test idlers. (09Jan04) (RGA)

02609.0 FOU (FR Navy Toulon): 0500 RTTY 75bd/850hz w/testing. 19/01 RP3

02616.6 Bracknell Meteo: 2155 Bracknell w/Fleet weather Northwood Fax map of North Atlantic and Scandinavia, nominal channel 2618.5 khz 05/01(PP1)

02617.0 GYA: RN NORTHWOOD 2315 FAX 120/576/N/800 upper air chart 300 hpa 24hr prog. Variable quality. (16/Dec)(DW)

02626.0 unid: 0449 USB danish? September/17 (ML)

02630.0 DAO2: KIEL RADIO 2321 CW Chan free marker. Periodic cw ID "cq de DAO2" (16/Dec)(DW)

02642.0 ICB: GENOA R 2143 USB italian weather September/24 (ML)

02663.0 IPC: CROTONE R (deep south italy) 2144 USB italian weather =September/24 (ML)

02670 : Unid CG Group 0410 Clg vsl Atlantic Queen. May be a distressed vessel. Coast Guard sometimes brings them here for comms schedules. They are being covered by a scheduled marine broadcast by Group woods Hole right now....(22Dec03) (RB)

02670 : Unid USCG Group. Poss NMB 0425 USB with scheduled Marine Info Broadcast (MIB), USCG Group Charleston listed on NOAA site here at 0420. Too weak for ID. (21Dec03) (RB)

02670 ACTIVITIES: Unid USCG 0415 USB wkg vessel Atlantic Queen w/scheduled comms for position. Possibly USCG Activities Baltimore. (21Dec03) (RB)

02670 NMG: USCG Group New Orleans LA 0605 USB At conclusion of scheduled MIB. (21Dec03) (RB)

02670.0 NMN13 (CG Group Hatteras): 0134 USB w/MIB. 09/01 RP3

02670.0 NMN70 (CG Group Chincoteague, VA): 0235 USB w/MIB & wx for Baltimore Canyon & Hatteras Canyon areas. 08/01 RP3

02670.0 Unidentified: CG Station: 0110 USB w/Marine Information Bulletin (MIB) for South Carolina area. 01/10 RP3

02670.0 NMN13: (CG Group Hatteras): 0134 USB w/MIB. 09/01 RP3

02679.7 Unid: 0505 Fax. weak signal and unclear picture. Appears to be upper air wx chart. Cannot tell geographic area. 16/01 RP3

02671.3 dbfm: FSB Meerkatze: 1840 sitor-a #99926 position report 15-Jan-04 (wp3)

02671.3 dbfo: FSB Seefalke: 1848 sitor-a position report 15-Jan-04 (wp3)

02677.0 CROSS CORSEN: 0643 UDB FF om "avurnav local n° 3630" Jan0204 ML

02677.0 CROSS CORSEN?: 0619 USB om sea weather Jan06 04 ML

02679.7 Unid: 0505 Fax. weak signal and unclear picture. Appears to be upper air wx chart. Cannot tell geographic area. 16/01 RP3

02680.0 IDC: 1941 Cagliari Radio , weather forecast in Italian,USB30/09 (PP1)

02684.5 unid: German airforce ? D 07:27 ARQ-E/85.7/170 Idling with Betas (29DEC)(PP)

02719.0 IZN: 1942 Porto Torres R , weather forecast in Italian,USB30/09 (PP1)

02719.0 IZN: PORTO TORRES R 2029 USB italian weather oktober/3 (ML)

02719.0 IZN; PORTO TORRES <SARDINIA> 0740 USB italian weather

Jan11 04 ML
 02720.0 SPS WITOWO: 0741 USB polish yl Jan11 04 ML
 02749 VCO: CCG, Sydney CG Radio NS 0040 USB with scheduled MIB.
 (20Dec03) (RB)
 02749.0 VAR (Canadian CG-Fundy): 0205 USB w/Notices to Shipping in
 EE/FF for New Brunswick, Passamequody Bay, Bay of Fundy, Nova
 Scotia & Southeast Coast. 09/01 RP3
 02749.0 VAR (Canadian CG-Fundy): 0208 USB w/MIB for New Brunswick &
 Prince Edward Island in FF/EE. 08/01 RP3
 02749.0 VAR (Canadian CG-Fundy,NB): 0145 USB w/MIB & wx in EE.
 18/01 RP3
 02749.0 VCO (Canadian CG-Sydney): 0049 USB w/MIB in EE/FF. 09/01 RP3
 02749.0 VCS (Canadian CG-Halifax): 0241 USB w/wx for Maritimes.
 13/01 RP3
 02749.0 VCS (Canadian CG-Halifax): 0242 USB w/MIB & wx for Maritimes.
 08/01 RP3
 02749.0 VCS (Canadian CG-Halifax,NS): 0200 USB w/MIB in EE. 18/01 RP3
 02761.0 OSU: OSTENDE R 0638 USB eng navig warnings Oct/12 (ML)
 02785.6 : Prob Spanish Navy Bcast RTTY/75/850 Telecipher. // 4279
 6458 8465. (09Jan04) (RGA)
 02788.0 FUE (FR Navy, Brest): 0234 RTTY 75bd/850hz testing. 13/01 RP3
 02800.0 4XZ: IN HAIFA 2354 CW Marker "vvv de 4XZ==" (16/Dec)(DW)
 02808.5 ---: GAF ?LOC 1853 ARQ/E 85.7/E/170 4rc. Online encrypted tfc
 with slow transfer rate (multiple RQs) (17/Dec)(DW)
 02808.5 : Unid. German(?) 1915 ARQ-E/86/160 Encrypted.
 (22Dec03) (RGA)
 02808.5 NO CALL ; UNID GERMAN AIRFORCE d 19:48 arq-e/85,7/170
 ENCRYPTEDTRAFFIC (6 JAN) (PPA)
 02808.5 NO CALL: ; UNID GERMAN AIRFORCE d 19:48 arq-e/85,7/170
 ENCRYPTEDTRAFFIC (6 JAN) (PPA)
 02808.5 no call ; Unid German airforce D 19:48 ARQ-E/85,7/170
 encrypted traffic (6 Jan)
 02839 : CIS Military 1919 CW Gives corrections to 5LG msg.
 (09Jan04) (RGA)
 02839 Q8BA: CIS Military 2100 CW Q8BA JRD6 LG1U and 7WN8 respond to
 a comms check by unid NCS - QSX not found. (09Jan04) (RGA)
 02899.0 ATC NAT: 0612 USB working shanwick DELTA1, DELTA28 (NEW YORK>
 LYON)Dec27 /ML
 02899.0 Delta 84: 0554 DAL084 AG-BP N194DN B767 USB 14/10 (PP1)
 02899.0 Gander Radio (MWARA NAT-B): 0320 USB w/Delta 22 (not heard)
 asking him to relay clearance on VHF guard freq to Air India
 112. Shanwick & Santa Maria also on this freq. 08/01 RP3
 02899.0 Reach185: 0600 RCH185 pos rpt USB 14/10 (PP1)
 02899.0 USA126: 0558 USA126 BP-HR N675US A330 USB 14/10 (PP1)
 02899.0 United966: 0552 UAL966 AG-FS N650UA B767 USB
 14/10 (PP1)
 02962.0 Santa Maria (MWARA NAT-E): 0526 KLM 621 w/position report.
 16/01 RP3
 03080.0 UNID: pirate? 1605 USB spanish duplex October/11 (ML)
 03084.0 Unid: 0258 RTTY 75bd/850hz. Possibly VRW. Transmission
 started DEVRWDEVRWDEVRW then rest not decoded. 08/01 RP3
 03085.5 Unid: 0515 RTTY 75bd/850hz. Xmission starts
 VJYYYYZZKZZKZZKZRHSRHSRHS. 19/01 RP3
 03085.7 Unid: 0355 RTTY 75bd/850hz. 19/12 RP3
 03103.2 Unid: -301 RTTY 75bd/850hz. 26/12 RP3
 03126.5 Unid: 0518 RTTY 75bd/850hz. Xmission starts
 SYNGSYNGSYNGSYNG10G10G10VUIJT. 19/01 RP3
 03127.7 Unid: 0400 RTTY 75bd/850hz w/possible encrypted trfc. Signs
 off w/WWWWWWYUZYUZYUZYU. 19/12 RP3
 03130.0 IB888: Unid 0250 CW Possible fishnet buoy (29/09/03) (AJP)
 03131.0 unid: 2145 USB italian duplex September/24 (ML)
 03133.5 Unid: 0520 RTTY 75bd/850hz. Xmission starts EBCDYY
 RCHYZCHYZCHYZCHYZ JGDF JGDF JGDF JGDFZGV. 19/01 RP3
 03137.0 CRO: USAF CROUGHTON 2229 MIL.STD 188-141A ALE on usb.
 Sounding. Also 2326 (17/Dec)(DW)
 03137.0 ICZ: USAF SIGONELLA 2344 MIL.STD 188-141A ALE on usb.
 Sounding. (17/Dec)(DW)
 03137.0 IKF: USAF KEFLAVIK 2306 MIL.STD 188-141A ALE on usb. CIng

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ICZ/Sigonella. Also at 2307, 2309. 2313 sounding. 2317 c1ng
HAW/Ascension (17/Dec)(DW)
03137.0 PLA: USAF LAJES 2303 MIL.STD 188-141A ALE on usb. Sounding.
Also at 2322z (17/Dec)(DW)
03166.5 ---: GAF ?LOC 2049 ARQ/E 85.7/E/170 4rc. Online encrypted tfc
(17/Dec)(DW)
03166.5 DHM91: GAF MUNSTER 0512 ARQ-E 85.7 "os...os...os..."idling =
September/28 (ML)
03176.0 ---: UNID 2051 CW Tfc in offline encrypt with accented
letters (17/Dec)(DW)
03176.5 : Unid. German(?) 1922 ARQ-E/86/160 Encrypted. Not // 2808.5
(22Dec03) (RGA)
03176.5 NO CALL ; uNID gERMAN AIRFORCE d 20:15 arq-e/85,7/170
ENCRYPTED 6/jan/04 (PPA)
03176.5 NO CALL: ; uNID gERMAN AIRFORCE d 20:15 arq-e/85,7/170
ENCRYPTEDTRAFFIC (6 JAN) (PPA)
03176.5 no call ; Unid German airforce D 20:15 ARQ-E/85,7/170
encrypted traffic (6 Jan)
03207 CQMT: Russian Military 2009 CW Msg for 1MJE 535 26 18 2304
535 = 187 = ONLMK MMMMM IEBCH ... ITEYD aIPWE = 962 RPT AL K.
(18Dec03) (RGA)
03207 CQMT: Russian Military 2058 CW Comms check with F93L D8PN
P6PX ABAT 3UKS 1MJE PXXI GENT. (18Dec03) (RGA)
03207.0 BIQR ; CIS Millitary 20:28 A1A calling KILP for a 5L Cyrrilic
message (6 Jan)
03207.0 biqr: ; cis mILLITARY 20:28 a1a CALLING kilp FOR A 5L
CYRRILIC MESSAGE(6 JAN) (PPA)
03211 ARJD: CIS Military 2302 CW DINR de ARJD QRV K.
(18Dec03) (RGA)
03211 G3VN: CIS Military 2215 CW NDO5 de G3VN QRV K (Intermittent
jamming). G3VN R 079 K. (18Dec03) (RGA)
03211 YXFO: CIS Military 2221 CW Many replies to comms check
requested by NCS 9Y8P from YXFO X6VM BZTC 6?9E ??6Z GFH8 G3VN
6JSG BXQY and others too weak to copy. NCS freq not found. A
very large duplex net. (18Dec03) (RGA)
03217 AKVL: Russian Military 2250 CW Comms check with TFPR E8MU
AW90 T9OD FXSZ. (30Dec03) (RGA)
03217 HQFD: Russian Military 0003 CW Msg for CKQM 907 36 10 0252
907 = 320 = aUPTa EULYV ... YOFVT aPPEE = 218 RPT AL K. CKQM
reads back message on usual QSX freq 3393 kHz.
(10Jan04) (RGA)
03217 HQFD: Russian Military Bcast 0017 CW Msg to collective NKNZ
QTC 703 43 10 0254 703 = ZKW 515 = AoYLV ZhYOU = TuJOA aPPEE
= 218. Repeats message ending AR. Followed by 42-group msg
from XCX8 to HTQ8. (10Jan04) (RGA)
03224 : Unid. DeltaFix DGPS? 1810 2-PSK 100 (03Jan04) (KB)
03227.6 : Unid. DeltaFix DGPS? 1810 2-PSK 100 (03Jan04) (KB)
03240.0 #'s:M08A - Cuba 1030 z Aug 29, 2003 CW 5f traffic [SN]
03245 UCE: Arkhangel'skRadio 1925 ARQ Autotelex. (22Dec03) (RGA)
03264.4 SAB: Globe G"teborg SWE 1931 ACB462 Idlers. (09Jan04) (RGA)
03288.5 DHM91: GAF MUNSTER 0517 ARQ-E 85.7 idling September/28 (ML)
03291.0 OWE: DAF KARUP 2331 MIL.STD 188-141A ALE on usb. C1ng
OWD/Vaerloese (17/Dec)(DW)
03291.0 OWF: DAF SKYDSTRUP 2243 MIL.STD 188-141A ALE on usb. C1ng
OWK/Vedbaek (17/Dec)(DW)
03291.0 OWI: DAF AALBORG 2233 MIL.STD 188-141A ALE on usb. C1ng
OWK/Vedbaek (17/Dec)(DW)
03292 : Enigma V2A 0200 USB Strong/readable S7.5. Into message.
(30Dec03) (CA)
03292 : Enigma V2A 0400 USB Vert weaj/unreadable. Into message.
(30Dec03) (CA)
03293.0 ---: UNID 2119 CW Tfc in offline encrypt with accented lts
and hand keying. (17/Dec)(DW)
03302.8 : DeltaFix DGPS Bjergerborg, DNK? 1800 2-PSK 100. Has been
active for at least 12 years now (03Jan04) (KB)
03349.6 : Unid. DeltaFix DGPS? 1810 2-PSK 100. ACF indicates 0.6 s
cycle (03Jan04) (KB)
03350 : Unid. DeltaFix DGPS? 1810 2-PSK 100 (03Jan04) (KB)

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03354 2MS5: CIS Military 2227 CW Ends message. Calls up S??7 TWWF
TA9Y B1SM 5OAJ and AL6X for QSLs. (22Dec03) (RGA)

03364 : CIS Military 1935 CW Ends 74-group msg RPNQI KIKVG = 991 K.
(09Jan04) (RGA)

03364 HNIW: Russian Military 2035 CW Msg for TKL3 340 69 9 2328 340
= 991 = WauCE XQSZM ... THSCQ POPYY = 991 K. (09Jan04) (RGA)

03383.0 PBC: DN GOEREE ISLAND 2145 RTTY 75/N/850 CARBS. Weak, poor
copy - spur? (17/Dec)(DW)

03390.0 MGJ: RN FASLANE 2152 RTTY 75/N/850 CARB "02 04 MGJ"
(17/Dec)(DW)

03413.0 Shannon: 0243 USB w/volmet. 09/10 RP3

03476.0 MWARA-Gander: 0323z USB wkg DELTA 124 w EQAH Selcal check.
(28/Dec/2003) (ALS)

03476.0 MWARA-Gander: 0332z USB wkg AERO MEXICO 005 passing 0736z ETA
at LFBG (Chateaubernard, Cognac France); BCJS Selcal.
(28/Dec/2003) (ALS)

03476.0 MWARA-Gander: 0333z USB wkg DELTA 665 w position rpt; handoff
to Shanwick, this freq. (28/Dec/2003) (ALS)

03476.0 MWARA-Gander: 0335z USB wkg ADM 6154 (Aerolinas Dominacas,
Dominican Rep) w position rpt at 54 North, 20 West, relayed
by Gander to Shanwick. (28/Dec/2003) (ALS)

03476.0 MWARA-Gander: 0347z USB wkg DELTA 108 w position report at 49
North, 40 west; handoff to Shanwick, this freq.
(28/Dec/2003) (ALS)

03476.0 MWARA-Gander: 0400z USB wkg DELTA 124 w position report at 51
North, 40 west. (28/Dec/2003) (ALS)

03476.0 MWARA-Gander: 0556z USB wkg EL AL 027 w position report; ATC
wishes "Happy Chanukah." (28/Dec/2003) (ALS)

03476.0 MWARA-Gander: 0641z USB wkg REACH 7046 (Charleston AFB 437AW
C-17A #97-0046) w position report at 51 North, 40 west;
handoff to Shanwick, this freq. (28/Dec/2003) (ALS)

03485.0 GANDER VM: 0629 USB winnipeg ... Dec27 /ML

03582 : CIS Military 1928 CW Ends msg ... DJDQD WWPWU K. QRV K. OK
RPT AL QLN K. (22Dec03) (RGA)

03582 SP1K: CIS Military 2001 CW 5PIK YXOK SK6X and GGTO respond to
unid with OK RPT AL QLN K. (22Dec03) (RGA)

03593,3 dlvk ZB Hiddensee: 2050 sitor-a #74192 position report
15-Jan-04 (wp3)

03735 LN31: Algerian MOI 2129 ALE/USB Calls AL32. (18Dec03) (RGA)

03741 Z1AE: Ukranian Military Bcast 2054 CW Z1AE QTC 174 62 22 2230
174 = 287 = BCYTA NIQMS ... PJoBu BBKEB =. Repeats msg ending
RPT AL QLN AR. (22Dec03) (RGA)

03775 FTAY: Ukranian Military 2332 CW Msg to SMH8 737 73 23 0120
737 = 644 = AAAAA BNahC IQVNP ... UUhaR BWKVA K.
(22Dec03) (RGA)

03782.0 CTP: PN LISBON 1907 RTTY 75/N/850 Marker "NAWS de CTP qsx 04
08 12 16 mhz ar" (18/Dec)(DW)

03810 HD2IOA: Guayaquil TS EQU 0825 AM (LSB) Beeps, time
announcement at full minute (30Dec03) (KB)

03826.0 ---: UNID 1918 CW Tfc in offline encrypt (5fig grps). Later 5
ltr grps with accented ltrs (18/Dec)(DW)

03855.0 DDH3: HAMBURG MET 1935 FAX 120/576/N/800 Upper air chart for
N/Atlantic and Europe. 1940z new chart also upper air
(18/Dec)(DW)

03875.0 unid: 0553 USB french fishermen September/28 (ML)

03881.0 FAV22: FA MONT-VALERIEN 0940 CW Code practise session lecon
25-2/2 into "clair" in FF. Lecon 25-2/3 returns to code
(16/Jan)(DW)

04007.0 NNN0HCZ: 0153 SITOR-B 100/170 Navy MARS frequency usage
reports, i/p. 04/Jan/2004 BenM

04021.5 MAR: 1619 USB french fishermen "guernesey...."
October/11 (ML)

04023.9 AAT3CE (MARS station): 0039 USB w/NNN0KTT (MARS station).
13/01 RP3

04026 : Enigma M8A 0300 USB strong/readable s6.5. Into message.
(30Dec03) (CA)

04032 ZSJ: SAN Silvermine 1745 MFSK 54.5bd. file://6410.
(01/Jan/04) (RH2)

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04033.5 ZSJ: SAN silvermine 0037 MFSK32/54.5bd. (22/Dec/03) (RH2)
04079 RMP: Russian Navy Kaliningrad 1759 CW NAWIPs. (03Jan04) (RGA)
04137.0 unid: ship 0900 USB french fishermen d/x Jan10 04 ML
04146.0 unid: 1839 USB french duplex fishermen "clapot...noroit
=...houle..." September/21 (ML)
04149.0 USCG: 1845 USB eng slow weather September/21 (ML)
04155.0 UNID: SHIP 2025 USB> with a big sig 3 > russian d/x
Jan07 04 ML
04179 REA4: AFHQ Moscow 1741 CW Routine 18180 bcast to aircraft. //
7018. (18Dec03) (RGA)
04207.5 002371000: Unid Greek vs1 2119 GMDSS/100/170 calls another
unid Greek vs1 237798100 with safety call for 4125 khz.
(29Dec03) (RGA)
04207.5 215213000: Unid vs1 1720 GMDSS/100/170 calls LyngbyRadio/OXZ
with RQ for safety test. No response noted. (31Dec03) (RGA)
04207.5 9VWV: vs1 Star Isoldana 1926 GMDSS/100/170 Sets up simplex
telephone call to sister vessel Star Inventana/9VVS on 4185
khz. (31Dec03) (RGA)
04207.5 : Unid Stn 0-1776000 1951 GMDSS/100/170 Sends routine call to
Norwegian vs1 Senja/LBHB. Purpose unknown. (31Dec03) (RGA)
04207.5 EAXT: Spanish vs1 Playa de Arneles 2022 GMDSS/100/170 Sets up
probable simplex telephone call on 2552 khz with vs1 Patricia
Sotelo/EAVX. (31Dec03) (RGA)
04207.5 HOTL: Panamanian Reg vs1 Veracruz-I 2023 GMDSS/100/170
Transmits all- stations safety call giving Channel 412 for
J3E. Tries for channel 417 at 2039z. (29Dec03) (RGA)
04207.5 LZEE: vs1 Ivan Zubabanski 1828 GMDSS/100/170 Sends All ships
safety message for F1B/J2B/FEC on 4218.5 khz. (31Dec03) (RGA)
04207.5 LZEE: vs1 Ivan Zubanski 1943 GMDSS/100/170 Sets up apparant
simplex telephone call to another Bulgar ship Stioko
Peev/LZGX. The 1828z call was probably in error.
(31Dec03) (RGA)
04207.5 UARP: Russian vs1 Soura 1921 GMDSS/100/170 BQ to set up
direct simplex telephone conversation with Russian vs1
Svyatoy/UDBQ on 4200 khz. (29Dec03) (RGA)
04207.5 UCYR: Russian vs1 Soromovskii-3068 2012 GMDSS/100/170 RQ test
with LyngbyRadio/OXZ receives immediate BQ. (29Dec03) (RGA)
04207.5 VSPR3: British vs1 Finnulp 2014 GMDSS/100/170 Sets up
simplex 'phone call to sister ship Finnhawk/ZOXQ7 on 4149
khz. (31Dec03) (RGA)
04210 L2C: PNA Buenos Aires 0050 FEC Navwngs/SS. (22/Dec/03) (RH2)
04214 IDR2: IN Rome 1755 RTTY/75/850 Carbs. V Clear.
(01/Jan/04) (RH2)
04214.0 Italian Navy-Rome: 0533 RTTY 75bd/850hz. IDR3 /OURIGJ43 /IDR2
/IGJ42 /IDR8 /CANALE OCCUPATO DA UTENTE NON IDENTIFICATO
04218 OST: OstendRadio BEL 231 ARQ w/Morse ID. (21Dec03) (RGA)
04246.0 ---: Unid 0310 Unid mode. CROWD36? (29/09/03) (AJP)
04270.0 CFH (CANFORCE METEO HALIFAX NS): 2250 RTTY 75/bd/850hz w/wx.
Also noted on 06495.0. 07/01 RP3
04270.0 CFH (Canforces Meteo-Halifax): 0309 Fax. wx for Maritimes.
08/01 RP3
04270.7 CFH: CF HalIFAX 0034 RTTY/75/850 Aero wx. file://6496
(22/Dec/03) (RH2)
04270.7 CFH: CF HalIFAX/ 0435 RTTY/75/850 Aero wx. file://6502
(29/Dec/03) (RH2)
04271.7 CFH: 0241 RTTY 75bd/850hz w/wx. 26/12 RP3
04282.0 CWM: Montevideo R 0128 CW WX (17/12/03) (AJP)
04292.0 Poss RN Cadets (MFQ): 0540 RTTY 75bd/850hz.
CQQJXKQQJQGLKXTJQEMFQ. 19/01 RP3
04292.5 FUE: Brest France 2359 RTTY/75/850 USB Normal FAAA DE FUE
Bdcasting FAAA DE FUE BONNE ANNE A TOUS RYS and SGs.
(01Jan04) (CA)
04292.7 FUE (FR Navy, Brest): 0225 RTTY 75bd/850hz testing. 09/01 RP3
04295 HFB: Unid UK Military 2337 ALE/USB Sounds. (15Jan04) (RGA)
04296.0 FUE: (FR Navy Brest): 0240 RTTY 75bd/850hz w/testing.
26/12 RP3
04310.2 : NATO System 1845 STANAG-4285/2400/USB 600 Baud encrypted
data with short interleave. Variable synch. (09Jan04) (RGA)

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04316.0 NMG (CG New Orleans): 2245 USB w/"Perfect Paul" wx. 07/01 RP3
04317.9 : Moscow Meteo 1446 FAX Unid chart with few number entries,
might be tropopause analysis. (30Dec03) (KB)
04329 : Enigma V2A 0400 USB Fair-weak/mostly readable. Into
message. (01Jan04) (CA)
04331.0 4XZ: 2215 Israeli Navy Haifa CW loop 'de 4xz"
05/01(PP1)
04333.7 RFVIE: FN Le Port 0031 RTTY/75/850 RY/ID/Testing de FUX.
(22/Dec/03) (RH2)
04363.0 3AC4: MONACO 0702 USB calling Dec27 /ML
04363.0 3AC: MONACO R 0700 USB FF calling Jan0204 ML
04364.5 3AC: MONACO RADIO 1655 PACT-II 100bd Tfc List (28/Dec)(DW)
04369.0 WLO: MOBILE R ALABAMA ! 0608 USB y1 weather "miami...." =
September/28 (ML)
04380.0 UNID: MAR?? 0728 USB slavonic unid Jan0204 ML
04408 LHH: Unid 0526 ALE/USB calling (04Jan04) (KB)
04408 P7L: Unid 0447 ALE/USB calling w47 and 3TJ (04Jan04) (KB)
04426.0 NMN: PORTSMOUTH USCG 0502 USB eng bulletin September/20 (ML)
04433.2 O/M (CC): 0043 USB w/O/M (CC). 13/01 RP3
04435.0 Rijeka Radio 2150 intermittent tape in Balkan Slavic
language; prob Croatian USB 18/01 (PP1)
04442 : NATO Air Defence System 2317 LINK-11/2250/USB Tadi1-A.
(21Dec03) (RGA)
04442 : NATO Tactical Data System 1644 LINK-11/2250/USB TADIL-A.
(12Jan04) (RGA)
04465.0 UNID: CIS MIL?? any idea 0711 USB russian??(long time of
transm)received also in NZ (furrything) Dec27 /ML
04469.0 FL CAP WING NET: 0130z USB wkg FL CAP 1030 (NCS) w check-ins
incl FL CAP 1004, IOWA CAP 4, FL CAP 327. (28/Dec/2003) (ALS)
04469.0 Tennessee CAP 41 (Civil Air Patrol): 0204 USB w/net check-
ins. Iowa CAP (not heard) checks in. 14/01 RP3
04479 : Enigma V2A 0300 USB Fair-strong/readable S8. Into message.
(01Jan04) (CA)
04490.0 FL4FEM: (Florida State EOC, Talahassee): 0928 USB/ALE
sounding. 08/10 RP3
04520.0 UNID: FISHERMEN 0748 USB spanish d/x cambio...Dec27 ML
04530 K6C000OGBMRM2: Unid 0834 ALE/USB Clg V1S0000EKCOPER who
responds. (01Jan04) (KB)
04530 K6C000OGBMRM2: Unid 2158 ALE/USB calls V1S0000EKCOPER.
(09Jan04) (RGA)
04530 SHQIPONJA: Albanian Mil 2033 ALE/USB Clg DRINI DRI.
(31Dec03) (KB)
04530 V1S0000EKCOPER: Unid 1947 ALE/USB Clg K6C000OGBMRM2 who
responds. Later call signs V1S and K6C used (31Dec03) (KB)
04530 WWA: Albanian Mil(?) 1936 ALE/USB clg DRI (31Dec03) (KB)
04550 K6C000OGBMRM2: Unid 1957 ALE/USB Calls V1S0000EKCOPER. Then
unknown wideband fast modem in USB. (30Dec03) (RGA)
04550 K6C000OGBMRM2: Unid 2003 ALE/USB clg V1S0000EKCOPER.
(03Jan04) (KB)
04550.0 K6C000OGBMRM2: 2341 unid calling V1S0000EKCOPER ALE/USB
13/01(PP1)
04550.0 K6C: 2354 unid K6C calling V1S0000EKCOPER ALE/USB
13/01 (PP1)
04555.2 GCG: CUXHAVEN 0809 SIT A sea forecast "helgoland..."
Jan11 04 ML
04555.2 GCG: CUXHAVEN 0845 ARQ UOS seewetterbericht txt saved
October/11 (ML)
04559.0 Unid: CW monitored from 15:20 utc until 16:05 utc; no
callsigns 4/oct/03 (JR)
04563.2 : NATO System 1755 STANAG-4285/2400/USB 600 Baud data rate
with long interleave. Solid synch. Data is encrypted.
(09Jan04) (RGA)
04583.0 DDK2: HAMBURG 0835 BAU50 SYNOP atlantic ships met reports
Jan11 04 ML
04583.0 DDK2: HAMBURG MET 0850 ITA2/50 October/11 (ML)
04584.0 Unid: 05435,0 ART2: Mossad, Israel 22:30 utc AM YL voice say
"ART2 ART2 ART2 27/12 (SP1) 20:42 utc CW 27/12 (SP1)
04586.0 Unid: 20:05 utc CW Msg with letters and numbers 27/12 (SP1)

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04593.5 AFA1HS (MARS station): 0058 USB calling AFA1YG & AAV5BH w/no response. 14/01 RP3

04608.1 GYA: FWC Northwood UK 2316 FAX/120/576 Chart. Fleet Svcs. Good with slight fading. (21Dec03) (CB)

04622.7 : Unid NATO 0105 RTTY/75/850 RY's + VMGTC etc. (22/Dec/03) (RH2)

04650.0 JADE (Mexican Army): 0055 USB/ALE TO RM9 (Mexican Army, Military Region 9). 15/01 RP3

04670 860PS: USAF 86 AW Ops Associated 2021 ALE/USB Sounds. (30Dec03) (RGA)

04700.0 Unid: 0240 RTTY 75bd/850hz. Poss Royal Navy: transmission starts RRWVVVVVVVEPQEPQEPQOWKAMVN. 15/01 RP3

04711 : RN? Fleet Bcast 1455 NATO-75/75/850 // 9000 and 11123. 4711 is due north from SW England - probably from Skelton. (03Jan04) (RGA)

04721 270048: USAF C-17 97-0048(?) 2157 ALE/USB Sounds. (09Jan04) (RGA)

04721 ADW: USAF Andrews AFB MD 2322 ALE/USB Sounds. with CRO/Croughton. (15Jan04) (RGA)

04721 IKF: US NAS Keflavik ICE 2149 ALE/USB Sounds. (09Jan04) (RGA)

04721.0 CFH: HALIFAX 0653 ITA2/75 weather forecast Dec27 /ML

04721.0 IKF: 1806 ALE to CRO / Jan03 04 ML

04721.0 USAF HAW: ASCENSION 1921 ALE SNDJan0204 ML

04730 TISCOM: USCG Tels & Info Net Cmd Alexandria VA 2123 ALE/USB Sounds. (18Dec03) (RGA)

04736.0 unid: ship pirate? 0844 USB spanish fishermen ? "capa...capa..."Jan11 04 ML

04742.0 MQP: RAF UPAVON ? 1021 USB EE d/x Jan0204 ML

04742.0 RAF ARCHI: 1802 USB eng duplex LIRA ...E5... DEGQ ??? any idea ? =September/21 (ML)

04752.5 ---: GAF ?LOC 1741 ARQ/E 85.7/E/170 4rc. Betas (26/Dec)(DW)

04755.0 RCV: CISM MOSCOW? 1850 CW wkng RHV42 (26/Dec)(DW)

04755.0 RHV42: CISM ?LOC 1850 CW wkng rcv (26/Dec)(DW)

04777.3 IMB51: ROME MET 1929 FAX 120/576/N/800 End of chart. 1933 new chart PWBD30 FL300 upper air wind chart for Europe (26/Dec)(DW)

04785.5 ---: GAF ?LOC 1751 ARQ/E 85.7/E/170 4rc. Betas (26/Dec)(DW)

04798.0 ---: GAF ?LOC 1757 ARQ/E 85.7/E/170 4rc. Betas (26/Dec)(DW)

04798.0 DHM91: GAF MUNSTER 0617 ARQ-E 85.7 idling September/28 (ML)

04841.0 OWE: DAF KARUP 1935 MIL.STD 188-141A ALE on usb. CIng Unid/OWC (26/Dec)(DW)

04841.0 OWK/OWE: DANISH AF 1501 ALE "to ?" Jan04 04 ML

04859.0 NYZ: cw 15:25 utc 11 Oct 03; NYZ calling Q2M no traffic 11/oct/03 (JR)

04880.0 E10: 2031 USB y1 "ULX..." Jan09 04 ML

04917 OT1C: Russian Military 2206 CW Receives msg from unid. AS K. NW QRV K. R 540 K. (22Dec03) (RGA)

04933.0 ---: UNID 2137 CW Tfc in offline encrypt with accented ltrs opens "7RU87 7RU87 qtc 333 2726 2320 333 = 28 = AAAAA DDDDD ZFOSX" (26/Dec)(DW)

04950 PAR: Rockwell Collins Test Facility Paris (?) 2339 ALE/USB Sounds. (22Dec03) (RGA)

04996.0 RWM: TSMOSCOW 1814 CW Time sigs (26/Dec)(DW)

05015.0 RCC: cw 1803utc 12Oct03 (JR)

05015.0 RCC: cw 18:15utc 13Oct03 (JR)

05015.0 RJS: monitored activity from 12:15 utc until 14:20utc on 12 Oct 03 (JR)

05058.5 ME1 (FBI Memphis TN): 0913 USB/ALE TO QT2 (FBI Quantico VA). 14/01 RP3

05091 : Enigma E10 Mossad 1909 AM YL with 5LGs. (22Dec03) (RGA)

05095.0 CFH (Canforce-Halifax): 0106 RTTY 75bd/850hz w/NAWS DE CFH ZKR F1 2822 3394 4158 6254 8303 12380 16576 22182 AR. 14/01 RP3

05097.0 CFH: CF HALIFAX 1859 RTTY 75/N/850 Marker "NAWS de CFH zkr F1 2822 3394 4158 6254 8303 12380 16576 22182 ar" (28/Dec)(DW)

05120 OWF: RDAF Skrydstrup 2034 ALE/USB Calls OWC/Unid. (30Dec03) (RGA)

05132 1090: Turkish Red Crescent Net 2309 ALE/USB Calls 1060.

(17Dec03) (RGA)
05135.0 NA1SH (Nashua NH EOC): 1954 USB/ALE sounding. 07/01 RP3
05140 3333: N.African Net 2156 ALE/USB Sounds. (18Dec03) (RGA)
05140.0 FC6: FEMA Region 6: 2009 USB ALE. Oklahoma Operation Secure
frequency (07/JAN/04) (JLM)
05148.2 : NATO System 1707 STANAG-4285/2400/USB Internal 600 bps
encrypted data with long interleave. (12Jan04) (RGA)
05151.0 ---: Unid 2208 CW "z 28 I8 651 5188T U T14 9TB 7 78EO 17654
G 958 TTT TTT" (16/12/03) (AJP)
05152 : CIS Military 1752 MS-5/4800/DPSK/USB Cipher.
(03Jan04) (RGA)
05153 : Enigma M51 1629 CW NR 56J 17:29:20 2004 = VPUEV KFYAC
... (12Jan04) (RGA)
05159.0 4XZ: IN HAIFA 1908 CW Marker "vvv de 4XZ==" (28/Dec)(DW)
05172.4 : UNID Serbian net, SCG 0740 DUP-ARQ 125Bd/170Hz, two
stations on channel with short op. msgs, VX coordination on
5172kHz USB in Serbo-Croat after "VOICE" command on DUP-ARQ
circuit (02Jan04) (LDO)
05172.4 no-call: UNID Serbian net, SCG 0740 DUP-ARQ125Bd/170Hz, two
stations on channel withshort op. msgs, VX coordination on
5172kHzUSB in Serbo-Croat after "VOICE" command onDUP-ARQ
circuit (02Jan04) (LDO)
05184.0 FDI8: FAF NICE 1912 RTTY 50/R/400 Marker "amtest de FDI8
voyez le brick figs RYs" (28/Dec)(DW)
05220.5 207: Amphib vs1 'Endurance' Singapore Navy 1607 ALE/USB calls
TF1/Sgp Naval HQ(?) (18Dec03) (RGA)
05220.5 207: Singapore Navy Amphibious vs1 "Endurance" 2341 ALE/USB
Calls TF1/ NCS until 110019z. (10Jan04) (RGA)
05252.0 21111: UNID Austrian MIL, 0604 USB/MIL-STD 188-141A LQA tfc.
to Vienna (02Oct03) (LDO)
05252.0 BMLV2: Austrian MOD, AUT 0604 USB/MIL-STD 188-141A, LQA tfc.
to 21111 (02Oct03) (LDO)
05256.4 : UNID Serbian net, SCG 0740 DUP-ARQ/125Bd/170Hz, two
stations on channel with short op. msgs, VX coordination on
5256kHz USB in Serbo-Croat after "VOICE" command on DUP-ARQ
circuit (05Jan04) (LDO)
05256.4 no-call: UNID Serbian net, SCG 0740 DUP-ARQ125Bd/170Hz, two
stations on channel withshort op. msgs, VX coordination on
5256kHzUSB in Serbo-Croat after "VOICE" command onDUP-ARQ
circuit (05Jan04) (LDO)
05257.5 FDI8: FAF NICE 1624 ITA2/50 testing "le brick...."
September/20 =(ML)
05269.4 ---: UNID 1940 CW Tfc in offline encrypt with accented ltrs.
Ends "=141 k" 1941z (28/Dec)(DW)
05270 FDC: FAF Metz 1754 RTTY/50/400 2 stop bits. Bricks tests.
(03Jan04) (RGA)
05270.0 ---: FAF UNID 1943 RTTY 50/N/400 Marker with Voyez le brick
string and RYs. Very poor copy - unable to recover
callsign(28/Dec)(DW)
05270.0 LN 03: mil exercices 0450 USB eng "8FF" ?? September/17 (ML)
05270.0 LN03: nav exercices 0726 USB "KZR..."September/20 (ML)
05285.0 NO CALL: ; UNID FRENCH MILITARY f 19:26 a1a ENIGMA m51
STATION MSGNUMBER 39 ,5l MSG (7 JAN) (PPA)
05285.0 no call ; unid French military F 19:26 A1A Enigma M51 station
msg number 39 ,5L msg (7 Jan)
05300.3 CAN6D: "Antartic meteorological center" chilean base
President Frei Montalva 0335 RTTY 50/200 Antartic wx
//10660.2 //15468.2 (19/12/03) (AJP)
05339.0 MIW ; Mossad Tel aviv ISR 19:15 R3E/USB y1 with miw2 miw2
(7 Jan)
05339.0 miw: ; MOSSAD TEL AVIV isr 19:15 r3e/usb YL WITH MIW2 MIW2
(7 JAN) (PPA)
05340.7 Unid: 0256 RTTY 75bd/850hz w/possible encrypted trfc.
19/12 RP3
05352.0 FDI22: FAF NARBONNE 2250 CW Marker "vvv de FDI22 ar"
(28/Dec)(DW)
05355 SHQIPONJA: Albanian MOI Tirane (?) 1610 ALE/USB calls
DRINI/MOI Drini. (18Dec03) (RGA)

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- 05376 7GBQ: Russian Military 0013 CW LG5M de 7GBQ QTC (rptd) then QTC 479 46 31 0306 479 = 526 = EPLFN PPPPP LFXFR ... LKAIX EaPRE = 287 = RPT AL QLN K. Msg bcast to collective LG5M and is to be repeated back to sender on landline. (31Dec03) (RGA)
- 05378.0 WGY9438: 6835.0 ROCCMD2 & P22: 1406 USB ALE. Also using 7408.0 USB (11/OCT/03) (JLM) WGY9441 & WGY9494, FEMA Auxiliary stations: 0202-0223 USB ALE/voice.ALE calls 438FEMAUX, 441FEMAUX & 494FEMAUX. 438FEMAUX also sent a AMD RYRYRYtest message to 494FEMAUX at 0224 (11/OCT/03) (JLM)
- 05401.0 AEM1WF: MARS/AAMCE D.W. 0940 P-I/Ham 200Bd to AE1USA/Edingen EGW Sub: DIGITAL TRAFFIC (04/Jan/2004) (KK)
- 05410 OHT30P: Sonagaz Pump Station Ohanet ALG 2148 ALE/USB Sounds. (18Dec03) (RGA)
- 05410 OHT30P: Sonagaz Pump Stn Ohanet ALG 2254 ALE/--- Sounds. Sideband not determined. (17Dec03) (RGA)
- 05418 AAA: Israeli AF NCS 0005 ALE/USB Sounds. (11Jan04) (RGA)
- 05435.0 E10: 2102 USB y1 2 Jan09 04 ML
- 05447 D-ALCA: Lufthansa Cargo MD11F Flt LH7983 1958 HF DL Reports 5311N 01921E. (10Jan04) (RGA)
- 05450 RAF VOLMET: RAF Swanwick (HMS Collingwood) 1719 USB YL robot. (12Jan04) (RGA)
- 05450 RAF VOLMET: w.Drayton/Swanwick 2323 USB YL with airfields actuals. (21Dec03) (RGA)
- 05465.8 R: CISN USTINOV 2156 CW single letter [R] HF beacon (29/Dec)(DW)
- 05500 H6W: Unid 2049 ALE/USB Calls A0P. (30Dec03) (RGA)
- 05500.0 H6W: MOROC GENDARMES ?LOC 0741 MIL.STD 188-141A ALE on USB c1ng A0P. 0749 c1ng L9X (31/Dec)(DW)
- 05547 LH8419: Lufthansa Cargo MD11F 1945 HF DL Reports 5108N 01051E to ARINC Shannon. (10Jan04) (RGA)
- 05547 RAM751: Royal Air Maroc Flt 1946 HF DL Reports 3610N 00451W. (10Jan04) (RGA)
- 05547 VP-BDK: Aeroflot A320 Flt SU0123 1951 Reports 5226N 02034E. (10Jan04) (RGA)
- 05547 VP-BDM: Aeroflot B319-111 Flt SU0115 2004 HF DL Signs on to ARINC Shannon. Moving NE from 5051N 01500E at 2022z. (10Jan04) (RGA)
- 05547.0 Air Canada 002: (B767-300 RJAA to YVR) working San Francisco ARINC(MWARA CEP-2) in USB at 1503Z to advise reaching flight level 330 12/24/03(CR).
- 05547.0 Air Canada 034: (B767-300 YSSY to HNL to YVR) working San Francisco ARINC (MWARA CEP-2) in USB at 1403Z to advise reaching flight level 39012/24/03 (CR).
- 05547.0 Air Canada 058: (B767-200 OGG to YVR) working San Francisco ARINC(MWARA CEP-2) in USB at 1354Z with 43N, 135W position report 12/24/03 (CR).
- 05547.0 All Nippon 008: (B777-200 RJAA to SFO) working San Francisco ARINC(MWARA CEP-2) in USB at 1408Z to check-in followed by SELCAL check on DR-AC12/24/03 (CR).
- 05547.0 China Eastern 583: (A340-600 ZSPD to LAX) working San Francisco ARINC (MWARA CEP-2) in USB at 1430Z to check-in and request SELCAL check and is advised to make 6.673.0 secondary 12/24/03 (CR).
- 05547.0 Continental 6: (B777-200 RJAA to IAH) working San Francisco ARINC(MWARA CEP-2) in USB at 1434Z to check-in and advises they are CPDLC enabled followed by SELCAL check 12/24/03 (CR).
- 05547.0 Delta 56: (MD-11 RJAA to ATL) working San Francisco ARINC (MWARACEP-2) in USB at 1417Z with 45N, 130W position report and is advised to contact Seattle Center on 132.070 at 127W 10/12/03 (CR).
- 05547.0 Dynasty 032: (B747-409, reg. B18205, RCTP to YVR) working San Francisco ARINC (MWARA CEP-2) in USB at 1407Z to check-in and requests SELCAL check on BC-MP 12/24/03 (CR).
- 05547.0 FedEx 87: (MD11 RJAA to SFO) working San Francisco ARINC (MWARACEP-2) in USB at 1416Z with initial position report followed by SELCAL check on GP-FJ 12/24/03 (CR).
- 05547.0 Giant 2968: (B747-200 HNL to KOA to ONT) working San Francisco ARINC(MWARA CEP-2) in USB at 1348Z with position

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- report for ESCRO and is advised to contact Los Angeles Center on 132.150 overhead EDSEL 12/24/03 (CR).
- 05547.0 Japan Air 26: (B747-400 RJAA to LAS) working San Francisco ARINC(MWARA CEP-2) in USB at 1318Z to check-in crossing 150W followed by SELCALcheck 10/12/03 (CR).
- 05547.0 Japan Air 2: (B747-400 RJAA to SFO) working San Francisco ARINC(MWARA CEP-2) in USB at 1507Z to advise crossing 150W and requests SELCALcheck on FGAQ 12/24/03 (CR).
- 05547.0 Korean Air 001: (B777-200 ICN to NRT to LAX) working San Francisco ARINC (MWARA CEP-2) in USB at 1312Z to pass 40N, 130W position report and is advised to contact Oakland Center on 134.150 at 127W 10/12/03 (CR).
- 05547.0 Korean Air 001: (B777-200 RJAA to LAX) working San Francisco ARINC(MWARA CEP-2) in USB at 1353Z with 38N, 130W position report and is advised to contact the Oakland Center on 134.150 12/24/03 (CR).
- 05547.0 Korean Air 017: (B747-400 RKSI to SFO) working San Francisco ARINC(MWARA CEP-2) in USB at 1442Z with 38N, 130W position report and is advised to contact Oakland Center on 134.150 at 127W 12/24/03 (CR).
- 05547.0 Korean Air 017: (B747-4B5 ICN to LAX) working San Francisco ARINC(MWARA CEP-2) in USB at 1339Z to check-in and is advised to make 6673.0 secondary 10/12/03 (CR).
- 05547.0 Malaysian 95: (B747-400 LAX to RCTP) working San Francisco ARINC(MWARA CEP-2) in USB at 1323Z to provide position report and is advised to contact Anchorage Center crossing 152W on 132.650 and check-in on new primary of 5628.0 or secondary 8915.0 10/12/03 (CR).
- 05547.0 Nippon Cargo 123: (B747-200 SFO to ANC to RJAA) working San Francisco ARINC (MWARA CEP-2) in USB at 1305Z with position report and SELCAL check then is advised to contact Vancouver on 135.200 10/12/03 (CR).
- 05547.0 Northwest 28: (B747-400 RJAA to SFO) working San Francisco ARINC(MWARA CEP-2) in USB at 1300Z to advise reaching and maintaining flight level 340 10/12/03 (CR).
- 05547.0 Northwest 28: (DC-10 RJAA to SFO) working San Francisco ARINC (MWARA CEP-2) in USB at 1419Z with 40N, 130W position report and is advised to contact Oakland Center on 119.975 12/24/03 (CR).
- 05547.0 Northwest 2: (B747-400 RJAA to LAX) working San Francisco ARINC(MWARA CEP-2) in USB at 1319Z to pass 41N, 130W position estimate followed by request for clearance to resume normal speed 10/12/03 (CR).
- 05547.0 Northwest 8: (B747-251B RJAA to SEA) working San Francisco ARINC(MWARA CEP-2) in USB at 1323Z with position report and is advised to contact the Vancouver Center on 135.200 at 134W 10/12/03 (CR).
- 05547.0 Northwest 913: (B747-200 SFO to RJAA) working San Francisco ARINC(MWARA CEP-2) in USB at 1303Z to provide position report for 51N, 140W 10/12/03 (CR).
- 05547.0 Thai 772: (B747-400 RJAA to LAX) working San Francisco ARINC (MWARA CEP-2) in USB at 1431Z to answer SELCAL and is advised unable requested altitude due to traffic then is cleared to climb to flight level 380 12/24/03 (CR).
- 05547.0 United 806: (B747-400 VHHH to SFO) working San Francisco ARINC(MWARA CEP-2) in USB at 1309Z for SELCAL check 10/12/03 (CR).
- 05547.0 United 808: (B777-200 RKSI to SFO) working San Francisco ARINC(MWARA CEP-2) in USB at 1422Z with 42N, 140W position report followed by request to climb to flight level 380 and advises CPDLC is intermittent 12/24/03 (CR).
- 05547.0 United 852: (B747-422 RJAA to SFO) working San Francisco ARINC(MWARA CEP-2) in USB at 1341Z for SELCAL check 10/12/03 (CR).
- 05547.0 United 858: (B747-422 ZSPD to SFO) working San Francisco ARINC(MWARA CEP-2) in USB at 1340Z for SELCAL check 10/12/03 (CR).
- 05547.0 United 882: (B747-422 RJAA to ORD) working San Francisco

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ARINC(MWARA CEP-2) in USB at 1413Z for SELCAL check on BQ-CE then is advised to check-in on new primary of 6673.0 and secondary of 10057.0 10/12/03 (CR).

05547.0 United 890: (777-222/ER SIN to NRT to LAX) working San Francisco ARINC (MWARA CEP-2) in USB at 1340Z for SELCAL check 10/12/03 (CR).

05574.0 Korean Air 224: (B747-400 LAX to RJAA) working San Francisco ARINC(MWARA CEP-1) in USB at 1345Z to answer SELCAL and accept ATC clearance to climb to and maintain flight level 300 12/24/03 (CR).

05616.0 ATC NAT: 0607 USB heavy noise DLQS , DLMQ October/09 (ML)

05616.0 Air Canada 862: 0540 ACA0862 w/selcal AD-CS reg C-GFAJ A330 USB 14/10 (PP1)

05616.0 Continental 004: 0545 COA004 FS-CE N78017 B777 USB 14/10 (PP1)

05616.0 Delta64: 0550 DAL064 AK-PS N1201P B767 USB 14/10 (PP1)

05616.0 MWARA-Gander: 0504z USB wkg AMTRAN 442 w position report; dest KATL; selcal DFEG. (28/Dec/2003) (ALS)

05616.0 US air 26: 0542 USA026 BP-HS N676UW A330 USB 14/10 (PP1)

05616.0 United 904: 0547 UAL904 CE-RS N659UA B767 USB 14/10 (PP1)

05627 BB1: Israeli AF 2111 ALE/USB Sounds. (29Dec03) (RGA)

05696 : Coast Guard 6501 0419 USB HH65A CGAS Miami clg for radio check, no joy. (31Dec03) (RB)

05696 Rescue 1503: CG Rescue 1557 USB / Reports to CAMSLANT EOB coming from 1 of 4 Subs (13/Dec/2003) (pwscott)

05702 ICZSPR: USAF SIPRNet Stn Sigonella ITA 1905 ALE/USB Sounds along with JDGSPR/Diego Garcia and IKFSPR/Keflavik. (19Dec03) (RGA)

05702 PLASPR: USAF SIPRNet Stn Lajes AZR 2251 ALE/USB Sounds. (17Dec03) (RGA)

05702 PLASPR: USAF SIPRNet Stn Lajes AZR 2323 ALE/USB Sounds. (10Jan04) (RGA)

05702.0 MQP: RAF UPAVON ? 1400 USB EE om airfields conditions "available" Jan0204 ML

05702.0 RAF ARCHITECT: 1730 USB October/11 (ML)

05702.0 RAF ARCHITECT: 1900 USB om weather Oct/13 (ML)

05702.0 USAF: ICZ 1913 USB/ALE sounding October/10 (ML)

05707 ICZ: NAS Sigonella ITA 2114 ALE/USB Calls IKF/NAS Keflavik. (29Dec03) (RGA)

05708.0 E30355: (E-3B AWACS # 77-0355, Offutt AFB): 1311 USB/ALE w/ADW (Andrews AFB). 06/10 RP3

05711.0 USANG2409: (Air National Guard station?): 1439 USB/ALE TO USADA1010 (US Army station?). 08/10 RP3

05720 CV790: CargoLux Flt 2006 HFDL Reports 4729N 01551E to Reykjavik. (29Dec03) (RGA)

05720 G-VSHY: Virgin Atlantic A340 'Madame Butterfly' 1959 HFDL Signs on to Reykjavik. (29Dec03) (RGA)

05720 OH-LBT: Finnair B757 1954 HFDL Signs on to ARINC Reykjavik. Prob Flt AY2526 who was at 5636N 02006E at 1951z. (29Dec03) (RGA)

05720 SA0260: S.African Airways Flt 2009 HFDL Reports 5000N 00834E to ARINC Reykjavik. (29Dec03) (RGA)

05720 VP-BWG: Aeroflot A319 Flt SU0231 2002 HFDL Reports 5619N 01920E to Reykjavik. ICAO ID AA8002. (29Dec03) (RGA)

05720 VS0603: Virgin Atlantic Flt 2044 HFDL Reports 2621N 00124E to ARINC Reykjavik. (30Dec03) (RGA)

05732 PR1: US Customs S.Juan PR 2132 ALE/USB Sounds. (18Dec03) (RGA)

05732 PR1: US Customs S.Juan PR 2313 ALE/USB Sounds. (10Jan04) (RGA)

05732 PR1: US Customs San Juan PR 2313 ALE/USB Sounds. (10Jan04) (RGA)

05776.2 ---: FF UNID 2216 ARQ/E3 192/E/85 4rc. Poor sync thru 2231z (29/Dec)(DW)

05784 0000210502: Unid 1939 ALE/USB Sounds. (19Dec03) (RGA)

05802.0 SOG: Pol Mil prob The Balkans, 0711 USB/ALE calls LCR154 mil comms

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center prob. in Janki n/warsaw (06-10-2003) (MSM)
05835 2222: N.African Net 2321 ALE/USB Sounds. (10Jan04) (RGA)
05850.0 OXT: 0943 Copenhagen Meteo, ice chart, poor reception
(5848.1 USB) USB 28/12 (PP1)
05864.7 ---: FF UNID 2234 ARQ/E3 192/E/400 8rc. Betas. weak sync.
2253z changes to permanent space (29/Dec)(DW)
06250.0 #'s: slot Machine 1424 z Dec 27, 2003 USB [SN]
06268.5 UHCO: SHIP PIONER SEWERODWINSKI 1905 SITOR/A 100/E/170 Tfc
via Arkhangelsk thru 1913 (09/Jan)(DW)
06312 C6LL9: Bahamas Registered Ship Musashi Spirit 2056 GMDSS RQ
to Charleville/Wiluma MRCC for safety check. (03Jan04) (RGA)
06312 EAUU: Spanish Vsl Rio Orxas 2150 GMDSS/100/170 calls
224000000 (Unid agency) with BQ for simplex telephone call on
2233 kHz. (30Dec03) (RGA)
06312 P3VP5: Cypriot Ship Antalina 1949 GMDSS RQ to Lyngby/OXZ for
safety check. (03Jan04) (RGA)
06312 SVFF: Greek Ship Amazon Explorer 1918 GMDSS RQ to MRCC
Capetown SA for safety check after trying Manaus.
(03Jan04) (RGA)
06312 SWJV: Greek Vsl Alfa Century 2138 GMDSS/100/170 Gives
LyngbyRadio/OXZ BQ for safety test. (30Dec03) (RGA)
06312 SWJV: Greek Vsl Alpha Century 2148 GMDSS/100/170 calls MRCC
Almeria RQ for safety test. (30Dec03) (RGA)
06314.0 ---: USCG Boston ? 0155 SITOR wx forecast. Hard to copy
(19/12/03) (AJP)
06316.0 NMN: USCG Camslant 0237 CW marker (19/12/03) (AJP)
06317.0 WLO: Mobile R 0239 CW marker (19/12/03) (AJP)
06322.5 UDK2: MurmanskRadio 1735 ARQ w/Morse ID. (03Jan04) (RGA)
06340.5 NMF 2221 USCG Boston FAX end of chart 120/576
18/01 (PP1)
06340.5 NMF: USCG BOSTON 1926 FAX 120/576/N/800 24 hr 500MB forecast
(09/Jan)(DW)
06348 FUE: FN Brest 1405 RTTY/150/850 Ry+c1g FAAA.
(09Jan04) (ROPE63)
06348.0 FUE: FN BREST 2029 RTTY 150/N/850 Marker "FAAA de FUE RYS SGS
figs int ZBZ". Poor copy (09/Jan)(DW)
06348.0 FUE: FN TOULON 1926 ITA2 "de fue" October/10 (ML)
06368.9 GYU: Royal Navy Gibraltar TIME??? RTTY/75/200R.
(03Jan04) (CA)
06370.9 GYU: RN Fleet Bcast Gibraltar 2108 RTTY/75/200 CARBS 06a 08a.
(10Jan04) (RGA)
06379.0 4XZ: IN HAIFA 2037 CW Tfc in offline encrypt. Reverts to
marker "vvv de 4XZ ==". (09/Jan)(DW)
06379.0 4XZ: Israel Ny 0243 CW vvv de 4XZ (19/12/03) (AJP)
0640.5 NMF (CG Boston): 0253 Fax w/transmission schedules in EE.
Transmission ends with no id. 15/01 RP3
06408.7 : NATO Ship/Shore 2055 STANAG-4285/2400/USB Internal data
rate 600 bps long interleave. Solid synch despite tone QRM.
Lots of data. Sadly encrypted as usual. (10Jan04) (RGA)
06417.9 VTP5: IN Vishakhapatnam 1740 CW VVV VTP4/5/6. (03Jan04) (RGA)
06426.0 S3W: unid BGD ? 0735 CW w/VVV S3W 1/2 mkr, 5LGs & msg EE
only occasional words (CARGO, BOAT, FROM, TO, GAS & SEEM)
readable, weak sig & heavy QRM, QRT approx 1200
03Dec03 (ML2)
06449.7 PWZ: BN Rio 2146 RTTY/75/850 Navarea V Wngs/PP.
(16/Dec/03) (RH2)
06449.7 PWZ: BN Rio 2200 RTTY/75/850 Avisos - Oil Rig posns etc.
(22/Dec/03) (RH2)
06465 UIW3: KaliningradRadio 2036 CW with NAWAREA NAWIP wx fcasts.
(30Dec03) (RGA)
06465 UIW3: KaliningradRadio 2047 CW NAWIPs broadcast.
(10Jan04) (RGA)
06470 UWS3: KievRadio UKR 2032 CW CQ de UWS3 QSW 3890/6470/8570.5
(30Dec03) (RGA)
06491.5 LOR: AN Puerto Belgrano 0004 RTTY/75/170 wx/SS. Stronger on
8303. (01/Jan/04) (RH2)
06491.5 LOR: AN Puerto Belgrano 0046 RTTY/75/170 5LG after GEN013.
(22/Dec/03) (RH2)

06496 L2C: PNA Buenos Aires 2050 RTTY/75/850 Navwngs\EE.
(15/Dec/03) (RH2)

06496.4 CHF: HALIFAX 2146 ITA/75 unclear txt for me saved
October/07 (ML)

06499 : NATO System 2029 STANAG-4285/2400/USB Data rate 600/short
inter-leave. (30Dec03) (RGA)

06501 NMN: USCG Communications Area Master Station Atlantic,
Portsmouth VA 2200 USB w/scheduled "Perfect Paul" marine
forecast. //8764//13089. (01Jan04) (RB)

06501.0 O/M (SS): 0008 USB w/unheard station. Mention of "the other
ship" in chat. Also a Sitor/FEC signal in the background but
too weak to decode. 13/01 RP3

06507 SVO: OlympiaRadio Athens 1748 USB YL with service
announcement. (03Jan04) (RGA)

06507.0 OLYMPIA RADIO: Coastal station, GRC, 0708, SSB voice mirror.
(CK)

06508 Unid: CIS Navrad 0009 36-50/50/220. (01/Jan/04) (RH2)

06523.4 VCT: Globe Tor's Cove NFLD CAN 1747 ACB462 idlers.
(03Jan04) (RGA)

06523.4 VCT: Globe Tor's Cove NFLD CAN 2119 ACB462 Idlers.
(17Dec03) (RGA)

06600 0811: Italian GUARFI Net 1841 ALE/USB calls 1001 with [AMD]
DIAL4. (19Dec03) (RGA)

06600.0 UNID: Voice of the People 1149 AM S. Korean clandestine
04/Oct/2003 (BM)

06640.0 ARINC-New York: 0345z USB wkg US AIR 782 w phone patch to US
Air Dispatcher who passes "we have ACORN difficulty in OCC,"
re turbulence, but "East of 36 w all acft report smooth
rides. (28/Dec/2003) (ALS)

06640.0 ARINC-New York: 0835z USB wkg REACH 5066 w phone patch to CP,
Metro. (28/Dec/2003) (ALS)

06650 860PS: 86 AW Ops Group Associated 1901 ALE/USB Sounds.
(19Dec03) (RGA)

06650 860PS: 86 Airlift wg Ops Gp Ramstein 2250 ALE/USB Sounds.
(18Dec03) (RGA)

06650 860PS: USAF 86 AW Associated 2241 ALE/USB Sounds.
(10Jan04) (RGA)

06650 860PS: USAF 86 Airlift wg Ops Associated 2136 ALE/USB Sounds.
(29Dec03) (RGA)

06694.0 Halifax Military: 1422 USB w/Outcast 903 (not heard) in radio
checks. Confirms position as 48N/55W. 08/01 RP3

06697 FISH NET: 28-char EAM 0102 SUB HL745K preceding OFFUTT's
0103z HFGCS bcst of same and simulcasting same on 13155,
8992 and 11244. (31 Dec 03) (JH)

06697 FISH NET: EAM Bcast 0107 USB HL745K simulcast 13155, 8992 and
11244. H+07/h+37 activity. (31 Dec 03) (JH)

06697 ICE HOUSE: EAM Bcast 1625 USB N6JNTT simulcast 8992 with
nothing heard on 11244 and 13155. H+25/h+55 activity.
(08 Jan 04) (JH)

06697 POST CARD: 28-char EAM 1708 USB N6GZPR preceding OFFUTT's
HFGCS bcst of same and simulcast on at least 8992 and 11244
with nothing heard on 13155. (09 Jan 04) (JH)

06697 TWILIGHT: 28-char EAM 0437 USB (Preamble missed) simulcast on
8992, 11244 and 13155. H+07/h+37 activity. (27 Dec 03) (JH)

06710.7 NMO: USCG Honolulu 0323 CW marker (19/12/03) (AJP)

06712 D-ALCB: Lufthansa Cargo MD11F 1907 HFDL Signs on to ARINC
Reykjavik. (03Jan04) (RGA)

06712 SVFF: Greek Registered Ship Amazon Explorer 1911 GMDSS RQ to
MRCC Manaus BRA for safety check. (03Jan04) (RGA)

06712 VS0604: Virgin Atlantic Flt 1907 HFDL Reports 4924N 00217E.
(03Jan04) (RGA)

06715 CROSPR: USAF SIPRI Net Croughton UK 2058 ALE/USB Sounds.
(30Dec03) (RGA)

06715 HAWSPR: USAF SIPRNet Stn Ascension 1850 ALE/USB Sounds.
(19Dec03) (RGA)

06715 HAWSPR: USAF SIPRNet Stn Ascension 2214 ALE/USB Sounds.
(17Dec03) (RGA)

06715 ICZSPR: USAF SIPRINet Stn Sigonella ITA 2242 ALE/USB Sounds.

(18Dec03) (RGA)
06715 JNRSPR: USAF SIPRNet Stn Roosevelt Roads PR 2158 ALE/USB Sounds. (17Dec03) (RGA)
06715 JNRSPR: USAF SIPRNet Stn Salinas PR 2237 ALE/USB Sounds. (10Jan04) (RGA)
06715.0 MCCSPR (McClellan AFB SIPRNET): 0149 USB/ALE TO E30559DAT (E-3B # 75-0559). 13/01 RP3
06721 ADW: Andrews AFB MD USA 2124 ALE/USB Sounds. (29Dec03) (RGA)
06721 HAW: USAF Wideawake AFB Ascension 2202 ALE/USB Sounds. (17Dec03) (RGA)
06721 IKF: NAS Reykjavik ICE 2209 ALE/USB Calls ICZ/NAS Sigonella ITA. (17Dec03) (RGA)
06721.0 ADW: (Andrews AFB): 1023 USB/ALE TO NW2 (Nightwatch, Airborne Command Post). 12/10 RP3
06724.0 SPANISH SAR NET: 1740 USB span d/x "palma...weather..." Jan15 04 ML
06724.0 UNID: 1443 USB?voice encrypted Jan0204 ML
06733.0 IDR: IN ROMA ? 1613 USB eng duplex "VIS2.. DAGGA...." October/11 (ML)
06736.0 BT9P: 0921 Cranwell, USB weather for Teeside,Leeming,Newcastle (fog) etc... QNH for Humber (1008) and other fields 01/10 (PP1)
06739.0 USAF AFA: ? weak sig here in europe 0747 USB y1 EAM / Jan03 04 ML
06753.0 CHR: CF Trenton 0926 USB EE wx (16/12/03) (AJP)
06765.0 HSW: Bangkok Meteo 0937 USB Thai wx //8743.0 (16/12/03) (AJP)
06767.5 108IHQ6BDECMD: & 30BHQ6BDECMD, US Army: 1806 USB ALE (09/JAN/04) (JLM)
06770.0 AL32: UNID Algerian MoI station, ALG 1722 USB/MIL-STD 188-141A/ALCATEL 801 modem/50bps+300bps,tfc. to KP31 (03Oct03) (LDO)
06770.0 KP31: UNID Algerian MoI station, ALG 1720 USB/MIL-STD 188-141A/ALCATEL 801 modem/50bps+300bps,tfc. to AL32 (03Oct03) (LDO)
06770.0 UNID: 1809 ALE SND not decoded ?/ Jan03 04 ML
06771.7 ---: Unid 1851 Two different voices scrambled, one in USB and other in LSB. HC-265 Crypto system ? (25/09/03) (AJP)
06776 SQ4T: CIS Military 2016 CW Calls up at least ?G8Q and MLYM. (30Dec03) (RGA)
06781.7 MGJ (Royal Navy, Faslane): 0055 RTTY 75bd/350hz w/CARBS. 02P 02Q 03P 04P 06P 08P 12P 12Q 16 Q MGJ. 13/01 RP3
06783 GYA: Whitehall Naval Radio GBR 2117 RTTY/75/330 CARBS. (17Dec03) (RGA)
06783 MGJ: RN Faslane 0100 RTTY/75/340 Carbs. (22/Dec/03) (RH2)
06783 MGJ: RN Fleet Bcast 2044 RTTY/75/330 CARBS. (10Jan04) (RGA)
06783 MGJ: RN Fleet Bcast System 2014 RTTY/75/320 CARBS. (30Dec03) (RGA)
06783.0 MGJ: RN Faslane 0032 RTTY 75/350 CARBS (27/09/03) (AJP)
06783.5 GYA (Royal Navy FWC Northwood): 0306 RTTY 75bd/350hz w/Carbs--02P 02Q 03P 04P 04Q 06P 08P 12P 12Q YQ GYA. 15/01 RP3
06784 MGJ: RN Faslane 0014 RTTY/75/340 Carbs. (01/Jan/04) (RH2)
06787 QF18: Algerian MOI 2240 ALE/USB Calls AL42. These are on every band I look at... (22Dec03) (RGA)
06794.7 O/M (SS): 0105 UDSB w/Carlos (O/M (SS). 13/01 RP3
06800 0000006138: Turkish Net 2210 ALE/USB Sounds. (17Dec03) (RGA)
06806 : NATO System 1945 STANAG-4285/2400/USB 600 data rate. Short interleave. (30Dec03) (RGA)
06825.0 FAV22: FA MONT-VALERIEN 0931 CW Marker "vvv de FAV22 qlh 3881/6825 khz vitesse annoncees le gerement superieures. Lecon 25-2/1 vitesse 960 code. GVXHS WNQHA" (16/Jan)(DW)
06825.0 FAV22: FA MONT-VALERIEN 0950 CW Relatively slow tfc in offline encrypt changing to to FF text (07/Jan)(DW)
06832.7 6MLS: + 65W8 + YDLK + 6BSX: Yugoslav MIL net,YUG 1014 120.96Bd/300Hz FSK system, op chat &crypto, headers "klisura - svima" & "biser -palma" (02Oct03) (LDO)
06840 : Enigma E10 1943 AM YL with 5LG traffic. (30Dec03) (RGA)

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06880.4 F41HNE: Fronet User, S 1114 P-I/200Bd clg (11/Jan/2004) (KK)
 06880.4 F43HOB: Fronet User, S 1111 P-I/200Bd clg (11/Jan/2004) (KK)
 06880.4 F48HAA: Fronet User, S 1112 P-I/200Bd clg (11/Jan/2004) (KK)
 06882.7 F52HAF: Fronet User, S 1140 P-I/200Bd clg (11/Jan/2004) (KK)
 06882.7 F53HEF: Fronet User, S 1137 P-I/200Bd clg (11/Jan/2004) (KK)
 06900 BEYROUTH: French emb. Beirut, LBN 1833 USB/MIL-STD 188-141A
 clng AMMAN (20Dec03) (LDO)
 06900 BUJUMBURA: French emb. Bujumbura, BDI 1839 USB/MIL-STD
 188-141A clng KHARTOUM (20Dec03) (LDO)
 06900.0 LECAIRE F.Emb. Lecaire,EGY: 1756 USB/ALE MIL-188-141A[TO]:
 CER41 MFA Paris, F[CMD (UUF mode in Hex)]: 7C 00 07
 (28/Dec/2003) (KK)
 06908.5 293 (DLA 293, Defense Logistics Agency, Ft Belvoir VA): 1733
 USB/ALE sounding. 12/01 RP3
 06908.5 309 (DLA 309, Defense Logistics Agency, Battle Creek MI):
 2042 USB/ALE sounding. Also noted sounding on 11576.5.
 12/01 RP3
 06908.5 DLA302 (Defense Logistics Agency, Stockton CA). 1010 USB/ALE
 sounding. 12/01 RP3
 06908.5 DLA302 (Defense Logistics Agency, Stockton CA): 0710 USB/ALE
 sounding. 13/01 RP3
 06912.0 E10: 0650 USB Jan0204 ML
 06922.0 A6S: MOROC GENDARMES ?LOC 1656 MIL.STD 188-141A ALE on usb.
 Clng L9X (31/Dec)(DW)
 06922.0 L9X: MOROC GENDARMES ?LOC 1656 MIL.STD 188-141A ale on usb.
 Responds to A6S (31/Dec)(DW)
 06958.4 F00HAS: Fronet User, S 1124 P-I/200Bd clg (11/Jan/2004) (KK)
 06958.4 F11HLK: Fronet User, S 1118 P-I/200Bd clg (11/Jan/2004) (KK)
 06958.4 F11HLK: Fronet User, S 1125 P-I/200Bd clg (11/Jan/2004) (KK)
 06958.4 F31HSZ: Fronet User, S 1121 P-I/200Bd clg (11/Jan/2004) (KK)
 06958.4 F42HRW: Fronet User, S 1119 P-I/200Bd clg (11/Jan/2004) (KK)
 06959 : Lincolnshire Poacher 1728 USB Old woman with 5FGs.
 (12Jan04) (RGA)
 06959.0 FDC: 1500 CW tape "vvv vvv de fdc" 28/09 (PP1)
 06960.0 ---: Police Chaco province, Argentina 1130 USB SS Radiograms
 (25/09/03)(AJP)
 06984.0 SNN299: MFA Warszawa, POL 0815 POL-ARQ 100Bd/250Hz, traffic
 to Vilnius, QSX not found(03Oct03) (LDO)
 06985.0 202AHQ6BDECMD: 105EHQ6BDECMD, 108IHQ6BDECMD, 252AHQ6BDECMD,
 21IDHFDIVCMD, 30BHQ2DIVCMD, 30BHQ2BDECMD, 30BHQ3BDECMD,
 30BHQ3BDEOI & 30BHQ2BDEOI, US Army:1521-1828 USB ALE
 (08/JAN/04) (JLM)
 06994.0 MFJ04 RNMC, G 1217 Sitor-Fec 100Bd/170Hz to PHAS "PHAS DE
 MFJ04- RR - SVC = TKS FOR CALLING IN GA = ++"
 (11/Jan/2004) (KK)
 06994.0 MFJ04 RNMC, G 1222 Sitor-Fec 100Bd/170Hz MFJ05 "MFJ05 DE
 MFJ04 RR FI9 WILL BE ON VOICE AR" (11/Jan/2004) (KK)
 06994.0 MRF19 RNMC, G 1216 Sitor-Fec 100Bd/170Hz to PHAS
 (11/Jan/2004) (KK)
 07018 REA4: AFHQ Moscow 2151 REVS/50/1000 Idling between skeds. //
 4179. (17Dec03) (RGA)
 07312 TCAV7: Turkish Ship Adnan Captan 1855 GMDSS RQ to Turkish
 ship Turgut Kocalas/TCUE for simplex telephone link on 6295
 kHz. (03Jan04) (RGA)
 07317.5 M8 (Cuban Illicit): 1311 CW w/cut numbers. 19/01 RP3
 07320 5118: Unid 2233 ALE/USB Sounds. (22Dec03) (RGA)
 07348.0 DE3 (Unidentified, possible SHARES station): 1432 USB/ALE
 sounding. 07/01 RP3
 07406.5 AAR8LO: US Army MARS 0033 LSB / working other Army MARS
 stations in the net. (30Nov.2003) (Midwest USA)
 07445 : UNID German AF station, D 1017 ARQ-E-85.71/170Hz 4 char.
 per rep. cycle, idling on betas, QSX 7829 kHz (06Jan04) (LDO)
 07445.0 no-call: UNID German AF station, D 1017 ARQ-E-85.71/170Hz 4
 char. per rep. cycle, idling on betas, QSX 7829 kHz
 (06Jan04) (LDO)
 07448.5 BRAGG: & GREEN, US Army: 1729 USB ALE (09/JAN/04) (JLM)
 07475.0 FREDGAS: (WPPY393, Washington Gas & Light Company, Frederick,
 MD): 1658 LSB/ALE sounding. 29/09 RP3

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- 07475.0 GRASSY: (Washington Gas & Light Company,Grassey Lick, Kirby, WV): 1728 LSB/ALE sounding. 26/12 RP3
- 07477.0 FC6 & OK6, FEMA Region 6 & OK EOC: 1604 USB ALE. Oklahoma Operation Secure frequency(07/JAN/04) (JLM)
- 07485 TMU: Romanian MOI Tirgu Mures, ROU 1501 USB/MIL-STD 188-141A/MIL-STD 188-110A serial tone modem tfc. to BU1 [= Bucharest] (24Dec03) (LDO)
- 07527 PR1: US Customs S.Juan PR 2207 ALE/USB Sounds. Also CS1. PR1 also on 5732 USB. (22Dec03) (RGA)
- 07527 X60: Unid US Customs 2149 ALE/USB Sounds. (22Dec03) (RGA)
- 07535.0 VMW: wiluna meteo AUS 14:37 F1C-120/576 Pressure chart Australia good but fainted (28 DEC)(PP)
- 07573 : NATO system 1939 NATO-75/75/850 KG84 crypto Discrete messages. Carrier off between msgs. (30Dec03) (RGA)
- 07585.7 RFVITT ; FN Mayotte COM 18:48 ARQ-E3/192/400 Idle on TTT cct to Le Port QSX 7945.7 (7 Jan)
- 07585.7 RFVITT: FF Dzaoudzi MYT 1722 ARQ-E3/192/375 Fair signal. weak synch. Idling so far. (19Dec03) (RGA)
- 07585.7 rfvitt ; fn MAYOTTE com 18:48 arq-e3/192/400 idLE ON ttt CCT TO lEpORT qsx 7945.7 (7 JAN) (PPA)
- 07590.0 AFRTS/AFN: mil Feeder 1800 USB (27/Dec/2003) (KK)
- 07590.0 AFRTS/AFN: US military HF feeder 0652 USB / Very weak with RTTY QRM. // 5446.5, 6350 & 7507 kHz USB. (26Dec.2003) (Midwest USA)
- 07591.5 AAR4IY: US Army MARS NCS 2205 LSB / working other US Army MARS stations in the net. (25Dec.2003) (Midwest USA)
- 07593.4 Unid: 0231 RTTY 75bd/850hz w/possible encrypted trfc. 26/12 RP3
- 07597.0 PCRC2: (Rear Command Post-Communications, 2nd Infantry Division, Venezualan Army): 0043 USB/ALE TO CLC23 (23rd Special Security & Development Brigade). 10/10 RP3
- 07600 AT6: Prob French Military 1759 ALE/USB Calls AA3. (19Dec03) (RGA)
- 07602.0 022NHQCAP (Civil Air Patrol, Nat'l Operations Center): 2302 USB/ALE sounding. 13/01 RP3
- 07602.0 100NERCAP (Civil Air Patrol, Northeast Region): 2318 USB/ALE sounding. 13/01 RP3
- 07620 0000006666: Turkish Net 1703 ALE/USB Sounds. (18Dec03) (RGA)
- 07632 450027: USAF KC-10 85-0027 1636 ALE/USB Sounds. 07635 L9X: Unid 1656 ALE/USB Calls H10. (18Dec03) (RGA)
- 07635 H6W: Unid 2113 ALE/USB Calls A0P. As 5500kHz/2049z. (30Dec03) (RGA)
- 07635 L9X: Unid 1811 ALE/USB Calls H6W. (19Dec03) (RGA)
- 07635.0 H6W: MOROC GENDARMES ?LOC 0740 MIL.STD 188-141A ALE on usb. C1ng A0P. 0744 0750z c1ng L9X (31/Dec)(DW)
- 07637.0 QIT (Colombian Army): 2307 USB/ALE TO FACA2E (Colombian Army, Facatativa). 07/01 RP3
- 07646.0 DDH7: HAMBURG MET 1523 RTTY 50/N/450 Forecast for Baltic areas (11/Jan)(DW)
- 07650.0 T1Z137: (1/137th Avn Bn, OH NG, Canton OH): 1543 USB/ALE sounding. 01/10 RP3
- 07657.0 unid: CIS navy 14:53 36-50/50/200 several messages encrypted (28DEC)(PP)
- 07675 102: Chinese Diplo 1624 ALE/USB Calls 107 who responds. 101 103 & 106 also seen. (18Dec03) (RGA)
- 07675.0 101: 2003 unid ALE/USB also 107, 103, 106 chinese talkbetween bursts 30/09 (PP1)
- 07675.0 102: CHIN NET ?? 1754 ALE to 104 Jan17 04 ML
- 07720 IC6: Unid 1729 ALE/USB Sounds. (19Dec03) (RGA)
- 07728 FNG034: Polish Military 2103 ALE/USB Calls PSL021. (17Dec03) (RGA)
- 07730 : Unid 1730 ALE/USB Calls H6W. ID corrupt. (18Dec03) (RGA)
- 07730 H10: Unid 1720 AEL/USB Calls H6W. (19Dec03) (RGA)
- 07730 H6W: Unid 2209 ALE/USB Calls C1D. (29Dec03) (RGA)
- 07730 L9X: Unid 1730 ALE/USB Calls A6S. (18Dec03) (RGA)
- 07740 AMMAN: French Embassy Amman JOR 1730 ALE/USB Calls CER41/MFA Paris. (19Dec03) (RGA)
- 07740.0 AMMAN: French embassy Amman, JOR 1708 USB/MIL-STD

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188-141A/Rohde & Schwarz 2400Bd proprietaryPSK waveform, tfc to Paris (02Oct03) (LDO)

07752 MS23: Algerian MOI 2128 ALE/USB Calls MS20. (17Dec03) (RGA)

07752 PZ22: Algerian MOI 1714 ALE/USB Calls AL22. (19Dec03) (RGA)

07753.0 2222: 1956 North African oil net ALE/USB 04/10 (PP1)

07753.0 2222: (possibly Algerian SONELGAZ): 0235 USB/ALE sounding. 01/10 RP3

07753.0 5557: 1935 North African oil net ALE/USB 04/10 (PP1)

07758.0 NOKI: Cis military 15:04 A1A/CW After 5F msg calling 2ZMK followedby duplex tfc using QSV ZAR ZAG ZAN ZAB (28 DEC)(PP)

07770 : Unid 1720 WOBBLE-JAMMER On weak broadcast stn. (03Jan04) (RGA)

07775.5 O/M (CC): 2300 USB w/o/M (CC). 07/01 RP3

07777.0 RM2: (Military Region #2) clg JADE 0058 13jan04 (HS)

07777.0 SITIO5E (Colombian Army): 2259 USB/ALE TO SITIO24E (Colombian Army). 15/01 RP3

07778.5 BA1: (FBI, Baltimore MD): 1330 USB/ALE w/QT2 (FBI, Quantico VA). 29/09 RP3

07778.5 CL1: (FBI Cleveland OH): 1738 USB/ALE TO OM2 (FBI Omaha NE). 26/12 RP3

07778.5 WF1: (FBI, Eash DC Field Office): 1744 USB/ALE sounding. 10/10 RP3

07778.5 WF1: (FBI, Washington DC Field Office): 1744 USB/ALE sounding. Also sounding on 07903.5. 26/12 RP3

07786.7 : Egyptian emb. London, G 1650 SITOR-A, message in ATU-80 (01Jan04) (LDO)

07786.7 no-call: Egyptian emb. London, G 1650 SITOR-A, message in ATU-80 (01Jan04) (LDO)

07791.7 : Unid NATO 0109 RTTY/75/850 KG84 + RY's + VMGTC etc. (22/Dec/03) (RH2)

07792 : Unid RN? 2041 RTTY/75/850 Telecipher. (10Jan04) (RGA)

07805 CO1OC: US FEMA State EOC Concorde NH 2107 ALE/USB Sounds. (17Dec03) (RGA)

07805 LA1NC: US FEMA Lancaster NH EOC 2227 ALE/USB Sounds. (29Dec03) (RGA)

07805 MA1NC: US FEM State EOC Manchester NH 2108 ALE/USB Sounds. (17Dec03) (RGA)

07805.0 CE1NT (Centreville NH EOC): 1752 USB/ALE sounding. Also noted sounding on 05192.0. 07/01 RP3

07822 XJN714: Unid 1227 PACTOR-2 SailMail to WCZ9105. (06Jan04) (AD)

07824.0 V5G ; MFA Bucharest ROU 19:00 A1A V5G V5G QRU QRX TKS AR SK (7 Jan)

07824.0 v5g: ; mfa BUCHAREST rou 19:00 a1a v5g v5g qru qrx tks ar sk (7 JAN) (PPA)

07829 : UNID German AF station, D 1017 ARQ-E-85.71/170Hz 4 char. per rep. cycle, idling on betas, QSX 7445 kHz (06Jan04) (LDO)

07829.0 no-call: UNID German AF station, D 1017 ARQ-E-85.71/170Hz 4 char. per rep. cycle, idling on betas, QSX 7445 kHz (06Jan04) (LDO)

07832.5 AFN1RT: USAF MARS 1553 MFSK-16 MARS traffic. (06Jan04) (AD)

07850 FDI8: FAF Nice 1717 CW Marker. (19Dec03) (RGA)

07850 QF10: Algerian MOI 2205 ALE/USB Calls QF24. (29Dec03) (RGA)

07850 QF20: Algerian MOI 1741 ALE/USB Calls QF22. (18Dec03) (RGA)

07850 QF25: Algerian MOI 2128 ALE/USB Calls AL42. (22Dec03) (RGA)

07866 : Russian Military 1715 MS-5/4800/DPSK/USB Cipher. (19Dec03) (RGA)

07866 : Russian Military 2034 MS-5/4800/DPSK/USB Cipher. System off then voice opchat in Russian. (10Jan04) (RGA)

07895.7 : Unid 2350 ARQ-E3/100 Idles. (17Dec03) (AD)

07903.5 KW1 (FBI Key west FL): 1111 USB/ALE TO MM1 (FBI Miami FL). 14/01 RP3

07903.5 QT5: (FBI Quantico VA): 1621 USB/ALE sounding. 29/09 RP3

07914.5 ATR020: Polish Military 1725 ALE/USB Calls RIB018. (18Dec03) (RGA)

07917.5 E10: 0651 USB Jan0204 ML

07918 : Enigma E10 1938 AM YL with 5LG traffic. (30Dec03) (RGA)

07918.0 Y/L (EE): 0137 USB w/5-letter groups. Very weak. Possibly

Mossad. 14/01 RP3
 07925 86OPS: USAF 86 AW Ops Group Assoc 2134 ALE/USB Sounds. (22Dec03) (RGA)
 07945.7 RFVI ; FN Le Port REU 18:35 ARQ-E3/192/400 Idle on ITT cct to Dzaoudzi QSX 7585.7 (7 Jan)
 07945.7 rfvi: ; fn lE pORT reu 18:35 arq-e3/192/400 iDLE ON itt CCT TodZAUDZI qsx 7585.7 (7 jAN) (PPA)
 07966 2222: N.African Net 2124 ALE/USB Sounds. (09Jan04) (RGA)
 07966 5555: N.African Net 2204 ALE/USB Sounds. (29Dec03) (RGA)
 07975.0 #'s:M08A - Cuba 0809 z Sept 14, 2003 CW 5f traffic [SN]
 07985.7 WAR: Unid 2105 PACTOR Various c/s WAR,CHP,JBS,JMX, etc. (18Dec03) (AD)
 07990 LAB: Rockwell-Collins (Eur) Systems Integration Lab 2123 ALE/USB Sounds. Also on 7650 kHz/USB. (10Jan04) (RGA)
 07990.0 PAR Rockell Collins Paris: 0957 USB/ALE snd (28/Dec/2003) (KK)
 07992.0 HFB: (Royal Signals, Hereford): 0742 USB/ALE sounding. 05/10 RP3
 07992.0 HFB: (UK Royal Signals, Hereford, UK): 2324 USB/ALE sounding. 01/10 RP3
 08000 LESKOVIKU: Albanian MOI Leskoviku Kor?a Province 2130 ALE/USB Calls SHEBENIKU/Shebeniku. (30Dec03) (RGA)
 08000.0 4XZ ; IN Haifa ISR 18:55 A1A vvv de 4XZ call tape ,new frequency ? parallel to 8103 same signal strenght (7 Jan)
 08000.0 4XZ: IN HAIFA 1641 CW Tfc - sfc anal in WMO FM46IV. Reverts to marker "vvv de 4XZ == " (11/Jan)(DW)
 08000.0 4xz: ; in hAIFA isr 18:55 ala VVV DE 4xz CALL TAPE ,NEW FREQUENCY ?PARALLEL TO 8103 SAME SIGNAL STRENGHT (7 jAN) (PPA)
 08000.0 FDG: FAF BORDEAUX 1639 CW Marker "vvv de FDG ar" (11/Jan)(DW)
 08010.0 Y/L (SS): 0613 USB Attencion (V2) w/five figure groups. 16/01 RP3
 08012.0 022NHQCAP: (CAP National Operations Center, Maxwell AFB AL): 1527 USB/ALE sounding. 13/10 RP3
 08012.0 062: (probably CAP HQs Director of Operations, Maxwell AFB AL): 1227 USB/ALE sounding. 08/10 RP3
 08015 0000001111: Turkish Net 2027 ALE/USB Sounds. (09Jan04) (RGA)
 08015 0000001111: Turkish Net 2142 ALE/USB Sounds. (30Dec03) (RGA)
 08015 0000002237: Turkish Net 2031 ALE/USB Sounds. (10Jan04) (RGA)
 08015 0000002237: Turkish Net 2113 ALE/USB Sounds. 0000001111 also. (22Dec03) (RGA)
 08016 : Unid 0019 PACTOR Jank jal ect. (06Jan04) (AD)
 08020 BISB4: Romanian MOI Bistrita Net 4 1945 ALE/USB Calls TIMB4/Timosara. (18Dec03) (RGA)
 08020 NIKKI: Benin Net (MOI?) Nikki 2204 ALE/USB Calls COTONOU. (30Dec03) (RGA)
 08020 NIKKI: Benin Net Nikki 2137 ALE/USB Calls COTONOU/Cotonou. (30Dec03) (RGA)
 08020 TMUB4: Romanian Police Tirgu Mures, ROU 0944 USB/MIL-STD 188-141A, c1ng TIMB4 [=Timisoara] (06Jan04) (LDO)
 08020.0 TMUB4: Romanian Police Tirgu Mures, ROU 0944USB/MIL-STD 188-141A, c1ng TIMB4 [=3DTimisoara](06Jan04) (LDO)
 08030.0 UNID: pirate? 0821 USB spanish duplex oktober/4 (ML)
 08033 : Czech KFOR net, CZE/YUG 1310 Rohde & Schwarz RS-ARQ 228.65Bd/170Hz, exchanging txt files in 8bit mode (31Dec03) (LDO)
 08040.0 GYA: RN NORTHWOOD 1000 FAX 120/576/N/800 M/path. 24hr sfc prognosis (12/Jan)(DW)
 08047.0 BWINGB (unidentified NG Bureau): 1900 USB/ALE TO CECOM (US Army Communications and Electronics Command, Ft Monmouth NJ). 18/12 RP3
 08047.0 CECOM (US Army Communications and Electronics Command, Ft Monmouth NJ): 1929 USB/ALE TO HQ3NGB (HA National Guard, Crystal City VA). 18/12 RP3
 08047.0 HQ3NGB (Nat'l Guard, Crystal City VA): 1619 USB/ALE w/BWINGB (unidentified). BWINGB also noted in comms w/HQ1NGB (Nat'l Guard Arlington VA & HQ2NGB (ANG HQS, Andrews AFB) on this freq. 16/01 RP3

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08047.0 MMANGB (Nat'l Guard Bureau, Montgomery AL): 1558 USB/ALE w/HQ3NGB (Nat'l Guard HQs, Crystal City VA). 16/01 RP3

08047.0 RVANGB (Nat'l Guard Bureau, Richmond VA): 2249 USB/ALE TO HQ3NGB (Nat'l Guard HQs, Crystal City VA). 15/01 RP3

08050.0 FR5FEM: (FEMA Region 5, Battle Creek MI): 1132 USB/ALE 30/09 RP3

08050.0 FR5FEM: (FEMA Region 5, Battle Creek MI): 1532 USB/ALE sounding. Also sounding on 10588.0; 11108.0; and 14776.0. 13/10 RP3

08056.0 C2T: (unidentified-possibly SHARES): 2155 USB/ALE sounding. 12/10 RP3

08056.0 H2B: (unidentified-possibly SHARES): 1709 USB/ALE sounding. 12/10 RP3

08056.0 T1G (US SHARES station): 1627 USB/ALE sounding. 12/01 RP3

08056.0 T1G: (unidentified SHARES station): 1316 USB/ALE sounding. 05/10 RP3

08057 SPI324: Polish Military 1700 ALE/USB Calls LCR154. (19Dec03) (RGA)

08057.5 : Polish Military? 1707 ALE/USB Very long burst moving off frequency at the end. no decode. (19Dec03) (RGA)

08057.5 SPI324: Polish Military 1758 ALE/USB Calls LCR154 who responds. (18Dec03) (RGA)

08058.6 KEA32: UNID US embassy, ??? 1029 USB/MIL-STD 188-141A, traffic to KAG29 (17Dec03) (LDO)

08058.6 KWV71: US embassy Ankara, TUR 1159 USB/MIL-STD 188-141A, traffic to KEA32 (17Dec03) (LDO)

08060.0 PAR: ROCKWELL COLLINS PARIS 1035 MIL.STD188-141A ALE on usb. Sounding (12/Jan)(DW)

08072 0811: Italian GUARFI Net 2028 ALE/LSB Calls 1000 with [AMD] SALUTIMVCC- 811PIGNATELLI. (22Dec03) (RGA)

08075 DT0: Unid 1932 ALE/USB Calls GR2. (18Dec03) (RGA)

08075.0 CR1: Unid 2300 ALE/USB CR1 calling 2 and MA1 (23/09/03) (AJP)

08086 AL32: Algerian MOI 2128 ALE/USB Calls KP30. Many others. Very active Net. (22Dec03) (RGA)

08086 LN31: Algerian MOI 1806 ALE/USB Calls AL32. Many subscribers active on this net. (18Dec03) (RGA)

08086.0 LN31: 1746 Probably Algerian MOI according to colleagues ALE/USB 05/10 (PP1)

08094 AL03: Algerian MOI Algiers 2146 ALE/USB Calls RV01 then calls QF01. (30Dec03) (RGA)

08097 : Enigma V2A 0500 USB Fair-strong/readable S9+5. Into message. (01Jan04) (CA)

08097 : Enigma V2A 0600 USB Strong/readable S9+5. Into message. (01Jan04) (CA)

08097.0 Y/L (SS): 0531 USB w/5-figure groups. 08/01 RP3

08100 DD1: Israel AF 2039 ALE/USB Sounds. Also BB1 and AAA. BB1 seen on 7630 USB at 2142z. (22Dec03) (RGA)

08103.0 4XZ (Israeli Navy, Haifa): 2353 CW. 08/01 RP3

08124.5 2PBR021D2131: Macedonian 2nd infantry Brigade MKD 0923 USB/MIL-STD 188-141A/MIL-STD 188-110A encrypted tfc. to KOV021D2131 using Harris equipment (23Dec03) (LDO)

08124.5 KOV021D2131: Macedonian Land Forces Command MKD 0923 USB/MIL-STD 188-141A/MIL-STD 188-110A encrypted tfc. to 2PBR021D2131 using Harris equipment (23Dec03) (LDO)

08125.0 FAAZLC: (Salt Lake City ARTCC): 0358 USB/ALE sounding. 29/09 RP3

08125.0 FAAZNY: (New York ARTCC): 2334 USB/ALE sounding. 11/10 RP3

08132.0 Cuban illicit: 2318 CW w/cut numbers. 08/01 RP3

08133.5 Cuban Illicit: 0714 CW w/cut numbers. 09/01 RP3

08142.0 BELEHRAD: Czech embassy Beograd, YUG 1149 USB/MIL-STD 188-110A serial tone modem, IRS-mode, Datron HFCOM2 ARQ-protocol, QSX 9301 khz USB(02Oct03) (LDO)

08152 QF18: Algerian MOI 2204 ALE/USB Calls QF13. (30Dec03) (RGA)

08156.0 O/M (Caribbean EE-probable vessel): 2105 USB O/M (Caribbean EE-probable dispatcher) telling dispatcher that they are currently alongside Hotel 1999. Probable Bahamian Defence Force. 08/01 RP3

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08160.0 O/M (SS): 0002 USB w/O/M (SS). 09/01 RP3
08171.5 T1Z159 (1/159th Avn Bn, Ft Bragg NC): 1929 USB/ALE sounding.
18/12 RP3
08176.0 VMC: Eastern Australia 1140 USB maritime wx 02/Oct/2003 (BM)
08176.0 unid: Australian maritime station AUS 17:00 J3E/USB EE male
voicemuch QRN/QSB only a few words audible a.o. New South
Wales (28 DEC)(PP)
08176.0 unid: number 1528 AM earstern europ lang??not polish
yl"chedem,ochem,..." Jan17 04 ML
08180.0 LESKOVIKU: Alban. Ministry 1628 USB/ALE MIL-188-141A
[TO]:SHEBENIKU Alban. Ministry (27/Dec/2003) (KK)
08181.5 TBZ159 (Company "B", 1/159th Avn Bn, Ft Bragg NC): 1604
USB/ALE sounding. 19/12 RP3
08184.5 : Unid 1726 UNID/200/450 No ACF. (10Jan04) (RGA)
08185 ELEFANTE: MOD Roma, I 0830 USB/FSK-1200Bd/ISS-mode, sending
tfc. to Bisonte, QSX 9332 kHz (23Dec03) (LDO)
08187.0 CLC22 (Communications Logistics Center, 22nd Infantry Bde.
Venezuelan Army): 2350 USB/ALE TO SCLC222 (Communications
Logistics Center, 222nd Infantry Bn). Also noted on 07597.0.
12/10 RP3
08187.7 9MR: Malay Navrad 0020 RTTY/50/850 RY/ID etc.
(01/Jan/04) (RH2)
08191.7 9MR: Malay Navrad 1626 RTTY/50/850 5LG to 4 warships.
(30/Dec/03) (RH2)
08195.0 O/M (SS): 0012 USB w/O/M (SS). 13/01 RP3
08224.0 O/M (SS): 0103 LSB w/unheard station. Encryption system also
noted on this freq. 01/10 RP3
08229.4 : Unid 1626 ACB462 on ZLA/Globe AwanuiRadio ship freq.
(19Dec03) (RGA)
08260.0 O/M (SS): 2210 USB w/O/M (SS). Miami mentioned often in
exchange. 07/01 RP3
08269.0 Unid: 0200 RTTY 50bd/425hz w/CW sign off, possibly VFV.
26/12 RP3
08276.7 Unid: 0319 CW. Continually sending AL then gone. 15/01 RP3
08294 OMC: Bratislava Radio, SVK 0922 USB, tfc. to various stations
in Slovakia (23Dec03) (LDO)
08294.0 O/M (IT): 2213 USB w/O/M (IT). Brazil mentioned often in
exchange. 07/01 RP3
08295.0 unid: 0532 USB russian om September/20 (ML)
08298 VTP13/14 IN Vishakhapatnam 1620 RTTY/50/850 RY/ID/SG.
(30/Dec/03) (RH2)
08303 LOR: AN Puerto Belgrano 0025 RTTY/75/170 Coastal Wx/SS.
(22/Dec/03) (RH2)
08307.1 CGD9: & NODY, US Coast Guard District 9 & cutter Acacia: 1558
USB ALE (10/JAN/04) (JLM)
08310.0 unid: or pirate ?? 1955 usb greek long d/x Jan14 04 ML
08314.5 9HD: Globe Malta 1724 ACB462 Idlers. (10Jan04) (RGA)
08334 5555: N.African Net 1640 ALE/USB Sounds. Also sounding on
8560 USB. (19Dec03) (RGA)
08346 XSV: Globe Tianjin PRC 1721 ACB462 Traffic then idlers.
(10Jan04) (RGA)
08364.5 O/M (SS): 2214 LSB w/O/M (SS). 07/01 RP3
08375.0 UHWK: SRTM Blaznovo 1104 ARQ crew msg to Vladivostok
(02Dec03) (ML2)
0838.5 Unid: 2125 Fax. Wx chart of Europe. Probably Bracknell
Meteo. 14/01 RP3
08397.0 UCPD: SHIP PAWEL KORCHAGIN 1623 arq 100/E/170 Tfc in 3sc.
(via Arkhangelsk?) (12/Jan)(DW)
08404 : Russian Military 1901 MS-5/4800/DPSK/USB Cipher.
(22Dec03) (RGA)
08414.5 ---: SHIP UNID 2050 arq 100/E/170 selcals XVSP (USCG
Boston/NMF). This is a GMDSS alert freq not a ship-shore
(arq) calling one. (29/Dec)(DW)
08414.5 ---: SHIP UNID 2153 DSC 100/E/170 247284000 cIng Rio de
Janeiro/007100001 with safety/Test. (21/Dec)(DW)
08414.5 ---: USCG CAMSLANT PORTSMOUTH 2152 DSC 100/E/170 003669995
responding to test fm Karoline/SYKV (21/Dec)(DW)
08414.5 : MRCC Boston MA USA Acknowledges undesignated distress

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- message from vs1 Gannett Arrow/C6QS5 allegedly in distress at 0225S 03832W. (17Dec03) (APB)
- 08414.5 : RCC Jeddah SDA 1618 GMDSS Relays distress message from Teddy Bear/WDB4959 apparently yet again in distress (listing, danger of capsizing) at 1540N 08404W. (14Jan04) (APB)
- 08414.5 : RCC Lower Hutt NZL 1314 GMDSS Acknowledges distress message from unknown Panamanian-registered vessel allegedly on fire after explosion at 2013N 06755E. (07Jan04) (APB)
- 08414.5 : Unid German MRCC 2203 GMDSS Relays undesignated distress message from vs1 UGDL/Bars allegedly in distress at 5551N 16313E. (16Dec03) (APB)
- 08414.5 : Unid MRCC 0754 GMDSS Relays supposed distress message from vs1 Seaboard Express/3ENX5 abandoning ship at undisclosed location! (25Dec03) (APB)
- 08414.5 : Unid MRCC 2013 GMDSS Relays alleged distress message from US vs1 Teddy Bear/WDB4959 allegedly disabled and adrift at 1623N 08726W. (31Dec03) (APB)
- 08414.5 : Unid Panamanian? MRCC 0737 GMDSS Relays supposed undesignated distress message from vs1 Golden Asia/3FHK4 allegedly at 3131N 12333E. (25Dec03) (APB)
- 08414.5 : Unknown Brazillian MRCC 0517 GMDSS Relays apparent distress message from Marshall Islands vessel Neches/V6CN6 allegedly in undesignated sort of distress at 4533N 05308W. (03Jan04) (APB)
- 08414.5 EQWY: SHIP IRAN AMOL 1603 DSC//100/N/170 Iranian ship MMSI 422182000 making (illegal) routine intership call on alert channel toMMSI 422170000 RQ RT on 4200khz. (12/Jan)(DW)
- 08414.5 MAR SHIP: 2013 GMDSS 273 "DVINA " October/10 (ML)
- 08414.5 NMA: MRCC Miami CA USA 1455 GMDSS Relays distress message from unknown Bermudian vessel allegedly disabled and adrift at 3443N 01657W. (05Jan04) (APB)
- 08414.5 NMG: MRCC New Orleans 0459 GMDSS Relays alleged and undesignated apparent distress message from unidentified apparent Thai-registered vessel at 1336N 13609W. (28Dec03) (APB)
- 08414.5 NMG: MRCC New Orleans 1901 GMDSS Relays alleged and undesignated distress message from vs1 Konamar/3EAG9 to all ships. Allegedly in distress at 1235N 07548W. (31Dec03) (APB)
- 08414.5 NMG: MRCC New Orleans LA USA 1748 GMDSS Relays undesignated distress message allegedly from PRC vs1 Bei Dai He/BOJC allegedly in distress at 3202N 11956E. (10Jan04) (APB)
- 08414.5 NMG: MRCC New Orleans/Norfolk 1420 GMDSS Relays apparent distress message from unidentifiable Philippino vessel allegedly in unspecified form of distress at 1636N 02117W. (26Dec03) (APB)
- 08414.5 NMN: CAMSLANT Chesapeake VA USA 1113 GMDSS Relays further distress message from Teddy Bear/WDB4959 allegedly disabled and adrift at posn 1540N 08404W. (15Jan04) (APB)
- 08414.5 NMN: CAMSLANT Chesapeake VA USA 2342 GMDSS Relays apparent distress message from unknown Barbadian vessel allegedly in undesignated distress at 5002N 00002E. (03Jan04) (APB)
- 08414.5 NMO: MRCC Alameda HWA 0624 GMDSS Acknowledges alleged undesignated distress message from Panamanian-registered vs1 CIC Pride/H9SQ allegedly at 3544N 12100E. (10Jan04) (APB)
- 08414.5 SYKV: SHIP KAROLINE 2151 DSC 100/E/170 239092000 cIng USCG Portsmouth for Safety/Test (21/Dec)(DW)
- 08415.0 ship id 308195000: Bahamas MAYA 1918 GMDSS calling 002733756 ?? russian coast st any idea?? October/09 (ML)
- 08416.5 NMC (CG Point Reyes CA): 0008 FEC/NAVTEX w/announcements. 16/01 RP3
- 08416.5 NMN (CG Camslant): 1637 Sitor w/wx forecasts. Also on 12759.0 & 16806.5. 18/12 RP3
- 08416.5 NMO-CG Honolulu HI: 0150 FEC/NAVTEX w/wx forecasts for Pacific areas. 14/01 RP3
- 08418.0 IAR: ROME RADIO 1558 CW Chan free marker "IAR" (12/Jan)(DW)
- 08419.0 LWR (poss Argentina): 2332 CW/FEC markers. 08/01 RP3
- 08419.4 PPR: Rio R 0311 CW marker (18/12/03) (AJP)
- 08419.5 PPR: RIO DE JANEIRO RADIO 2026 CW Chan free marker "PPR"

(12/Jan)(DW)
08420.5 CBV: Playa Ancha R 0312 CW marker (18/12/03) (AJP)
08420.5 CBV: VALPARAISO RADIO 2332 CW Chan free marker "CBV"
(12/Jan)(DW)
08420.5 HEC18: BERN RADIO 1610 CW Chan free marker "HEC" (12/Jan)(DW)
08421.0 WLO: MOBILE RADIO 2333 CW Chan free marker "WLO" - just
audible (12/Jan)(DW)
08421.5 LZW4: VARNA R 1456 SITOR A "navbulg...btu" Jan0204 ML
08421.5 LZW4: VARNA R 1353 SITOR A 3 telegrams Oktober/4 (ML)
08421.5 LZW4: VARNA R 1455 SITOR B cq de Jan0204 ML
08421.5 LZW4: VARNA R 1501 USB bulg duplex September/20 (ML)
08421.5 LZW4: VARNA RADIO 1619 CW Chan free marker "de LZW LZW"
(12/Jan)(DW)
08421.5 VRX: Hong Kong R 1622 CW Marker. (20/Dec/03) (RH2)
08423.5 ---: BOUFARIK RADIO? 1612 arq 100/E/170 In irs mode. Offair
without QSL or sign off (12/Jan)(DW)
08424.0 CBV: Playa Ancha R 0308 CW marker (18/12/03) (AJP)
08424.0 SVO4: OLYMPIA RADIO 1615 CW Chan free marker. Long tone and
"de SVO" (12/Jan)(DW)
08424.5 SVO (Olympia Radio): 2058 CW marker then into FEC w/CQ CQ CQ
DE SVO SVO SVO PRESS in transliterated Greek. 08/01 RP3
08426.0 NMC: USCG Point Reyes 0307 CW Marker. (18/12/03) (AJP)
08427.5 A9M: BAHRAIN RADIO 1632 CW Chan free marker "de A9M tlx"
(12/Jan)(DW)
08430.0 RRR34: MOSCOW RADIO 1634 CW Chan free marker "RRR34"
(12/Jan)(DW)
08430.5 NMO (CG Honolulu HI): 1209 CW/FSK markers. 19/01 RP3
08430.7 EAS (Cabo Pena Radio): 2144 CW/FSK markers. 13/01 RP3
08431.0 TAH: ISTANBUL RADIO 1636 CW Chan free marker "TAH"
(12/Jan)(DW)
08431.0 TAH: ISTANBUL RADIO 2012 fec 100/E/170 wx in TT. 2018 reverts
to chan free marker "TAH" (12/Jan)(DW)
08431.0 TAH: Istanbul R 0306 CW Marker (18/12/03) (AJP)
08431.5 UAT: MOSCOW RADIO 163 CW Chan free marker "de UAT"
(12/Jan)(DW)
08433.2 TAJ (unidentified, possibly Turkish): 0010 CW/FEC markers.
09/01 RP3
08434.0 TAH: ISTANBUL RADIO 1638 CW Chan free marker "TAH"
(12/Jan)(DW)
08434.0 TAH: Istanbul R 0304 CW marker (18/12/03) (AJP)
08435.0 UNID: 1005 ARQ selcal VMV idling ??any idea ?
October/11 (ML)
08435.5 OST40: OOSTENDE RADIO 164 CW Chan free marker "OST"
(12/Jan)(DW)
08436.5 UNID: 1007 ARQ selcal KYK idling ??any idea ?
October/11 (ML)
08439.0 PBC38: DN GOEREE ISLAND 1643 RTTY 75/N/850 CARB (12/Jan)(DW)
08439.0 PBC: DEN HELDER DCG 0916 ITA2/75 CARBS Oktober/4 (ML)
08443.9 : Murmansk Meteo RUS 1444 FAX/90/576/R after 120 lpm phasing.
Ice condx. Poor chart, strong slant. (29Dec03) (KB)
08451.0 FUG (FR Navy La regine): 2215 RTTY 75bd/850hz testing.
07/01 RP3
08453.0 FUG: FN LA REGINE 1645 RTTY 75/N/850 Marker "de FUG RYs SGs
figs" (12/Jan)(DW)
08453.0 FUG: FN La Regine 0301 RTTY 75/850 Testing (18/12/03) (AJP)
08454.0 UIW: KALININGRAD R 1626 ITA2/50 russian September/20 (ML)
08455.0 RLK7: ARKHANGELSK R 1030 CW "de RLK7..." October/11 (ML)
08465 : Unid 1630 RTTY/75/850 7.5-bit telecipher. (19Dec03) (RGA)
08475.5 FUX: FN LE PORT 1700 RTTY 75/N/850 Marker "O FAAA de RFVIE
znr uuuuu zui testing de FUX RYs SGs KKKK" (12/Jan)(DW)
08475.5 FUX: FN Le Port R,union 1631 RTTY/75/850 Test idler.
(19Dec03) (RGA)
08475.5 RFVIE: FN Le Port 1630 RTTY/75/850 Test tape.
(20/Dec/03) (RH2)
08478.5 FUF: FN FT DE FRANCE 2358 RTTY 75/N/850 Marker "FAA de FUF
RYs SGs figs testing figs" (12/Jan)(DW)
08480 HZY: Tas Tanurah Radio SDA 1636 CW CQ de HZY QTC FOR
ALDEBARAN STAR AND ... (19Dec03) (RGA)

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08484.0 HLG: SEOUL R 2041 CW18 "cq de hlg..."October/08 (ML)
08484.0 O/M (JJ): 0017 USB w/O/M (JJ). 13/01 RP3
08500 VTH1/5/7 IN Bombay 1636 RTTY/50/850 Test tape.
(20/Dec/03) (RH2)
08500 VTH1/5/7 IN Bombay 1745 RTTY/50/850 RY + 4LG.
(13/Jan/04) (RH2)
08500.0 RBSL: MUMBAI IND NAVY 1535 BAUD/50 rryryr "rbsl" encrypt ?
Jan17 04ML
08503.9 NMG: USCG New Orleans 0815 FAX Sea state analysis. Good copy
but (local?) wideband noise in this band (03Jan04) (KB)
08508.0 ---: Unid 0100 FSK 50/240 Possible Mil Russia
(19/12/03) (AJP)
08508.0 RDL: CISN MOSCOW 1007 CW(F1A) "RDL RDL RDL 84411" brief F1b
burst then offair (13/Jan)(DW)
08518.0 VTR: Indian Nvy Port Blair Andaman Is 1140 CW 4FG msgs & VVW
VTR 12/13 mkr (18Dec03) (ML2)
08518.4 DZX: Philippine Coast Guard Mandaluyong 1000 CW wx report
(area synopsis & 24 hr shipping f/cast) EE, DE DZX P.C.G.
s/off (20Dec03) (ML2)
08538.0 6WW (FR Navy Dakar): 1311 RTTY 75bd/850hz w/encrypted trfc.
19/12 RP3
08542.0 PKX: JAKARTA RADIO 1702 CW Marker "cq de PKX gru? k"
(13/Jan)(DW)
08549.0 UCE: ARKHANGELSK RADIO 2050 arq 100/E/170 irs mode then QSL
(poor copy). 3SC. Reverts to chan free marker. 2102z changes
to fec for tfc list "de UCE" (13/Jan)(DW)
08550.0 CTP (Portuguese Navy): 0016 RTTY 75/bd/850hz w/NAWS.
09/01 RP3
08550.0 CTP (Portuguese Navy): 02116 RTTY 75bd/850hz w/NAWS NAWS DE
CTP CTP J 04 06 08 12 MHZ AR. 07/01 RP3
08551.5 CTP: PB LISBON 1015 RTTY 75/N/850 Marker "NAWS de CTP qsx 04
08 12 16 mhz" (13/Jan)(DW)
08560.0 2222: (possibly Israeli Air Force): 2336 USB/ALE sounding.
29/09 RP3
08566.3 FUV (FR Navy Djibouti): 0021 RTTY 75bd/850hz testing.
09/01 RP3
08566.7 FUV (FR Navy, Djibouti): 0021 RTTY 75bd/850hz testing.
13/01 RP3
08570.5 UWS3: KIEV R 1935 CW "de uws" October/09 (ML)
08578.0 HAMZA: UNID 1501 MIL.STD 188-141A ALE on usb c lng HAA. Also
1503 1507 1520 1525 1529 1603 1607 (11/Dec)(DW)
08578.0 HAMZAN: 1911 unid to ANTARNET01 USB/ALE 20/12 (PP1)
08582.5 LOR: AN Puerto Belgrano 2155 RTTY/75/170 Avisos/SS.
(16/Dec/03) (RH2)
08586.0 US05: IZMAIL R 1903 ITA2/50 "deUS05 "September/20 (ML)
08600.0 XSV: Tianjin R 1000 CW w/HR TFC LIST NIL QRU K to CQ DE XSV
UP363 CLG mkr (03Dec03) (ML2)
08602.0 CWA: CERRITO RADIO 2114 CW Marker "cq de CWA qsx
4/6/8/12/16/22 mhz c 3/4/9/10" (13/Jan)(DW)
08602.0 CWA: Cerrito/Punta Carretas Uruguay 2351 CW coastal station
marker 02/Oct/2003 (BM)
08602.0 Unid: 0001 CW. Cuban illicit w/cut numbers. 16/01 RP3
08602.5 Unid: 0030 CW. Poss Cuban Illicit w/cut numbers. DE NCLA DE
OO KGR
08604 ZSJ: SAN silvermine 1530 MFSK32/54.5bd Undecodeable //6407
(12/Jan/04) (RH2)
08604.0 ---: Unid 0050 Unid mode. CROWD36? (27/09/03) (AJP)
08625.9 GYU: RN GIBRALTAR 1032 RTTY 75/R/200 CARB. "08a 12a GYU"
(13/Jan)(DW)
08625.9 GYU: RN Gibraltar 0253 RTTY 75/200 CARBS (18/12/03) (AJP)
08625.9 GYU: RN Gibraltar 1637 RTTY/75/180 08a 12a CARB.
(19Dec03) (RGA)
08634.0 VTG6: IN MUMBAI 2135 CW Tfc in offline encrypt (4fig grps)
(13/Jan)(DW)
08634.7 VTG6: IN Bombay 1701 CW Marker. (20/Dec/03) (RH2)
08638.5 DAO8: KIEL RADIO 1034 CW Chan free marker. CW ID "cq de DAO8"
every 3 mins (13/Jan)(DW)
08638.5 DAO8: KielRadio GER 1638 PACTOR-3 Idlers w/Morse ID.

(10Jan04) (RGA)
08640.3 MGJ: RN FASLANE 1040 4 chan (3 in use) fleet broadcast VFT on
usb. (13/Jan)(DW)
08642.0 CKN: Vancouver NAWS 2214 ITA-2 75/850 Freq list 2386 4158
6260 830912380 16562 22182 04/Oct/2003 (BM)
08642.1 MGJ: RN FASLANE 1042 RTTY 75/N/340 Chan 3 in vft. CARB. Chans
03p and 04p active (13/Jan)(DW)
08645.9 VTP6: IN VISHAKHAPATNAM 1840 CW Nav wngs for Naveara VIII
(13/Jan)(DW)
08646.0 VTP6: I Ny Vishakapatanam 0139 CW VVV de VTP
(18/12/03) (AJP)
08646.5 FUJ (FR Navy Noumea): 1216 RTTY 75bd/850hz testing. 19/01 RP3
08646.7 FUJ (FR Navy Noumea): 1455 RTTY 75bd/850hz encrypted trfc &
testing. 18/01 RP3
08646.7 FUJ (FR Navy Noumea): 1455 RTTY 75bd/850hz encrypted trfc &
testing. 18/01 RP3
08647.2 FUJ (FR Navy Noumea): 1322 RTTY 75bd/850hz w/encrypted trfc &
testing. 19/12 RP3
08662.0 TAH: ISTANBUL R 2101 CW 15 calling September/20 (ML)
08662.0 TAH: ISTANBUL RADIO 1855 CW Marker "cq de TAH qsx 4 8 and 12
mhz ch 3/4/8 k" (13/Jan)(DW)
08670.0 IAR: ROME RADIO 1213 CW Marker "vvv de IAR k 4 8 12 17 22 mhz
- we lsn 22 and reply on 17206.1 kh" (13/Jan)(DW)
08677.0 CBV: Valparaiso Playa Ancha, Chile 1120 FAX 120/576 surface
analysis chart 02/Oct/2003 (BM)
08682.0 NMC (CG Point Reyes CA): 0223 Fax w/Tropical wx Prediction.
07/01 RP3
08694.5 Unid: 1327 RTTY 75bd/850hz w/possible encrypted trfc.
19/12 RP3
08708 ATR020: Polish Military 2011 ALE/USB calls IAU025.
(18Dec03) (RGA)
08722.0 7TF37: BOUFARIK R 1408 USB french/eng sea forecast urgent & =
traffic list Oktober/4 (ML)
08728.0 3AC: MONACO R 0720 USB FF mediterranean weather Jan0204 ML
08734 SVO: OlympiaRadio Athens 1641 USB YL with service
announcement in EE and Greek. (19Dec03) (RGA)
08760 86OPS: USAF 86th Oper. Group Ramstein, D 1244 USB/MIL-STD
188-141A, sounding (17Dec03) (LDO)
08764.0 NMN: PORTSMOUTH 0849 USB EE perfect paul on the air...
Jan0204 ML
08764.0 NMN: PORTSMOUTH USCG 0950 USB eng / weather for the next days
Jan10 04 ML
08764.0 UIW: KALININGRAD R 2024 USB russian duplex Oktober/3 (ML)
08779.0 ---: Mazatlan R México 0209 USB SS Phonopach. QSY by QRM
(16/12/03) (AJP)
08779.0 ---: Mazatlan R México 0209 USB SS Phonopach. QSY by QRM
(16/12/03)(AJP)
08779.0 M1: Mil. Uruguay 0157 USB SS w/B1. RTTY comms failed
(16/12/03) (AJP)
08779.0 M1: Mil. Uruguay 0157 USB SS w/B1. RTTY comms failed
(16/12/03)(AJP)
08788.0 SPC42: GDYNIA R 0921 USB eng/polish yl duplex Oktober/4 (ML)
08790.5 ULO (unidentified, possibly Russian): 0027 CW/FEC markers.
09/01 RP3
08800.0 ZSC27: Capetown radio AFS 18:15 J3E/USB EE weather
bulletin,traffic list,navigational warnings. 3/jan/04 (PPA)
08805.0 E10: 1536 USB yl Jan0204 ML
08807.5 3AC: MONACO RADIO 1633 PACT-II 100bd Tfc list (28/Dec)(DW)
08815.4 unid ; unid station 16:51 ITA2-75/640 Encrypted tfc and S/OFF
(28DEC)(PP)
08816 26836: Russian Naval Aircraft 1359 CW wkg RJF94/Moscow and
RJC38/ Murmansk. QD UL?V 13?? QBM 3400 QB? 6300. Poor copy.
(23Dec03) (RGA)
08816 RJC38: Russian Naval Aviation Northern Stn Murmansk 1335 CW
RJC38 and RJF94/Moscow wkg aircraft 26832. (All very weak).
(23Dec03) (RGA)
08834.0 ---: FLIGHT LH8413 2016 HFDL Posn 43.24N 31.51E (13/Jan)(DW)
08837.0 Ben Gurion: (O/M Hebrew): 2247 USB w/aircraft (callsign

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missed-o/M=20Hebrew). E1 AL LODOC. 07/10 RP3
08840.0 Unid: O/M (IT): 2248 USB w/O/M (IT). 07/10 RP3
08843.0 AMTRAN 579: (B757-200 MDW to PHX to OGG) working San Francisco ARINC(MWARA CEP-1) in USB at 2028Z with position report and estimate for timeover DOPPS 01/05/04 (CR).
08843.0 Aloha 461: (B737-76N LAS to BUR to HNL) working San Francisco ARINC(MWARA CEP-1) in USB at 1815Z with DUETS position report followed by SELCALcheck 01/06/04 (CR).
08843.0 Aloha 465: (B737-700 SMF to BUR to OGG) working San Francisco ARINC(MWARA CEP-1) in USB at 1815Z with DANKA position report then is advised tomake next report on new primary of 13.354.0 01/06/04 (CR).
08843.0 Aloha 477: (B737-76N OAK to KOA) working San Francisco ARINC (MWARACEP-1) in USB at 1811Z for HF radio check while on the ground at Oaklandfollowed by SELCAL check on HQ-MR 01/06/04 (CR).
08843.0 FlexJet 321: (N321FX, Bombardier CL-600-2B16) working San FranciscoARINC (MWARA CEP-1) in USB at 2108Z to provide estimate for time overposition DUETS 12/31/03 (CR).
08843.0 Hawaiian 7: (B767-3G5/ER LAS to HNL) working San Francisco ARINC(MWARA CEP-1) in USB at 1816Z for SELCAL check on KP-AS 01/06/04 (CR).
08843.0 JAF871: (Cessna Citation Jet, reg. OE-FJU, Jetalliance) working SanFrancisco ARINC (MWARA CEP-1) in USB at 2042Z with position report andestimate for time over position DOPPS followed by request for ETA toHonolulu per FBO's request 01/05/03 (CR).
08843.0 N222LX: (Gulfstream V, Lexair 2001 Trust) working San FranciscoARINC (MWARA CEP-1) in USB at 2101Z with request for ground maintenancesELCAL check 01/05/04 (CR).
08843.0 N255QS: (Dassault Falcon 2000, NetJets) working San Francisco ARINC(MWARA CEP-1) in USB at 2103Z to check-in with estimate for time overposition BARTT and advises maintaining flight level 430 01/05/03 (CR).
08843.0 N32BD: (Gulfstream V, Black & Decker) working San Francisco ARINC(MWARA CEP-1) in USB at 2104Z with initial position report and advisemaintaining flight level 450 then is advised to call Oakland Center at 127won 134.150 followed by SELCAL check 12/31/03 (CR).
08843.0 N422QS: (Gulfstream IV, NetJets) working San Francisco ARINC (MWARACEP-1) in USB at 1625Z with estimate for time over position DOPPS followedby request for clearance to maintain mach .83 for the crossing to Hawaii01/06/04 (CR).
08843.0 N500RH: (G-1159A, Hendrick Motorsports) working San Francisco ARINC(MWARA CEP-1) in USB at 2019Z to check-in followed by SELCAL check on GH-CR01/05/04 (CR).
08843.0 N8157H: (Cirrus SR20) working San Francisco ARINC (MWARA CEP-1) inUSB at 2142Z to answer SELCAL check and is advised must make hourly positionreports while beyond Oakland Center's range 12/31/03 (CR).
08843.0 New Zealand 3: (B747-400 LAX to NZAA) working San Francisco ARINC(MWARA CEP-1) in USB at 2103Z for HF radio check then is advised to make8.867.0 primary crossing 140W 12/31/03 (CR).
08846.0 MWARA-New York: 2033z USB wkg DELTA 408, rqsts altered routing after BURTT. (27/Dec/2003) (ALS)
08846.0 UNID: American 789 2255 USB selcals, calling New York Radio 03/Oct/2003 (BM)
08858 AAA: Israeli AF NCS 2054 ALE/USB Sounds. (17Dec03) (RGA)
08858.0 BB1: ISRAEL AF 1840 USB/ALE "this was" Oct/13 (ML)
08859.0 O/M (SS): 2157 USB w/Y/L (SS). 17/12 RP3
08879.0 ---: AFI-5/INO-1 Seychelles 0125 USB EE Aero traffic (16/12/03) (AJP)
08879.0 ---: AFI-5/INO-1 Seychelles 0125 USB EE Aero traffic (16/12/03)(AJP)
08879.0 Speedbird 179: 1930 BAW179 USB w/Gander selcal EQ-BP registration G-BNLS B747 (wunala Dreaming) 12/10 (PP1)
08879.0 XAAPE: 1940 XAAPE , Falcon 900B USB pos rpt w/Gander 13/10 (PP1)

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08906 MAERSK791D: wkg S.Maria AZR 1552 USB (Posn missed) ... FL360.
(03Jan04)(RGA)

08906 SANTA MARIA: MWARA/NAT-A 1645 USB Sends N528AP/Gulfstream 3
to FL410 and QSY to 13306 kHz. (19Dec03) (RGA)

08906.0 ARINC New York: 1915 USB w/India 2181 (Italian Air Force)
w/position report and selcal check (missed). 13/10 RP3

08906.0 ATC NAT / STA MARIA: 1559 USB position & selcal REACH082
JAMAICA002,DELTA85,LAUDA ITALY1(milan>sto domingo /CEAS)
Dec25 /ML

08906.0 ATC NAT SHANWICK: 1257 USB selcal =3D ASGM CPRS DQCM CMPR
BPCQ October/11 (ML)

08906.0 BLGH: 1615 Polar Air Cargo flight 206 reg N922FT
w/santa maria for selcall B747 USB 29/12(PP1)

08912.0 ---: Arinc 04 0004 HFDL Riverhead, NY. (26/09/03) (AJP)

08912.0 F39: US Customs 0002 ALE/USB Sounding. Also D49. Then vocoder
? (26/09/03) (AJP)

08915.0 O/M (SS): 0019 USB w/O/M (SS). 30/09 RP3

08920.0 O/M (SS): 0018 USB w/Y/L (SS). Appears to be confirming
receipt of message. 30/09 RP3

08922 ICE HOUSE: 28-char EAM 1623 USB N6JNTT simulcast on at least
6697 with nothing heard on 11244 and 13155. (08 Jan 04) (JH)

08930.0 LDOC STOCKHOLM: 0535 USB eng September/20 (ML)

08930.0 LDOC STOCKHOLM: 0723 USB eng UNITED 345 ? September/28 (ML)

08930.0 UNID: stockholm Radio 2358 TFATD Orlando trying to raise
Stockholm Radio,QSY 5505 02/Oct/2003 (BM)

08939.0 VM ROSTOV: 1626 USB russian y1 October/11 (ML)

08939.0 Volmet CIS: loc ?? 0536 USB russian sig 1 September/20 (ML)

08942 A6S: Unid 1014 ALE/USB calling H10. ARINC freq (31Dec03) (KB)

08942.0 ---: FLIGHT KE0502 1545 HFDL on usb. Air psn 56.36N 17.25E
(30/Dec)(DW)

08942.0 ---: FLIGHT KH8420 1544 HFDL on usb. Air psn 53.34N 19.45E
(30/Dec)(DW)

08942.0 007: ARINC SHANNON 1544 HFDL Squitters on usb (30/Dec)(DW)

08942.0 5FI: MOROC GENDARMES ?LOC 1128 MIL.STD 188-141A ALE on usb.
C1ng 7UD (11/Jan)(DW)

08942.0 7UD: MOROC GENDARMES ?LOC 1638 MIL.STD 188-141A ALE on usb.
C1ng 4AA. 1642 c1ng 5FI (11/Jan)(DW)

08942.0 A0P: UNID 1617 MIL.STD 188-141A ALE on usb. C1ng L9X
(30/Dec)(DW)

08942.0 H10: UNID 1609 MIL.STD 188-141A ALE on usb. C1ng A0P
(30/Dec)(DW)

08942.0 H6W: MOROC GENDARMES ?LOC 0743 MIL.STD 188-141A ALE on usb
c1ng L9X. Also at 0750 (31/Dec)(DW)

08942.0 H6W: UNID 1538 MIL.STD 188-141A ALE on usb. C1ng A0P
(30/Dec)(DW)

08942.0 L9X: UNID 1810 MIL.STD 188-141A ALE on usb. C1ng H6W
(30/Dec)(DW)

08942.0 Q2R: MOROC GENDARMES ?LOC 1106 MIL.STD 188-141A ALE on usb.
C1ng P4N (11/Jan)(DW)

08942.0 a0p: unid: 1900 MIL-STD 188/141A [RX][CH 00][TIS A0P][E]
[RX][CH00][TO H6W][TO H6][E] 29-Dez-03 (wp3)

08942.0 fi9: unid: 1856 MIL-STD 188/141A [TO][H6W][TWS][FI9]
[AL0] 29-Dez-03 (wp3)

08942.0 l9x: unid: 1856 MIL-STD 188/141A [RX][CH 00][TIS L9X][E]
[RX][CH 00][TO H6W][TO H3Q][E] 29-Dez-03 (wp3)

08965 160020: USAF C-5 Galaxy 86-0020 2017 ALE/USB wkg CRONPR/USAF
NIPRNet Stn Croughton. (09Jan04) (RGA)

08968 JDGSPR: USAF SIPRNet Stn Diego Garcia BIOT 2004 ALE/USB
Sounds. (09Jan04) (RGA)

08974.0 SAF: 1740 USB spanish September/17 (ML)

08977 G-VGOA: Virgin Atlantic A340 'Indian Princess' 1844 HFDL
Reports 5143N 02354W to Reykjavik. ICAO ID 4D9002.
(18Dec03) (RGA)

08977 I-LIVA: Livingstone A321 Flt LVG272 1850 HFDL Signs on to
Reykjavik. (18Dec03) (RGA)

08977 LH8283: Lufthansa Cargo MD11F 1747 HFDL Signs on to Reykjavik
from 5406N 03852W. (18Dec03) (RGA)

08977 N315UP: UPS B767 Flt UP6741 1747 HFDL Reports 5601N 03656W to

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- 08977 ARINC Reykjavik. (18Dec03) (RGA)
N325UP: UPS B767 Flt UP6727 1751 HFDL Reports 5451N 02751W to
ARINC Reykjavik. ICAO ID CD41C5. (18Dec03) (RGA)
- 08977 N451PA: Polar Air Cargo B747 1846 HFDL Signs on to Reykjavik.
(18Dec03) (RGA)
- 08977 VP-BWG: Aeroflot A319 1754 HFDL Signs on to Reykjavik.
(18Dec03) (RGA)
- 08977 VP-BWK: Aeroflot Flt SU0584 1853 HFDL Reports 4457N 01443E to
ARINC Reykjavik. (18Dec03) (RGA)
- 08977.0 CO029: Continental Flight 029 N76151 B767 HFDL
29/12 (PP1)
- 08977.0 SU0106: Aeroflot flight 106 reg VP-BWD A320 HFDL
29/12 (PP1)
- 08977.0 SU0118: Aeroflot flight 118 reg VP-BDK A320 HFDL
29/12 (PP1)
- 08983.0 USCG CAMSLANT: -Chesapeake 1630z USB wkg M2R, passes encoded
position report. (27/Dec/2003) (ALS)
- 08989.0 O/M (SS): 0015 USB w/several O/M (SS). Each call up starts
with " Bueno Noche, Hermano (good evening brother). Appears
to be some sort of net check in. 30/09 RP3
- 08992 BACK FIRE: Clg MAINSAIL 1638 USB "with request" with no
request and quiet. (19 Dec 03) (JH)
- 08992 DEPENDENT(?): 28-char EAM 1922 USB preceding ANDREWS' 1927z
HFGCS bcst of same and simulcasting on at least 11244 and
maybe 13155. (18 Dec 03) (JH)
- 08992 DUMPLING: Clg MAINSAIL 0028 USB For radio check and gone.
(08 Jan 04) (JH)
- 08992 FAIRNESS: 28-char EAM 0046 USB Suspect NAOC. HLFXUD slightly
preceding OFFUTT's HFGCS bcst of same, and simulcasting same
on at least 11244. (31 Dec 03) (JH)
- 08992 LUNCH BOX: wkg NOMINATE 2010 USB (Suspected NAOC) Requesting
to go secure on what sounded like "three ? ?" and quiet.
LUNCH BOX was back up at 2015z calling NOMINATE with no known
response and quiet. (10 Jan 04) (JH)
- 08992 MUD GUARD(?): Clg Unid 0715 USB Called once with no known
response and quiet. (19 Dec 03) (JH)
- 08992 OFFUTT: Clg OVERRIDE 2006 Called a number of times for a
radio check with no response and gone. (29 Dec 03) (JH)
- 08992 OVERRIDE: 22-char EAM 2056 USB Suspected NAOC. HLDOLY
slightly preceding OFFUTT's 2056z HFGCS bcst of same
(OVERRIDE overrode OFFUTT's strong xmtr) and simulcasting
same on at least 11244 with nothing heard on 6697, 13155 or
any ZULU freq. (29 Dec 03) (JH)
- 08992 OVERRIDE: Clg OFFUTT & MCCLELLAN 2030 USB Maybe briefly
raising MCCLELLAN for a connectivity check and gone.
(29 Dec 03) (JH)
- 08992 OVERRIDE: Clg SKYMASTER 1954 USB Broadcasting a 3-group 3-6-9
message (7RC NBL I52) simulcast on at least 11244 with
nothing heard on 13155. (29 Dec 03) (JH)
- 08992 PETTIBONE: wkg STAFF CAR 1704 USB "On orderwire BRAVO" and
quite. Apparently keying 8992 in error. (11 Jan 04) (JH)
- 08992 POPULATE: EAM Bcasts 1825 USB HLGLYC/28-char and MTWN2G/39-
char. preceding OFFUTT's 1833z bcst of same and simulcasting
on at least 11244 and 13155 with nothing heard on 6697.
(28 Dec 03) (JH)
- 08992 ROOM RENT: Clg OFFUTT & ANDREWS 2236 USB Raised ANDREWS for
an attempted phone patch to a DSN 271 number (TECH CONTROL).
Per ANDREWS, TECH CONTROL was unaware of purpose of patch so
ROOM RENT requested a common DSN 939 number (OVER RIDE;
NAOC). ROOM RENT asked if OVER RIDE would coordinate GEP
activity with COLA NUT, requesting 7D RF17 in CIGAR BOX (GEP
location). OVER RIDE confirmed they would assist, patch was
terminated, and gone. (29 Dec 03) (JH)
- 08992 SAM 6823: Clg MAINSAIL 1628 USB No known response.
(08 Jan 04) (JH)
- 08992 SAM WORTH: Clg RAZOR 08 1839 USB (Maybe RANGER 08 - unheard
here) Suspected NAOC. Offering assistance with no known
response. Back up a few minutes later with same, again with

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no response. SAM WORTH is/was apparently guarding the freq. Same signal level as yesterday's OVER RIDE. (30 Dec 03) (JH)

08992 SNOOP 53(?): Clg MAINSAIL 0102 USB No known response. (11 Jan 04) (JH)

08992 STEEL 71: Clg MAINSAIL 1535 USB Requesting message traffic. He was given the preambles HLHKAB and HLASCH and gone. (29 Dec 03) (JH)

08992 Unid French Stn: Clg CIRCUS V???? 1912 USB Muffled. Called a few times with no response. Good levels for local mid-day; FAF normally heard here at weak to sometimes fair levels during the local night. (OTOH, France's Defense Minister is due in Washington Thursday. Perhaps signal level is related.) (14 Jan 04) (JH)

08992 Unid: EAM Bcast 2026 USB Too weak to ascertain whether player or HFGCS, sounded like a player. 53HNHL with no simulcast heard. (11 Jan 04) (JH)

08992 Unid: Two Players 1815 USB Good levels but missed id's. Briefly working each other regarding going secure and quiet. Freq periodically keyed with no voice audio since 1817z. Freq keyed with music at 1830z. (30 Dec 03) (JH)

08992 WIRE ROPE: 28-char eAM 0309 USB QISXIH with character count. Nothing heard on 6697 11244 or 13255. (12 Jan 04) (JH)

08992.0 CUW: LAJES PAF 1011 USB portug d/x flight position Jan0204 ML

08992.0 Reach 6181: 0137Z Reach 6181 [type?] call McClellanPP March AFB, CA - ETA 0350Z7/oct/03 (RR)

08992.0 Reach 7040: 2245Z Reach 7040 [type?] call Offutt PP Dover AFB, DE - got wx for Dover at 0100Z 27/sep/03 (RR)

08992.0 Titan 07: 0040Z Titan 07 [KC-130?] call Offutt PPJacksonville NAS, FL - ETA 2240local 7/oct/03 (RR)

08992.0 USAF 1702: USB d/x charlie016 /reach026 Jan15 04 ML

08992.0 USAF CROUGHTON: 1537 USB om EAM Jan0104 ML

08992.0 unid: USAF Keflavik ICE 17:47 J3E/USB YL with EAM msg header(key??)HLVVIF 27/dec/03 (PP1)

08996.5 O/M (SS): 0029 USB w/Y/L (SS). Familiar conversational tone. 01/10 RP3

09010.0 O/M (Portuguese): 0005 USB w/aircraft 05 (O/M Portuguese). Brazilian Air Force. Some weak ALE also noted on this freq . 01/10 RP3

09013.3 TFAVN: US-MIL "Eagle Base" Tuzla, BIH 0101 USB/MIL-STD 188-141A, sounding (16Dec03) (LDO)

09024.0 ST PETERSBURG AIR: 1130 USB russian / Jan03 04 ML

09025 190013: USAF C-5 60-0013 1934 ALE/USB Sounds. (22Dec03) (RGA)

09025 PLA: USAF Lajes Field AZR 1959 ALE/USB Calls HAW/Ascension. (10Jan04) (RGA)

09025.0 210086: C-17 (91-0086) 1612 USB/ALE MIL-188-141A [TO]: PLA Lajes, AZR (03/Dec/2004) (KK)

09025.0 210086: C-17 (91-0086) 1613 USB/ALE MIL-188-141A [TO]: ?? GlobAC [CMD (AMD or other mode in Hex)]: 43 43 43 43 44 38 33 31 32 33 38 32 33 38 38 31 4E 4E 4E 4E 20 (03/Dec/2004) (KK)

09025.0 ADW: USAF ANDREWS 2000 MIL.STD 188-141A ALE on usb. Sounding. (14/Jan)(DW)

09025.0 CICLON: (Mexican Army): 1216 USB/ALE TO HURACAN (Mexican Army). 26/12 RP3

09025.0 CRO: USAF CROUGHTON 1640 MIL.STD 188-141A ALE on usb. Sounding (21/Dec)(DW)

09025.0 CRO: USAF CROUGHTON 2007 MIL.STD 188-141A ALE on usb. Sounding (14/Jan)(DW)

09025.0 GVT: (E-Systems, Greenville, TX): 2207 USB/ALE sounding. 09/10 RP3

09025.0 ICZ: USAF SIGONELLA 1600 MIL.STD 188-110A ALE on usb. Responding to IKF/keflavick. 1609 clng JDG/Diego Garcia. 1615 sounding. (21/Dec)(DW)

09025.0 IKF: USAF KEFLAVICK 1600 MIL.STD 188-110A ALE on usb. Clng ICZ/sigonella. 1608 sounding. (21/Dec)(DW)

09025.0 JDG: USAF DIEGO GARCIA 1951 MIL.STD 188-141A ALE on usb. Sounding. (14/Jan)(DW)

09025.0 JNR: USAF ROOSEVELT RDS 1954 MIL.STD 188-141A ALE on usb.

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Sounding, also at 2002 (14/Jan)(DW)
09025.0 OFF: (Offutt): 1253 USB/ALE TO J02 (USCG HH-60 #6002, CGAS San Diego). 26/12 RP3
09025.0 USAF 210086: 1612 ALE to PLA / Jan03 04 ML
09025.0 USAF 280050: 1737 ALE SND Jan0204 ML
09025.0 USAF 360151: 1710 ALE Jan0204 ML
09025.0 USAF CROUGHTON: 1711 ALE to IKF IFV(?) YMD (?) Jan0204 ML
09025.0 USAF GUAM: 1703 ALE to JTY (yokota)Jan0204 ML
09025.0 USAF HIK HICKAM: 1716 ALE SND Jan0204 ML
09025.0 USAF MCC: (Mc Lelan) 1606 ALE SND Jan0204 ML
09025.0 USAF: "this is JNR" 0444 USB/ALE sounding October/10 (ML)
09025.0 USAF: 0454 USB/ALE sounding "to JDG" October/10 (ML)
09025.0 USAF: 0802 USB/ALE "THIS WAS ADW" ANDREWS 10/12 (ML)
09031.0 MQP: RAF UPAVON ? 1015 USB EE architect /ascott 2412(VC-10) requesting EGVN (brize norton) frequency 4712 Jan0204 ML
09031.0 RAF ARCHITECT: 1221 USB this is Jan17 04 ML
09032 Mac Centre: wkg KJB (Twin Otter) 0432 USB KJB unreadable here (30/12/03) (JC)
09032 South Pole: wkg Mac Centre 0712 USB Has SBH (Twin Otter) landed yet? (SBH called Mac Centre at 0718). (26/12/03) (JC)
09032.0 ICE 12: with status report to unid ground station (Mac Centre I suppose) at 0624 utc Oct 11. Good signals from both. Secondary frequency announced as 5643. 11/oct/03 (D)
09035.0 STANORD: Danish AF Station Nord 1452 ALE/USB c1g FOTAB(26Dec03) (MO)
09040.7 5YE: Nairobi Met 0112 RTTY/100/850 wx groups. (22/Dec/03) (RH2)
09041.0 5ye Nairobi Meteo: 1527 rtty 100/850 cq cq cq de 5ye 5ye ryryryr weak signal 17-Jan-04 (wp3)
09041.0 5YE: NAIROBI MET 1600 RTTY 100/N/850 Met tfc/marker - vri poor copy (21/Dec)(DW)
09041.0 5YE: NAIROBI MET 1842 RTTY 100/N/850 Met tfc. Poor copy (14/Jan)(DW)
09041.0 5YE: NAIROBI R 1945 ITA2/100 "de 5ye"ryryry txt poor saved October/06 (ML)
09050.0 O/M (SS): 2155 USB w/o/M (SS). 17/12 RP3
09052 LECAIRE: French Embassy Cairo 1918 ALE/USB Calls KHARTOUM. (22Dec03) (RGA)
09052 LECAIRE: French Embassy Cairo 2031 ALE/USB Calls KHARTOUM/Khartoum embassy. (18Dec03) (RGA)
09052.0 KIGALI: French embassy Kigali, RRW 0220 USB/MIL-STD 188-141A c1ng KHARTOUM (09Sep03) (LDO)
09060 : Enigma M8A 0400 USB weak/readable. Into message. (01Jan04) (CA)
09060 : Enigma M8A 0500 USB weak/mostly unreadable. Into message. (01Jan04) (CA)
09060.0 RM8: (Military Region #8) LQA w/JADE 0108 13/jan/04 (HS)
09060.0 Unid: 0408 CW. Cuban Illicit w/cut numbers. 15/01 RP3
09060.0 Unid: 0515 CW. Possibly M8 Cuban illicit w/cut numbers. 16/01 RP3
09062.0 ---: Unid 0510 CW 5FG Cuba ? (14/12/03) (AJP)
09062.0 Y/L (SS): 0700 AM w/"Attencion" 5-figure groups. 09/01 RP3
09064 HEC: Globe Berne 1657 ACB462 In traffic. (09Jan04) (RGA)
09065.0 KRBMNG: (Arkansas NG, Robinson AAF Little Rock AK): 0114 USB/ALE sounding. 01/10 RP3
09067.7 : Unid Egyptian Diplo 1748 ARQ End of sked huxd yks. Offair. (17Dec03) (RGA)
09067.7 NO CALL: ; unid eGY DIPLO 18:20 SITOR-a/100/170 atu-a MESSAGE NOIDENTIFICATION (7 JAN) (PPA)
09067.7 no call ; UNID Egy diplo 18:20 Sitor-A/100/170 ATU-A message no identification (7 Jan)
09081.5 T1Z147 (1/147th Avn Bn, WING Truax Field, Madison WI): 1841 USB/ALE TO R20467 (UH-60A helo). 18/12 RP3
09086.0 ELEFANTE: MoD Roma, I 1242 USB/ELMER FSK-1200Bd,IRS-mode, receiving tfc. from "VOLPE" [=3Dfox],QXS not found (03Oct03) (LDO)
09102.7 ---: EGYPTIAN DIPLO? 1848 arq 100/E/170 Tfc in offline encrypt. Poor copy before fading 1907z 2054 Tfc in offline

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- encrypt. Poor copy thru 2105z (14/Jan)(DW)
- 09106.0 AAR1DDMARS (Army MARS SHARES Regional Control): 1725 USB/ALE TO NNN0STE (Navy/Marine MARS SHARES station). NNN0STE then w/NNN0FJK. 07/01 RP3
- 09106.0 0004SCCAP (South Carolina CAP): 1510 USB/ALE sounding. 07/01 RP3
- 09106.0 AAR1ISMARS: (Army MARS): 1640 USB/ALE TO AAT1AWMARS (Army MARS). 08/120 RP3
- 09106.0 AAV2AS (SHARES station): 1709 USB/ALE TO AAR1DDMARS (SHARES Regional station). 14/01 RP3
- 09106.0 NAVEVERETT: (US Naval Base, Everett Wash): 0331 USB/ALE 05/10 RP3
- 09108.1 NMF: USCG Boston MA 1906 FAX/120/576 Chart. Natl. Weather Svc. Nice clean reception. (21Dec03) (CB)
- 09110 CD10: Algerian MOI 1939 ALE/USB Calls CD12. (10Jan04) (RGA)
- 09110.0 NMF (CG Boston): 1952 Fax w/wx. 19/12 RP3
- 09110.0 NMF: USCG BOSTON 1908 FAX 120/576/N/800 24 hr sfc prog. Grainy pix. Followed (1915z) by wind/wave prog, with improving signal. (14/Jan)(DW)
- 09110.0 NMF: USCG BOSTON 1930 FAX 120/576/N/800 24hr 500hpa prognosis then 36hr prog (21/Dec)(DW)
- 09112.2 O/M (CC): 2204 USB w/O/M (CC). 07/01 RP3
- 09118.7 : Unid Egyptian Diplo 1737 ARQ Long period of IRS. weak. (17Dec03) (RGA)
- 09120.0 ANDREWS: & unid (possibly CAPACITY): 1523 USB voice/data (10/OCT/03) (JLM)
- 09122.5 MVD1 (Vicksburg, Mississippi valley Divison, Corps of Engineers): 0749 USB/ALE sounding. Also sounding on 16077.0 & 16326.0. 13/01 RP3
- 09130.0 E10: 2135 USB y1 alphabetical trans Jan09 04 ML
- 09135.0 FDG: FAF BORDEAUX 1656 RTTY 50/R/850 Marker. Vri poor with RYS and "voyez le brick" string (21/Dec)(DW)
- 09151.7 ---: EGYPTIAN DIPLO (CAIRO?) 1700 arq 100/E/170 Tfc in AA(ATU80) thru 1722 then into irs. (21/Dec)(DW)
- 09153.0 Y/L (SS): 0521 USB Attencion (V2) w/five figure groups. 16/01 RP3
- 09154.0 no-call: Russian intel, RUS 1644 BAUDOT 200.32Bd/500Hz, auto broadcasting null message to 162(02Oct03) (LDO)
- 09158,0 srlam unid: 1550 MIL-STD 188/141A [TO][CO2MC][TIS] [SR1AM] 17-Jan-04 (wp3)
- 09158,0 umlar unid: 1750 MIL-STD 188/141A [TWS][UM1AR] 17-Jan-04 (wp3)
- 09165.0 300: 1944 unid net ALE/USB 04/10 (PP1)
- 09166.4 : ICRC Geneva, SUI 1833 PACTOR-II long message to Nairobi [MB1NAI] (12Dec03) (LDO)
- 09183.5 ME1 (FBI Memphis TN): 0716 USB/ALE TO AT1 (FBI Atlanta GA). Also noted on 07930.5. 14/01 RP3
- 09183.5 NY1: (FBI New York City): 1512 USB/ALE TO QT1 (FBI Quantico VA). 29/09 RP3
- 09183.5 WF1: (FBI, Wash DC Field Office): 1743 USB/ALE sounding. 29/09 RP3
- 09189.0 unid: pirate ? 0922 USB russian or ukran? d/x phone dial? Jan10 04ML
- 09190 T571AA: US Army 571 Med Co (AirEvac) Iraq 1940 ALE/USB Sounds. (10Jan04) (RGA)
- 09190.0 TB5159: 2314 unid (US Army Iraq ??) ALE/USB 13/01 (PP1)
- 09198.0 OFM: (Chilean Navy): 0652 LSB/ALE sounding. 07/10 RP3
- 09213.5 FOXTROT: ECHO WHISKEY & others in USN net. Strong RTTY also present: 1339 USB (24/SEP/03) (JLM)
- 09227.0 AA1: 2025 Israeli AF ALE/USB 04/10 (PP1)
- 09227.0 AA1: ISRAEL AF 1850 USB/ALE "this was" Oct/13 (ML)
- 09251 LINCS POACHER: Enigma E03 1906 USB OW with electronic tune and 87205 callup. (22Dec03) (RGA)
- 09285.0 5FI: MOROC GENDARMES ?LOC 1127 MIL.STD 188-141A ALE on usb. C1ng 7UD (11/Jan)(DW)
- 09285.0 A0P: MOROC GENDARMES ?LOC 1134 MIL.STD 188-141A ALE on usb. C1ng L9X (31/Dec)(DW)
- 09285.0 Q2R: MOROC GENDARMES ?LOC 1103 MIL.STD 188-141A ALE on usb.

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- Canadian airfields actuals. (10Jan04) (RGA)
- 10055.0 O/M (CC): 2137 USB w/o/M (CC). 07/01 RP3
- 10057.0 Delta 91: (B767-300 ATL to HNL) working San Francisco ARINC (MWARACEP-3) in USB at 2047Z to request HF frequency assignment while on the ground in Los Angeles and is advised to make 8.843.0 primary followed by SELCAL check on BL-HM 12/31/03 (CR).
- 10057.0 Hawaiian 25: (B767-300 PDX to HNL) working San Francisco ARINC(MWARA CEP-3) in USB at 2201Z with HEMLO position report 01/06/04 (CR).
- 10057.0 Hawaiian 39: (B767-300 PDX to OGG) working San Francisco ARINC(MWARA CEP-3) in USB at 2047Z with HEMLO position report 12/31/03 (CR).
- 10057.0 Japan Air 69: (B747-446, reg. JA8906, LAX to RJBB) working San Francisco ARINC (MWARA CEP-3) in USB at 2208Z to check-in and advises CPDLC enabled followed by SELCAL check on CR-MQ then is advised to report crossing 140W 01/06/04 (CR).
- 10057.0 Nippon Cargo 152: (B747-200 RJAA to SFO to LAX) working San Francisco ARINC (MWARA CEP-3) in USB at 1908Z is cleared to deviate up to 20 nautical miles left of route and to report when back on course 01/07/04 (CR).
- 10057.0 Singapore 015: (B777-212/ER, reg. 9V-SVC, SFO to ICN to SIN) working San Francisco ARINC (MWARA CEP-3) in USB at 2202Z to check-in followed by SELCAL check on LS-GQ then is advised to call back when crossing 140W 01/06/04 (CR).
- 10057.0 United 805: (B747-422 SFO to VHHH) working San Francisco ARINC(MWARA CEP-3) in USB at 2151Z to check-in and advises CPDLC enabled followed by SELCAL check on BP-RS 01/06/04 (CR).
- 10057.0 Varig 8837: (MD-11 RJAA to LAX to SBGR) working San Francisco ARINC(MWARA CEP-3) in USB at 2051Z to answer SELCAL and accept ATC clearance to climb to and maintain flight level 380 followed by 41N, 140W position report 12/31/03 (CR).
- 10057.0 Varig 8838: (MD11 SBGR to LAX to RJNN) working San Francisco ARINC(MWARA CEP-3) in USB at 1911Z with estimate for time over position ZANNG followed by SELCAL check 01/07/04 (CR).
- 10066.0 O/M (CC): 2139 LSB w/o/M (CC). 07/01 RP3
- 10090.0 3VD: MAROC GENDARMES ?LOC 1259 MIL.STD 188-141A ALE on USB. C1ng 7UD. 1301 c1ng 4AA (11/Jan)(DW)
- 10100.8 DDK9: HAMBURG MET 0953 RTTY 50/N/450 Marker DDK2/DDH7/DDK9 4583/7646/10100.8 khz. 0953 wx/sea bulletin in EE for W European sea. (15/Jan)(DW)
- 10100.8 DDK9: Hamburg Met 1723 RTTY/50/440 Navwngs/GG/EE. (07/Jan/04) (RH2)
- 10107.0 ---: Argentina R 2358 USB SS PP. (RX 10647) Comms w/farms and mobiles. (26/09/03) (AJP)
- 10119 : Enigma M8A 0500 USB weak/mostly unreadable. Into message. (01Jan04) (CA)
- 10124 : Enigma M8A 0300 USB strong/readable S6.5. Into message. (30Dec03) (CA)
- 10150.0 SCLM340: (Communications Logistics Subordinate Center, 340th Tactical Communications Battalion, Venezuelan Army): 2026 USB/ALE TO SCLM349 (Communications Logistics Subordinate Center, 349th Tactical Communications Battalion). 13/10 RP3
- 10175 : UNID German AF station, D 1304 ARQ-E-85.71/170Hz 4 char. per rep. cycle, link not established with other end, QSX 10905 kHz (03Jan04) (LDO)
- 10175.0 no-call: UNID German AF station, D 1304 ARQ-E-85.71/170Hz 4 char. per rep. cycle, link not established with other end, QSX 10905 kHz (03Jan04) (LDO)
- 10176 STAT151: UNID Tunisian MOI, TUN 0725 USB/MIL-STD 188-141A/PACTOR-II ARQ, DES encrypted tfc. to STAT15 using CBC mode (25Dec03) (LDO)
- 10176 STAT15: UNID Tunisian MOI, TUN 0725 USB/MIL-STD 188-141A/PACTOR-II ARQ, DES encrypted tfc. to STAT151 using CBC mode (25Dec03) (LDO)
- 10181 : UNID net, E? 0820 USB, VX tfc. using HC-265 VX scrambler/300Bd FSK at +1200Hz for data tfc. (02Jan04) (LDO)
- 10181.0 no-call: UNID net, E? 0820 USB, VX tfc. using HC-265 VX

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scrambler/300Bd FSK at +1200Hz for data tfc. (02Jan04) (LDO)
10182.6 : UNID net, E? 0858 SIEMENS CHX-200 system 250Bd/170Hz, non-FH mode (02Jan04) (LDO)
10182.6 no-call: UNID net, E? 0858 SIEMENS CHX-200 system 250Bd/170Hz, non-FH mode (02Jan04) (LDO)
10186.5 : NATO System 1711 STANAG-4285/2400/USB (17Dec03) (RGA)
10200,0 PAR Rockell Collins Paris: 1447 USB/ALE snd (28/Dec/2003) (KK)
10214.0 XP: 2020 Number station polytone message 520 520 520 000 decoded by Xperta 13/10 (PP1)
10222 : UNID North Korean embassy?, 0714 USB/FSK 600Bd ARQ burst system, QSX 11442 kHz USB, new KRE-system? (31Dec03) (LDO)
10226.3 no-call: UNID Bulgarian diplo, 1507 ITA-5 based FSK ARQ-system at 1000 Bd, sending continuous test tapes (20Sep03) (LDO)
10226.3 no-call: UNID Bulgarian diplo, 1507 ITA-5 based FSK ARQ-system at 1000 Bd, sending continuous test tapes (20Sep03) (LDO)
10230.0 AR: UNID Spanish MIL, E? 0950 USB/MIL-STD 188-110A serial tone modem, traffic to PAPA ZULU using STANAG 5066 protocol, occasional voice coordination in Spanish (02Oct03) (LDO)
10230.0 PZ: UNID Spanish MIL, E? 1349 USB/MIL-STD 188-110A serial tone modem, testing the link using STANAG 5066 protocol "Prueba Prueba 123 123 Enviado desde [PAPAZULU]", regular vx coordin. in Spanish (20Sep03) (LDO)
10230.0 PZ: UNID Spanish MIL, E? 1349 USB/MIL-STD 188-110A serial tone modem, testing the link using STANAG 5066 protocol "Prueba Prueba 123 123 Enviado desde [PAPAZULU]", regular vx coording in Spanish (20Sep03) (LDO)
10234 : Enigma M8A 0400 USB Strong/readable S8. Into message. (01Jan04) (CA)
10238.5 : Unid 1713 ACB462 working HEC/Globe Bern. (17Dec03) (RGA)
10244.0 HR: Sonatrach Oil Hassi R'mel 1858 USB/ALE october/5 (ml)
10248.0 8BY: 1645 CW / Jan03 04 ML
10248.0 DOR: MFA Sofia, BUL 1328 USB/ASCII-75Bd 11-bit/8FSK-240Bd ARQ-system, tfc. to Sofia, QSX 12182.8kHz USB (03Oct03) (LDO)
10258.0 TALPA: UNID Italian MIL, I 1302 USB/QPSK-1200Bd, tfc. to "ELEFANTE", QSX 11447 kHz (03Oct03) (LDO)
10275 21111: UNID Austrian MIL station, 1332 USB/MIL-STD 188-141A/MIL-STD 188-110A App. B 39-tone modem tfc. to BMLV2 (22Dec03) (LDO)
10275 BMLV2: Austrian MOD, AUT 1332 USB/MIL-STD 188-141A/MIL-STD 188-110A App. B 39-tone modem tfc. to 21111 (22Dec03) (LDO)
10275.0 OHT30P: (Oahnet, Algerian SONELGAZ): 00:37 LSB/ALE sounding. 01/10 RP3
10283.0 O/M (SS): 0727 USB w/O/M (SS). 09/01 RP3
10285.0 RNOUSLR1: (Rhourde Nouss, Algerian SONELGAZ): 0420 LSB/ALE sounding. 01/10 RP3
10310.6 CTSN: Centre Technique des Syst=Es Navals/Toulon, F 1025 USB/MIL-STD 188-141A, calling "PIPADY" (06Jan04) (LDO)
10310.6 CTSN: Centre Technique des Syst=Es Navals/Toulon, F 1025 USB/MIL-STD 188-141A, calling "PIPADY" (06Jan04) (LDO)
10344 : Enigma M8A 0300 USB Fair/readable. Into message. (01Jan04) (CA)
10353.0 INH032: UNID Polish MIL, IRQ? 1744 USB/MIL-STD 188-141A, calling RLB050 (24Sep03) (LDO)
10371.0 Unid: 1702 RTTY 75bd/850hz w/possible encrypted trfc. 18/12 RP3
10373.6 CGD9: (Coast Guard Distrcit 9, Cleveland OH): 1643 USB/ALE TO NRKP (USCGC Mackinaw, WAGB-83, Cheboygan MI). 05/10 RP3
10375 ARA: Romanian Police Arad, ROU 0950 USB/MIL-STD 188-141A, calling BU4 [=MOI Bucharest] (06Jan04) (LDO)
10375 BAC: Romanian Police Bacau, ROU 0949 USB/MIL-STD 188-141A, calling BU1 [=MOI Bucharest] (06Jan04) (LDO)
10375 IAS: Romanian Police Iasi, ROU 0948 USB/MIL-STD 188-141A, calling BU4 [=MOI Bucharest] (06Jan04) (LDO)
10375 ORA: Romanian Police Oradea, ROU 0955 USB/MIL-STD 188-141A, calling BU4 [=MOI Bucharest] (06Jan04) (LDO)
10375 PNM: Romanian Police Piatra Neamt, ROU 0949 USB/MIL-STD

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- 188-141A, c1ng BU1 [=Bucharest] (06Jan04) (LDO)
- 10375 TMU: Romanian Police Tirgu Mures, ROU 0955 USB/MIL-STD 188-141A, calling BU1 [=MOI Bucharest] (06Jan04) (LDO)
- 10375 TUL: Romanian Police Tulcea, ROU 0950 USB/MIL-STD 188-141A, calling BU4 [=MOI Bucharest] (06Jan04) (LDO)
- 10375.0 ARA: Romanian Police Arad, ROU 0950 USB/MIL-STD 188-141A, calling BU4 [=3DMOI Bucharest](06Jan04) (LDO)
- 10375.0 BAC: Romanian Police Bacau, ROU 0949 USB/MIL-STD 188-141A, calling BU1 [=3DMOI Bucharest](06Jan04) (LDO)
- 10375.0 IAS: Romanian Police Iasi, ROU 0948 USB/MIL-STD 188-141A, calling BU4 [=3DMOI Bucharest](06Jan04) (LDO)
- 10375.0 ORA: Romanian Police Oradea, ROU 0955 USB/MIL-STD 188-141A, calling BU4 [=3DMOI Bucharest](06Jan04) (LDO)
- 10375.0 PNM: Romanian Police Piatra Neamt, ROU 0949USB/MIL-STD 188-141A, c1ng BU1 [=3DBucharest](06Jan04) (LDO)
- 10375.0 TMU: Romanian Police Tirgu Mures, ROU 0955 USB/MIL-STD 188-141A, calling BU1 [=3DMOI Bucharest](06Jan04) (LDO)
- 10375.0 TUL: Romanian Police Tulcea, ROU 0950 USB/MIL-STD 188-141A, calling BU4 [=3DMOI Bucharest](06Jan04) (LDO)
- 10380 TMUB4: Romanian Police Tirgu Mures, ROU 0939 USB/MIL-STD 188-141A, c1ng TIMB4 [=Timisoara] (06Jan04) (LDO)
- 10380.0 TMUB4: Romanian Police Tirgu Mures, ROU 0939USB/MIL-STD 188-141A, c1ng TIMB4 [=3DTimisoara](06Jan04) (LDO)
- 10404.6 WPC: SEAWAVE MIDDLETON 1418 CW Chan free marker w/CW ID "WPC" every 3 mins (15/Jan)(DW)
- 10420.0 FDI22: FAF Narbonne 1244 CW "VVV DE FDI22" (28/Dec/2003) (KK)
- 10422.0 no-call: Dep. of State Comms Moscow, RUS 1630 MFSK-32/CROWD36 with error correction, 5LGs tounlocated embassy on link 90006 (03Oct03) (LDO)
- 10426.0 unid: 1427 USB numbers Oktober/4 (ML)
- 10442.0 REA4: AFHQ Moscow RUS 07:38 F1A/F1B 50/500 idle ACF=2 until 07:40when into F1A with 5F group msg and identification 1/jan/04 (PPA)
- 10444 : Enigma M8A 0300 USB Strong/readable S9. Into message. (01Jan04) (CA)
- 10444.0 CICLON: (Cyclone) LQA w/EPSILON 0203 13/jan/04 (HS)
- 10444.0 TORNADO 15: time check w/TORNADO 0106 13jan04 (HS)
- 10446 : Enigma V2A 0300 USB Fading from weak to fair/mostly readable. Into message. (01Jan04) (CA)
- 10466.3 DOR: MFA Sofia, BUL 0800 ITA-5 based FSK ARQ-system at 600Bd, ZIP-files and 7 bit encodedtraffic to Praha (02Oct03) (LDO)
- 10491 0901+0908: CNPC net Algeria?, ALG? 0815 LSB, many stations chatting in away in Chinese using mostly Codan radios (31Dec03) (LDO)
- 10504.6 F159AA: 159th MedCo deployed Gulf area, ???1902 USB/MIL-STD 188-141A/MIL-STD 188-110A, crypto tfc. to R23751 [=UH-60A] (19Sep03) (LDO)
- 10504.6 R23751: US Army UH60A Blackhawk, ??? 1902 USB/MIL-STD 188-141A/MIL-STD 188-110A, crypto tfc.to F159AA [=159th MedCo] (19Sep03) (LDO)
- 10509.6 CLH: Thales Communications Colombes, F 1444 USB/STANAG 4285/2400Bd, tfc to Toulon using 1200bps/2400bps + long interleaver, STANAG 5066 tests(03Oct03) (LDO)
- 10509.6 CTSN: Centre Technique des Syst=Es Navals/Toulon, F 1025 USB/MIL-STD 188-141A, calling"PIPADY" (06Jan04) (LDO)
- 10509.6 CTSN: Centre Technique des SystSmes Navals/Toulon, F 1025 USB/MIL-STD 188-141A, calling "PIPADY" (06Jan04) (LDO)
- 10509.6 TLN: DCN Toulon, F 1443 USB/STANAG 4285/2400Bd,tfc to Colombes using 1200bps/2400bps + long interleaver, STANAG 5066 tests (03Oct03) (LDO)
- 10522 : UNID MIL net, E? 0800 USB, voice tfc. using HC-265 vx scrambler/300Bd FSK at +1200Hz for data tfc. (29Dec03) (LDO)
- 10534.1 CFH: CANFORCE Halifax NS 1901 FAX/120/576 Chart, Canadian Forces very good reception folowd by RTTY/75/850 with regional forecast. (21Dec03) (CB)
- 10535 : German MIL net, D 1049 USB/EADS-MAHRS 2400Bd PSK burst mode, ARCOTEL ALE procedure (23Dec03) (LDO)

- 10535.1 CFH: HALIFAX 1413 FAX 120/576 poor contrasted chart October/11 (ML)
- 10536 CFH: CF Halifax/ 0610 FAX/120/576 s/face prog & winds. (09/Jan/04) (RH2)
- 10555.3 VMW: wiluna Met 1520 FAX/120/576 v. clear s'face prog chart - Indonesia. New Guinea, N. Australia. (08/Jan/04) (RH2)
- 10577.0 PUB (unidentified, possible NG): 1214 USB/ALE sounding. Also noted sounding on 05772.0; 09043.0; and 11457.0. 19/12 RP3
- 10580.5 MKD: RAF Akrotiri CYP 08:12 Piccolo12 / 20 / 250 encrypted traffic1/jan/04 (PPA)
- 10588.0 FM1FEM (FEMA Region 1, Maynard MA): 1524 USB/ALE TO FM4FEM (FEMA Region 4, Thomasville GA). Also noted on 07348.0 & 10194.0. 14/01 RP3
- 10590.0 3VD: MOROC GENDARMES ?LOC 1640 MIL.STD 188-141A ALE on usb. C1ng 5FI (11/Jan)(DW)
- 10536.0 CFH: HALIFAX 1144 ITA2/75 weather October/11 (ML)
- 10590.0 7UD: MOROC GENDARMES ?LOC 1638 MIL.STD 188-141A ALE on usb. C1ng 4AA. 1642 c1ng 5FI (11/Jan)(DW)
- 10604.0 TIRANA: Czech embassy Tirana, ALB 1218 USB/MIL-STD 188-110A serial tone modem, IRS-mode, Datron HFCOM2 ARQ-protocol, QSX 12216 khz USB(02Oct03) (LDO)
- 10610.9 MOSCOW MET: 1434 FAXcrossed of chart oktober/4 (ML)
- 10611 : Moscow Met 1618 FAX/120/576 Fairly clear. (20/Dec/03) (RH2)
- 10611.0 MOSCOW MET: 1642 FAX 126/576 poor quality chart Dec25 /ML
- 10611.0 Moscow Meteo: 1451 Moscow Meteo blurred chart FAX 120/576 28/09 (PP1)
- 10614 AAA: Israeli AF 1800 ALE/USB Sounds. (10Jan04) (RGA)
- 10617 : UNID North Korean embassy?, 0643 USB/FSK 600Bd ARQ burst system, QSX 11442 khz USB, new KRE-system? (31Dec03) (LDO)
- 10622 : UNID North Korean embassy?, 1248 USB/FSK 600Bd ARQ burst system, QSX 11437 khz USB, new KRE-system? (31Dec03) (LDO)
- 10632 MANY: UNID Maghrebian net, 0720 LSB, several stations with calls like "01", "IJABAH" etc., hectic activity on channel (31Dec03) (LDO)
- 10671.0 FDG: FAF BORDEAUX 1522 CW Marker "vuv de FDG ar" (16/Jan)(DW)
- 10671.0 FDG: FAF Bordeaux F 08:44 A1A vuv de FDG ar 1/jan/04 (PPA)
- 10673 : Austrian diplo?, 0945 USB/EADS FARCOS 1800Bd burst PSK system, ARCOTEL ALE bursts (23Dec03) (LDO)
- 10711.0 USS Batan: (<http://navysite.de/ships/lhd5.htm>) & Norfolk SESEF: 1442 USB & all mode testing (10/OCT/03) (JLM)
- 10715 WIP: Algerian Air Force IL-76 (reg. 7T-WIP), 1151 USB, working UNID gnd. station (call: "Moussaf" or similar), destination Ankara (30Dec03)(LDO)
- 10715 WIU: Algerian Air Force IL-76 (reg.: 7T-WIU), 1148 USB, in contact with UNID ground station (call: "Moussaf" or similar) (30Dec03)(LDO)
- 10731.0 FNG034: Polish Forces 1521 USB/ALE MIL-188-141A [TO]: SNT051 (28/Dec/2003) (KK)
- 10740.0 ASF1IL: (Air Support Facility 1, IL NG Decatur IL): 1630 USB/ALE TO T106 (1/106th Avn Bn, IL NG Peoria IL). 05/10 RP3
- 10740.0 ASF1IL: (Aviation Support Facility #1, IL NG Decatur, IL): 1457 USB/ALE sounding. 10/10 RP3
- 10740.0 R26606: (probable UH-60L helo GA NG): 1419 USB/ALE TO OPS171 (1/171st Avn Bn, GA NG, Dobbins AB). 11/10 RP3
- 10780 RAZOR 22: wkg CAPE RADIO 1828 USB For a phone patch to PEACHTREE. (30 Dec 03) (JH)
- 10794.0 no-call: UNID MIL net, ??? 0728 USB, voice tfc.using HC-265 scrambler in HF-mode, 300Bd FSK@+2200Hz for link mgmt (03Oct03) (LDO)
- 10825 SANAA: French emb. Sanaa, YEM 1618 USB/MIL-STD 188-141A/R&S 2400 Bd serial tone waveform, wkng ADDISABEBA (18Dec03) (LDO)
- 10825.0 ADDISABEBA: French emb. Addis Abeba, ETH 1756USB/MIL-STD 188-141A/R&S 2400Bd proprietary PSKwaveform, tfc to Cairo (02Oct03) (LDO)
- 10825.0 AMMAN: French embassy Amman, JOR 1721 USB/MIL-STD 188-141A/Rohde & Schwarz 2400Bd proprietary PSK waveform, tfc to Paris (02Oct03) (LDO)
- 10825.0 BEYROUTH F.Emb.Beyrouth: 1503 USB/ALE MIL-188-141A[TO]: AMMAN

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F.Emb Amman,JOR [CMD (UUF mode in Hex)]: 7C 00 07 resp +
 modem tx (28/Dec/2003)(KK)

10825.0 FRENCH EMB ADDISABEBA: 1539 ALE to lecaire Jan0204 ML
 10825.0 FRENCH EMB BEYROUTH: 1534 ALE to amman Jan0204 ML
 10825.0 FRENCH EMB DAMAS: 1531 ALE to amman Jan0204 ML
 10825.0 LECAIRE: French emb. Cairo, EGY 1756 USB/MIL-STD188-141A/R&S
 10876.5 Z3W: 2023 several stations with Scandinavian accent USB
 30/09(PP1)

10900 AOP: Prob Moroccan Net 1749 AEL/USB Calls H10 then H6W.
 (10Jan04) (RGA)

10900.0 4QX: MOROC GENDARMES ?LOC 1144 MIL.STD 188-141A ALE on usb.
 C1ng 5MT (11/Jan)(DW)

10900.0 5FI: MOROC GENDARMES ?LOC 1127 MIL.STD 188-141A ALE on usb.
 C1ng 7UD (11/Jan)(DW)

10900.0 7UD: MAROC GENDARMES ?LOC 1152 MIL.STD 188-141A ALE on usb.
 C1ng 3VD (11/Jan)(DW)

10900.0 7UD: MOROC GENDARMES ?LOC 1446 MIL.STD 188-141A ALE on usb.
 C1ng 4AA. 1604 c1ng 3VD. 1629 c1ng 2WT (11/Jan)(DW)

10900.0 H10: MOROC GENDARMES ?LOC 0800 MIL.STD 188-141A ALE on usb.
 C1ng AOP (31/Dec)(DW)

10900.0 H6W: MOROC GENDARMES ?LOC 0738 MIL.STD 188-141A ALE on usb.
 C1ng AOP. 0742 0749 c1ng L9X (31/Dec)(DW)

10900.0 K8F: 1923 Probably Moroccan Net K8F calling P4N ALE/USB
 14/01 (PP1)

10900.0 K8F: MOROC GENDARMES ?LOC 1746 MIL.STD 188-141A ALE on usb
 c1ng Q4X. 1753 c1ng P4N, also at 1811 (16/Jan)(DW)

10900.0 MEKNES: MOROC GENDARMES MEKNES 1424 MIL.STD 188-141A ALE on
 usb. C1ng KENITRAALE (11/Jan)(DW)

10900.0 MEKNESALE:MOROC GENDARMES MEKNES 1419 MIL.STD 188-141A ALE on
 usb. C1ng CASAAL (11/Jan)(DW)

10900.0 MEKNESFIX:MOROC GENDARMES MEKNES 1147 MIL.STD 188-141A ALE on
 usb. C1ng KENITRAFIX. Also at 1159, 1232 (11/Jan)(DW)

10900.0 Q4X: MOROC GENDARMES ?LOC 1722 MIL.STD 188-141A ALE on usb.
 C1ng K8F. 1733 c1ng U3Z (16/Jan)(DW)

10905 : UNID German AF station, D 1304 ARQ-E-85.71/170Hz 4 char.
 per rep. cycle, link not established with other end, QSX
 10175 kHz (03Jan04) (LDO)

10905.0 no-call: UNID German AF station, D 1304 ARQ-E-85.71/170Hz 4
 char. per rep. cycle, link not established with other end,
 QSX 10175 kHz(03Jan04) (LDO)

10913.5 ME1: (FBI Memphis TN): 1715 USB/ALE TO AT1 (FBI Atlanta GA).
 Also noted on 14495.5. 26/12 RP3

10917.1 RFTJ: FF Dakar SEN 0600 ARQ-E3/48/425 C-De-V (cct TJF641)
 (22Dec03) (BC3)

10917.7 RFTJ: FF DAKAR 1856 ARQ/E3 48/E/400 8rc. Betas. 1900 cct
 [TJF] on line encrypted tfc to Port Bouet (16/Jan)(DW)

10917.7 RFTJ: FF Dakar Senegal 2158 ARQ-E3/48b "DE RFTJ 3512157".
 (17Dec03) (AD)

10917.7 RFTJ: FN Dakar 0118 ARQ-E3/48b tjf129 rftj with CDVs.
 (04Jan04) (AD)

10918.6 6WW (FR Navy Dakar): 0215 RTTY 50bd/425hz encrypted traffic.
 17/12 RP3

10919.5 Unid: RTTY 50bd/425hz w/possible encrypted trfc. 17/12 RP3

10945 CFH: CanForce Halifax NS CAN 1555 RTTY/75/850 ZKRs.
 (10Jan04) (RGA)

10945.0 CFH: CF 2203 RTTY 75/850 Naws de CFH // 15920.0
 (14/12/03) (AJP)

10945.0 CFH: CF HALIFAX 1915 RTTY 75/N/850 Marker "NAWS de CFH zkr f1
 2822 3394 4158 6254 8303 12380 16576 22182" thru 1935z
 (16/Jan)(DW)

10946.3 CFH: RTTY 75bd/850hz w/NAWS DE CFH F1 WIWW EEOR RQTI YWTR
 IEPE QWEIP QYTUY WWQIW AR. 17/12 RP3

10996 FDI22: FAF Narbonne 1716 cw Calls. weak. (17Dec03) (RGA)

11010.0 ZLO: RNZN Irirangi NZL 17:43 BR6028 usual 7*75 Bd/170 Hz
 encryptedchannels with 600 Hz pilot tone 27/dec/03 (PP1)

11039 DDH8/9 Hamburg Met 1707 RTTY/50/400 RY/ID //14467.3
 (07/Jan/04) (RH2)

11039 DDH9: Hamburg Met 2125 RTTY/50/440 wx/GG file://1010.7

- (16/Dec/03) (RH2)
- 11048.1 D2Z: French MIL attaché Budapest, HNG 0940 USB/STANAG 4285 FEC-bursts using THALES modem with 1200 bps & long interl., X-mas greetings to Paris, QSX 11173, cct ID: "TDB" (24Dec03) (LDO)
- 11050.0 U3H: French MIL attach=E9 Moscow, F 1221 USB/STANAG 4285 FEC-bursts using THALES modem with 1200 bps & long interleaving, tfc to MOD Paris, QSX 11173, circuit ID: "UCM" (03Oct03) (LDO)
- 11105.0 179: prob chinesse diplo 0710 USB/ALE calls 125 (07-10-03)(MSM)
- 11108.0 FC6: (FEMA Region 6, Denton TX-Communications Manager): 1506 USB/ALE TO OK6 (Oklahoma State EOC, Oklahoma City). 08/10 RP3
- 11108.0 FC8FEM: (FEMA Region 8, Denver CO-Communications Manager): 1621 USB/ALE TO UT8FEM (Utah State EOC, Salt Lake City). 08/10 RP3
- 11110 ELEFANTE: MOD Roma, I 0844 USB/FSK-1200Bd/ISS-mode, sending tfc. to UNID, QSX not found (23Dec03) (LDO)
- 11173.0 P6Z/RFGW: MOD Paris, F 0747 USB/STANAG 4285FEC-bursts using THALES modem with 1200 bps & long interleaving, tfc to F-MIL Budapest/D2Z, circuit ID: "BDT" (02Oct03) (LDO)
- 11174 N14115: Continental B757 1438 HFDL Signs on. No posn report. (09Jan04) (RGA)
- 11174 SU0126: Aeroflot Flt 1439 HFDL Reports 5202N 02031E. (09Jan04) (RGA)
- 11175 (HFGCS): 120-char EAM 1916 USB (Weak/often unreadable). (16 Dec 03) (JH)
- 11175 BACKFIRE: wkg COLONIAL 1650 USB Passed a message in the blind for TENACITY. (19 Dec 03) (JH)
- 11175 COLONIAL: Clg MAINSAIL 1910 USB with no known response. (19 Dec 03) (JH)
- 11175 CZAR 86: wkg CZAR 85 2339 USB For rad/ck. CZAR 85 has him 5by5, 86 says "let's go ahead and go secure" bleep-screeeeeeech high speed modem sound follows. (ANDVT) (16Jan04) (TH)
- 11175 DOOM 91: Clg MAINSAIL 2034 USB Followed by JAMBO?? calling MAINSAIL. No response and quiet. (13 Jan 04) (JH)
- 11175 DOOM 91: wkg PUERTO RICO 2052 USB For relay to RAYMOND 06 "Ops normal" PUERTO RICO attempted to move him to 13200. (2055z PUERTO RICO called DOOM 91 with no known response.) (13 Jan 04)
- 11175 DOOM 93: wkg PUERTO RICO 2050 USB Radio check. (13 Jan 04) (JH)
- 11175 EVAC 004: Clg ANDREWS GLOBAL 1756 USB No response. (14 Jan 04) (JH)
- 11175 EVAC 807: Clg ANDREWS 1803 USB No response. (14 Jan 04) (JH)
- 11175 JAMBO 21: Clg MAINSAIL 1813 USB ROGUE 3? also called. No response heard to any of the calls. (12 Jan 04) (JH)
- 11175 JAMBO 21: wkg MCCLELLAN 1754 USB Radio check. (14 Jan 04) (JH)
- 11175 OFFUTT: wkg BACKFIRE 1643 USB (May be BACK TIRE) for a phone patch to a commercial toll free 800 number. However at 1648z BACKFIRE (or ?; weak/mostly readable) worked MCCLELLAN (unheard) but OFFUTT came up and continued with her comms with BACKFIRE. (19 Dec 03) (JH)
- 11175 OFFUTT: wkg BACKFIRE 1652 USB with phone patch to his ground party (HARDWOOD) for apparent orderwire coordination and gone. (19 Dec 03) (JH)
- 11175 OFFUTT: wkg COLONIAL(?) 1642 USB COLONIAL unheard here. (19 Dec 03) (JH)
- 11175 OTIS 15: Clg MAINSAIL 1659 USB (14 Jan 04) (JH)
- 11175 PARTS KIT: wkg OFFUTT 1654 USB For a requested phone patch. Phone patch may not have been completed as PARTS KIT worked OFFUTT at 1658z and gone. (19 Dec 03) (JH)
- 11175 SAM 6854: wkg PUERTO RICO 2020 USB After first trying 8992 for a phone patch to ANDREWS METRO for 2100z weather at KHOU and gone. (13 Jan 04) (JH)
- 11175.0 HF-GCS Puerto Rico: 1705z USB wkg SHARK 45, phone patch DSN

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860-9560 (Coronet Oak Ops) re 1845z ETA; arr from Dover;
rqsts CS/Ag. (27/Dec/2003) (ALS)

11175.0 HF-GCS-Puerto Rico: 2351z USB wkg AMC 237 (WPAFB AFRC 445AW
C-141C 4675.0 MWARA-Gander 0358z USB wkg AEROFLOT 304,
amends clrc: "After ATISE, direct AKIVO."
(27/Dec/2003) (ALS)

11175.0 HF-GCS-Puerto Rico: 2351z USB wkg AMC 237 (WPAFB AFRC 445AW
C-141C #65-0237) for radio check. (28/Dec/2003) (ALS)

11175.0 Navy DS01: 2346Z Navy DS 01 [type?] call Offutt PPHilda
Metro - got wx for Curacao, Netherland Antilles at 0125Z
7/oct/03 (RR)

11175.0 Navy LN45A: 0133Z Navy LN 45A [P-3C] call Salinas PR PP
Sigonella NAS, Italy - ETA 0800 local 21/sep/03 (RR)

11175.0 Reach 028: 0057Z Reach 028 [type? TN60181] call Andrews PP
ROTA NAS, Spain - ETA 0300Z 1/oct/03 (RR)

11175.0 Reach 141: 0227Z Reach 141 [C-141 TN70019] call Salinas PR
PP Ramstein AB, Germany - ETA 0435Z 23/sep/03 (RR)

11175.0 Reach 411Y 0324Z Reach 411Y [type?] call Salinas PR PP
Hilda Global - diverting to Ganders Airport, Canada due to wx
23/sep/03 (RR)

11175.0 Reach 499: 0042Z Reach 499 [type?] call Salinas PR PP
318-462-**** - ETA 0350Z 2/oct/03 (RR)

11175.0 Reach 5008: 0138Z Reach 5008 [type?] call McClellan PP FT
Campbell U.S. Army Airfield, - ETA 0340Z 12/oct/03 (RR)

11175.0 Reach 5414: 2330Z Reach 5414 [type?] call Keflavik PP
Dover AFB, DE -ETA 0220Z 23/sep/03 (RR)

11175.0 Reach 67957: 0159Z Reach 67957 [C-141self ID] call
McClellan PP Hickam AFB, HI - ETA 0445Z 1/oct/03 (RR)

11175.0 Reach 7042: 1338Z Reach 7042 [type?] call Offutt PP Hilda
Global - Hilda Global want them to go to Richmond Airport,VA
not Norfolk NAS, VA 21/sep/03 (RR)

11175.0 Reach 8051: 0205Z Reach 8051 [type?] call Offutt PP
McGuire AFB, N.J. - changing A/R time to 0335Z 27/sep/03 (RR)

11175.0 Reach 9168: 0115Z Reach 9168 [type?] call McClellan PP
Hilda Metro - got wx for Miramar NAS, CA at 0630Z
23/sep/03 (RR)

11175.0 Reach4645: 2355Z Reach 4645 [C-141 self ID] call Salinas
PR PP Dover AFB, DE - ETA 0250Z 12/oct/03 (RR)

11175.0 USAF: 0652 EE d/x Jan0204 ML

11176 AIR FORCE 1492: Clg MAINSAIL 2250 USB Also called "ANY
STATION on triple one 76" for a radio check with no response
and gone. (19 Dec 03) (JH)

11181 HAWSPR: USAF SIPRNet Stn Ascension 1825 ALE/USB Sounds.
(17Dec03) (RGA)

11184 CN-RNX: Royal Air Maroc A321 (ex D-AVZO) Flt AT0904 1619 HFDL
Signs on. ICAO ID 2A0040. At 1634z changes flight no to
RAM940 and reports 4106N 00952E moving NE. (09Jan04) (RGA)

11184 D-ALCL: Lufthansa Cargo MD11F 1322 HFDL Signs on.
(30Dec03) (RGA)

11184 G-VOGE: Virgin Atlantic A340 'Cover Girl' Flt VS0900 1430
HFDL wkg ARINC Reykjavik from 5442N 01109E. (09Jan04) (RGA)

11184 N251UP: UPS MD11F Flt UP6807 1534 HFDL Reports 2835N 04526E
to ARINC Reykjavik. (09Jan04) (RGA)

11184 N304UP: UPS B767 1325 HFDL Signs on to Reykjavik who now QSYS
to 15025 kHz. (30Dec03) (RGA)

11184 N320UP: UPS B767 Flt UP6727 1608 HFDL Reports 4730N 04755W.
(09Jan04) (RGA)

11184 N325UP: UPS B767 1431 HFDL Signs on. No posn report.
(09Jan04) (RGA)

11184 N451PA: Polar Air B747 1436 HFDL Signs on. No posn report.
(09Jan04) (RGA)

11184 N599TZ: American Transair B757 Flt TZ0802 1640 HFDL Reports
5920N 02230W. (09Jan04) (RGA)

11184 N67158: Continental B767 1437 HFDL Signs on. No posn report.
(09Jan04) (RGA)

11184 N68159: Continental B767 1550 HFDL Acks uplink message giving
crew details. (09Jan04) (RGA)

11184 N76156: Continental B767-224 Flt CO0029 1321 HFDL Reports

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- 5007N 00549W to Reykjavik. (30Dec03) (RGA)
11200.0 UNID: fishermen 1045 USB spanish D/x with a heavy engine noise /Jan03 04 ML
11205.0 RAF ARCH: 0531 USB y1 weather September/20 (ML)
11217.0 Z23: (SHARES, South Carolina): 1518 USB/ALE TO KNZ48 (unidentified SHARES). [AMD]THIS IS DALE IN SALEM, SC TESTING. CHEERS!. 08/10 RP3
11220.0 O/M (CC): 2256 USB w/O/M (CC). 07/01 RP3
11226.0 CRO: 1807 ALE to IKF / Jan03 04 ML
11226.0 USAF: 1957 USB/ALE / HAW (ascension) to PLA (lajes) Jan0104 ML
11232.0 CFH: HALIFAX ? 2030 USB eng d/x "selcal OSP"?? Jan07 04 ML
11232.0 Trenton Military: 2009 USB w/Canforce 2762 (id as CC-130 # 130314) in pp w/wing Ops, Trenton w/arrival message. wing Ops advises that the aircraft from Thule, id as Canforce 3924, has departed and is on its way home. Then Canforce 2762 in pp w/Trenton RCC who advises them that Montreal Center wants CF 2762 to contact on 132.1 MHz and if no contact then on 308.3. 18/12 RP3
11241 R23667: US-ARMY UH-60A helicopter, BIH 1154 USB/MIL-STD 188-141A, calling Eagle Base "TFAVN" (20Dec03) (LDO)
11241 TFAVN: US-MIL "Eagle Base" Tuzla, BIH 1139 USB/MIL-STD 188-141A, sounding (20Dec03) (LDO)
11244 FUSE BOX: 28-char EAM 1825 USB QIGWW6 simulcast on at least 8992 and 13155 with nothing heard on 6697. H+25/h+55 activity. (14 Jan 04) (JH)
11244 HEADLINER: EAM Bcasts 2225 USB QIKNJ3 & QIHM2Y simulcast 8992, 6697 and 13155. H+25/h+55 activity. (13 Jan 04) (JH)
11244 OLD PAIR: 120-char EAM 2025 USB 53434P simulcast on at least 8992 with nothing heard on 6697 or 13155. Active with this string since 1925z on 11244 (at the time, heard on 13155 and 8992 but weak/unreadable on all freqs.) (16 Dec 03) (JH)
11276.8 no-call: UNID Arabic net, 1115 HC-ARQ/240Bd/200Hz"letter only" crypto traffic and msg in ATU-70 Arabic, occasional voice exchange in Arabic on11275 kHz USB (27Sep03) (LDO)
11276.8 no-call: UNID Arabic net, 1115 HC-ARQ/240Bd/200Hz"letter only" crypto traffic and msg in ATU-70Arabic, occasional voice exchange in Arabic on11275 kHz USB (27Sep03) (LDO)
11282.0 American 73: (B767-300 ORD to HNL) working San Francisco ARINC(MWARA CEP-2) in USB at 2007Z with estimate for time over position FEARS01/05/03 (CR).
11282.0 Hawaiian 26: (B767-33A/ER HNL to PDX) working San Francisco ARINC(MWARA CEP-2) in USB at 0403Z with position report and is advised to contactSeattle Center crossing 128W on 135.150 10/12/03 (CR).
11282.0 Northwest 925: (DC-10 SEA to HNL) working San Francisco ARINC (MWARACEP-2) in USB at 2011Z to answer SELCAL with request from ATC to know whenable to accept flight level 380 01/05/04 (CR).
11282.0 Pacific 821: (B737-8X2 YVR to HNL) working San Francisco ARINC(MWARA CEP-2) in USB at 0407Z with estimate for time over position HUMOR andis advised to check-in on 5547.0 for next report 10/12/03 (CR).
11282.0 Polar 168: (B747-467F/SCD RKSI to ANC to LAX) working San FranciscoARINC (MWARA CEP-2) in USB at 0356Z for SELCAL check 10/12/03 (CR).
11288.0 LDOC JEDDAH: ? 1704 USB EE arabic accent position / Jan03 04 ML
11300.0 MPH081: Tripoli 1645 USB / Middle east atc AFI-3 (07/Jan/2004) (H. willemse)
11309.0 ATC NAT: 1433 USB santa maria wk REACH350 REACH 09 ? GALPI / Jan03 04ML
11309.0 MWARA-New York: 2047z USB wkg AIR PORTUGAL 1437, position report at 32 N, 40 W, FL 350; Selcal BMCS; given 8825.0 secondary. (27/Dec/2003) (ALS)
11309.0 MWARA-New York: 2050z USB wkg LAUDA ITALY 115, position report. (27/Dec/2003) (ALS)
11309.0 MWARA-New York: 2055z USB wkg AIR FRANCE 624, handoff to

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- 123.7 Piarco Ctr. (27/Dec/2003) (ALS)
- 11309.0 MWARA-New York: 2106z USB wkg PLM 1006, position report, routing, FL 370. (27/Dec/2003) (ALS)
- 11309.0 MWARA-New York: 2113z USB wkg AEL 304 (Air Europe), position rreport, routing, FL 370. (27/Dec/2003) (ALS)
- 11309.0 MWARA-New York: 2145z USB wkg AIR PORTUGAL 1437, position rreport, handoff to 8825.0.. (27/Dec/2003) (ALS)#65-0237) for radio check. (28/Dec/2003) (ALS)
- 11330.0 MWARA-New York: 1514z USB wkg CONTINENTAL 1941, ETA BACUS 1515z; selcal BFJR. (27/Dec/2003) (ALS)
- 11330.0 MWARA-New York: 1515z USB wkg UNITED 1259, position report. (27/Dec/2003) (ALS)
- 11330.0 MWARA-New York: 1602z USB wkg SPEEDBIRD 360, position report; PRCS selcal. (27/Dec/2003) (ALS)
- 11330.0 MWARA-New York: 1703z USB wkg JETSGO 904 w position report at BURTT. (28/Dec/2003) (ALS)
- 11330.0 MWARA-New York: 1708z USB wkg CONTINENTAL 3011 over BURTT, next NANCE. (03/Jan/2004) (ALS)
- 11330.0 MWARA-New York: 1709z USB wkg CONTINENTAL Flight; selcal AHBQ. (03/Jan/2004) (ALS)
- 11330.0 MWARA-New York: 1709z USB wkg SPEEDBIRD 207 w position report. (28/Dec/2003) (ALS)
- 11330.0 MWARA-New York: 1710z USB wkg GOFER 07 (C-130E, MN-ANG 133AW, St Paul); will report over BASSS. (03/Jan/2004) (ALS)
- 11330.0 MWARA-New York: 1713z USB wkg US AIR 247; selcal DSBH. (03/Jan/2004) (ALS)
- 11330.0 MWARA-New York: 1714z USB wkg SKYTOUR 561; selcal DSEG. (03/Jan/2004) (ALS)
- 11330.0 MWARA-New York: 1853z USB wkg SPEEDBIRD 20 w position report. (28/Dec/2003) (ALS)
- 11330.0 MWARA-New York: 1854z USB wkg SWISS 64 w position report. (28/Dec/2003) (ALS)
- 11336.0 ATC NAT GANDER: 1311 USB eng <AGRS - KLM 691 (AMSTERDAM = TORONTO)><CAHM -SPEEDBIRD175><AM551?>September/28 (ML)
- 11387.0 Sydney: 0734 USB w/automated voice volmet. 09/01 RP3
- 11396.0 MWARA-New York: 1715z USB wkg US AIR 395; position report. (03/Jan/2004) (ALS)
- 11396.0 MWARA-New York: 1718z USB wkg US AIR 1475; handoff to 134.3 San Juan. (03/Jan/2004) (ALS)
- 11396.0 MWARA-New York: 1723z USB wkg AMERICAN 679; selcal JZPS; will report over HOMER. (03/Jan/2004) (ALS)
- 11396.0 MWARA-New York: 1851z USB wkg AMERICAN 1899 w position report at KRAFT; FL 310; handoff to 134.3 San Juan. (28/Dec/2003) (ALS)
- 11407 ANTARNET01: UNID Tunisian MIL?, TUN? 0838 USB/MIL-STD 188-141A/data and secure voice via MIL-STD 188-110A serial tone modem to ASSADNET01 (25Dec03) (LDO)
- 11407 ASSADNET01: UNID Tunisian MIL?, TUN? 0838 USB/MIL-STD 188-141A/data and secure voice via MIL-STD 188-110A serial tone modem to ANTARNET01 (25Dec03) (LDO)
- 11417 OLZ88: MFA Praha, CZE 0840 USB/MIL-STD 188-110A serial tone modem, Datron HFCOM2 ARQ-protocol, QSX 11480 kHz, tfc to Czech embassy Bucharest (30Dec03) (LDO)
- 11427.5 MAE: Algeria 2105 Coquelet 8 "exp: Mae/sg" (29 Dec 03) (MJZ)
- 11429.0 KJD: (Chilean Navy): 0015 LSB/ALE TO HLA (Chilean Navy). 09/10 RP3
- 11429.0 KJD: (Chilean Navy): 0015 LSB/ALE TO HLA (Chilean Navy). 09/10 RP3
- 11430.0 1505: (Columbian Telephone net): 2328 LSB/ALE TO 1901 (Colombian Telephone net). 09/10 RP3
- 11436 : UNID station, 1101 SITOR-B 100Bd/850Hz various 5FG messages, traffic ends with "000" (05Jan04) (LDO)
- 11436.0 no-call: UNID station, 1101 SITOR-B 100Bd/850Hzvarious 5FG messages, traffic ends with "000"(05Jan04) (LDO)
- 11437 : N. Korean regional diplo hub for EMEA?, 1248 USB/FSK 600Bd/600Hz ARQ burst system, QSX 10622kHz USB, new KRE-system? (31Dec03) (LDO)

- 11437.9 no-call: Danish embassy Belgrade, YUG 1341TWINPLEX-SITOR
100Bd/-400/-200/+200/+400, shorttfc. to Copenhagen
(03Oct03) (LDO)
- 11437.9 no-call: MFA Copenhagen, DNK 1339 TWINPLEX-SITOR
100Bd/-400/-200/+200/+400, op chat inDanish to Belgrade
(03Oct03) (LDO)
- 11438.6 DOR: MFA Sofia BUL 10:12 IRA-ARQ/600/600 no decode
1/jan/04 (PPA)
- 11442 : N. Korean regional diplo hub for EMEA?, 0643 USB/FSK
600Bd/600Hz ARQ burst system, QSX 10617kHz USB, new KRE-
system? (31Dec03) (LDO)
- 11447.0 ELEFANTE: MOD Roma, I 1303 USB/QPSK-1200Bd/,tfc. to "TALPA"
[=3Dmole], QSX 10258 kHz USB(03Oct03) (LDO)
- 11452.0 PE1 (Brazilian Navy, possibly Sao Pedro de Aldeia (Naval Air
Base): 0025 USB/ALE TO CE1 (probably Ceara (Naval Port).
14/01 RP3
- 11452.0 PE1 (possibly Sao Pedro de Aldeia -Naval Air Base): 2108
USB/ALE TO BA1 (possibly Bahia). 14/01 RP3
- 11457.0 PUB (unidentified, possible NG): 2102 USB/ALE sounding. 1
8/12 RP3
- 11468 : Russian Military 1552 36-50/50/220 At least 3 msgs.
(10Jan04) (RGA)
- 11468.0 RDL: SMOLENSK ?? 0857 mode (cw?baudot?)? Jan0204 ML
- 11468.0 unid: Cis Navy 09:53 BEE 36-50/50/250 several messages ,off
at09:55 presumed RDL Moscow 3/jan/04 (PPA)
- 11475.0 RBT: / ALG MFA ? 1125 ALE to MAE / Jan03 04 ML
- 11475.0 TRP: /ALG MFA ? 1127 ALE to MAE / Jan03 04 ML
- 11480.0 BUKUREST: Czech embassy Bucharest, ROU 1140USB/MIL-STD
188-110A serial tone modem, IRS-mode, Datron HFCOM2 ARQ-
protocol, QSX 11412 kHz USB (02Oct03) (LDO)
- 11483 P6Z: French Ministry of defence Paris, F 0817 USB/STANAG 4285
FEC-bursts using THALES modem with 2400 bps & long
interleaving, tfc to F-MIL Algiers/H6L, circuit ID: "RGA"
(30Dec03) (LDO)
- 11491.0 OC1: (FBI, Oklahoma City): 1431 USB/ALE TO LR1 (FBI Little
Rock AK). 13/10 RP3
- 11491.0 UNID: US Federal Bureau of Investigation 1929 MIL-STD
188-141A id's NO1 (New Orleans), OC1 (Oklahoma City), HO1
(Honolulu) 02/Oct/2003 (BM)
- 11543.6 CTSN: Centre Technique des Syst=E8mes Navals/Toulon, F 1025
USB/MIL-STD 188-141A/STANAG 4285,exchanging KG-84 ecrypted
traffic with PIPADY viaTRC-1752 modem (06Jan04) (LDO)
- 11543.6 CTSN: Centre Technique des Systèmes Navals/Toulon, F 1025
USB/MIL-STD 188-141A/STANAG 4285, exchanging KG-84 ecrypted
traffic with PIPADY via TRC-1752 modem (06Jan04) (LDO)
- 11543.6 PIPADY: UNID Thales or French Navy station in Toulon, F 1042
USB/MIL-STD 188-141A/STANAG 4285, exchanging KG-84 ecrypted
traffic with CTSN via TRC-1752 modem (06Jan04) (LDO)
- 11543.6 PIPADY: UNID Thales or French Navy station inToulon, F 1042
USB/MIL-STD 188-141A/STANAG 4285,exchanging KG-84 ecrypted
traffic with CTSN viaTRC-1752 modem (06Jan04) (LDO)
- 11545 87965: E03 Linconshire Poacher 1702 USB Old woman with tune
and 87965 callup. Into traffic with 87360 09804 ...
(09Jan04) (RGA)
- 11564 : Enigma M8A 0400 USB Strong/readable S5. Into message.
(30Dec03) (CA)
- 11565 : Enigma M8A 0400 USB weak/readable. Into message.
(01Jan04) (CA)
- 11566.0 unid: 1318 AM orDSB / Female in Spanish with five-figure
groups. (16Nov.2003) (Midwest USA)
- 11567.0 E1: 1709 AM y1 alpha.... / Jan03 04 ML
- 11576.0 LANCER3BDECDMN: & ADAMSBDECDMN, probably US Army: 2137 USB
ALE(13/OCT/03) (JLM)
- 11576.5 309 (DLA 309, Defense Logistics Agency, Battle Creek MI):
1442 USB/ALE sounding. Also sounding on 06908.5. 13/01 RP3
- 11625.0 SCLC102: (Communications Logistics center, 102nd Inf bde,
Venezuelan Army): 2126 USB/ALE TO PCRC1(Regional
Communications center, Military Region 1). 26/12 RP3

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11628.5 001: unid: 1807 USB ALE (08/JAN/04) (JLM)
12061.5 OPS171 (1/171st Avn Bn, GANG Dobbins ARB): 1844 USB/ALE sounding. 18/12 RP3
12100 : UNID North Korean embassy, 1244 USB/FSK 600Bd ARQ burst system, QSX 11442 kHz USB. (05Jan04) (LDO)
12100.0 no-call: UNID North Korean embassy, 1244 USB/FSK 600Bd ARQ burst system, QSX 11442 kHz USB, (05Jan04) (LDO)
12103.0 TAC: (Chilean Navy): 0020 LSB/ALE TO FLC (Chilean Navy). Also noted on 9818.0 LSB at 0235. 08/10 RP3
12120.5 Unid: 1321 RTTY 75bd/850hz w/encrypted trfc. 18/12 RP3
12132.0 BR1 (probably Brasilia, Brazilian Navy): 2349 USB/ALE TO BA1 (possibly Bahia, Brazilian Navy). 13/01 RP3
12133.5 AFRTS/AFN: US military HF feeder 1715 USB / with Rush Limbaugh talk program. Parallel with 13855.0 kHz. (26Dec.2003) (Midwest USA)
12143 AAA: Israeli AF 1631 ALE/USB Sounds. (10Jan04) (RGA)
12144.6 CLH: Thales Communications Colombes, F 1646 USB/STANAG 4285/2400Bd, tfc to Toulon using 1200bps/2400bps + long interleaver, STANAG 5066 tests (03Oct03) (LDO)
12144.6 CTSN: Centre Technique des Syst=E8mes Navals/Toulon, F 1025 USB/MIL-STD 188-141A, calling "PIPADY" (06Jan04) (LDO)
12144.6 CTSN: Centre Technique des Systèmes Navals/Toulon, F 1025 USB/MIL-STD 188-141A, calling "PIPADY" (06Jan04) (LDO)
12144.6 TLN: DCN Toulon, F 1645 USB/STANAG 4285/2400Bd, tfc to Colombes using 1200bps/2400bps + long interleaver, STANAG 5066 tests (03Oct03) (LDO)
12150.0 no-call: Dep. of State Comms Moscow, RUS 0730 MFSK-32/CROWD36 tfc. to "DKR" on link 70060, offline crypto not spaced in 5 LGs, duplex ARQ-protocol (20Sep03) (LDO)
12150.0 no-call: Dep. of State Comms Moscow, RUS 0730 MFSK-32/CROWD36 tfc. to "DKR" on link 7006 offline crypto not spaced in 5 LGs, duplex ARQ-protocol (20Sep03) (LDO)
12170 NEWDELHI: French emb. New Delhi, IND 1300 USB/MIL-STD 188-141A calling Cairo (19Dec03) (LDO)
12170.0 LECLAIRE: (French Embassy, Cairo): 2005 USB/ALE TO KHARTOUM (French=20Embassy, Khartoum Sudan). 07/10 RP3
12180 : Enigma V2A 0200 USB Fair/mostly readable. Into message. (01Jan04) (CA)
12182.8 DSR: UNID Bulgarian embassy in EUR, ??? 1328 USB/ASCII-75Bd 11-bit/8FSK-240Bd ARQ-system, tfc. to Sofia, QSX 10248 kHz (03Oct03) (LDO)
12191.0 CLC51 (Communications Logistics Center, 51st Jungle Infantry Bde, Venezuelan Army): 2207 USB/ALE TO SCLC512 (Communications Logistics Center, 512th Jungle Infantry Bn). Also noted on 09906.0. 15/01 RP3
12191.0 CLC51: (Communications Logistics Center, 51st Infantry Brigade, Venezuelan Army): 2330 USB/ALE TO PCRC5 (Rear Command Post-Communications, 5th Infantry Division). 29/09 RP3
12191.0 CLC51: (Communications Logistics Center, 51st Jungle Infantry brigade, Venezuelan Army): 0012 USB/ALE TO PCRM5 (Rear Command Post-Maintenance, 5th Infantry Division). 12/10 RP3
12191.0 SCLC501 (Communications Logistics Center, 501st Jungle Infantry Bn, Venezuelan Army): 2312 USB/ALE TO PCRC5 (Communications Command Post, Military Region 5). 07/01 RP3
12191.0 SCLC512: (Communications Logistics Service Center, 512th Jungle Infantry Battalion, Venezuelan Army): 2229 USB/ALE TO CLC51 (Communications Logistics Center, 51st Infantry Brigade). Also 513th Jungle Infantry Battalion w/CLC51 on this freq. 09/10 RP3
12228.3 : MFA Paris?, F? 1620 PACTOR-II 100Bd lengthy binary messages to UNID embassy using MT.EXE, occasionally slightly overmodulated sig. (30Dec03) (LDO)
12290.0 7TF8: BOUFARIK R 1612 USB arabic duplex October/11 (ML)
12305.0 O/M (JJ): 2104 USB w/O/M (JJ). 07/01 RP3
12308.0 O/M (JJ): 2138 USB w/unheard station. 13/01 RP3
12390 RN Northwood G 1432 FAX Unreadable text, might be schedule //18261 (30Dec03) (KB)

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12520.0 unid: SAFETY 1742 USB ee Jan15 04 ML
12538.5 UWLS: ukransh ship RUZHANY 1038 BAU50 working ISMAIL R
Jan11 04 ML
12538.5 UWLS: ukransh ship RUZHANY BAU50 working ISMAIL R Jan11 04 ML
12560.0 UCON: 1400 Russian Ship UCON "Pioner Moldavi" Sitor-A 100
bd "det/pioner moldwii Ucon wiqwpe ytrv arhangelxsk sup
kamalowoj=lj,hsq ltymdobryj denx asatelnona" 28/12 (PP1)
12560.0 UEIS: 1404 Russian Ship UEIS "Pioner Kareli" Sitor-A "th
pioner karelii 18~28/12 1700=w adresa arhangelxsk"
28/12 (PP1)
12561.5 UAYG: 1100 Russian ship TYNDA (UAYG) with endless row
of New Year telegrams (novym godom) RTTY 50/170 28/12 (PP1)
12577 247456000: Unid Italian vsl 1634 GMDSS/100/170 calls
LynbyRadio/OXZ for safety test. (31Dec03) (RGA)
12577 3FPH4: Panamanian Reg Elliot Bay 1658 GMDSS RQ to
Charleville/wiluna MRCC or safety test. (03Jan04)(RGA)
12577 BOIE: PRC vsl An Da Hai 1711 GMDSS RQ to MRCC Rio de Janeiro
for safety test. (03Jan04)(RGA)
12577 V7DC3: Marshall Is Ship San Jacinto 1725 GMDSS RQ to MRCC Las
Palmas for safety check after trying Valentia.
(03Jan04) (RGA)
12577 V7DC3: Marshall Is vsl San Jacinto 1720 GMDSS RQ to MRSC
Valentia IRL for safety check. (03Jan04)(RGA)
12577.0 247002900: 0800 Italian ship Calabria ITCL class CA
DSC02/01 (PP1)
12577.0 636006270: 0815 Liberian Ship African Azalea D5FQ class
bulkdsc 02/01 (PP1)
12579.0 NRV: USCG GUAM 1511 SITOR B weather September/20 (ML)
12581.5 XSV: Tianjin R 1000 FEC tfc list & NAV wng in Chinese
(01Dec03) (ML2)
12586 UDK2: MurmanskRadio 1613 ARQ w/Morse ID. (19Dec03) (RGA)
12587 LZW5: VarnaRadio BUL 1611 FEC Service bulletin in Bulgar.
(19Dec03) (RGA)
12587.0 LZW5: VARNA R 1600 SITOR B bulgarian news September/20 (ML)
12587.0 LZW: VARNA R 1121 CW marker 10/12 (ML)
12590.5 RRR34: Moskva-1 Radio 1540 FEC Service bulletin in Russian
then QTC list. (10Jan04) (RGA)
12591.3 NMA (CG Miami FL): 2130 CW/FSK markers. 13/01 RP3
12591.5 UFL: Vladivostok radio RUS 08:09 A1A+ARQ 625/100/170 CW ident
andARQ burst (29 DEC)(PP)
12593.5 UDB2: Kholmok radio RUS 07:43 A1A+ARQ 625/100/170 3rd shift
Cyr tfcwith Bareboat? over into CW ident and ARQ burst
(29 DEC)(PP)
12603 : Enigma E3 1400 USB weak/mostly unreadable. Into message.
(30Dec03) (CA)
12606.0 UIW: KALININGRAD R 1125 CW "de UIW KLD" 10/12 (ML)
12613.0 unid: 1624 SITOR A >BTU "try again or use help..."
September/20 =(ML)
12667.0 FUG (FR Navy, La Regine): 1821 RTTY 75bd/850hz w/testing.
15/01 RP3
12669 LOR: AN Puerto Belgrano 1800 RTTY/75/170 world Nx/SS.
(21/Dec/03) (RH2)
12691.0 RFVIE: LE PORT REUNION 1605 ITA2/75 "de rfvie....testing" =
September/20 (ML)
12694.6 KFS: Palo Alto Radio CA 2338 CW Sending weather forecasts.
(01Jan04) (CA)
12695.5 UNID: 1249 CW any idea? 10/12 (ML)
12695.5 unid: CASABLANCA 1607 ITA2/80 ?? any idea?? September/20 (ML)
12700.7 RFVIE: FN Le Port 1718 RTTY/75/850 RY/ID Testing de FUX.
(07/Jan/04) (RH2)
12702.0 CKN: Vancouver NAWS 1953 ITA-2 75/850 Freq list 2386 4158
6260 8309 12380 16562 22182 03/Oct/2003 (BM)
12730.0 UNID: 1301 ITA2/75 ?? any idea ? 10/12 (ML)
12735 URL: SevastopolRadio UKR 1659 RTTY/50/170 Tgm to vsl
Konstruktor Kockin then service bulletins in FSK Morse CQ de
URL QSW 12735/17147 TFC LIST ... (30Dec03) (RGA)
12735.0 URL: SEVASTOPOL R 1610 CW "de url...." September/20 (ML)
12750.0 NMF (USCGC, Boston): 1942 Fax wx. 17/12 RP3

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12750.0 NMF: USCG Boston 2021 FAX 120/576 N. Atlantic surface analysis chart03/Oct/2003 (BM)

12788 NMG: USCG New Orleans LA 1915 FAX/120/576 Chart, Natl. Weather Svc. Like a local super strong. (21Dec03) (CB)

12788.0 Possibly CG Boston: 0339 USB w/"Perfect Paul" wx forecasts for Georges Banks, Hudson and Baltimore Canyons. 08/01 RP3

12789.0 NMG (USCG New Orleans): 1945 Fax wx. 17/12 RP3

12790.0 NMG (CG New Orleans): 1343 Fax w/wx map. 18/12 RP3

12822.0 CTP (Portuguese Navy): 2122 RTTY 75bd/850hz w/NAWS. 13/01 RP3

12824.9 GYU: RN Gibraltar 1723 RTTY/75/180 8a 12a CARB. (17Dec03) (RGA)

12857 6WW: FN Dakar SEN 1522 RTTY/75/850 Test idlers. (03Jan04)(RGA)

12857 6WW: FN Dakar SEN 1657 RTTY/75/850 Test idlers. (30Dec03) (RGA)

12857 6WW: FN Dakar SEN 1721 RTTY/75/850 Test idlers. // 16951.5 (17Dec03) (RGA)

12857.0 6WW: DAKAR NAVAL 1304 ITA2 "zui testing..." 10/12 (ML)

12877.5 UIW: KaliningradRadio 1656 RTTY/50/170 Greetings tgms in Cyrillic. (30Dec03) (RGA)

12884 : NATO System 1516 STANAG-4285/2400/USB 600 bps short interleave. (03Jan04)(RGA)

12903 VTH1/5/7: IN Bombay 1712 RTTY/50/850 4LG to unk. (07/Jan/04) (RH2)

12932.5 : Unid 1514 RTTY/100/850 Telecipher. (03Jan04)(RGA)

12932.5 RETJ: SN MADRID 1454 BAUD/100 encryp Jan17 04 ML

12965.0 US05: Izmail radio UKR 09:10 A1A 36WPM blind tfc to UVKW (29 DEC)(PP)

12969.0 XSV: Tianjin R 1100 CW w/HR TFC LIST NIL QRU K to CQ DE XSV UP443 CLG mkr (01Dec03) (ML2)

12973.0 XSQ: Guangzhou R 0200 CW Nav wng & stn notice in Chinese (23Dec03) (ML2)

12984.0 AXZ: HAIFA NAVAL 1616 CW16 "de...." September/20 (ML)

13003.0 O/M (IT): 2120 USB w/O/M (IT). 13/01 RP3

13031.5 FUF: French Navy, Fort de France, Maritius 2027 ITA-2 75/850 testtape. 03/Oct/2003 (BM)

13042.2 FUV: FN Jibouti 1751 RTTY/150/820 RY/ID/SG/qwerty etc. (31/Dec/03) (RH2)

13042.5 FUV: FN Jibouti 0230 RTTY 150/850 w/DE FUV RYS SGs & 1-0 tape (23Dec03) (ML2)

13050.0 UDK: MURMANSK 0734 CW Dec25 / ML

13089.0 NMN: ? PORTSMOUTH? USCG 1648 USB eng weather September/27 (ML)

13089.0 NMN: PORTSMOUTH 1622 USB EE perfect paul weather / Jan03 04 ML

13089.0 Weather Station: 2203z USB w forecasts. (28/Dec/2003) (ALS)

13101.0 IAR: ROMA R 1958 USB italian duplex September/26 (ML)

13107.0 LFL34: or 9MG22 ?? 1651 USB malaysian ? September/27 (ML)

13110.0 WLO: RADIO 2200z USB w announcement to ships for messages; also bcst shedule. (28/Dec/2003) (ALS)

13131.0 LZW: VARNA R 2107 USB bulgarian ?y1 September/21 (ML)

13131.0 LZW: VARNA R 2022 USB bulgarian simplex Oktober/3 (ML)

13131.0 UUI: ODESSA 1459 USB ukr d/x Jan17 04 ML

13155 BILLBOARD: 22-char EAM 2206 USB (May be FILLMORE) HLI4SW simulcast on at least 8992 and 11244 with nothing heard on 6697. Maybe h+07/h+37 activity. (18 Dec 03) (JH)

13155 CRAB GRASS(?): 28-char EAM 2050 USB (Could be CRAB SHACK). 5R4RYB trailing the HFGCS' bcst of same and simulcast on at least 11244 with nothing heard on 6697 or 8992. (16 Dec 03) (JH)

13155 CRAB GRASS(?): EAM Bcast 2107 USB 5R4RYB simulcast on at least 11244 with nothing heard on 6697 or 8992. H+07/h+37 activity. (16 Dec 03) (JH)

13155 GUN SHOT(?): 28-char EAM 2007 USB (May be GUN SHOP) HLRSLG simulcast on at least 8992 and 11244. H+07/h+37 activity. (23 Dec 03) (JH)

13155 HEAD DRESS(?): 28-char EAM 1937 USB HLVEVE simulcast on at least 11244 with nothing heard on 8992 or 6697. H+37/h+07

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activity. (20 Dec 03) (JH)

13155 HEADLINER: 28-char EAM 2156 USB QIHM2Y preceding MCCLELLAN's 2202z HFGCS bcst of same and simulcast 6697, 8992 and 11244. (13 Jan 04) (JH)

13155 HEADLINER: 28-char EAM 2218 USB QIKNJ3 preceding ANDREWS' 2222z HFGCS bcst of same, and simulcasting same on 6697, 8992 and 11124. (13 Jan 04) (JH)

13155 MILL POND: 28-char EAMS 1536 USB At least two EAMS - unknown and N6R4GU simulcast 6697 and 11244 with nothing heard on 8992. (04 Jan 03) (JH)

13155 PARCHESI: 105-char EAM 2015 USB 53HNHL; common 14-character ending block. Slightly trailing OFFUTT's HFGCS bcst of same, with nothing heard on 6697, 8992 or 11244. (11 Jan 04) (JH)

13170.0 Olympia Radio: 2112 USB w/GR/EE voice announcements. 13/01 RP3

13170.0 SVN59: OLYMPIA R 1655 USB eng/greek y1 calling alternativ. = September/27 (ML)

13173.0 - :Unid. 1345 z Sept 14, 2003 USB Russian traffic, duplex, off without ID [SN]

13173.0 UGE: ARKHANGELSK 1248 USB russian y1 d/x Jan11 04 ML

13197.0 UUI: ODESSA R 1358 USB ukranian y1 phone call Jan0204 ML

13197.0 UUT: Odessa, Ukraine [t] 1353 z Sept 14, 2003 USB weak, [SN]

13200.0 AJE CROUGHTON: ? USAF 1656 USB eng September/27 (ML)

13200.0 Lajes: 1529 USB w/Gold 73 (ferry tanker) in pp w/Langley CP regarding status of Reach 073. 18/01 RP3

13200.0 USAF AFS: ? 2034 USB eam Jan07 04 ML

13215 IKF: NAS Reykjavik ICE 1703 ALE/USB calls ICZ/NAS Sigonella ITA. JNR/ NAS Salinas sounds. (17Dec03) (RGA)

13215.0 AED: USAF Elmondorf, Alaska 10:13 ALE/USB Sounding 25/12 (SP1)

13215.0 CRO: USAF Croughton, GB 10:10 ALE/USB sounding 25/12 (SP1)

13215.0 ICZ: USAF Sigonella, Italy 10:06 ALE/USB TIS ICZ to CRO 25/12 (SP1)

13215.0 IKF: USAF Keflavik, Iceland 10:08 ALE/USB IKF to CRO 25/12 (SP1)

13215.0 JNR: USAF Salinas, Porto Rico 10:07 ALE/USB Sounding 25/12 (SP1)

13215.0 PLA: USAF Lajes, Azores 10:11 ALE/USB Sounding 25/12 (SP1)

13215.0 MPA: MT PLEASANT, FALKLAND IS. 0100 USB N/A/N/A SHOWED ONLY 1 TIME AS TWS, I ASSUME SOUNDING. (22/Dec/2003) (JE)

13221.0 NMG (CG New Orleans): 1722 USB/ALE TO NOJ (CG Kodiak AK). Also noted on 08980.0. 18/12 RP3

13224.0 RS3: (Brazilian Navy): 2236 USB/ALE sounding. 10/10 RP3

13250.0 MONTECANO: (Venezualan Air Defense site): 2227 USB/ALE TO CDDA (Venezualan Air Defense Command, El Liberator Airbase). 13/10 RP3

13257.0 CANF: 1255 USB position canforce 3919?? Oktober/4 (ML)

13257.0 NATO 39 (E-4B AWACS, RAF Waddington): 2110 USB w/Trenton Military w/wx for Halifax & Greenwood Canada, Bangor ME and Portsmouth NH. 13/01 RP3

13257.0 RAF ARCHIT: 1253 USB position for flight EGPK LCRA (akrotiri) =landing time Oktober/4 (ML)

13261 Pacific 210: wkg Auckland 2135 USB Departed Fua'amotu 1227 passing level 190 selcal GQ-KL. (25/12/03) (JC)

13261 Unid: wkg Auckland 2250 USB Estimating Faleolo 2250Z. (25/12/03) (JC)

13270.0 VFG: VM 1657 USB "montreal..." September/27 (ML)

13279.0 VM: TACHKENT ? 1244USB eng y1 September/21 (ML)

13291.0 ATC NAT GANDER: 1454 USB >AIR CANADA> PSDQ ?? September/20 (ML)

13291.0 NAT ATC GANDER: 1659 USB "DEKM" AAL? September/27 (ML)

13304.0 : Unidentified a/c [EL AL?] 1450 z Nov 14, 2003 USB weak [SN]

13304.0 : Unidentified ground [EL AL?] 1450 z Nov 14, 2003 USB weak[SN]

13304.0 LDOC EL AL: 1456 USB eng September/20 (ML)

13306.0 ATC AFI: ? 1455 USB eng NGA >NIGERA AIRWAYS September/20 (ML)

13306.0 MWARA-New York: 1845z USB wkg SPEEDBIRD 21B, position report;

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- rqsts FL 390. (27/Dec/2003) (ALS)
- 13306.0 MWARA-New York: 1845z USB wkg VIRGIN 167 w routing. (28/Dec/2003) (ALS)
- 13306.0 MWARA-New York: 1857z USB wkg SPEEDBIRD 2167, position report. (27/Dec/2003) (ALS)
- 13306.0 MWARA-New York: 1906z USB wkg CONDOR 188, position report at 37 N, 40 W; selcal AEJS; given 8906.0 as secondary. (27/Dec/2003) (ALS)
- 13306.0 MWARA-New York: 1912z USB wkg XLA 860 (Excel Airways, UK), position report at 37 N, 40 W; selcal AEJS; given 8906.0 as secondary. (27/Dec/2003) (ALS)
- 13306.0 MWARA-New York: 2020z USB wkg REACH 21, rqsts FL 370 due to turbulence. (27/Dec/2003) (ALS)
- 13306.0 MWARA-New York: 2022z USB wkg CONDOR 188, position report at 32 N, 50 W. (27/Dec/2003) (ALS)
- 13306.0 MWARA-New York: 2028z USB wkg AIR FRANCE 094, handoff to 8846.0.. (27/Dec/2003) (ALS)
- 13306.0 New York ATC: 1958 ATC w/Globe 65K climbing 390 and clearance for off course 13/10 (PP1)
- 13330.0 ARINC-New York: 2212z USB w Unid Acft re ETA Oklahoma City. (28/Dec/2003) (ALS)
- 13339.0 AIR TRANSAT LDOC: 2157z USB wkg AIR TRANSAT Acft calling Montreal Dispatch. (28/Dec/2003) (ALS)
- 13339.0 AeroMexico Dispatch (O/M SS): 1921 USB w/aircraft (O/M SS) w/wx for Miami. 08/01 RP3
- 13354.0 MWARA-New York: 1832z USB wkg VIRGIN 31 w position report. (28/Dec/2003) (ALS)
- 13354.0 N418TT: (Gulfstream IV) working San Francisco ARINC (MWARA CEP-1) in USB at 0023Z to provide estimate for time crossing position COPPI then is advised to make next report on new primary of 8.843.0 01/07/04 (CR).
- 13354.0 N5FF: (Cessna Citation X, Frederick Furth, Chalk Hill Vineyards) working San Francisco ARINC (MWARA CEP-1) in USB at 0004 with position report and is advised to contact Honolulu Center on 127.600 01/07/04 (CR).
- 13354.0 N979QS: (Cessna Citation X, Fiber Sphere LLC) working San Francisco ARINC (MWARA CEP-1) in USB at 0042Z is cleared by ATC to maintain mach .91 and confirms maintaining flight level 430 12/31/03 (CR).
- 13354.0 TN127QS: (737-7BC-BBJ, NetJets) working San Francisco ARINC (MWARA CEP-1) in USB at 0048Z to answer SELCAL check to provide ATC with updated estimate for time over position ANELI 12/31/03 (CR)
- 13354.0 United 23: (B757-200 EWR to LAX to OGG) working San Francisco ARINC (MWARA CEP-1) in USB at 0036Z with position report followed by SELCAL check then is advised to make 8.843.0 secondary 12/31/03 (CR).
- 13354.0 no call: New York aero NY USA 17:21 J3E/USB tfc with UA319 position report destination Santo Domingo 27dec03 (PP1)
- 13375.0 E3: MALTA 1501 USB lincolnshire poacher & 18457 Jan17 04 ML
- 13375.0 SIS: ? 1702 USB famous music with "64580" repeated September/27 =(ML)
- 13436 : Enigma V2A 0100 USB strong/readable S9. Into message. (30Dec03) (CA)
- 13503.6 KRC81 (US Dept of State/Intell): 1353 USB/ALE TO KMN94A (US Department of State:Fort Lauderdale, FL). Ids's from Mike Chace's web site. 08/01 RP3
- 13506.0 SCLM340: (Logistics Maintenance Service Center, 340th Combat Communications Battalion, Venezuelan Army): 2302 USB/ALE TO SCLM349 (Logistics Maintenance Service Center, 349th Combat Communications Battalion). 11/10 RP3
- 13510 CFH: CanForce Halifax NS CAN 1655 RTTY/75/850 TAFORS from CF METOC Centre. (30Dec03) (RGA)
- 13510.0 CFH: HALIFAX 1132 ITA2 "CAN FORCES METOC CENTRE" 10/12 (ML)
- 13510.0 CFH: HALIFAX CANF 1252 BAU75 airfields reports "CYQN...CYYG..."Jan11 04 ML
- 13510.0 CFH; CF Halifax Can 17:29 ITA2/75/850 TAF from Canadian meteorostations 27/dec/03 (PP1)

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- 13530.0 O/M (SS): 0055 LSB w/unheard station. 30/09 RP3
 13845.0 Unid: 2053 FSK. Overridden by O/M (EE) w/religious broadcast. 08/01 RP3
 13855 : AFRTS Grindavik ISL 1350 USB Bcst. (31Dec03) (KB)
 13855.0 AFRTS/AFN: US military HF feeder 1715 USB / with Rush Limbaugh talk program. Parallel with 12133.5 kHz. (26Dec.2003) (Midwest USA)
 13882.9 DDK6: Hamburg Met 1610 FAX/120/576 Surface Prog - clear. (20/Dec/03) (RH2)
 13885.9 : Moscow Meteo 1205 FAX begin of sig wx, then off at 1209 (these charts are not sent via HF, but some other line only) (03Jan04) (KB)
 13886 : Moscow Met 1700 FAX/120/576 s'face Prog - clear. (07/Jan/04) (RH2)
 13892 TAD: MFA Ankara, TUR 0735 USB/Rohde & Schwarz GM856 modem 240Bd/720bps 8-FSK burst mode, ZIP files in 8-bit mode to Baghdad (23Dec03) (LDO)
 13927.0 USAF MARS-AFA1EN (Shelbyville IN): 1730z USB wkg AIREVAC 950; position report 54 North, 26 west; phone patch re patient medication dosages. (03/Jan/2004) (ALS)
 13947.6 : UNID net, E? 1239 SIEMENS CHX-200 system 250Bd/170Hz, FH-mode (05Jan04) (LDO)
 13947.6 no-call: UNID net, E? 1239 SIEMENS CHX-200system 250Bd/170Hz, FH-mode (05Jan04) (LDO)
 13953 P6Z/RFGW: MOD Paris, F 0733 USB/STANAG 4285 FEC-bursts using Thales modem with 1200 bps & long interleaving, traffic. to F-MIL attaché Beirut/P8C, circuit ID: "BRH" (22Dec03) (LDO)
 13956.5 : Tunis Diplo 1358 FEC Opchat/FF. (12/Jan/04) (RH2)
 13956.5 Tunis Diplo: 1616 FEC "Ami votre QSA et QRK". QRU etc. (30/Dec/03) (RH2)
 13956.7 FEI: unid Tunisian diplo 10:40 sitor-B/100/170 operator chat in FFand QSL of message received from DR3 1/jan/04 (PPA)
 13966.0 O/M (SS): 1304 USB w/unheard station in R/T link. 19/12 RP3
 13973.0 MB1TBI ICRC MB Tbilisi, GEO 1245 P-I/200Bd cnt by ICRC Liberia, Monrovia P-II Message #: 151895 Attn: Willie Airop (11/Jan/2004) (KK)
 13973.0 lrc1tbi ICRC Tbilisi, GEO 1240 P-I-ICRC/200Bd clg by unid + P-III tfc (11/Jan/2004) (KK)
 13974.0 NNN0TWT: 2013 USB w/CEQ (probable CG Cutter or USN ship) w/morale pp. 26/12 RP3
 13976.3 DOR: MFA Sofia, BUL 1245 ITA-5 based FSK ARQ-system at 600Bd, traffic to emabssy stockholm, QSX 16330 kHz (30Dec03) (LDO)
 13993.0 USAF MARS TRANSCON NET: 1800z USB; check-ins: AFA1BV, AFA3CS, AFA4BR, etc. (03/Jan/2004) (ALS)
 14260.0 6ctk tcfm: 0940 cw / non amateur stns (25/Dec/2003) (anonymous)
 14396.5 KNZ20 (id as SHARES station, Atlanta GA): 1744 USB trying to check into the SHARES net w/no response. NNN0(rest missed), from South Dakota was also trying to check into the net. At 1757 AAR9UP and AAR7A? were on net in chat. 17/12 RP3
 14400.0 1006: UNID Lukoil station, RUS 10718 USB/MIL-STD 188-141A, calling "PECHORA" (29Sep03) (LDO)
 14400.0 USTCILMA: Lukoil Ust'-Cil'ma, RUS 1247 USB/MIL-STD 188-141A, calling "PECHORA", grid coordin. for Ust'-Cil'ma: 65.27N 52.06E (29Sep03) (LDO)
 14405.0 AFA2BT (MARS station): 1642 USB w/AFA2HM (MARS station) trying to coordinate East Coast net check-ins. Calls mentioned were: AFA2BO; AFA2XD; AFA6AN; AFA3DK and AFA2BJ. 17/01 RP3
 14408 SAM6057: Clg MARS 1628 USB Calling to establish a phone patch with SAM COMMAND CENTER? Trying to arrange emergency landing because 6057 has no fuel left. (03Jan04) (CA)
 14422.0 474: 1949 East Asian Net ? ALE/USB 07/10 (PP1)
 14428.0 unid: unid CIS mil 10:22 CIS12/MS5/FIRE several short messages, CW netcontrol with QRJ2 QRJ? 27/dec/03 (PP1)
 14444.6 CTSN: Centre Technique des Syst=E8mes Navals/Toulon, F 1025 USB/MIL-STD 188-141A, calling "PIPADY" (06Jan04) (LDO)
 14444.6 CTSN: Centre Technique des Systèmes Navals/Toulon, F 1025

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14450.0 USB/MIL-STD 188-141A, calling "PIPADY" (06Jan04) (LDO)
 O/M (SS): 2047 USB w/O/M (SS). Chat about cargo/packages
 bound for a port #3, Guatemala and Miami. 15/01 RP3
 14487 : Enigma E3 1400 USB weak/mostly unreadable. Into message.
 (30Dec03) (CA)
 14493.5 CL1: US FBI Cleveland OH 1736 ALE/USB Calls OM2/Omaha NE?
 (09Jan04) (RGA)
 14493.5 CL1:(FBI Cleveland OH): 1620 USB/ALE TO CO1 (FBI Columbus
 SC). 26/12 RP3
 14493.5 OC1: (FBI, Oklahoma City OK): 1217 USB/ALE TO SCR
 (unidentified). 29/09 RP3
 14550 LAB: Rockwell Collins (Eur) Systems Integration Lab 1658
 ALE/USB Sounds. (09Jan04) (RGA)
 14569.0 SCLC513: (Communications Logistics Service Center, 513th
 Jungle Infantry Battalion, Venezuelan Army): 2259 USB/ALE TO
 SCLC511 (Communications Logistics Service Center, 511th
 Jungle Infantry Battalion). 11/10 RP3
 14569.0 SCLC513: (Communications Logistics Subordinate Center, 513th
 Jungle Infantry Battalion, Venezuelan Army): 2018 USB/ALE TO
 CLC51 (Communications Logistics Center, 51st Jungle Infantry
 Brigade). 13/10 RP3
 14600.0 unid: unid station 11:29 USB 4 tone PSK burst modem with
 tones at 800-1475-2150-2835 Hz (675 Hz shift) and presumed a
 pilot at 410 Hz, burst starting with unmodulated carriers
 followed by PSK modulation, to weak for any bit correlation or
 bit rate measurement, fading out. 3/jan/04 (PPA)
 14670.0 CHU (Ottawa Canada): 2108 USB w/automated voice (FF/EE) time
 hacks & unid FSK signal. 07/01 RP3 .
 14682.5 TL1EM: unid 1000 Pactor-I /100Bd clg (25/Dec/2003) (KK)
 14705.0 RS1: (Brazilian Navy): 2357 USB/ALE TO SMA (Brazilian Navy).
 These stations also noted on 1150.0 at 2323. 10/10 RP3
 14705.0 RS1: (Brazilian Navy): 0010 USB/ALE TO SMA (Brazilian Navy).
 11/10 RP3
 14776.0 FC8FEM (Communications manager, FEMA Region 8, Denver CO):
 1801 USB/ALE TO MT8FEM (Montana State EOC, Helena). Also
 noted on 10588.0. 07/01 RP3
 14776.0 FC8FEM: (FEMA Region 8, Denver CO-Communications Manager):
 1640
 USB/ALE TO MT8FEM (Montana State EOC, Helena MT). 08/10 RP3
 14780 ERM: Unid 1641 ALE/USB Calls ERMNAT/Brazilian Naval Radio
 Stn Natal. (09Jan04) (RGA)
 14780 ERMBEL: Brazilian Naval Radio Belem 1706 ALE/USB Calls
 ERMNAT/Naval Radio Natal. (09Jan04) (RGA)
 14780.0 ERMBEL; (Brazilian Navy Radio Station, Belem): 1921 USB/ALE
 TO NEBRSL (Brazilian Navy Training Frigate, Brasil, U-27).
 Also noted on 19709.0. 08/10 RP3
 14792.2 no-call: UNID North Korean embassy, 0540 USB/BPSK 600Bd
 serial tone modem (02Oct03) (LDO)
 14801.7 RFVI: FF Le Port 1452 ARQ-E3/100/400 Cdev on V11 cct.
 (06/Jan/04) (RH2)
 14885.0 FC6: (FEMA Region 6, Denton TX-Communications Manager): 1551
 USB/ALE TO KS7FMA (Kansas State EOC, Kansas City). Also noted
 on 11108.0. 08/10 RP3
 14926.7 : Unid 1355 ARQ-E3/192 Idles. (19Dec03) (AD)
 14926.7 RFTJ: FF Dakar 1735 Arq-E3 192/400 CdV on TJD cct.
 (31/Dec/03) (RH2)
 14926.7 RFTJ: FN Dakar 1901 ARQ-E3/192 tjd459 de rftj with CDVs.
 (04Jan04) (AD)
 14953.0 no-call: Dep. of State Comms Moscow, RUS 1638MFSK-32/CROWD36
 with error correction, offline crypto not spaced as 5LGs to
 unlocated embassy on link 70006 (03Oct03) (LDO)
 14996.0 unid: 1513 ALE sounding Jan17 04 ML
 15000.0 E?: 0902 USB y1 "YHF2" Jan10 04 ML
 15021 : Prob NATO System 1646 NATO-75/75/850 (Prob).
 (30Dec03) (RGA)
 15025 A7-ACB: Qatar Airways A330 1330 HF DL Acks msg from ARINC
 Reykjavik. (19Dec03) (RGA)
 15025 CN-RNY: Royal Air Maroc A321-211 Flt RAM956 1350 HF DL Moving

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SE from 3201N 00809W. ICAO ID 06ED15. (19Dec03) (RGA)
15025 CN-RNY: Royal Air Maroc Flt RAM 770 1459 HFDL Reports 4039N 00323W to Reykjavik and erroneously reporting ICAO ID as AA0040. (30Dec03) (RGA)
15025 D-ALCH: Lufthansa Cargo MD11F 1318 HFDL Acks wx msg for HELX/Luxor via Reykjavik. (19Dec03) (RGA)
15025 N271UP: UPS MD11F 1404 HFDL Signs on to ARINC Reykjavik. (31Dec03) (RGA)
15025 N328UP: UPS B767 Flt UP6741 1504 HFDL Reports 4607N 06455W. (30Dec03) (RGA)
15025 N525AT: American Transair B757 1420 HFDL. Signs on. (30Dec03) (RGA)
15025 N557TZ: American Transair B757 1350 HFDL Signs on. (30Dec03) (RGA)
15025 N59053: Continental B767 Flt CO0051 1503 HFDL Reports 4514N 03820W. (30Dec03) (RGA)
15025 N67058: Continental B767-424 Flt CO0051 1355 HFDL Reports 5406N 02739W to Reykjavik. (19Dec03) (RGA)
15025 N67157: Continental B767 1303 HFDL Signs on to ARINC Reykjavik. (19Dec03) (RGA)
15025 N67157: Continental B767 Flt CO0041 1347 HFDL Reporting 4550N 03234W. (30Dec03) (RGA)
15025 N67157: Continental B767 Flt CO0041 1349 HFDL Reports 5306N 02515W to Reykjavik. (19Dec03) (RGA)
15025 N673US: Northwest B747 1348 HFDL Signs on. (30Dec03) (RGA)
15025 N68159: Continental B767-224 Flt CO1941 1501 HFDL Signs on. (30Dec03) (RGA)
15025 N75854: Continental B757 1352 HFDL Prob Flt CO0061. Signs on. (30Dec03) (RGA)
15025 N75854: Continental B757 Flt CO0061 1413 HFDL Reports 4505N 04227W. (30Dec03) (RGA)
15025 N75854: Continental B757-324 1306 HFDL Signs on to Reykjavik. ICAO ID A75C55. (19Dec03) (RGA)
15025 N924FT: Polar Air Cargo B757 Flt PO0421 1321 HFDL Signs on to ARINC Reykjavik. (30Dec03) (RGA)
15025 OH-LBO: Finnair B757 Flt AY2520 1320 HFDL Reports 3535N 01023W to Reykjavik. (19Dec03) (RGA)
15025 OH-LBX: Finnair B757 1317 Flt Ay2550 HFDL Acks msg via Reykjavik for aircraft captain. (19Dec03) (RGA)
15025 VP-BDO: Aeroflot A319-111 1341 HFDL Signs on to Reykjavik. Ex D-AVWU. (19Dec03) (RGA)
15025 VP-BWG: Aeroflot A319 1349 HFDL Signs on to Reykjavik. (19Dec03) (RGA)
15025.0 VP-BWE: 1436 Aeroflot A320 VP-BWE flight SU0584 HFDL 01/01/04 (PP1)
15034.0 CHR: CANF TRENTON 2025 USB eng "winnipeg...halifax..."weather =Oktober/3 (ML)
15043 270046: USAF C-17 97-0046 1629 ALE/USB wkg PLA/Lajes Field. (09Jan04) (RGA)
15043 MPA: USAF Mount Pleasant FLK 1540 ALE/USB Sounds. PLA/Lajes also. (10Jan04) (RGA)
15064 : NATO Air Defence 1505 LINK-11/2250/USB Tadi1-A/MIL-STD-188-203. (03Jan04) (RGA)
15094.0 AAR7ALMARS (SHARES station): 1735 USB/ALE TO DLA303 (Defense Logistics Agency, Bremerton WA). 14/01 RP3
15094.0 908WGY: (FEMA Region 8, Denver CO): 1727 USB/ALE sounding. 08/10 RP3
15094.0 AAR7ALMARS (MARS SHARES station): 1720 USB/ALE TO WWJ85DOT (US Dept of Transportation). 14/01 RP4
15094.0 KNY98: (unidentified SHARES): 1532 USB/ALE TO Z23 (SHARES, South Carolina). 08/10 RP3
15094.0 KSZ78 (SHARES station): 1931 USB/ALE TO 23KNZ (SHARES station). 07/01 RP3
15682 : Enigma E3 1300 USB Very weak/unreadable. Into message. (30Dec03) (CA)
15750 MGJ: RN Faslane 1630 RTTY/75/850 Carbs. (30/Dec/03) (RH2)
15750 MGJ: RN Faslane 1756 RTTY/75/340 Carbs. (13/Jan/04) (RH2)
15750.0 MGJ: RN Faslane 1900 RTTY 75/350 CARBS (19/12/03) (AJP)

- 15851.0 FAAZJX: (Jacksonville FL ARTCC): 1947 USB/ALE sounding.
29/09 RP3
- 15867 CS5: Unid US Customs 1617 ALE/USB Sounds. (09Jan04) (RGA)
- 15867 UCG: US Customs Service Centre CAMSLANT Chesapeake VA 1617
ALE/USB Calls F29/Prob US Customs Helicopter No 2129.
(09Jan04) (RGA)
- 15880.5 AQX047: Polish Forces 1257 USB/ALE MIL-188-141A [TO]: LCR152
(28/Dec/2003) (KK)
- 15920 CFH: CANFORCE Halifax NS CAN 1729 RTTY/75/850 ZKRs.
(17Dec03) (RGA)
- 15920 CFH: CanForce Halifax NS CAN 1408 RTTY/75/850 ZKRs to NAWS.
(09Jan04) (RGA)
- 15920 CFH: CanForce Halifax NS CAN 1644 RTTY/75/850 ZKRs to NAWS.
(30Dec03) (RGA)
- 15925 N304UP: UPS B767 Flt UP6727 1503 HFDL Reports 4628N 06015W.
(30Dec03) (RGA)
- 15932.0 ERMNAT (Brazilian Navy, Natal): 1836 USB/ALE TO NTG HTG
(Brazilian Navy). 12/01 RP3
- 15932.0 ERMRIO: (Brazilian Navy Radio Station, Rio de Janeiro): 0059
USB/ALE TO FDEFEN (Niteroi-class MK-10 Frigate F-41,
Defensora). These units also noted on 12437.0. 11/10 RP3
- 15932.0 FDEFEN: (Brazilian Navy, Niteroi-class MK-10 Frigate F-41,
Defensora,): 2330 USB/ALE TO ERMNAT (Brazilian Navy Radio
Station, Natal). 10/10 RP3
- 16011.0 unid: Japanese O/M 10:56 J3E/USB Operator chat ,maybe
Fishermanlike the many Spanish and Scottish nets
27dec03 (PP1)
- 16014.4 FF La Réunion: , some more telexes in ARQ E3 100 bd
1/oct/03 (PP1)
- 16014.4 RFVIC: 1530 French Forces La Réunion ARQ E3 100bd
lots of stuff, weather and all 28/09 (PP1)
- 16016.3 no-call: Bulgarian emb. Algiers, ALG 1155 ITA-5 based FSK
ARQ-system at 800Bd, ZIP-file to Sofia(03Oct03) (LDO)
- 16046 : Unid 1355 CW in prog. with 5#G's Ended @ 1400z (very strong
sig here). (19Dec03) (AD)
- 16048.0 Unid: 1356 CW. 19/12 RP3
- 16078.5 303 (DLA 303, Defense Logistics Agency, Bremerton WA): 1606
USB/ALE sounding. Also noted sounding on 06908.5. 12/01 RP3
- 16078.5 DEUCE3BDECDMN & LANCER3BDECDMN: 0025 USB ALE
(14/OCT/03) (JLM)
- 16091.7 MFA Cairo: 1650 Cyphered embassy message Sitor A
01/10 (PP1)
- 16152.0 unid: 1433 Spanish language phone patches, family style
USB 28/09 (PP1)
- 16191.8 no call: MFA Cairo EGY 12:26 Sitor-A /100/170 calling TVVP
Abu Dhabino luck 3/jan/04 (PPA)
- 16215.0 511513: unid 1602 USB/ALE snd (07-10-03)(MSM)
- 16215.0 511522: unid 1606 USB/ALE snd (07-10-03)(MSM)
- 16215.0 5115: unid 1607 USB/ALE snd (07-10-03)(MSM)
- 16215.0 5121: unid 1559 USB/ALE snd (07-10-03)(MSM)
- 16217 : UNID North Korean embassy, 1253 USB/FSK 600Bd ARQ burst
system, QSX 11442 kHz USB, (05Jan04) (LDO)
- 16217.0 no-call: UNID North Korean embassy, 1253 USB/FSK 600Bd ARQ
burst system, QSX 11442 kHz USB, (05Jan04) (LDO)
- 16235 CENTR2: MFA Bucharest 1425 ALE/USB Calls VRO/Paris or
Brussels. (10Jan04) (RGA)
- 16265.4 Unid: RTTY 75bd/850hz w/encrypted trfc. 17/16 RP3
- 16276.7 r-fkfs: Egy Emb Harare 1600 ARQ 5LG to MFA Cairo/UR, followed
by Msg/AA to KDTKQ/OR. (30/Dec/03) (RH2)
- 16314 : Enigma E3 1400 USB weak/Mostly unreadable. Into message.
(30Dec03) (CA)
- 16318.7 no call: MFA Cairo Egy 11:27 ARQ625/100/170 very slow
throughput ofan ATU-A msg to Tunis 27dec03 (PP1)
- 16330 : Bulgarian embassy Stockholm, S 1245 ITA-5 based FSK ARQ-
system at 600Bd, ZIP files to Sofia, QSX 13976.3 kHz
(30Dec03) (LDO)
- 16338.5 TROPO4TROPO (unidentified): 1954 USB/ALE TO TROPO3TROPO
(unidentified). Also noted in comms w/TROPO12TROPO

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(unidentified).16/01 RP3
16346.7 : MFA Cairo 1535 ARQ Selcall XBVY/London. (12/Jan/04) (RH2)
16355.0 SARBR: (Brazilian Search & Rescue): 1913 USB/ALE sounding.
11/10 RP3
16420.0 UNID: SS language fishermen 2033 USB Chat and whistling
03/Oct/2003 (BM)
16506.0 O/M (IT): 1813 USB w/unheard station. 19/12 RP3
16550.0 O/M (Hindi/Urdu): 1311 USB w/unheard station in R/T link.
18/12 RP3
16571.0 O/M (Greek): 1537 USB w/O/M (Greek). 08/01 RP3
16605.9 : Unid 1424 OMFSK/195.5/600 (10Jan04) (RGA)
16606 : Brit Mil Cyprus 0610 MFSK/195.3/300. (09/Jan/04) (RH2)
16689,5 uccq: 1247 sitor-a tfc to uat (on 16813,0)
17-Jan-04 (wp3)
16691,0 unid ship: 1434 sitor-a text: test +? then: br2rbr
+? 17-Jan-04 (wp3)
16726 HPDJ: Panama-Registered MV wall 1405 ARQ. (19Dec03) (AD)
16745.5 Unid: 2047 FEC w/Philippino News items. Sign off in Tagalog.
13/01 RP3
16780 EISH5: Unid 1436 CW Morse practice? (07Jan04) (AD)
16784.0 Unid: 2002 w/unidentified encrypted voice system. 14/01 RP3
16799.0 Unid: 1345 Sitor/FEC w/news in EE. News all local Philippine
items. 28/12 RP3
16801.5 : Unid 1419 RTTY/75/170b Ended before ID. (07Jan04) (AD)
16806.5 NRV: USCG Guam 1636 FEC wx forecasts-Pacific.
(13/Jan/04) (RH2)
16808.0 XSV: Tianjin R 0700 FEC NAV wngs EE (01Dec03) (ML2)
16809 WLO: Mobile Radio AL USA 1348 ARQ w/Morse ID. Their HF RT
service is via KLB Seattle WA. (10Jan04) (RGA)
16812.0 WLO 2002 SITOR-B 100/170 i/p tfc for ships 04/Jan/2004 BenM
16812.5 NRV: USCG Guam 1215 Channel free marker. CW ID
(27/09/03) (AJP)
16813,0 uat Moscow Radio: 1247 sitor-a tfc to uccq (on 16689,5)
uccq logged on at netc no msg 17-Jan-04 (wp3)
16813.0 UAT: Moscú R 1216 Channel free marker. CW ID (27/09/03) (AJP)
16819.5 NMN: CAMSLANT Chesapeake VA USA 1340 ARQ w/Morse ID.
(10Jan04) (RGA)
16819.5 NMN: USCG Portsmouth VA 1732 ARQ marker w/Morse ID.
(17Dec03) (RGA)
16829.5 Olympia Radio: 1318 FEC w/news items in Greek. 14/01 RP3
16829.5 UCE: Arkhangelsk R 1225 Channel free marker. CW ID
(27/09/03) (AJP)
16831.0 SVO (Olympia Radio): 1315 FEC/NAVTEX w/news items in Greek.
19/01 RP3
16833.5 UIW: Kaliningrado R 1230 Channel free marker. CW ID
(27/09/03) (AJP)
16839.5 UFN: Novorossiysk R 1234 Channel free marker. CW ID
(27/09/03) (AJP)
16840.5 RRR34: Moscú R 1238 Channel free marker. CW ID
(27/09/03) (AJP)
16840.5 RRR34: Moskva-1 Radio 1338 ARQ w/Morse ID. (10Jan04) (RGA)
16862.0 VTR: Indian Nvy Port Blair Andaman Is 1040 CW 4FG msg, 24 hr
wx f/cast & nil wngs for Andaman Sea EE & VVV VTR 12/13 mkr
(19Dec03) (ML2)
16880.0 XSQ: Guangzhou R 1242 Channel free marker. CW ID
(27/09/03) (AJP)
16904.9 RFQPM: FN Djibouti DJI 1638 RTTY/75/850 Test idlers.
(30Dec03) (RGA)
16910.0 HLJ: Seoul R 1255 CW cq cq de HLJ qsx 16 mhz (27/09/03) (AJP)
16915 FUX: FN Le Port REU 1636 RTTY/75/850 Test idlers. Off
frequency. (30Dec03) (RGA)
16935.7 CTP: NATO Lisbon 1805 RTTY/75/850 NAWS de CTP etc.
(21/Dec/03) (RH2)
16938 VTG8: IN Mumbai 1307 CW VVV VTG4/6/7/8/9. (10Jan04) (RGA)
16938,0 vtg8 IN Mumbai: 1211 cw vvv vvv vvv vtg 4/6/7/8/9 vtg
4/6/7/8/9 vtg 4/6/7/8/9 vvv 17-Jan-04 (wp3)
16945 9HD: Globe Malta 1334 ACB462 Idlers. (10Jan04) (RGA)
16961.5 FUF: FN Fort de France MRT 1335 RTTY/75/850 Test idlers.

(10Jan04) (RGA)
16961.5 FUF: FN Fort de France MRT 1634 RTTY/75/850 Test idlers.
(30Dec03) (RGA)
16971 JJC: Kyodo Tokio 1600 FAX/60/576 JJ Nx/Paper - very clear. //
17069.5 + 12745.5 + 8457.5 + 22542 khz (20/Dec/03) (RH2)
16983.7 CTP (Portuguese Navy): 1503 RTTY 75bd/850hz w/NAWS. 08/01 RP3
16984.0 PWZ-33: BN Rio de Janeiro 1303 RTTY 200/850 Ships movements
(27/09/03)(AJP)
16985.2 CTP: (Portuguese Navy): 1405 RTTY 75bd/850hz w/NAWS. NAW DE
TP ITP CTP QSX 04 08 12 16 MHZ AR. 28/12 RP3
16986 CTP: NATO Lisbon 1545 RTTY/75/850 NAWS DE CTP etc.
(12/Jan/04) (RH2)
16986 CTP: Oeiras/Palhais Naval Radio 1304 RTTY/75/850 QSX marker.
(10Jan04) (RGA)
16986.0 CTP: 1440 Portuguese Navy RTTY 75/170 "naws naws de ctp
qsx 04 08 12 16 mhz AR" 28/09 (PP1)
16996.0 WLO (Mobile AL): 1958 FEC w/wx forecasts for Northern Pacific
areas & traffic list. Probably relayed by KLB (Seattle).
14/01 RP3
17020 UDK2: MurmanskRadio 1403 RTTY/75/170 CQs to 4LS; Blind
messages to UDYN UCUF UICO. (09Jan04) (RGA)
17020.0 UDK: MURMANSK R 0902 ITA2/50 encrypted?txt saved
Oktober/4(ML)
17066.5 A9M: Globe Hamala BHR 1300 ACB462 Idling. (10Jan04) (RGA)
17069.6 JJC: Kyodo News agency 1625 FAX 60/576 Page of Japanese
text04/Oct/2003 (BM)
17118.0 PBC: (Dutch Navy Goeree): 1411 RTTY 75bd/850hz w/CARBS.
02 8@04B 06A 08A 12B 17A 22X PBC. 28/12 RP3
17130.0 HLW: Seoul Radio 2153 CW Channel marker 04/Oct/2003 (BM)
17146.4 NMG: USCG New Orleans 1236 FAX wind & "sea contours"
forecast. //12789.9 (29Dec03) (KB)
17146.7 NMG (CG New Orleans): 1810 Fax w/wx map. 18/12 RP3
17147 URL: Sevastopol R 1607 CW Msgs/RR - v. fast machine CW.
(20/Dec/03) (RH2)
17147.0 URL: 1443 Sevastopol Radio,Ukraine CW "cq de url ans
12458.5/ 16669.5/22371 28/09 (PP1)
17147.0 URL: SEVASTOPOL R 0906 CW/13 "de url" Oktober/4 (ML)
17151.2 NMC (USCGC Point Reyes CA): 1953 Fax wx. 17/12 RP3
17178.0 FUG (Fr Navy, La Regine): 1321 RTTY 75bd/850hz w/testing
. 14/01 RP3
17192.0 ---: Unid 2049 RTTY 75/170 Possible Rus mil 75/75/150
(23/09/03) (AJP)
17206.1 IAR7: RomeRadio 1631 CW Service bulletins. (30Dec03) (RGA)
17206.1 IAR: 1120 IAR Italy with CW loop tape "vvv vvv de
iar"28/12 (PP1)
17308 UTQ: KievRadio UKR 1303 USB YL with service bulletin.
(10Jan04) (RGA)
17314 NMC: USCG Communications Area Master Station Pacific San
Francisco CA 2230 USB w/scheduled "Perfect Paul" marine
forecast. //8764//13089 (under NMN on 13089). (01Jan04) (RB)
17314.0 unid: 1450 ALE like??? mode? September/20 (ML)
17326 SVO: Olympia Radio Athens 1354 USB Id+Ann in gr + e.
(09Jan04) (ROPE63)
17350.0 O/M (SS): 1953 USB w/unheard station. Caught at sign off.
14/01 RP3
17359.0 ESA?: TALLIN R 1313 USB estonian? duplex Oktober/4 (ML)
17359.0 SVU: Olympia Radio 1600 USB English/Greek channel marker
02/Oct/2003 (BM)
17417 : Enigma E3 1500 USB Fair/readable. Into message.
(01Jan04) (CA)
17450 CO2: USAF NIPRI/SIPRI/Rockwell Collins Net 1619 ALE/USB
Sounds. (31Dec03) (RGA)
17487.0 AAR (US Army MARS HQs, Ft Huachuca AZ): 1724 USB/ALE TO
900NHQCAP (Unidentified, Nat'l CAP HQs, Maxwell AFB AL).
14/01 RP3
17487.0 AAR6HXMARS (SHARES station): 1808 USB/ALE TO KGD34NCC (SHARES
Nat'l Coordinating Center, VA). 14/01 RP3
17487.0 DLA303 (Defense Logistics Agency, Bremerton WA): 1726 USB/ALE

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TO AAR (US Army MARS HQs, Ft Huachuca AZ). 14/01 RP3
17487.0 DLA303 (Defense Logistics Agency, Bremerton WA): 1747 USB/ALE
TO AAT7WEMARS (SHARES station). 14/01 RP3
17487.0 DLA303: (US Defence Logistics Agency:Bremerton, WA): 1505
USB/ALE TO NNN0FV NNN0FVQMARS (Navy/Marine Corps MARS):
08/10 RP3
17487.0 HHS: (Dept. of Health & Human Services, wash DC): 1140
USB/ALE sounding. 08/10 RP3
17487.0 JTB (unidentified SHARES station): 1931 USB/ALE sounding.
14/01 RP3
17487.0 KGD34NCC (US SHARES Nat'l Coordinating Center, Virginia):
1726 USB/ALE TO KNY77 (unidentified SHARES station).
07/01 RP3
17490.0 ASI: (Royal Signals, Ascension Island): 0027 USB/ALE
sounding. Also noted sounding on 18277.9; 19464.0; and
20620.0. 06/10 RP3
17908.0 NOJ: unid: 2138 USB ALE (06/OCT/03) (JLM)
17946.0 Northwest 17: (B747-400 JFK to RJAA) working San Francisco
ARINC(MWARA NP-2) in USB at 0101Z to check-in and requests
SELCAL check and isadvised to make 10.048.0 secondary
01/07/04 (CR).
17946.0 Northwest 1: (B747-451 LAX to RJAA) working San Francisco
ARINC(MWARA NP-2) in USB at 0058Z with position report and is
advised to contact Anchorage at 100 miles west of Adak on
126.400 01/07/04 (CR).
17946.0 Northwest 27: (DC-10-30 SFO to RJAA) working San Francisco
ARINC(MWARA NP-2) in USB at 0100Z to accept ATC clearance to
climb to and maintain flight level 320 01/07/04 (CR).
17976 PLASPR: USAF SIPRNet Stn Lajes AZR 1539 ALE/USB Sounds.
(31Dec03) (RGA)
17982.0 Aircraft 511 (O/M Portuguese-Brazilian Air Force): 2034 USB
calling Tamoio (Brazilian Navy submarine) w/no response.
18/12 RP3
17988 TISCOM: USCG Tels & Info Net Cmd Alexandria VA 1525 ALE/USB
Sounds. (19Dec03) (RGA)
18003 160017: USAF C-5 Galaxy 86-0017 1324 ALE/USB Sounds.
(10Jan04) (RGA)
18003 ICZ: US NAS Sigonella ITA 1521 ALE/USB Calls CRO/USAF
Croughton. (09Jan04) (RGA)
18003 MPA: USAF Mt Pleasant FLK 1500 ALE/USB Sounds.
(19Dec03) (RGA)
18003 PLA: USAF Lajes Field AZR 1602 ALE/USB Sounds.
(30Dec03) (RGA)
18003.0 JDG: USAF Diego Garcia BIO 14:09 USB/ALE Sounding
3/jan/04 (PPA)
18003.0 USAF CRO: ? 1821 USB & ALE duplex REACH requesting weather
EDDF & =[JNG].... September/21 (ML)
18012.0 Circus Vert: (French Air Force, CFAP HQs, Villacoublay):
1341 USB in radio checks w/unheard aircraft.
18171.0 oc1: (FBI, Oklahoma City OK): 1725 USB/ALE TO QT2 (FBI
Training Academy, Quantico VA). 10/10 RP3
18183,4 7RQ20: MAE Algiers 1451 COQ8/26.67 Relay Msg/FF fm Ambalg.
(23/Dec/03) (RH2)
18183.4 7RQ20: MAE Algiers 0950 COQ8/13.33 Msg/FF rpt in AA A tous
postes diplomatiques et consulaires (All Stations).
(23/Dec/03) (RH2)
18183.4 7RQ20: MAE Algiers 1435 COQ8/26.67 S/Flash Msg/FF to DG Air
Algerie re details transit diplo sacs info Ambalgs Bogota,
Santiago, Mexico City, Caracas, Havana & Madrid.
(23/Dec/03) (RH2)
18183.4 7RQ20: MAE Algiers 1445 COQ8/26.67 Msg/FF to Ambalg Maputo.
(23/Dec/03) (RH2)
18183.4 7RQ20: MAE Algiers 1458 COQ8/26.67 Relay Msg/AA fm Ambalg
Libreville for Ambalg Addis Abeba. (23/Dec/03) (RH2)
18183.4 7RQ20: MAE Algiers 1505 Relay Msg/AA fm Ambalg Kuwait to MAE
info Ambalg Riyadh, Abu Dhabi, Doha, Manama, Mascate & Le
Caire. (23/Dec/03) (RH2)
18183.4 7RQ20: MAE Algiers 1540 COQ8/13.33 Msf/FF to Ambalg

Noudabidou. (09/Jan/04) (RH2)
 18183.4 7RQ20: MAE Algiers 1600 COQ-8/26.67 To All Stations - "Bonne
 Annee a toi et les colleges!" (31/Dec/03) (RH2)
 18183.4 : MFA Algiers? 1430 COQ-8 Algerian traffic. (04Jan04) (AD)
 18183.4 : Unid Algerian Stns 1445 COQUELET-8 Various Algerian Msg's.
 Odd as they kept switching between 13.3b & 26.6b.
 (18Dec03) (AD)
 18183.7 7RY20 ; Algerian embassy Accra GHA 14:14 Coquelet 8/26,67/250
 FFoperator chat working simplex with Algiers 1/jan/04 (PPA)
 18238.0 ZSJ: SA Ny silvermine 1052 FAX 120 WX //13538.0
 (16/12/03) (AJP)
 18238.2 ZSJ: Cape Naval 1545 FAX Surface analysis 12 UTC.
 (29Dec03) (KB)
 18257.0 unid: arabic Net 1000 USB/ALE MIL-188-141A ID's in
 use 1203,1204,1205,1206,1209,1211,1215,12161223,1224,
 1225,1314,1315, 1316,1324,1326 1329,1336,1341,1348
 (03/Dec/2004) (KK)
 18277.0 8WB3: Indian HiCom Port Louis MAU 1010 RTTY 50/400 clg New
 Delhi w/8WD6 DE 8WB3 RYs figs etc & QRU (19Dec03) (ML2)
 18277.0 ASI: (Royal Signals, Ascension Is.): 2140 USB/ALE sounding.
 05/10 RP3
 18300.0 OLZ88: (MFA, Prague): 1749 USB/ALE sounding. 09/10 RP3
 18313.0 ---: Mil. Argentina 2003 SS USB = family pp - LSB = Broadcast
 feeder "FM La Red" (16/12/03) (AJP)
 18314.0 LBO (unidentified, possible NG): 2002 USB/ALE TO SNY
 (unidentified, possible NG). 18/12 RP3
 18396 LECAIRE: French Embassy Cairo 1552 ALE/USB calls KHARTOUM
 embassy. At 1559z AMMAN calls CER41/MFA Paris.
 (30Dec03) (RGA)
 18396.0 LECAIRE: (French Embassy Cairo Egypt): 1858 USB/ALE TO CER41
 (MFA,=20Paris). Also noted on 16320.0; 15921.0 and 12170.0.
 07/10 RP3
 18519 9HD: Globe Malta 1627 ACB462 Idlers from unlisted outlet.
 (30Dec03) (RGA)
 18570.0 FNG034: UNID Polish MIL, IRQ? 1320 USB/MIL-STD188-141A,
 calling SNT051 (08Sep03) (LDO)
 18594 TSC: US Customs Technical Service Centre Orlando FL 1705
 ALE/USB calls 718. CS5 sounds at 1714z. (31Dec03) (RGA)
 18594.0 TSC (Technical Service Center, US Customs): 2122 USB/ALE TO
 USDAEOC2 (unidentified, possibly US Dept of the Army ??).
 08/01 RP3
 18620.0 JRC123: UNID Polish MIL, IRQ? 1002 USB/MIL-STD188-141A,
 calling TQR645 (26Sep03) (LDO)
 18666 QT2: KRR50/US FBI Quantico VA 1324 ALE/USB calls AL1/KEC67
 FBI Albany NY. (10Jan04) (RGA)
 18666.0 LR1: (FBI, Little Rock AK): 1403 USB/ALE w/OC1 (FBI Oklahoma
 City). 29/09 RP3
 18666.0 MM1: (FBI Miami FL): 1548 USB/ALE TO SJ1 (FBI San Juan PR).
 29/09 RP3
 18666.0 OC1: (FBI Oklahoma City): 1511 USB/ALE TO SA1 (FBI, San
 Antonio TX). Oklahoma City also w/NO1 (FBI New Orleans) on
 this freq at 1452. 29/09 RP3
 18666.0 OC1: (FBI Oklahoma City): 1558 USB/ALE TO HO1 (FBI Honolulu
 HI). 29/03 RP3
 18757 RFGW: MFA Paris 1545 FEC-A/192/400 Idling for 20mins -
 strong sigs. (14/Jan/04) (RH2)
 18789 : Brit Mil Cyprus 1535 MFSK 195.3/300. (31/Dec/03) (RH2)
 18864.0 no call ; British intel GUM 11:36 J3E/USB Enigma E04 Cherry
 ripe ,EE YL reading 5F msg 1/jan/04 (PPA)
 18900 CODRU763: Unid 1201 ALE/USB calling FMP (31Dec03) (KB)
 18900 FMP: Unid 1139 ALE/USB calling CODRU763, later calling COD.
 2-FSK sequences & other unid mode (31Dec03) (KB)
 18900 OLZ78: Unid Czech Emb 1208 ALE/USB clg Prague (31Dec03) (KB)
 18900.0 FMP: UNID Station, ??? 1556 USB/MIL-STD 188-141A, calling
 CODRU763 (26Sep03) (LDO)
 18900.0 FMP: UNID Station, ??? 1556 USB/MIL-STD 188-141A,calling
 CODRU763 (26Sep03) (LDO)
 18930.0 Unid: CW 1435z "5 5 5" repeated for two seconds,

13/oct/03 (S)
18940 BDF: Shanghai Meteo 0815 FAX End of forecast (FXAS) chart.
(30Dec03) (KB)
19036.4 ---: ALGERIAN EMB NDJAMENA 0958 COQ/8 26.7 Tfc in FF
(22/Dec)(DW)
19048.7 ---: FF PARIS? 1008 ARQ/E3 192/E/400 8rc. Betas. Little sync
(22/Dec)(DW)
19103.5 001:(unidentified): 1515 USB/ALE sounding. 12/10 RP3
19183.4 : Algerian Embassy Dar es Salaam TZA 1243 COQ-8 Msgs in FF.
Opchat Pour le Nr 17 donne-moi un peu de temps il est sur
memoire = Nr 17 is in memory, give me a little time .
Then went offair and did not return. QSYd? Freq 19183.42.
(10Jan04) (RGA)
19216.7 ---: FF FT DE FRANCE? 1027 ARQ/E3 192/E/400 8rc. Betas. Poor
sync. (22/Dec)(DW)
19216.7 : Unid 1445 ARQ-E3/192 Idles. (19Dec03) (AD)
19216.7 RFLI: FF Fort de France MRT 1226 ARQ-E/192/300 Mode
uncertain. Poor synch. No traffic. (10Jan04) (RGA)
19320 207: Singapore Navy Vsl "Endurance" 1437 ALE/USB Calls
TF1/Naval HQ? (19Dec03) (RGA)
19320.0 OLZ88: MFA PRAGUE 1234 MIL.STD 188-141A ALE on usb, cng
OLZ78 then CW(+1125Hz) systematically cng/indicating "qsx
gggg" moving thru chans F, J, I, D, E then RT in Czech.
Finally tfc in -110A s/tone 2400/short intlv sig
"BCDEFGH..." (22/Dec)(DW)
19349.0 Unid: 1511 RTTY 75bd/850hz. Possibly VMG. Starts
transmissions YRYRYRYRYRYRYVMG. Rest of xmission not
decode. 08/01 RP3
19349.0 VMG (Royal Navy Cyprus): 1344 RTTY 75bd/850hz w/encrypted
trfc. 19/01 RP3
19350 : NATO/RN Cyprus? 1751 RTTY/75/850 Crypto + RY + VMGT.
(13/Jan/04) (RH2)
19350 : RN Fleet Bcast 1215 RTTY/75/850 Telecipher. Probably
Gibraltar. (10Jan04) (RGA)
19350 Unid: NATO 0616 RTTY/75/850 Crypto + RY/VMGTC.
(09/Jan/04) (RH2)
19385 NJ10: Unid 1113 ALE/USB sounding, Arab(?) voice
(31Dec03) (KB)
19441.7 5YE: Nairobi Met 1800 RTTY/100/850 RY/ID. (13/Jan/04) (RH2)
19452 : Enigma E3 1500 USB Fair/readable. Into message.
(01Jan04) (CA)
19500.0 MARIO: (unidentified): 2052 USB/ALE TO HEN (unidentified).
[AMD]=E2==80=A2=E2=80=A2=E2=80=A2RY@. 07/10 RP3=20
19571.7 no call: MFA Cairo EGY 14:44 Sitor-A /100/170 Calling and
workingTVVX Algiers 1/jan/04 (PPA)
19636 LECAIRE: French Embassy Cairo 1418 ALE/USB Calls
KHARTOUM/Khartoum embassy. (19Dec03) (RGA)
19643.0 N2G: French embassy Sanaa, YEM 1200 FEC-A-192Bd/400Hz,
offline crypto to Paris on ANS cct, usingcf/cg/ch/ci char.-
substitution (14Sep03) (LDO)
19692.5 ZSC: GW Capetown 1632 GW Unable decode //8446
(13/Jan/04) (RH2)
19692.5 ZSC: Globe Capetown SAF 1620 ACB462 Traffic then idlers.
(30Dec03) (RGA)
19698 OST: Ostend Radio BEL 1440 ARQ Selcal "VM". (19Dec03) (AD)
19709.0 ERMNAT (Brazilian Navy, Natal): 1306 USB/ALE TO ERMGRD
(Brazilian Navy, Rio Grande). 12/01 RP3
19709.0 ERMNAT (Brazilian Navy, Natal): 1309 USB/ALE TO DE1MO
(unidentified, Brazilian Navy). Also noted on 15932.0.
12/10 RP3.
19709.0 ERMNAT (Brazilian Navy, Natal): 1753 USB/ALE TO FDEFEN
(Frigate "Defensora" F-41). 12/01 RP3
19709.0 ERMNAT (Brazilian Navy, Natal): 1846 USB/ALE TO NEBRSL
(Brazilian Navy Training Ship "Brasil", U-27). 12/01 RP3
19709.0 ERMNAT: (Brazilian Navy Radio Station, Natal): 1729 USB/ALE
TO NEBRSL (Brazilian Navy Training Frigate, Brasil, U-27)
. 08/10 RP3
19709.0 NEBRSL: & ERMNAT, Brazilian Navy?: 2135 USB ALE

- (06/OCT/03) (JLM)
- 19714.2 : NATO Ship/Shore 1212 STANAG-4285/2400/USB Prob 600 long
interleave. Intermittent synch. No decode. (10Jan04) (RGA)
- 19718 UDK2: Murmansk R. 1125 RTTY/50/170 greeting tgms
(31Dec03) (KB)
- 19718 UDK: MurmanskRadio 1612 RTTY/100/170 Hundreds of greetings
telegrams in Cyrillic mostly from Murmansk and Sankt
Peterburg to fleet collective 4LS. (30Dec03) (RGA)
- 19724.0 Unid: 1517 FSK w/170hz shift. 08/01 RP3
- 19837.1 nocall: IRGC 1524 P-I HamMod/200Bd ASCII msg to unid conf
19835 USB (28/Dec/2003) (KK)
- 19945 RBT: Algerian Embassy Rabat 1513 ALE/USB Calls BKO/Bamako MLI
embassy with AMD [VOILA AVEC DES APPELS QUE JE RECOIS MAIS
PAS DE] (There with some calls which I'm receiving but
no...). (09Jan04) (RGA)
- 20000.0 WWV: TS Ft Collins, CO 1449 USB m. Voice:"At the Tone
14hours..." (28/Dec/2003) (KK)
- 20048.0 "c" rus. navy 0938 cw beacon 17-Jan-04 (wp3)
- 20107.1 PACMZGB: MSF Zagreb 0910 P-I/200Bd clg (03/Dec/2004) (KK)
- 20133.7 LCR152: Polish Military 1302 ALE/USB Calls AQX047.
(19Dec03) (RGA)
- 20135.5 TISCOM USCG: Telecommunications & InfosysCom, VA 1528USB/ALE
MIL-188-141A (28/Dec/2003) (KK)
- 20276.0 LTA Combat602,ARG: 1140 LSB transmits unid local argent.
radio station (28/Dec/2003) (KK)
- 20276.0 LTA: Combat602,ARG 0930 LSB TX:R.Sole (27/Dec/2003) (KK)
- 20330 FNG034: Polish Military 1337 ALE/USB Calls SNT051.
(30Dec03) (RGA)
- 20340 GAO: Algerian Consulate Gao Mali 1416 ALE/USB Calls MAE/MFA
Algiers who responds. (30Dec03) (RGA)
- 20340 RBT: Algerian Embassy Rabat 1501 ALE/USB Calls BKO/Bamako MLI
embassy with AMD [EN QAP POUR VOIR VX] (Listening there to
see (you/yours?)). (09Jan04) (RGA)
- 20452 NKT: Algerian Embassy Nouakchott MTN 1356 ALE/USB Calls
MAE/MFA Algiers. (30Dec03) (RGA)
- 20507.1 1701 IRGC: 1145 Pactor-I Ham-Mod 200bd ASCII tfcto [LP:701]
conf 20505 usb (27/Dec/2003) (KK)
- 20507.1 1701 IRGC: 1302 Pactor-I Ham-Mod 200bd ASCII tfc to [LP:602]
conf 20505 usb 1 s7=255 s11=55 v1 x Uüüüü?33UUU
(27/Dec/2003) (KK)
- 20507.1 1701: IRGC 1250 P-I/Ham 200Bd ASCII tfc to [LP:951] 1951 cnf
20505kHz usb (04/Jan/2004) (KK)
- 20507.1 1701: IRGC 1305 P-I/Ham 200Bd ASCII tfc to [LP:721] 1721cnf
20505kHz usb (04/Jan/2004) (KK)
- 20507.1 1701: IRGC 1330 P-I HamMod/200Bd ASCII msg to [LP:711]
conf 20505 USB (28/Dec/2003) (KK)
- 20507.1 1761 IRGC: 1147 Pactor-I Ham-Mod 200bd ASCII tfc to [LP:761]
conf 20505 usb (27/Dec/2003) (KK)
- 20507.1 1761: IRGC 1310 P-I HamMod/200Bd ASCII msg to [LP:701] conf
20505 USB (28/Dec/2003) (KK)
- 20507.1 1951: IRGC 1257 P-I/Ham 200Bd ASCII tfc to [LP:701] 1701cnf
20505kHz usb (04/Jan/2004) (KK)
- 20510.0 FNG034: UNID Polish MIL, IRQ? 1434 USB/MIL-
STD188-141A/188-110A serial tone modem, encrypted msgs to
SNT051 using Harris RF-6710W terminal software
(14Sep03) (LDO)
- 20510.0 FNG034: UNID Polish MIL, IRQ? 1434 USB/MIL-
STD188-141A/188-110A serial tone modem, encryptedmsgs to
SNT051 using Harris RF-6710W terminalsoftware (14Sep03) (LDO)
- 20555.0 [no call]: MOD Paris 0925 ARQ-E 184,6 idl (03/Dec/2004) (KK)
- 20602.0 AMM: UK Mil/Dipol Amman 1306 USB/ALE snd (25/Dec/2003) (KK)
- 20631 MPA: USAF Mount Pleasant FLK 1303 ALE/USB Sounds.
(19Dec03) (RGA)
- 20715.0 [no call]: unid FF 0930 ARQ-E 184,6 idl (03/Dec/2004) (KK)
- 20740.0 293: Defense Logistics Agency station DLA293: 1732 USB ALE.
(09/JAN/04) (JLM)
- 20780 P6Z/RFGW: MOD Paris, F 0747 USB/STANAG 4285 FEC-bursts using
Thales modem with 1200 bps & long interleaving, traffic. to

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F-MIL attaché Addis Abeba/D7A, circuit ID: "ADB"
(22Dec03) (LDO)
20887.0 8WD6: MEA New Delhi 1000 RTTY 50/400 c/g Port Louis w/8WB3 DE
8WD6 RYS etc & INT QRK HR QRU (19Dec03) (ML2)
20890 CS9: Unid US Customs 1310 ALE/USB Sounds. (19Dec03) (RGA)
20890 CS9: Unid US Customs 1358 ALE/USB Sounds. CS1 Also.
(30Dec03) (RGA)
20906.0 BISNGB: (National Guard Bureau, Bismark ND): 1337 USB/ALE
sounding. 05/10 RP3
20906.0 JINGNB (unidentified): 1423 USB/ALE sounding. 16/01 RP3
20907.1 1701 IRGC: 1315 Pactor-I Ham-Mod 200bd ASCII t/c to [LP:721]
conf 20905 usb (27/Dec/2003) (KK)
20907.1 1701 IRGC: 1320 Pactor-I Ham-Mod 200bd ASCII t/c to [LP:701]
conf 20905 usb (27/Dec/2003) (KK)
20907.1 1701 IRGC: 1410 Pactor-I Ham-Mod 200bd c/g [LP:612] nct
(27/Dec/2003) (KK)
20908.5 DRA: unid 1311 USB/ALE [TO]:1BN (25/Dec/2003) (KK)
20930.0 CENTR8 MFA Bucuresti: ,ROU 0934 USB/ALE MIL-188-141A[TO]:
PPR910 Rom. Embassy Resp.REQ (28/Dec/2003) (KK)
20946.0 8BY: French Intel 1250 CW "VVV 8BY" (27/Dec/2003) (KK)
20965 FNG034: Polish Military 1336 ALE/USB Calls SNT051.
(30Dec03) (RGA)
20965 TGB: Polish Military 1329 ALE/USB Calls SNT. (19Dec03) (RGA)
20992.4 [var.]: MARS Stations 1320 USB requ. for PP + X-mas greets to
their familys (25/Dec/2003) (KK)
20994.9 IR1CCL: prob ICRC/UNHCR 0800 Pactor-I c/g and PII t/c
?Hamcall found an ital.OP (27/Dec/2003) (KK)
21866 FC4FEM: US FEMA State EOC Talahassee FL Region 4 1454 ALE/USB
Calls FCSFEM/WGY912/FEMA Mount Weather VA. (30Dec03) (RGA)
21866.0 FC8FEM: (FEMA Region 8, Denver CO-Communications Manager):
1548 USB/ALE sounding. 12/10 RP3
21867 KUW: UK Military Kuwait 1329 ALE/USB Sounds. (19Dec03) (RGA)
22027.0 Olympia Radio: 1308 USB w/P3NB7 (O/M Tagalog) in R/T link.
14/01 RP3
22387.0 NMN (CG Portsmouth VA): 1802 CW/FSK markers. 15/01 RP3
22387.0 Olympia Radio: 1304 FEC w/news items in Greek. Partially
blocked by NMN (CG Portsmouth VA) w/CW/FSK markers. 14/01 RP3
22388.0 SVO (Olympia Radio): 1526 CW/FEC markers. 08/01 RP3
22389.5 NMN: USCG Portsmouth VA 1235 ARQ Idler w/Morse ID.
(30Dec03) (RGA)
22391.0 AMM: British Embassy Amman, Jordania 12:47 ALE/USB Sounding
25/12 (SP1)
22403 UIW: KaliningradRadio 1238 ARQ wkg vs1 Koulikovo Pole/UALV in
Cyrillic autotelex. (30Dec03) (RGA)
22459.7 FUJ (FR Navy, Nouemea): 2024 RTTY 75bd/850hz testing.
13/01RP3
22460.6 FUJ: FF Nouemea NCL 0415 RTTY/75/850 Test RYS etc.
(25Dec03) (BC3)
22525.3 Possibly NMF (CG Boston): 2058 Fax. Nat'l Weather
Center/Ocean Prediction Center (NWS/NOPC) Chart of wave
action in area of 49N & 50N. Also NOAA 96-hr 500 millibar
forecast chart.13/01 RP3
22590 VCT: Tor's Cove Radio NFLD CAN 1248 ACB462 Idlers. Globe list
this channel as VCS. Surely some mistake? (30Dec03) (RGA)
22723 SVO: OlympiaRadio Athens 1249 USB YL w/usual QSX tape.
(30Dec03) (RGA)
22723.0 Olympia Radio: 1350 USB w/Y/L (Tagalog) in R/T link.
14/01 RP3
22744 SVO: OlympiaRadio Athens 1250 USB YL on shore-side with very
poor quality phonepatch to unid vs1. (30Dec03) (RGA)
22828.6 VTG9:IN Mumbai IND 13:47 A1A vvv de VTG 4/6/7/8/9
3/jan/04(PPA)
22847.5 CPK: Santa Cruz radio BOL 12:47 GW-dataplex /100/200 channel
freemarker 3/jan/04 (PPA)
22864 : Russian Military 1252 36-50/50/240 At least 6 msgs. //
22920.5 (30Dec03) (RGA)
22920.5 : Russian Military 1256 36-50/50/240 // 22864. These are not
RDL- associated. Offair 1259z. RDL is inaudible/inactive.

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- (30Dec03) (RGA)
 22979.1 no call: unid station 13:06 ALE/USB sounding but no sync
 ,strongsignal presumed MFA Berne using link protection
 3/jan/04 (PPA)
 23072.5 TISCOM USCG Telecommunications & InfoSysCom, VA: 1328 USB/ALE
 MIL-188-141A snd (28/Dec/2003) (KK)
 23150.3 WPC: Seawave 2008 CW id WPC (20/09/03) (AJP)
 23333.1 Honolulu Meteo: 2043 Fax w/Northern Pacific Pressure Analysis
 chart. Caught at end of transmission. 13/01 RP3
 23333.3 O/M (Canadian FF): 1739 USB w/unheard station. Informal
 conversation--how persons are feeling, marriage of a friend,
 the wx, etc. 17/01 RP3
 23337 HAW: Wideawake AFB Ascension 1200 ALE/USB Calls PLA/Lajes
 Field AZR. (10Jan04) (RGA)
 23337 ICZ: US NAS Sigonella ITA 1154 ALE/USB Sounds. HAW/Ascension
 also. (10Jan04) (RGA)
 23337 JNR: NAS Salinas PR 1306 ALE/USB Sounds with IKF/Keflavik and
 ADW/ Andrews AFB. (30Dec03) (RGA)
 23337.0 ICZ: USAF SIGONELLA 1054 ALE/SND Jan17 04 ML
 25055.0 LECAIRE F.Emb.Lecaire,EGY: 1337 USB/ALE MIL-188-141A clg
 CER41 MFA Paris, F (28/Dec/2003) (KK)
 25186.0 HFB: (Royal Signals, Hereford): 2005 USB/ALE sounding. Also
 sounding on 14814.0 06/10 RP3
 25254.9 UDK2: Murmansk R. 1153 Rtty/CW RYRY DE UDK2 (28/Dec/2003)(KK)
 25301.0 LECAIRE F.Emb. Lecaire,EGY: 1221 USB/ALE MIL-188-141A
 [TO]:ADDISABEBA F.Emb.Addis Abeba,ETH (27/Dec/2003) (KK)
 25350 J42: Prob USCG HH-60J Helicopter No 6042 1230 ALE/USB Calls
 UCG/US Customs Service Centre CAMSLANT Chesapeake VA.
 (19Dec03) (RGA)
 27870.0 E30007DAT: (E-3B AWACS # 82-0007, Offutt AFB): 1627 USB/ALE
 sounding. Also sounding on 6715.0. 06/10 RP3
 29760.8 ---: Unid 1958 FSK 81/95 ?? (17/12/03) (AJP)
 29925.0 ---: Unid 1954 FSK 84/130 ?? (17/12/03) (AJP)

ALE LIST OF FREQUENCIES

02531
 02814
 02970
 03000
 03137
 03266
 03291
 03400
 03591
 03816
 03829.5
 03875
 04271
 04410
 04415
 04478.2
 04625
 04632
 04640
 04683
 04721
 04872
 04884
 04925
 05019
 05101
 05277.5
 05464.5
 05649

05670
05673
05762
05786
06650
06694
06697
06721
06800
06820
06840
06845
07496
07508.4
07518
07527
07583
07597
07599
07612
07617
07629
07675
07703.5
07709.5
07844
07859
07868
07872
07885
07925
07930
07961
07966
07975
07992
08010
08027
08040
08050
08066
08072
08119
08125
08131
08139
08145
08200
08223
08225
08324
08334
08400
08500
08711
08734
08930
09025
09050
09052
09085
09093.6
09117
09185
09187
09209.4
09210
09237

09251
09255
09259
09268
09270
09300.5
09301
09301.5
09308
09350
10168.7
10176
10186.1
10200
10227
10238
10239
10244
10275
10295
10310.6
10320.5
10330
10390
10392
10408
10436
10438
10449
10477
10509.6
10595
10604
10720
10733.6
10825
10830
10840
10863.4
10875
10900
10995
11090
11111
11168.6
11174
11181
11208
11217
11226
11387
11404.5
11405
11407
11415
11427.5
11429
11430
11466
11470
11475
11490
11492
11500
11523
12133
12143
12144

12170
12175
12179
12210
12216
12222
12335
12489
12510
13149
13155
13215
13282
13354
13451.8
13452
13457
13490
13500
13503.6
13503.6
13552
13850
13900
14301
14360
14362
14400
14420
14422
14423
14444.6
14474
14480
14486
14540
14546
14548
14550
14556
14559
14575
14580
14812
14814
14824
14848
14853
15043
15877
15888
15900
15921
16000
16070
16080
16100
16124
16130
16210.2
16260
16267
16270
16320
16409
16476.2
16640
17290

17477
17490
17544
17925
17976
18003
18004.5
18194
18230
18277
18300
18320
18336
18350
18396
18420
18480
18556
18594
18605
18974
19188
19233
19309
19320
19340
19355
19464
19636
19945
19977
20107
20133.7
20170
20188.5
20250
20266
20330
20340
20452
20500
20550
20602
20617
20619
20624
20631
20810.6
20890
20917.5
20995
21810
21866
21867
22391
22972
23214
23337
23428
23471
23822
24100
24268
25155
25186
25301
25350

RTTY LIST OF FREQUENCIES AND CALLSIGNS

147.3 DDH47
 02381.6 PBC
 02463 IDR
 02474 PBC
 02474 PBC
 02608.4 FUU
 02608.4 FUU
 02608.5 FUU
 02608.6 FUU
 02609 FUU
 02785.4
 02785.6
 02789 FUE
 02790 FUE
 02813.9 MTI
 02813.9 MTI
 02845 PBB
 02845 PBB
 02845 PBB
 03127 ---
 03130
 03217 unid
 03238 ---
 03261.5 LOR
 03263.2 LOR
 03319 ---
 03390 MGJ
 03549.2
 03580
 03764.4 PBB
 03765 PBB
 03782 CTP
 03782.5 CTP
 04214 IDR/IGJ
 04271 CFH
 04295 FUE
 04304 6WW
 04320.7 FUF
 04505 UNID
 04530 FUE
 04555 FDG
 04570 HZN
 04570 HZN46
 04583 DDK2
 04623 ---
 04926 FUE
 05195 DRA5
 05275.4 FDI8
 05326 PBC
 05339 FUG
 05446.5 FDC
 05479 -
 05687 Unid
 05852.5 FUE
 05887.5 IMB3
 05887.5 IMB3
 06348 FUE
 06359 PBC
 06370 GYU
 06375 DLDD
 06379 CFH
 06385 FUU6
 06449.7 PWZ33

06457.7 Unid
 06491.5 LOR
 06497 Unid
 06507.1 VTP
 06751 Unid
 06783 GYA
 06783 MGJ
 06840.5 FDG
 06989.74 FDI22
 07505.2 FDG
 07508 ZSJ
 07598 ---
 07601.9 FDI8
 07646 DDH7
 07718 -
 07827.7 -
 07827.7 -
 07840 -
 08145 -
 08166 FUE
 08176.5 PBC
 08180.1 MGJ
 08192 9MR
 08298.1 VTP
 08318 67PDM
 08407
 08409 PBC
 08452.3 FUG
 08475.4 RFVIE
 08478.5 FUF
 08500 VTH
 08500.5 RBSL
 08532.4 9MR
 08549.5 CTP
 08552 9MR
 08568 RFQPME
 08586 USO2
 08625.9 GYU
 08646 FUJ
 09041 5YE
 09048.1 5YE
 09098 -
 09175 50Y
 09228
 09300
 10100.8 DDK9
 10192.5 DHJ-59
 10192.5 DRAQ
 10215 HZN48
 10246
 10536 CFH
 10580 HMF
 10863
 10945 CFH
 11039 DDH9
 11040 ---
 11109 MGJ
 12126 b1, j1, d1
 12127 ---
 12345.6 WUN20
 12520 USJE
 12560
 12561.5 UAMX
 12561.5 UDKS
 12564 V3CQ3
 12564.9
 12574 UAYP
 12664.5 FU012

12667 FX de FUG
12669 LOR
12691.5 RFVIE
12823.5 GYU
12840.5 PBC
12855.4 6WW
12877.5 UIW
12903.5 VTH1/5/7
12932.5
12932.5
12932.5
12965 USO
13030 FUF
13032 ---
13032 FUF
13042.5 RFQPME
13049 UDK2
13438 RPFN
13479 ---
13480 RPFN de RPTI
13510
13510 CFH
13537.8 ZSJ
13580 HMF
14448.5 FUG
14467.3 DDH8
14468 ---
15634 KCNA
15750 MGJ
15920 CFH
15988 DDK8
16166
16370.5 ---
16788 VV3
16799.5 V3SY
16802 UHUN
16904.9 RFQPME
16915 RFVIE
16927 UIW
16950.3 6WW
16958 FUJ
16958 RFHJE
16959.9 FUF
16986 CTP
17020 UDK2
17055.1 MGJ
17147 URL
17147 URL
17147 URL
17180 FUG
17441 5YE
18048 ZRX
18245 FUX
19209
19350
19463 ---
20277 ---
20443 UIW
20991
22443 RFQPME
22460.7 FUJ
2251.6
22537 FUF
22547.5 FUF
22603.5 UIW
22652 UDK
22860 HMF
23370.1 HZN50

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//\\// WORLDWIDE UTE NEWS Club //\\//
//\\// An Electronic Club Dealing Exclusively in Utility Stations //\\//
//\\// WUNNEWS Vol 10, Issue 2, February 2004. //\\//
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 Electronic Editor. (blmid@freeuk.com)
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>From your Electronic Editor:

* Welcome to another issue of the single largest source of utility station information and the most widely quoted utility station publication in the world...the WUN Newsletter.

Unfortunately, rather a short issue this month as two of the editors are suffering from computer problems and there is also, a distinct lack of contributions from the membership to some of the other Columns!! The Editors need your support; no contributions equals no Column! So please support them.

WHAT'S INSIDE:

- o Digital Review by Day Watson
- o Nautical News by Robert Maskill
- o Numbers & Oddities by Ary Boender & Chris Smolinski
- o WUN Logs Column by Eddie Bellerby & TEAM LOGS

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0101100010110001011000001110011000101100110110001100110011010000100011
0011100010010101001100110101100101000011011000011101100000011101100100
01001101# DIGITAL #00011110010100001101010010100011010111000000111001

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100010010111101010010001101001001010011010001101000110100011100
0111000111001110000110000111100000100101011001001010111010100011100011
001000101010110100000111000111# REVIEW #00000101110011100001101000101
0101001011000011101100010110001100110100010110000111011000101100001110
0000110100101010110101011010000100101001101001010101010100010101010001
0100101111100001000101010011000110011000011101100010# COLUMN #110001
110001101010010101001010100100100001110110000101100101001101011000

- Editor: Day Watson E-mail: jdwatson@blueyonder.co.uk
- Nickname on IRC channel #monitor DayW

Hi digi WUNners

The menu

- Met Kodiak/NOJ FAX schedule update
- Military Monitoring Argentine Navy
- Special Cyrillic RTTY encoding - some queries
- Techi Tips MIC inputs to soundcards - further observations

>>....Met.....>

::: Kodiak/NOJ FAX schedule update

USCG Kodiak transmits weather FAX on
 2054 0950-1159 1600-1748
 4298 H24
 8459 H24
 12412.5 0400-0548 2150-0018

They are reported to use all four frequencies if the transmitter resource is available.

The schedule:

Time(z)	V.T.	Product
0008	1200	Wave/Swell 96hr prog.
0018	1200	500hPa 96hr prog
0400		Test chart
0403	0000	Sfc Anal
0427	1200	Sfc prog 24hr
0437	1200	Sfc prog 48hr
0447		Coastal (Alaska) marine forecast table
0456	0000	Sea State Anal
0506	0000	GOES IR satellite image
0517	0000	500hPa Anal
0527		Symbols and contractions/Schedule
0548		Request for comments/Product notice
0950		Test chart
0953	0600	Sfc Anal
1017	0000	24hr wind/wave prog
1027	0000	Sfc prog 24hr
1037	0000	Sfc prog 48hr
1047	0000	48hr wind/wave prog
1057		5day sea ice prog/Sea ice anal
1117	0000	GOES IR satellite image
1128	0000	48hr wave/swell prog
1138	0000	48hr 500 hPa prog
1148		Sea surface temp anal
1159		Cook Inlet sea ice prog
1600		Test chart
1603	1200	Sfc Anal

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1627	0000	sfc prog 24hr
1637	0000	sfc prog 48hr
1647		Coastal (Alaska) marine forecast table
1656	0000	Sea State Anal
1706	1200	GOES IR satellite image
1717	1200	500hPa Anal
1727		Symbols and contractions/Schedule
1748		Request for comments/Product notice
2150		Test chart
2153	1800	Sfc Anal
2217	1200	24hr wind/wave prog
2227	1200	sfc prog 24hr
2237	1200	sfc prog 48hr
2247	1200	48hr wind/wave prog
2257		5day sea ice prog/Sea ice anal
2317	1200	GOES IR satellite image
2328	1200	48hr wave/swell prog
2338	1200	48hr 500 hPa prog
2348	1200	96hr sfc prog
2358	1200	96hr wind/wave prog

>>....Military.....>

::: Monitoring Argentine Navy

This item has kindly been supplied by a WUNner of anonymous persuasion.

Many of you know some of the Argentinean Navy "broadcast" stations LOR, LOF and LOV, but there is a net of low and mid powered stations which use many frequencies. Transmission is usually RT (/USB) but also in RTTY (75/170, 75/850) and Packet (300bd and 1200bd). This has been a very active net in recent months (southern summer), in which it has been/is possible to hear stations on the Argentina mainland, Antarctic bases and ships.

It is possible that these are not heard in the North Hemisphere, but you can try. Makes for a nice piece of DX.

This net uses unusual calls, simple (Spanish) words or initials to ID when comms are in RT. There is NO ID when comms are in RTTY or Packet.

Summarising these to date the IDs are taken from both calling stations and stations called. Further information is annotated where possible.

Abiotico	(Is a ship. Possible Icebreaker Alm. Irizar)
Academico	
Acapulco	
Adobe	
Alero	
Alfil	(Possible Naval Base Puerto Belgrano) (LOR)
Alianza	(Is a Ship)
Angel	(Possible Naval Base Ushuaia) (LOV)
Bachiller	
Balcon	
Banda	(Is a ship)
Barril	(Possible Antarctic Base)
Birrete	(Possible Naval Base Mar Del Plata)
Cabildo	(Possible Naval Base Buenos Aires) (LOL)
Cacao	
Conde	
Consola	
Consortio	
Coral	(Is a ship)
Decano	
Enigma	
Entrepiso	

Estaño
 Galope
 Gaucho
 J25 (Possible Antarctic Base Jubany)
 Magico
 Nacareno (Possible Antarctic Base)
 Nitrato
 Nogal
 Palmero
 Pantera
 Pendulo
 Pluma
 Q5 (Is Icebreaker Alm. Irizar)
 TB1 (TB1 - TB7 are used when family pp (phone patches) are being
 TB2 handled)
 TB3
 TB4
 TB5
 TB7

Now for the frequencies in use where traffic heard at least once:

3122.7	LOF
3174.0	LOR
3176.0	"Birrete"
3242.0	"Alfil"
3260.2	LOR
3345.2	LOR and LOF
4225.5	LOR
4441.9	LOF
5188.5	"Angel"
6230.0	LOL (Cabildo?)
6491.5	LOR
6697.5	"Cobre"
6702.0	"Birrete" and "Palmero"
6771.5	"Alero"
6790.0	"Angel" and "Birrete" *
6792.0	"Birrete" and "Enigma"
7399.9	LOF
8031.5	TB1
8108.5	"Alfil" and "Angel"
8110.0	Unid stn sending 5LG
8192.6	LOBD "ARA Murature patrol ship"
8194.0	Unid stn sending 5LG
8303.0	LOR
8319.7	LOR
8507.5	"Birrete" and "Consortio"
8980.0	"Abiotico" and "Angel"
9023.0	"Barril" and "Nacareno"
11195.0	Unid stn family pp
11206.0	LOV
11208.2	LOCS "ARA Suboficial Castillo" ship
12465.9	LOR
12469.5	LOV
12668.2	LOR
14355.6	TB1 and TB7
14463.5	Q5, TB1, TB2, TB3 and J25
14465.0	TB4 calling Q5 (YL op)
14466.5	TB1, TB5 and TB7
14651.5	LOR
14694.0	Unid stn family pp
14963.3	LOR
15056.0	LOR
18240.0	Unid stn family pp
18313.0	Unid stn family pp

* 6790(M3) seems to be an unofficial frequency used by Ops for informal chat. At the same time they qsy a few kHz up or

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down, and may change USB or LSB. Also heard RTTY but infrequently.

The Argentinean Navy refers to frequencies by the following channel codes:

AB04D = 8194.0?
AB04F
AB04G = 15056.0
AB04H
AB04I
AB04J = 9023.0
AB04K = 11206.0
AB05C
AB08B = 6771.5
AC01G
AC04A
AC04B
AC04D
AC04F
AC05A
AC07C = 8705.0
AC08C = 8108.5
AC08D
AC08D
AC08I = 8110.0
DF02C
M1
M3 = 6790.0

Channel protocol /traffic example:

First they test the channel conditions in order to establish a connection. If OK they stay in the same one; if not they try another channel.

For example:
"go to AC08C"

Having established the connection they sent traffic in RT in the same channel, or they indicate the channel where the traffic will be transmitted (usually in RTTY or Packet)

For example
"Receive my traffic on AB04G"

Then they return to the original channel to confirm the reception. The messages are usually repeated several times. Messages are all 5LG or a GRID like this:

4525258423614758.....25421325689541245
4525685521254522.....4478645567/986454
5558211658544228.....77634166844513885
etc.

Finally some digi message samples. Multiple line spacing has been removed to conserve space.

Note: 052 or 013A aren't stn calls.

(A) copied 08/02/04 RTTY 75/850 inverted on 8108.5

VZCZC
PP
DE 052 0381100
ZNY RRRRR/CCCCC

WUN-v10

BT
ZSYNZ AEIAE IAEIG MCQHL LFAGK MCQHL LFAGK MCQHL LFAGK ABOJE
IOCD0 EEIHB BNGLJ HEEBE AJGNN LAFHH ADFJG FABDI FEDHD PMDNJ
NMAGP MDHBG EGLHN DCGFC CNHFJ CIJGG KLPHE JBPMC PPCOG IHNIN
KALBF DLJGN ADIOD ZENDZ
BT

(B) Copied 09/02/04 RTTY 75/170 Normal on 8110.0

VZCZC
PP
DE 013A 0381038
ZNY CCCCC/CCCCC
BT
ZSYNZ AQUAQ UAQUG RNQUN YIPPL RNQUN YIPPL RNQUN YIPPL OALPG
IAMMN BMOHA DALKO JJMGE PPDCN IFGIJ IOPCK BCDOP POBNK IANAL
NBNEC FJHMO MOLKO CAIAB GMAAO DAGHC NPBIK NFIEA CKOOA FJDJA
KHBHP LHIFE GHAFE OFECA PECIH PPMCM DLIMO BMJGO LCANE HAMMG
BGJIO BMMFL IBHLF IDLDENS HLBC FAPFC
MFBGC CFHBL MENKG POKEN NLDIF GHNDH MDJGP MICDP GCAGB BFDMJ
HBJOJ KLKAB KCEHD ENLDO PFJKD GEHJI OPGLK ZENDZ
BT

(C) Copied 10/02/04 Packet 300bd on 9025.2

-11>-8>REJ1,?
-4>-1>I10,?,31 (300 baud):
19 000000 814813812811812814808810813817818818819820819819819817816#,#)
#,#)0219 000010 816816814812812810808811817818800E2

-12/-8>-8>I10,?,38 (300 baud):
13817820820816811817824827829829827#,#)#,#)0519 000040
817821820817810804808814816817819818814818825829829829829774

-1>-11>REJ1,?
-8>-12>I13,?,38 (300 baud):
14811809810810809#,#)#,#)0819 000070
817821821816807801806814816816814811807800794787786790793#,#)#,#)0919
000080 80686006

\$#,-4/-11>-9>UNKN,?
-11>-8>REJ1,?
-12>-11>I13,?,37 (300 baud):
96797798799800802802803804806807#,#)#,#)9801 000140 809#,#)#,#)555 07009
10101#,#)#,#)777#,#)#,#)NNNN#,#)#,#)VZCZC#,#)FB13

-4>-1>I10,?,31 (300 baud):
19 000000 814813812811812814808810813817818818819820819819819817816#,#)
#,#)0219 000010 816816814812812810808811817818800E2

Many thanks, ANON, for the contribution.

>>....Special.....>

::: Cyrillic RTTY encoding - some queries

"I've been on a low-intensity quest for a while" emails a correspondent
"to mentally decipher some of the cyrillic asynchronous encodings, and
after scouring the web I've ended up with more questions than answers.
So, I thought I'd throw them out to you experts and see if you all would
be so kind to answer any of them that you can...

1. Where do the designations "M2" and "M19" originate for the all-

cyrillic and third-shift cyrillic 5 bit encodings, respectively? Is M2 still in use?

2. Is "M19" the same as the ITA-2/CCITT-2/MTK-2 standard? The seeming latest national definition of the ITA2 standard in Russia was issued by the USSR as GOST-15607-84, and Council for Economic Cooperation standard SEV-5123-85 (the Warsaw pact ISO), for what it's worth. Also, MTK-2 is still apparently used by the Russian/CIS national telegraph network and its AT-50 terminals, being the wired analog to the maritime mobile 50 baud circuits that are also still in common use. My Hoka isn't working currently (XP machine here now) but I vaguely recall having to select M19 to display the AT-50 traffic in cyrillic.

3. Does anyone have the character assignment table for the M2 system? Is it the same as M19 minus the third shift, or totally different?

4. There was evidently a "TASS Cyrillic" encoding, presumably obsolete now since ITAR-TASS no longer operates a RTTY press service. How did this differ from the other two 5-element codes?

5. I've been attempting to confirm that ITA-5/CCITT-5/MTK-5 cyrillic is the same as the computer-arena "KOI7" 7-bit encoding. KOI7 was used in 7-bit email/etc systems up until fairly recently, and has been superceded by KOI8R 8-bit. KOI7 was defined in GOST-27463-87, SEV-356-86, and ISO-5427. Plenty of info is available on the net about KOI7 but not MTK-5. I've seen vague allusions to KOI7 and MTK-5 being the same encoding, but nothing definite. Today I found a reference to a GOST-25182-88 for a "7-element asynchronous code telegraphic letter-printing apparatus" but haven't obtained a copy yet; the title is identical to the 15607 standard which defines the 5-bit code, so I'm hopeful that may answer the question.

Any insights would be appreciated. Tnx."

Thanks to ANON for the above. AnyWUN able to answer these queries in part or in full? All contributions welcome.

>>....Techi Tips.....>

::: MIC inputs to soundcards - further observations

Further the item last month on this subject Klaus Betke has added to the knowledge pool saying that "on a couple of computers, I found this:

1. Mic input is always mono, though "stereo" socket.
2. "Tip" (of the stereo plug) is the signal line.
3. "Ring" (of the stereo plug) is +5V from the computer through a resistor. I have measured values from 2.2 kohms to 15 kohms. This is the supply for the usual electrete microphones.

Hence a signal from the radio should be connected to tip, that is, the inner or "left channel" conductor. The other one should be left open (however, accidentally shortening it by connecting the mic input to a mono output socket by using a common stereo cable will not cause trouble, since the input resistance of this 5V source is several kohms (see above)."

Many thanks Klaus

>>....Signoff.....>

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Edited by Bill Lawrie
Electronic Editor. (blmid@freeuk.com)
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Check out the WUN web site at: <http://www.wunclub.com>
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>From your Electronic Editor:

* Welcome to another issue of the single largest source of utility station information and the most widely quoted utility station publication in the world...the WUN Newsletter.

WHAT'S INSIDE:

- o Membership News and CDROM update by Ary Boender
- o Digital Review by Day Watson
- o Military/Government Channel Designator List by Larry van Horn
- o Nautical News by Robert Maskill
- o Numbers & Oddities by Ary Boender & Chris Smolinski
- o Products & Books Reviews by Bob Margolis
- o Utility Round-up by Ary Boender
- o WUN Logs Column by Eddie Bellerby & TEAM LOGS

=====
Everyone,

Just wanted to take a few minutes to provide you with an update from your CDROM Team.

For starters, the HTML interface is complete and ready to be "fleshed out". We are using HTML for the interface as it is virtually universal. It will be a simple, low-overhead, wide-compatibility interface that should work equally well with any browser. We looked at JavaScript, ActiveX and a bunch of other options, but simple HTML is the simplest (and best) interface available.

Additionally, we have the majority of the text files edited, thanks to the assistance of a few members of WUN. Either through their

contributions in effort or files, the text files are virtually ready to go.

So, what do we need? Here is a brief listing.

- 1) Any audio or image files that you think might be of interest to the members of wun; feel free to send in to me (or place on the web for download). We have a bunch of contributions already, but more are always welcomed. Fax charts, photos of your favorite antenna field or coast station, scanned QSL cards, a .wav or .mp3 of your favorite maritime broadcast or voice mirror, or any other type of file are welcomed!
- 2) URLs, URLs, URLs! We are assembling a complete list of radio-related websites, and we need your help. Send us a list of your favorite websites, and let us compile them into a list. Please send any contributions to Eric at gerl@adelphia.net. Some of the areas that we are looking for are:
 - Government Sites (run by official Government org's)
 - Military Sites (official military sites)
 - Databases and On-Line References (where one would go to find or search info)
 - Personal Web Pages (sites run by individuals)
 - Digital Sites (focused on digital signals)
 - Maritime Sites (maritime related)
 - Aero Sites (Aviation related)
 - Satellite Sites (satellite sites)
 - Clandestines (number stations and clandestine sites)
 - Hardware (radio companies and other sites that sell equipment)
 - Publications (MT, PopComm and any other radio-related magazine or book)
 - Software (links to freeware or shareware)
 - Communications Companies (Globe wireless, and other official station/company websites (like ZBM: Bermuda Radio's website)

Eric asks that if you send some URLs, that you try to classify them yourself into a category (not limited to the above categories), but if you can't, just send him your favorite sites and he'll catalog them to the best of his ability.

That's all for now. We are still looking at an early summer release for the CD ROM...we'll provide more detail as the project comes together.

Thanks to all that have contributed to date, and for those that will continue to support this worthwhile project. The proceeds from this CDROM go to pay for the WUN website and to help support QSL.Net for our mail server. This is your project, so make it a good one!

Dave (davidwright@mybluelight.com)

-0-0-0-0-0-0-0-0-0-0-

Good to hear that the project is up and running again. Please, send Dave all the info that you want to share with your fellow dxers.

We have currently 1395 members on the mailing list from well over 30 countries and a couple of thousand of people who download the newsletter each month. The website is very popular too. To give you an idea; from June-October 2003 we were averaging about 25000 hits on the site per month. Since that time, the average is now closer to 33000 hits per month, a 30% increase. Not bad huh?

Jason has added a monthly survey to our website which reveals some interesting facts. So, what did we ask and what did you answer?

- 1) Are you a member of the WUN mailing list?
Total Responses - 66 100%

Yes - 38 57.58%
No - 28 42.42%

2) What type of traffic do you prefer to monitor?

Total Responses - 127 100%
Commercial Aeronautical - 27 21.26%
Military / Government - 53 41.73%
Maritime - 29 22.83%
Spy / Numbers - 13 10.24%
Other - 5 3.94%

3) What part of the world do you listen from?

Total Responses - 143 100%
North America - 50 34.97%
South America - 3 2.10%
Europe - 70 48.95%
Africa - 0 0.00%
Middle East - 4 2.80%
Asia - 6 4.20%
Australia/Pacific - 10 6.99%

4) How long have you been listening to shortwave utilities?

Total Responses - 96 100%
< 5 years - 17 17.71%
5-15 years - 20 20.83%
16-30 years - 27 28.13%
> 30 years - 32 33.33%

Ok, that is all for now.

Till next time,

Ary Boender
WUN President

0101100010110001011000001110011000101100110110001100110011010000100011
0011100010010101001100110101100101000011011000011101100000011101100100
01001101# DIGITAL #00011110010100001101010010100011010111000000111001
100010010111101010010001101001001010011010001101000110100011010011100
0111000111001110000110000111100000100101011001001010111010100011100011
001000101010110100000111000111# REVIEW #00000101110011100001101000101
0101001011000011101100010110001100110100010110000111011000101100001110
00001101001010101101010110100001001010011010010101010100010101010001
01001011111000010001010100110011000011101100010# COLUMN #110001
110001101010010101001010100100100001110110000101100101001101011000

- Editor: Day Watson E-mail: jdwatson@blueyonder.co.uk
- Nickname on IRC channel #monitor DayW

Hi digi WUNners

The menu
Diplo Indian Diplo reviewed
Met Fukushima Fisheries FAX
Special End of the line - Universal M8000

>>....Diplo.....>

::: Indian Diplo reviewed

Thanks go to Murray Lehman in W Australia for this info. He summarises by saying that "Not much seems to have changed since Ary's December '96 article [[WUNners are refered to the Newsletter archives - DayW] and have based these notes/obs on it".

quote:

Indian Diplo update

- a) web site: <http://meaindia.nic.in/>
- b) messages from High Commissions are headed "FROM HICOMIND"
- c) their use of FEC-A 3 channel VFT 96 bd probably now discontinued,
 - previously copied on the New Delhi to Tehran and Dhaka links,
 - the New Delhi call-up tape to Tehran, on 16414 at 0730 8th March 04, was in RTTY 50/170
 - the New Delhi/Dhaka link in this mode, on 10477 at 1030, has not been copied for some years
- d) new frequencies copied:
 - New Delhi 16418 to Yangon
 - Colombo 14430
 - Kabul 12101
 - Thimphu 11156.7
- e) call signs:
 - 8WD9 is New Delhi to Dhaka
 - 8WD7 is used by New Delhi when working Tehran
 - 8WA6 is Dakha
 - following the practice of using A to designate Embassies/High Commissions to the east of New Delhi, 38 Male probably becomes 8WA38 and 20 New Delhi probably 8WD20 but only 20 and 38 have been seen in traffic

unquote.

>>....Met.....>

::: Fukushima Fisheries FAX

Murray Lehman in Perth, W Australia, passed on the following notes in respect of an UNID FAX on 8657.5

- " - an unid station, on 8657.5 at 1000 (approx) using 90/576, carries a surface prognosis chart centred on Japan
 - poor copy but several prints showed the chart as being in the same format, including the JMH id, as the FSAS24 surface pressure chart transmitted from JMH Tokyo Meteo at 0548 using 120/576
 - the chart has two additional panels, top and bottom in Japanese, to the one from JMH (which uses all annotations in English), with the top panel

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having figures representing the month and date and
0900 meaning unknown

- station is off-air before and after transmission
- strength is approx half that from JMH on 7305 and 9970, and with considerable QRM
- appears to be a special purpose transmission from but JMH or other station? "

This was passed to Dave in the Far East who in turn reported "I copied a chart on this station at 0630z today (20-March). It is definitely a fisheries chart, showing water temps and currents (presumed) along the E. Coast of Japan. I'm working on a complete translation and trying to find an accurate ident." He advises the frequency is actually 8658 kHz and that he's since seen transmissions during the period 0400-1100.

In turn the information went from Dave to Tomonori Izumi from Japan, via Ary Boender. His feedback clinched the ID giving the following information:

"This information is offered by Fisheries Examination Center of Ibaraki Prefecture. The fax is transmitted from a fisheries service in Fukushima Prefecture.

The data of Fukushima Fisheries Service is here:

Call sign: JFW

Called: Iwaki Gyokyou

Power: 500w

Name: transmitter site, Fukushima Fisheries Examination Center

Address: Karimata 82, Aza, Shimokamishiro, Onahama, Iwaki-city,
Fukushima pref., #970-0316, JAPAN"

Dave summarises nicely saying "Note the power: 500w! If it was copied down Australia way, that is pretty good coverage for such a low power."

A nice bit of DX for Murray and an equally nice bit of teamwork by (and thanks to) all concerned.

>>....Special.....>

::: End of the line - Universal M8000

Thanks to Chuck Yarbrough for passing on the following in respect of that popular and mainstay decoder of many a digi UTE monitor - the M8000.

He reports that he's been in conversation with Fred Osterman at Universal Radio in Reynoldsburg, Ohio USA who says that they will no longer be selling the Universal M8000 v 7.5 (civilian/US Domestic) RTTY decoder. They are selling their existing stock and don't plan any future production runs of the device. Fred said that they have sold their existing stock of v7.5 and only have one v7.0 (Government/Export) unit left on the shelf for sale. Once that one is gone there won't be any more M8000s.

Fred also said that there MAY be a possibility of one more run, based on whether a US Government Agency orders 17 more v7.0 or not. Right now that doesn't look like it is going to happen. If they do get that contract then Universal may order up to 3 more units that could be configured with either v7.0 or v7.5, but as he said, "Don't hold your breath".

According to Fred sales of the v7.5 have pretty much dried up over the last few years. There is a 'steady' business in the v7.0 units to US Government Agencies, but even that has slowed. Looks like there is one less option for RTTY'ers to choose from now. Of course, the M8000 is also

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pretty long in the tooth, so most people probably won't be too upset!

>>....Signoff.....>

Good listening thru the month. Regards Day

Government and Military Monitoring
By Larry Van Horn, N5FPW
Brasstown, NC

Welcome to the April 2004 WUN Military/Goverment column. Sorry for missing last months column. It's a long story I won't repeat here. Not a lot of newsy material this month and in keeping with my basic plans for the column, this month I will present a large list of all the frequencies reported in this column (Nov 2003-Feb 2004). I have also thrown in a few extra freqs into the list that did not appear in those months. So without further ado, let's get to work.

+++++

USSTRATCOM Listings

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US Strategic Command (USSTRATCOM) tactical calls and frequencies. Here is a list of some of the USSTRATCOM tactical callwords and frequencies monitored this past month by Jeff Haverlah and the gang.

Callwords: Aluminum (GEP Alias), Angry Man (EAM), Art Show (EAM), Back Page (EAM), Baseline (EAM), Ben Hogan (EAM), Broad Beam (EAM), Carpenter (EAM), Emphasis (EAM/AKAC 3-6-9), Home Team (EAM), Important (EAM), Leverage (EAM), Material (GEP Alias), Paragon (EAM), Pull Over (EAM), Puncture, Rare Bird (EAM), Relation (EAM), Roll Home (EAM), Royal Ark, Ruby Red (EAM), Shin Bone (EAM), Stockade, Two Timer (EAM)

Frequencies: 6697.0 8992.0 11175.0 11244.0 13155.0

Of special note:

Chalice Hotel (AWACS) c1g Pig Iron (11175)
Chalice Hotel (AWACS) c1g Fortunate (11244)

COTHEN Monitoring Project

=====

The COTHEN (Customs Over the Horizon Enforcement Net) HF radio system has replaced the older JTF designated systems. Customs uses the FED-STD-1045 ALE standard on these frequencies:

- 5732.0 Scan 1
- 7527.0 Scan 2
- 8912.0 Scan 3
- 10242.0 Scan 4
- 11494.0 Scan 5
- 13907.0 Scan 6
- 15867.0 Scan 7
- 18594.0 Scan 8
- 20890.0 Scan 9
- 23214.0 Scan 10
- 25350.0 Scan 11

Those of you who monitor COTHEN traffic on a regular basis (especially
Pagina 111

ALE) are invited to submit material here for a long term monitoring project. Our first installment comes from Davis Coughanour in Wickenburg, AZ. COTHEN ALE addresses monitored: 712, A18, A99, CS1, CS2, CS3, CS4, CS6, CS7, CS9, D31, D44, D49, F29, F35, F40, I34, I63, I75, I76, I86, J11, J23, J24, J28, J35, JOE, LAB, M49, MV5, OPB, PR1, T03, TST, UCG Jim RGA also reported F40 and Kristian K reported 707.

 Military Logs

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18.1 Russian Military RDL-Arkhangelsk VLF site 36-50/50/65
 82.8 UK Royal Air Force MKL-Crimond RAF 2 Group MATELO broadcast
 NATO-75 100/75
 2226.0 UK Coast Guard Aberdeen, Scotland/Humber USB MIB
 2230.5 US Navy Voice Coordination Net Bravo Charlie/Juliet/Papa USB
 2250.0 Danish Air Force Vedbaek HQ/OWI-Aalborg/OWD-Vaerloese USB/ALE
 2252.0 US Navy FACSFAC Virginia Capes, VA USB
 2270.2 Italian Navy IDR-Rome USB MRL NAVSOUTH
 2272.5 Italy ? IGY-? USB MRL
 2274.5 Italian Navy IGY-?/IGJ-Augusta USB MRL
 2285.5 Italian Navy IDR-Rome USB MRL NAVSOUTH
 2351.0 Danish Air Force Aalborg USB/ALE
 2362.0 Czech Republic Military CW
 2461.5 Irish Navy SITOR-A
 2463.1 Italian Navy IGJ41/IGJ42-Augusta and IDR3-Rome, RTTY 850/75, CARB
 broadcast/channel availability marker
 2474.0 Dutch Navy PBC-Goree Island RTTY 850/75
 2531.0 Danish Air Force OWD-Vaerloese/OWE-FTK Karup/OWF-Skrydstrup/OWI-
 Aalborg/OWK-Vedbaek/OWP USB/ALE
 2598.0 Ukrainian Military CW
 2608.0 French Navy FOU-Toulon RTTY 850/75
 2617.0 UK Royal Navy GYA-Northwood FAX 120/576
 2670.0 US Coast Guard NMN80-Group Hampton Roads, VA/NMN70-Group Eastern
 Shore, Chincoteague, VA USB
 2710.0 Lithuanian Military USB/ALE
 2749.0 Canadian Coast Guard Stephenville USB MIB transmission
 2800.0 Israeli Navy 4XZ-Haifa, Israel CW
 2815.0 NATO Ship-to-shore KG-84 850/75
 3050.0 US Navy Voice Coordination Net Bravo Foxtrot/India USB
 3131.0 Italian Navy IDR-Rome USB MARPAT NAVSOUTH
 3137.0 US Air Force HF-GCS ALE Net USB/ALE ADW-Andrews AFB/JDG-Diego
 Garcia/CRO-Croughton AB/IKF-Keflavik/PLA-Lajes AB/ICZ-NAS Sigonella
 3146.0 Italian Navy IDR-Rome USB MARPAT ARCN321 NAVSOUTH
 3157.9 French Air Force FDI8-Nice, France RTTY 400/50R
 3166.0 Russian Military 81-81 250/81
 3175.5 Argentine Navy LOR-Puerto Belgrano RTTY 170/75
 3207.0 Russian Military CW
 3211.0 Russian Military CW
 3217.0 Russian Military //3393.0 CW
 3261.0 Russian Military N1WA/V8CS/PSBY Strategic Flash CW messages
 3265.0 US Navy USS George Washington battle group link coordination net
 (GF net) USB
 3270.0 Lithuanian Military USB/ALE
 3291.0 Danish Air Force Aalborg USB/ALE
 3291.0 Danish Air Force OWK-HQ Vedbaek/OWF-Skrydstrup/OWE-Karup USB/ALE
 3383.0 Dutch Navy PBC-Goree Island RTTY 850/75
 3390.0 UK Royal Navy MGJ-Faslane RTTY 850/75
 3393.0 Russian Military //3217.0 CW
 3480.0 Russian Military 81-81 520/40.5
 3764.5 Dutch Navy PBB-Den Helder RTTY 850/75
 3782.0 NATO CTP-Oeiras Palhais, Portugal RTTY 850/75
 3824.0 UK Military HFB-Probable Hereford USB/ALE
 3826.0 Russian Military 5UOD/YPM1/6ANS/GCOG/IVVE/K3D7/AL8A CW
 3827.0 Italian Navy IGJ-Augusta USB MRL
 3848.0 Russian Military ZLCH CW
 3866.0 Russian Military 8NKB CW
 4014.0 South African Navy ZRH-Silvermine FAX 120/576

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South African Navy ZSJ-Silvermine FAX 120/576

4032.7 South African Navy ZSJ-Silvermine MFSK32 54.5bd
4042.0 French Air Force FDG-Bordeaux, France RTTY/50
4154.0 Spanish Military Navy RTTY 850/100
4168.5 Italian Navy IGJ-Augusta USB MRL
4179.0 Russian Air Force REA4-HQ Moscow CW
4194.5 Russian Military 81-81 250/81
4212.5 French Air Force FDI8-Nice, France CW
4213.7 Italian Navy IGJ42/IGJ44-Augusta and IDR2/IDR4-Rome, RTTY 850/75,
CARB broadcast/channel availability marker
4223.5 Papa Charlie/Kilo USB
4232.0 French Navy FUF-Fort de France, Martinique RTTY 850/75
4235.0 US Coast Guard NMF-Boston, MA FAX 120/576
4241.0 Israeli Navy 4XZ-Haifa, Israel CW
4270.7 Canadian Forces CFH-Halifax, NS RTTY 850/75 and FAX 120/576
4271.0 Brazilian Navy PWX-Rio de Janeiro RTTY 850/200
4316.0 US Coast Guard NMG-New Orleans, LA FAX 120/576
4331.0 Israeli Navy 4XZ-Haifa, Israel CW
4426.0 US Coast Guard NMN-CAMSLANT Chesapeake, VA USB
4438.5 Italian Navy ICS-La Spezia USB MRL
4449.9 French Air Force FDI8-Nice, France cw marker
4469.0 Civil Air Patrol Net USB
4474.0 Italian Navy ICT-Taranto +IHCH, USB and STANAG 4285 Modem, MRL

NAVSOUTH
4515.0 USSTRATCOM EAM traffic USB
4521.0 Russian Air Force REA4-HQ Moscow CW
4530.0 Italian Navy IBO-?, USB, Operations
4585.0 Civil Air Patrol Net USB

NC CAP station-NCS net check-ins Kitty Hawk 302, 356, 344, 422, and
463.
4596.0 French Air Force FDC-Metz, France CW
4604.0 Civil Air Patrol Net (USB)
4670.0 US Air Force 86OPS-Ramstein, Germany 86th Airlift wing USB/ALE
4718.0 Scotland Kinloss Rescue-Air Rescue Coordination Center Kinloss,
Scotland USB
4721.0 Italian Navy IDR-Rome + trigraphs USB MARPAT ARCN323/NAVSOUTH
4721.0 US Air Force HF-GCS ALE Net USB/ALE
4730.0 US Coast Guard TISCOM Net USB/ALE
4745.0 Italian Navy IGJ-Augusta USB MRL
4848.0 USSTRATCOM EAM traffic USB
4924.5 National Guard USB/ALE and US Army Aviation Net T1Z159-1/159 Av
Bn Simmons AAF, Fort Bragg, NC USB/ALE
5006.0 Civil Air Patrol (CAP) Tech Net USB/ALE
5092.0 French Air Force FDI8-Nice, France RTTY 85/50R
5097.5 Canadian Forces CFH-Halifax, NS NAWS broadcast RTTY 850/75
5159.0 Israeli Navy 4XZ-Haifa, Israel CW
5214.5 French Air Force FDG-Bordeaux, France RTTY 50 baud
5254.0 Irish Navy CODAN PSK <F7>
5270.0 NATO JMC Exercise Frequency USB
5330.0 Italian Navy IDR-Rome USB MRL NAVSOUTH
5367.0 French Air Force FDI8-Nice, France RTTY 85/50
5376.0 Russian Military CW
5406.0 Venezuelan Army Region 5 USB/ALE
5418.0 Israeli AF USB/ALE
5438.0 Russian Military 36-50 200/50
5446.5 French Air Force FDC-Metz, France RTTY/50
5680.0 Scotland Kinloss Rescue-Air Rescue Coordination Center Kinloss,
Scotland USB
5687.0 German Air Force DHM91-Munster USB
5696.0 US Coast Guard Air-to-Ground, CAMSLANT Chesapeake/NMN37-Group
Fort Macon USB
5702.0 UK Royal Air Force Architest USB, French Navy FWV-Nimes USB
US Air Force SIPRNet PLASPR-Lajes AB, Azores USB/ALE
5708.0 US Air Force HF-GCS ALE Net USB/ALE
US Navy ICZ-NAS Sigonella, Italy/US Navy JNR-Salinas, Puerto Rico
5717.0 Canadian Forces Halifax (SAR Net) USB
5732.0 US Coast Guard CAMSPAC Point Reyes, CA USB
5787.0 Venezuelan Army Region 3 USB/ALE

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5872.0 Russian Air Defense Network CW
 5916.0 Russian Navy RCV-Moscow CW
 6205.5 Italian Navy IDR-Rome USB MRL NAVSOUTH
 6249.5 US Navy USS George Washington battle group link coordination net
 (GW wkg GB) USB
 6348.0 French Navy HWN-Paris, France ITA2/150/UOS encrypted
 French Navy FUE-Brest, France ITA150
 6362.1 UK Royal Navy MGJ-Faslane RTTY 340/75
 6418.0 Indian Navy VTP5-Vishakhapatnam CW
 6433.0 Italian Navy IDR-Rome USB MRL NAVSOUTH
 6449.0 Brazilian Navy PWZ33-Rio RTTY 850/75
 6449.7 Brazilian Navy PWZ33-Rio de Janeiro RTTY 850/75
 6457.7 Canadian Forces CFH-Haliac RTTY 850/75
 6488.0 Russian Military CW
 6491.5 Argentine Navy LOR-Puerto Belgrano 170/75
 6496.0 Canadian Forces CFH-Haliac RTTY 850/75
 6501.0 US Coast Guard NMN-CAMSLANT Chesapeake, VA USB
 6650.0 US Air Force 860PS-Ramstein, Germany 86th Airlift wing USB/ALE
 6688.0 Italian Navy IDR-Rome USB MARPAT NAVSOUTH
 6693.0 Italian Navy ICM-Sigonella USB MARPAT/AS364A NAVSOUTH
 6694.0 UK Royal Air Force Neatishead USB
 6697.0 USSTRATCOM EAM traffic USB
 6703.0 Italian Navy ICM-Sigonella USB MARPAT/ARCN332 NAVSOUTH
 6708.0 Italian Navy IDR-Rome USB MARPAT NAVSOUTH
 6712.0 French Air Force Circus Vert-Villacoublay, France USB
 6715.0 US Air Force SIPRNet JNRSPR-Salinas, Puerto Rico, HAWSPR-
 Ascension Island, ICZSPR-Sigonella, PLASPR-Lajes, Azores USB/ALE
 6721.0 US Air Force HF-GCS ALE Net USB/ALE MPA-Mt. Pleasant, Falklands
 6730.0 German Navy DHJ59-wilhelmshaven, Germany USB
 6733.0 Italian ?? IGY-?? USB UNCLASS
 6733.0 Italian Navy IDR-Rome USB MARPAT/ARCN323 NAVSOUTH
 6752.0 Italian Navy ICM-Sigonella USB MARPAT/ARCN303 NAVSOUTH
 6753.0 Canadian Forces MACS Volmet Trenton USB
 6755.0 Italian Navy ICM-Sigonella USB MARPAT/ARCN331 NAVSOUTH
 6760.0 Italian Navy IDR-Rome USB MARPAT NAVSOUTH
 6761.0 US Air Force HF refueling frequency USB
 6779.0 German Navy DHJ59-wilhelmshaven USB
 Russian Military TCY2 CW
 6783.0 UK Royal Navy MGJ-Faslane RTTY 370/75
 UK Royal Navy GYA-Northwood RTTY 850/75
 6788.0 Italian Air Force IGN-Rome? USB Tactical paired with 10280.0
 (Kosovo Relief Ops)
 6806.0 Civil Air Patrol (CAP) Tech Net USB/ALE
 6833.0 USSTRATCOM EAM traffic USB
 6834.0 UK Royal Navy GYA-Northwood FAX 120/576
 6840.0 Israeli Air Force USB/ALE
 6867.0 Venezuelan Air Defense Net USB/ALE
 6869.0 French Air Force Veilleur-Taverny working AWACS aircraft
 USB/Secure voice
 6873.5 Italian Navy ICS-La Spezia USB MRL NAVSOUTH
 6880.0 Italian Navy IDR-Rome USB MARPAT NAVSOUTH
 6911.5 US Army/National Guard EAATS-Eastern Army Aviation Training Site,
 Muir AAF, Ft Indiantown Gap PA. PKBNG-NG Bureau, Parkersburg WVA
 USB/ALE
 6978.0 Russian Air Force REA4-HQ Moscow CW
 6985.0 US Army Corps of Engineers USB/ALE
 7018.0 Russian Air Force REA4-HQ Moscow CW
 7342.0 Polish Military Forces Mil-188-141A USB/ALE
 7361.5 US Army Aviation Net T1Z159-1/159 Av Bn Simmons AAF, Fort Bragg,
 NC USB/ALE
 7448.5 US Army Corps of Engineers USB/ALE
 7501.0 USSTRATCOM EAM traffic USB
 7508.0 South African Navy ZSJ-Silvermine RTTY 170/75
 7510.0 US Army Corps of Engineers USB/ALE
 7512.0 Russian Military 2IAK/4VKC CW
 7535.0 US Navy Norfolk, VA SESEF USB
 7597.0 Venezuelan Army Region 2, 2MA6-Unidentified unit/ SCLC224-224th
 Field Artillery Group USB/ALE

7600.0 Canadian Forces USB/ALE
 7602.0 Civil Air Patrol (CAP) Tech Net USB/ALE
 Brazilian Navy USB/ALE
 7617.0 Mexican Army USB/ALE
 7630.0 Israeli Air Force AAA/664 USB/ALE
 7650.0 National Guard TLZ137-1/137th Avn Bn, OHNG Canton OH USB/ALE
 7728.0 Polish Military USB/ALE
 7780.0 Israeli Air Force USB/ALE
 7810.0 Venezuelan Air Defense Net USB/ALE
 7850.0 French Air Force FDI8-Nice, France CW
 7859.0 French Air Force FDY-Orleans, France RTTY 50 baud
 7866.0 Russian Military MS-5/4800/DPSK/USB
 7925.0 US Air Force 860PS-Ramstein, Germany 86th Airlift Wing USB/ALE
 7945.7 Marine Dipermil RFFIC-Paris ARQ-E3 192/400 A
 7992.3 US Navy MARS PACTOR-1
 8002.0 Russian Military MS-5/4800/DPSK/USB Cipher QSX 8174.0
 8012.0 Civil Air Patrol (CAP) Tech Net USB/ALE
 8020.0 USSTRATCOM EAM traffic USB
 8031.0 Brazilian Navy USB/ALE
 8040.0 UK Royal Navy GYA-Northwood FAX 120/576
 8042.0 Chinese Military NH8T CW
 8047.0 National Guard ANNGB-unidentified-Ann Arbor MI?? to HQ1NGB-
 Headquarters, Crystal City VA USB/ALE
 8056.0 US Army USB/ALE 812363-101st Abn Div heloto CLS-101st Abn Div, Ft
 Campbell KY. 812189-160 SOAR helo to GRB-Ghost Rider Base, Ft
 Rucker AL USB/ALE
 8057.0 Polish Military USB/ALE
 8084.0 Mexican Army USB/ALE
 8100.0 Israeli Air Force USB/ALE
 8101.0 Israeli Navy 4XZ-Haifa, Israel CW (Also spotted on 8103.0)
 8124.0 Venezuelan Air Defense Net USB/ALE
 8150.8 Italian Navy IGJ41/IGJ42-Augusta and IDR3-Rome RTTY 850/100 CARB
 broadcast/channel availability marker
 8161.5 US Army OPS171-1/171st Avn Bn, GANG, Dobbins GA USB/ALE
 8187.0 Venezuelan Army 8187.0 Region 1/2, CRC1-Regional Cmd Center/
 CRC2-Regional Cmd Center/ 2MA6-Unidentified unit/ SCLC224-224th Field
 Artillery Group USB/ALE
 8191.7 Malaysian Navy 9MR-Johor Baharu RTTY 850/50
 8192.0 Malaysian Navy 9MR-Johor Baharu RTTY 850/50
 8220.0 Israeli Air Force USB/ALE
 8298.0 Indian Navy VTP-Vishakhapatnam RTTY 850/50
 8300.0 French Navy 6WW-Dakar, Senegal RTTY 850/75
 8302.5 Italian Navy IGJ-Augusta USB MRL NAVSOUTH
 8303.0 Argentine Navy LOR-Puerto Belgrano RTTY 170/75
 8319.7 Argentine Navy LOR-Puerto Belgrano RTTY 170/75
 8335.3 German Navy DHJ59-wilhelmshaven USB
 8382.0 Brazilian Navy PWZ33-Rio de Janeiro Pactor 200/200
 8416.5 US Coast Guard NMC-Point Reyes/NMO-Honolulu GMDSS Broadcast
 SITOR-B
 8428.0 US Coast Guard NMN-Portsmouth cw Marker
 8429.5 Italian Navy IGJ42/IGJ43/IGJ44-Augusta and IDR2/IDR3/IDR4-Rome,
 RTTY 850/75 CARB broadcast/channel availability marker
 US Coast Guard NMC-Point Reyes/NMO-Honolulu GMDSS On-Call working
 SITOR-A paired with 8389.5
 8453.9 French Navy FUG-La Regine RTTY 850/75
 8455.0 French Navy FUG-Le Regine RTTY 850/75
 8475.5 French Navy FUX-Le Port, Reunion RTTY 850/75
 8479.0 French Navy FUF-Fort de France, Martinique RTTY 850/75
 8495.0 Russian Navy C MX beacon CW
 8500.0 Indian Navy VTH-Mumbai RTTY 850/50
 8502.0 US Coast Guard NMG-New Orleans, LA FAX 120/576
 8561.0 Russian Military MS-5/4800/DPSK/LSB cipher
 8582.4 Brazilian Navy PWZ33-Rio de Janeiro RTTY 850/75
 8625.9 UK Royal Navy GYU-Gibraltar RTTY 850/75
 8630.5 South African Navy ZSJ-Silvermine MFSK32 54.5bd
 8635.9 UK Royal Navy GYU-Gibraltar RTTY 75 baud
 8652.0 Russian Military MS-5/4800/DPSK/USB cipher
 8715.2 Italian Navy IDR-Rome USB MRL NAVSOUTH

8764.0 US Coast Guard NMN-CAMSLANT Chesapeake, VA/NMO COMSTA Honolulu
USB

8816.0 Russian Naval Aviation Net RCB-West Sector Station to RJF94-
Moscow CW

8858.0 Israeli Air Force USB/ALE

8859.0 US Coast Guard TISCOM Net USB/ALE

8971.0 US Navy Atlantic ASW Net "Fiddle" TSCC Jacksonville, FL;
"Goldenhawk" TSCC Brunswick, ME USB

8977.0 Italian Navy IDR-Rome USB MARPAT/ARCN324 NAVSOUTH

8980.0 US Coast Guard TISCOM Net USB/ALE

8981.0 Italian Navy IDR-Rome USB MARPAT/ARCN325 NAVSOUTH

8982.0 Italian Navy ICM-Sigonella USB MARPAT/AS364B NAVSOUTH

8983.0 US Coast Guard CAMSLANT Chesapeake USB

8992.0 US DoD HF-GCS Network Primary USB

Portuguese Air Force Lisbon USB

9007.0 Canadian Forces Trenton Military USB

9025.0 US Air Force HF-GCS ALE Net USB/ALE

US Air Force PLA-Lajes AB, Azores

9031.0 UK Royal Air Force Architest USB

9032.0 DoD Antarctica Net USB

9037.0 UK Royal Air Force Kinloss USB

9047.0 Civil Air Patrol (CAP) Tech Net USB/ALE

9059.0 Russian Military 8L1X CW

9060.0 Mexican Army USB/ALE

9081.5 US Army Aviation Net T1Z137-1/137 Av Bn Canton, OH USB/ALE

9110.0 US Coast Guard NMF-Boston, MA FAX 120/576

9117.0 Brazilian Navy USB/ALE

9145.0 US Army CLS-101st Abn Div, Ft Campbell KY to 812285-unid helo
USB/ALE

9198.0 Chilean Navy TAC/23F LSB/ALE

9227.0 Israeli Air Force USB/ALE

9232.0 Venezuelan Army Region 2, CLC22-22nd Infantry Brigade/
PCRC2-Regional Cmd Post/ 2MA6 & 2MA8-Unidentified unit/ SCLC224-224th
Field Artillery Group USB/ALE

9295.0 US Army PKBNG-NG Bureau, Parkersburg WVA USB/ALE

9306.0 Brazilian Navy USB/ALE

9350.0 US Air Force 86OPS-Ramstein, Germany 86th Airlift wing USB/ALE

9795.0 Venezuelan Army Region 1/2, CRC1-Regional Cmd Center/ CRC2-
Regional Cmd Center USB/ALE

9950.0 Venezuelan Air Defense Net USB/ALE

10115.0 Venezuelan Army Region 5, CLC51-Communication Logistics Center
51st Jungle Infantry Brigade/ SCLC501-501 HQ
Battalion/ SCLC512-512 Jungle Infantry Battalion/ SCLC513-513 Jungle
Infantry Battalion/ PCRM5-Cmd Post Maintenance USB/ALE

10150.0 Venezuelan Army USB/ALE

10156.0 Venezuelan Army Region 2, CLC22-22nd Infantry Brigade/ PCRC2-
Regional Cmd Post/ SCLC222-222nd Motorized Infantry Battalion
USB/ALE

10190.0 Israeli Air Force DD1 c1g AAA USB/ALE

10194.0 US Navy Voice Coordination Net Alpha/Bravo/Charlie USB

10280.0 Italian Air Force IGN-Rome? USB Tactical paired with 6788.0
(Kosovo Relief Ops)

10282.0 French Navy FOU-Toulon RTTY 850/75 and 170/75

10304.0 Israeli Air Force USB/ALE

10315.0 NATO AWACS (Magic) wkg DHN66 USB
NATO INY USB operations aircraft 451 ground radio check. INY calling
DHN66.

10353.0 Polish Military RLB050 w KR19 USB/ALE

10373.6 US Coast Guard CGD9-Coast Guard District 9 Headquarters,
Cleveland, OH working NRLY-USCGC Bristol Bay (WTGB-102) USB/ALE

10444.0 Mexican Army USB/ALE

10478.0 Italian Navy IDR-Rome USB MRL NAVSOUTH

10498.2 Italian Navy IDR-Rome USB and STANAG 4285 modem MRL NAVSOUTH

10504.6 US Army 159th Medical Co Wiesbaden, Germany USB/ALE

10536.0 Canadian Forces CFH-Halifax, NS FAX 120/576 and RTTY 850/75
US Coast Guard NMF-Boston, MA FAX 120/576

10605.7 Italian Navy IDR-Rome +IHMW USB and STANAG 4285 modem MRL
NAVSOUTH

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10614.0 Israeli Air Force USB/ALE
10671.0 French Air Force FDG-Bordeaux, France CW marker
10680.0 US Army EAATS-Eastern Army Aviation Training Site, Muir AAF, Ft
Indiantown Gap PA USB/ALE
10912.0 French Air Force FDI8-Nice, France CW
10918.6 French Navy 6WW-Dakar, Senegal RTTY 425/50
10945.0 Canadian Forces Halifax, NS RTTY 850/75
10946.3 Canadian Forces CFH-Halifax, NS RTTY 850/75
10996.0 French Air Force FDI22-Narbonne CW
11010.0 Brazilian Navy ERMRIO-Brazilian Navy Radio Station, Rio de
Janeiro to NDDCEA-Brazilian Navy dock landing ship, G-30 CEARÁ -
Navios de Desembarque-Doca USB/ALE
11018.0 Colombian Army/DEA USB/ALE
11045.0 T3E working OOS USB (This is a USCG Shi-Shore assignment-LVH)
11053.5 US Navy USS George Washington battle group link coordination net
(GW wkg GB) USB
11086.5 UK Royal Navy GYA-London/Northwood FAX 120/576
11105.0 Canadian Forces USB/ALE
11181.0 USTRATCOM EAM traffic (USB) Zulu 200
US Air Force SIPRNet HAWSPR-Ascension Island
11187.0 Canadian Forces Halifax wkg USN P-3C USB
11196.0 US Coast Guard TISCOM Net USB/ALE
11205.0 USSOUTHCOM Flight watch [Smasher] USB
UK Royal Air Force Architest USB
11226.0 US Air Force HF-GCS ALE Net USB/ALE
US Air Force MCC-McClellan, CA
11232.0 Canadian Forces Trenton Military USB
11244.0 USSTRATCOM EAM traffic USB
11247.0 Canadian Forces Trenton Military USB
UK Royal Air Force Cyprus Flight watch USB
11250.0 Canadian Forces Halifax, NS USB
11250.0 Italian Navy IDR-Rome USB MARPAT/ARCN325 NAVSOUTH
11272.0 Italian Air Force IEY55/IEY56 USB UNCLASS
11402.0 Civil Air Patrol (CAP) Tech Net USB/ALE
11439.5 US Army Aviation Net T1Z137-1/137 Av Bn Canton, OH USB/ALE
11452.0 Brazilian Navy USB/ALE
11455.0 Brazilian Navy USB/ALE
11468.0 Russian Navy 36-50 240/50
11486.0 Brazilian Navy USB/ALE
11491.0 Israeli Air Force USB/ALE
11530.0 Brazilian Navy USB/ALE
11610.0 Venezuelan Army USB/ALE
11625.0 Venezuelan Army USB/ALE
12061.5 US Army OPS171-1/171st Avn Bn, GANG, Dobbins GA USB/ALE
12103.0 Chilean Navy TAC/23F LSB/ALE
12132.0 Brazilian Navy USB/ALE
12143.0 Israeli Air Force USB/ALE
12185.0 Canadian Forces USB/ALE
12191.0 Venezuelan Army USB/ALE
12238.5 Italian Navy IDR-Rome USB MRL NAVSOUTH
12370.0 Brazilian Navy USB/ALE
12382.0 Italian Navy IDR-Rome USB and STANAG 4285 modem MRL NAVSOUTH
12437.0 Brazilian Navy ERMRIO-Brazilian Navy Radio Station, Rio de
Janeiro to NDDCEA-Dock landing ship, G-30 CEARÁ-Navios de Desembarque-
Doca USB/ALE
12471.7 Italian Navy IDR-Rome +IHMW USB and STANAG 4285 modem MRL
NAVSOUTH
12500.0 US Air Force 860PS-86AW Operations, Ramstein AB, Germany USB/ALE
12579.0 US Coast Guard NMC-Point Reyes/NMO-Honolulu/NRV-Apra Harbor, Guam
GMDSS Broadcast SITOR-B
12589.0 US Coast Guard NMC-Point Reyes/NMO-Honolulu GMDSS On-Call working
SITOR-A paired with 12486.5
12666.5 French Navy FUG-La Regine, France RTTY 860/75
12669.0 Argentine Navy LOR-Puerto Belgrano RTTY 170/75
12690.7 French Navy RFVIE-Le Port RTTY 850/75
12710.5 Brazilian Navy PW233-Rio RTTY 850/75
12750.0 US Coast Guard NMF-Boston, MA FAX 120/576
12788.0 US Coast Guard NMG-New Orleans, LA FAX 120/576

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12790.0 US Coast Guard NMG-New Orleans, LA FAX 120/576
12824.9 UK Royal Navy GYU-Gibraltar RTTY 850/75
12840.5 Dutch Navy PBC312-Goree Island RTTY 850/75
12857.0 French Navy 6WW-Dakar, Senegal RTTY 850/75
12903.0 Indian Navy VTP1/5/7-Mumbai RTTY 850/50
12984.0 Israeli Navy 4XZ-Haifa CW
13032.0 French Navy FUF-Fort de France, Martinique RTTY 850/75
13089.0 US Coast Guard CAMSPAC Point Reyes, CA USB
13101.0 Brazilian Navy ERMRIO-Brazilian Navy Radio Station, Rio de Janeiro to NDDCEA-Dock landing ship, G-30 CEARÁ-Navios de Desembarque-Doca. ERMRIO to BAISE-unid, possible Brazilian Air Base. ERMRIO to NEBRSL-Training Vessel "Brasil", U-27. ERMRIO to REIMO-unid. USB/ALE
13155.0 USSTRATCOM EAM traffic USB
13215.0 US Air Force HF-GCS ALE Net USB/ALE
HAW-Ascension, PLA-Lajes AB, GUA-Guam, JTY-Yokota, MPA-Falklands, IKF-NAS Keflavik, Iceland
13216.0 Italian Navy IDR-Rome USB and STANAG 4285 modem MRL NAVSOUTH
13221.0 US Coast Guard TISCOM Net USB/ALE
13224.0 Brazilian Navy USB/ALE
13254.0 US Navy Diego Garcia discrete USB
Italian Navy IDR-Rome USB MARPAT/ARCN326/NAVSOUTH
13257.0 Canadian Forces Trenton Military USB
13370.0 UK Royal Navy GYU-Gibraltar RTTY 850/75
13415.0 Civil Air Patrol (CAP) Tech Net USB/ALE
13444.2 French Forces RFQP-Djibouti ARQ-E3 400/100
13455.2 Italian Navy IDR-Rome USB MRL NAVSOUTH
13457.0 Venezuelan Air Defense Net USB/ALE
13506.0 Venezuelan Army USB/ALE
13510.0 Canadian Forces CFH-Halifax, NS FAX 120/576 & RTTY 850/75
13538.0 South African Navy ZSJ-Silvermine FAX 120/576
13927.0 US Air Force MARS aircraft phone patch net USB
13944.0 French Forces RFQP-Djibouti ARQ-E3 400/100
13986.7 French Military RFFA-MOD Paris ARQ-E3 192bd
14000.0 Columbian Army LSB/ALE
14528.5 US Air Force MARS PACTOR
14842.0 Brazilian Navy PWZ33-Rio Pactor 200/200
14585.7 French Forces RFPTC-N'Djamena Arq-E3 400/200
14705.0 Brazilian Navy USB/ALE
14780.0 Brazilian Navy ERMRIO-Brazilian Navy Radio Station, Rio de Janeiro to BAISE-unid, possible Brazilian Air Base. ERMRIO to NEBRSL-Brazilian Navy training Vessel "Brasil", U-27. USB/ALE
14790.0 Venezuelan Riverine Forces USB/ALE
15025.0 USSOUTHCOM Flight watch [Smasher] USB
15031.0 Canadian Forces Trenton Military USB
15034.0 Canadian Forces Trenton Military w/volmet. USB
15043.0 US Air Force HF-GCS ALE Net USB/ALE
15082.0 US Coast Guard TISCOM Net USB/ALE
15750.0 UK Royal Navy MGJ-Faslane RTTY 340/75
15920.0 Canadian Forces CFH-Halifax, NS RTTY 850/75
15932.0 Brazilian Navy USB/ALE
16077.0 US Army Corps of Engineers USB/ALE
16355.0 Brazilian Search & Rescue (ALE Address SARBR) USB/ALE
16806.5 US Coast Guard NMC-Point Reyes, CA SITOR-B
16819.5 US Coast Guard NMN-CAMSLANT Chesapeake, VA SITOR-A
16842.0 Brazilian Navy PWZ33-Rio de Janeiro Pactor 200/200
16905.0 French Navy FUV-Djibouti RTTY 850/75
16915.0 French Navy RFVIE-Le Port, Reunion RTTY 850/75
16951.6 French Navy 6WW-Dakar, Senegal RTTY 850/75
16961.5 French Navy FUF-Fort de France, Martinique RTTY 850/75
16976.0 Brazilian Navy PWZ33-Rio de Janeiro RTTY 850/75
16984.0 Brazilian Navy PWZ33-Rio de Janeiro Pactor 200/200
16986.0 NATO CTP-Oeiras Palhais, Portugal RTTY 850/75
17145.0 US Coast Guard NMG-New Orleans, LA FAX 120/576
17151.2 US Coast Guard NMC-CAMSPAC Point Reyes, CA FAX 120/576
17976.0 US Air Force SIPRNet HAWSPR-Ascension Island
17982.0 Brazilian Air Force USB
17988.0 US Coast Guard TISCOM Net USB/ALE
18003.0 US Air Force HF-GCS ALE Net USB/ALE

US Navy ICZ-NAS Sigonella, Italy
 18012.0 French Air Force FDE-Villacoublay USB
 18018.0 UK Royal Air Force Volmet USB
 18089.0 Russian Military 81-81 230/81
 18238.0 South African Navy ZSJ-Silvermine FAX 120/576
 18367.0 NATO Ship-to-Shore STANAG-4285/2400/USB
 18764.0 Russian Military 36-50 190/50
 19216.7 French Forces RFLI-Fort de France, Martinique ARQ-E3 380/192 and
 ARQ-E3 96 bd
 19320.0 Singapore Naval Force 207-Amphib Vessel Endurance w TF1/NCS (HQ)
 USB/ALE
 19709.0 Brazilian Navy USB/ALE
 19951.5 French Navy 6WW-Dakar, Senegal RTTY 850/75
 20555.0 French Military RFFX-MOD Paris ARQ-E3 184.6bd
 20615.0 Russian Navy RCF-Moskva RTTY 500/75
 22376.0 US Coast Guard NMC-Point Reyes/NMO-Honolulu GMDSS Broadcast
 SITOR-B
 23337.0 US Air Force HF-GCS ALE Net USB/ALE Civil Air Patrol RIC-NTC
 Richmond, VA/US Air Force MPA-Mt. Pleasant, Falkland Islands/US Navy JDG-
 NAS Diego Garcia/US Navy JNR-Salinas, Puerto Rico
 23376.0 Russian Navy RCV-Black Fleet Headquarters Sevastopol, Ukraine CW
 22389.5 US Coast Guard NMC-Point Reyes/NMO-Honolulu GMDSS On-Call working
 SITOR-A paired with 22297.5

Government Logs

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 2414.0 US New Hampshire Emergency Operations Net USB/ALE
 US Federal Emergency Management Agency USB/ALE
 3341.0 US Federal Emergency Management Agency USB/ALE
 3380.0 US Federal Emergency Management Agency USB/ALE
 4490.0 US Federal Aviation Administration Net USB/ALE
 US Federal Emergency Management Agency USB/ALE
 4780.0 US Federal Emergency Management Agency USB/ALE
 4991.0 US Federal Bureau of Investigation HF net USB/ALE
 5075.0 Albanian MOI USB/ALE
 5135.0 US New Hampshire Emergency Operations Net USB/ALE
 US Federal Emergency Management Agency USB/ALE
 5136.6 US New Hampshire Emergency Operations Net USB/ALE
 5192.0 US New Hampshire Emergency Operations Net USB/ALE
 5193.4 US New Hampshire Emergency Operations Net USB/ALE
 5378.0 US Federal Emergency Management Agency USB/ALE
 5402.0 US Federal Emergency Management Agency USB/ALE
 5711.0 US Federal Emergency Management Agency USB/ALE
 5961.0 US Federal Emergency Management Agency USB/ALE
 6151.0 US Federal Emergency Management Agency USB/ALE
 6600.0 Italian Guarfi Net USB/ALE
 6799.9 North Korean Diplo Net RTTY 1000/50
 6800.0 US Federal Aviation Administration Net USB/ALE
 6809.0 US Federal Emergency Management Agency USB/ALE
 6865.5 North Korean Diplo Net RTTY 1000/50
 6878.0 Russian Department of State Moscow MFSK-32/CROWD36
 6900.0 French Diplo CER41-MFA Paris; ADDISABEBA-Addis Abba, Ethiopia
 USB/ALE
 7348.0 US Federal Emergency Management Agency USB/ALE
 7428.0 US Federal Emergency Management Agency USB/ALE
 7527.0 US Federal Bureau of Investigation HF net USB/ALE
 7648.5 US SHARES Net station (H2B) monitored sounding here. USB/ALE
 7675.0 Chinese Diplo USB/ALE
 7740.0 French Diplo CER41-MFA Paris, AMMAN-Embassy Amman, Jordan; BEY-
 Embassy Beirut, Lebanon; LECAIRE-Embassy Cairo, Egypt Mil-188-141A
 USB/ALE
 7778.5 US Federal Bureau of Investigation HF net USB/ALE
 7805.0 US New Hampshire Emergency Operations Net USB/ALE
 US Federal Emergency Management Agency USB/ALE
 7806.4 US New Hampshire Emergency Operations Net USB/ALE
 US Federal Emergency Management Agency USB/ALE
 8012.0 US Federal Emergency Management Agency USB/ALE
 8050.0 US Federal Emergency Management Agency USB/ALE

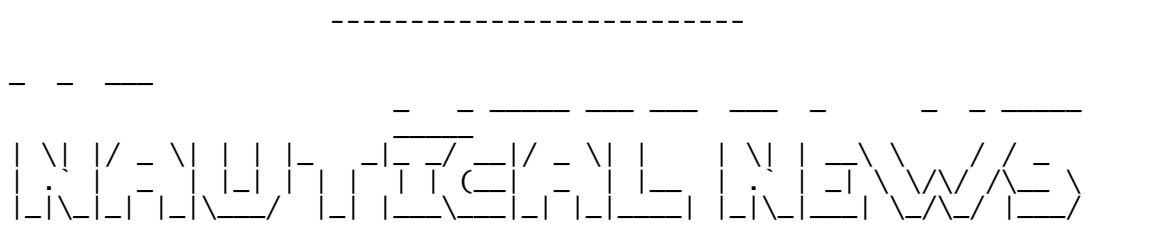
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8066.7 Egyptian Diplo Embassy Washington SITOR-A 170/100
8095.0 Romanian Diplo CENTR8-MFA Bucharest USB/ALE
8120.0 Czech Republic Diplo Net USB/Mil-Std 188-110A IRS mode Datron
HFCOM2 ARQ-protocol
8912.0 US Immigration and Customs Enforcement COTHEN Net USB/ALE
9052.0 French Diplo LECAIRE-Embassy Cairo, Egypt USB/ALE
9085.0 Italian Guarfi Net: 1001/2005 LSB/ALE
9106.0 US Federal Emergency Management Agency USB/ALE
9115.0 Romanian Diplo CENTR5-MFA Bucharest USB/ALE
9262.0 Russian Diplo MFA Moscow RTTY 50 baud
9462.0 US Federal Emergency Management Agency FNARS HF Net USB/ALE
10000.0 Romanian Diplo CENTR2-MFA Bucharest USB/ALE
10180.0 Romanian Diplo CENTR2-MFA Bucharest USB/ALE
10194.0 US Federal Emergency Management Agency FNARS HF Net USB/ALE
10247.3 French Secret Service 8BY CW
10493.0 US Federal Emergency Management Agency USB/ALE
10588.0 US Federal Emergency Management Agency FNARS HF Net USB/ALE
10825.0 French Diplo CER41-MFA Paris, LECAIRE-Embassy Cairo, Egypt, BEY-
Beyrouth, Lebanon, ADDISABEBA- Addis Ababa USB/ALE
10899.0 US Federal Emergency Management Agency USB/ALE
11023.6 Egyptian Embassy London SITOR-A
11108.0 US Federal Emergency Management Agency FNARS HF Net USB/ALE
11147.0 Turkish Diplo USB/Rohde & Schwarz GM856 modem 240Bd/720bps 8-FSK
burst mode
11217.0 US Federal Emergency Management Agency USB/ALE
US Federal Aviation Administration FAAZLA-Los Angeles ARTCC USB/ALE
11405.0 UN HCR Net Pactor I 200 baud
14363.0 Romanian Diplo CENTR7-MFA Bucharest USB/ALE
11491.0 US Dept of Justice FBI USB/ALE
11494.0 US Immigration and Customs Enforcement COTHEN Net USB/ALE
14606.0 Albania Ministry Mil-188-141A ALE
14680.0 Romanian Diplo CENTR6-MFA Bucharest USB/ALE
14931.0 French Secret Service 8BY CW
11957.0 US Federal Emergency Management Agency USB/ALE
12112.0 US Federal Emergency Management Agency USB/ALE
12170.0 French Diplo AMMAN-Embassy Amman, Jordan USB/ALE
French Diplo CER41-MFA Paris, France USB/ALE
French Diplo LECAIRE-Embassy Cairo, Egypt USB/ALE
12175.0 Italian Guarfi Net LSB/ALE
12216.0 US Federal Emergency Management Agency USB/ALE
13468.0 Romanian Diplo CENTR2-MFA Bucharest USB/ALE
13894.0 US Federal Emergency Management Agency USB/ALE
13984.0 US Federal Emergency Management Agency USB/ALE
14422.0 Algerian Diplo MAE-MFA Algiers USB/ALE
14480.0 Czech Republic Diplo OLZ88-MFA Prague USB/ALE
14493.5 US Federal Bureau of Investigation HF Net USB/ALE
14606.0 Albania Ministry Mil-188-141A ALE
14639.0 Polish Diplo POL-ARQ 100Bd/250Hz
14680.0 Romanian Diplo CENTR6-MFA Bucharest USB/ALE
14686.0 Romanian Diplo CEN-MFA Bucharest USB/ALE [new frequency]
14776.0 US Federal Emergency Management Agency FNARS HF Net USB/ALE
14885.0 US Federal Emergency Management Agency USB/ALE
14908.0 US Federal Emergency Management Agency USB/ALE
14931.0 French Secret Service 8BY CW
15094.0 US Federal Emergency Management Agency USB/ALE
15708.0 US Federal Emergency Management Agency USB/ALE
15758.7 India Diplo 8WA40-Embassy Phnom Penh RTTY 170/50
15760.0 India Diplo 8WD36-MFA New Delhi RTTY 170/50
15921.0 French Diplo LECAIRE-Embassy Cairo, Egypt, CER41- MFA Paris
USB/ALE
16201.0 US Federal Emergency Management Agency FNARS HF Net USB/ALE
16270.0 Czech Republic Diplo OLZ-MFA Prague Mil-Std 188-141A ALE
triggering CLOVER 2K modem
16320.0 French Diplo BUJUMBURA-Bujumbura, Burundi USB/ALE
16321.0 Romanian Diplo CENTR5-MFA Bucharest USB/ALE
17487.0 US Federal Emergency Management Agency USB/ALE
US Federal Aviation Administration FAAZLA-Los Angeles ARTCC USB/ALE
17519.0 US Federal Emergency Management Agency USB/ALE

WUN-v10

- 18183.4 Algerian Diplo Yaounde Coquelet-8 37.5bd
- 18223.7 Egyptian Diplo MFA Cairo SITOR-A
- 18300.0 Czech Republic Diplo OLZ88-MFA Prague USB/ALE
- 18396.0 French Diplo Net USB/ALE
- 18571.7 Tunisian Diplo SITOR-B
- 18594.0 US Immigration and Customs Enforcement COTHEN Net USB/ALE
- 18666.0 US Federal Bureau of Investigation (FBI) MM1-Miami/SJ1-San Juan USB/ALE
- 19320.0 Czech Republic Diplo OLZ88-MFA Prague Mil-STD 181-141A ALE
- 19323.0 Czech Republic Diplo OLZ-MFA Prague Mil-STD 181-141A ALE
- 19636.0 French Diplo LECAIRE-Embassy Cairo, Egypt USB/ALE
- 19830.0 French Diplo P6Z-MFA Paris, France FEC-A 400/192
French Diplo RFGW-MFA Paris FEC-A 400/192
- 19969.0 US Federal Emergency Management Agency USB/ALE
- 20107.0 US Federal Emergency Management Agency USB/ALE
- 20330.0 Romanian Diplo CENTR8-MFA Bucharest USB/ALE
- 20340.0 Algerian Diplo MAE-MFA Algiers USB/ALE
- 20455.0 Czech Republic Diplo OLZ84-? Mil-STD 181-141A ALE
- 20550.0 Italian Guarfi Net LSB/ALE
- 20616.0 French Diplo LECAIRE-Embassy Cairo, Egypt, CER41-MFA Paris USB/ALE
- 20810.6 US Department of State USB/ALE
- 20890.0 US Immigration and Customs Enforcement COTHEN Net USB/ALE
- 20946.0 French Secret Service 8BY CW
- 21866.0 US Federal Emergency Management Agency USB/ALE
- 22953.0 US Federal Emergency Management Agency USB/ALE
- 24100.0 Czech Republic Diplo OLZ-MFA Prague USB/ALE
- 24526.0 US Federal Emergency Management Agency USB/ALE
- 25301.0 French Diplo AMMAN-Embassy Amman, Jordan USB/ALE
- 25350.0 US Immigration and Customs Enforcement COTHEN Net USB/ALE

 Until next time, 73 and good hunting - Larry.



Utility Monitoring in the Maritime Bands

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Welcome to the March Issue of Nautical News.

I am pleased to say there are several contributions this month. Please keep sending in any information you may have; it is ALL welcome.

::: 500 kHz Activity possible from European Coastal Station

I have received snippets of information that there may be a special transmission from a European Coastal Station to mark closure of one of their current transmitting sites.

Hopefully more information in next months newsletter.

::: Rome Radio/IAR

Rome Radio still offers three HF services:

HF RT. (frequencies /USB)

IAR	Ship	ITU Chan	Remarks
4360	4068	[402]	
4390	4098	[412]	
4414	4122	[420]	
4417	4125	[421]	0600-2200*
4423	4131	[423]	
6504	6203	[602]	
6510	6209	[604]	0600-2200*
6516	6215	[606]	
8758	8234	[814]	
8773	8249	[819]	
8776	8252	[820]	
8779	8255	[821]	0600-2200*
8794	8270	[826]	
8809	8285	[831]	
8713	8294	[836]	
13092	12245	[1206]	
13101	12254	[1209]	
13113	12266	[1213]	
13128	12281	[1218]	
13137	12290	[1221]	0600-2200*
13164	12317	[1230]	
13182	12335	[1236]	
17248	16366	[1603]	
17257	16375	[1606]	
17287	16405	[1616]	0500-1700
17302	16420	[1621]	0600-2200*
17311	16429	[1624]	
17377	16495	[1646]	
19770	18795	[1806]	0600-2200*
22699	22003	[2202]	
22726	22030	[2211]	
22756	22060	[2221]	0600-2200*
22762	22066	[2223]	
22804	22108	[2237]	
22825	22129	[2244]	
26172	25097	[2510]	0600-2200*

Times marked * 1hr earlier when Daylight Saving in force.

Radiotelex (2070, selcall QVYV) (Frequencies assigned)

IAR	Ship	ITU Chan	Remarks
4210.5	4172.5	[401]	H24
4216.5	4179	[414]	
8418	8378	[804]	H24
8426	8386	[820]	
12602.5	12500	[1247]	H24
16820	16697	[1628]	0500-2000
22398	22306	[2244]	On request

HF CW (Assigned)

IAR	Remarks
4235	
4292	#
4320	H24
6409.5	2230-0600 (1oct-31May)

WUN-v10

6418		
8530	#	
8656		
8670	H24	
12996		
13011	#	
13015.5	0600-2200(10ct-31May)	0500-2100(1Jun-30Sep)
17005		
17160.8	#	
17206.1	0600-2200(10ct-31May)	0500-2100(1Jun-30Sep)
22628.5		
22630.5	0700-2000(10ct-31May)	0600-1900(1Jun-30Sep)

Listens for ships on the calling channels 3/4/5/6 on appropriate bands. Traffic lists sent on # at 0000 0400 0800(blind tfc) 1200 1600 2000(blind traffic).

Rome also maintains an H24 watch on all MF/HF/VHF GMDSS alert channels - its MMSI is 002470001.

::: MMSI=000000000

Andreas Ibold raised the question about what we understand as MMSI=000000000 ? MID is 000 in any scenario and that is not a valid assignment.

Some decoders see two leading zeroes and think it's a coast station hence it labels it as coast station group. We suspect it is really a ship testing new equipment (new ship, new install, or old ship, new gear) but in both cases likely to be testing prior to the correct MMSI being placed into the gear.

Thanks to Craig Young (GlobalStation) who confirms the above indicating "An MMSI of 000000000 is often the default of a DSC controller when not yet set-up. In other words, they haven't entered an MMSI; either because they don't have one or are testing it. Some manufacturers also default to 222222222. And you will sometimes see 123456789 or the opposite, 987654321.

A few years ago these were identified as invalid numbers and rejected in New Zealand and I think Australia. If a test call, or station call, is received with one of these then the agency usually doesn't reply."

::: Status of MSI broadcasts via Guam/NRV

Rumours have been circulating in the last few months

- that this broadcast is to be discontinued, and
- that there is a suspected transmission from Diego Garcia, BIOT, in the Indian Ocean.

Neither of these are true. Enquiries made of a correspondent, holding a senior position in the USCG, has confirmed this. He indicates that "no ending to Guam's transmission that we are aware of. Let me know if you need more. I'm not aware of any Navy facility transmitting IMO-recognized maritime safety information, at Diego Garcia or anywhere else."

Although using Navy assets (transmitters/antennae at Guam) the broadcasts as listed at <http://www.navcen.uscg.gov/marcomms/cgcomms/sitor.htm> are confirmed as being accurate.

::: CONSULTATION ON THE FUTURE OF THE UK RADIO SURVEY SERVICE

The following appeared on the Maritime & Coastguard Agency website:-

My thanks for their permission to reproduce here.

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Introduction

1. Chapter I of the International convention of Safety of Life at Sea (SOLAS) 1974 requires all cargo ships over 300 gross tonnage and passenger ships to have an annual radio survey. The Torremolinos Protocol 1993 requires all Fishing Vessels of 15m overall length or over to have a radio survey at a frequency depending on the size and age of the vessel.
2. Radio surveys carried out on board United Kingdom (UK) registered ships/vessels either within UK or abroad are currently delegated under contract by the UK Secretary of State to Marconi Selenia Ltd (Marconi). The current contract with Marconi is due to expire on 31 March 2005.
3. The type and frequency of survey that Marconi are required to undertake is fully explained in the attached Marine Guidance Note: Delegation of the Radio Survey Service
4. The purpose of this consultation is to seek views from ship/vessel, owners, operators, skippers who are subject to UK radio survey requirements and potential radio survey providers including Classification Societies.
5. The current contract expires in approx. 18 months and MCA would like to seek views as to how best the UK radio survey service could be offered following the expiry of the current contract.

BACKGROUND

6. Prior to the privatisation of British Telecom (BT), radio surveys were undertaken by Government employees, with the recovery of costs subject to annual negotiation between Departments. An efficiency study of the Surveyor General's Organisation recommended that all radio survey work should be formally delegated to (the then recently privatised) BT. On 1 July 1991 a formal contract was let to BT for the Inspection Service. Simultaneously the Survey Service was delegated to them by Statutory Instrument enabling them to recover fees directly from clients.
7. In June 1995 the then Marine Safety Agency (MSA) issued an industry-wide consultation setting out MSA thoughts on the way forward for radio survey and inspection work and invited suggestions as to who might undertake the work. The results of this consultation showed that while some merchant fleet operators and equipment suppliers were broadly content with present arrangements and services provided by BT, the fishing industry wanted greater choice and the potential of a reduction in survey fees. Therefore, both contracts were put to tender under the guidance of The Departmental Procurement Unit.
8. The new contract was awarded to the then GEC-Marconi in September 1996 and following competitive tendering through the European Journal, the contract was again re-let to Marconi Selenia in November 2001.
9. Although the original change in provider provoked concern from industry of conflicts of interest, no serious complaints have been received and from an MCA perspective, the contract has run smoothly.
10. The following paragraphs set out in broad terms the current arrangements and outlines possible options for change. The attached Marine Guidance Note: Delegation of the Radio Survey Service gives further details about the current UK radio survey arrangements

RADIO SURVEYS CARRIED OUT WITHIN UK

Current arrangements

11. The radio service within the UK is currently offered through

European competitive tender. This means that an advertisement is placed in the European Journal and companies are invited to tender for the UK survey contract. Tenders are then considered against a criteria based on price, experience, support systems, coverage and quality management.

12. Marconi currently provides this 24 hour survey service for all ships/vessels that require a UK radio survey (see Para 1 above). In this last year Marconi have undertaken 927 radio surveys of which 268 were on fishing vessels, carried out through their 18 Regional Offices.

RADIO SURVEYS CARRIED OUT ABROAD

Current arrangements

13. Radio Surveys are carried out on UK registered ships/vessels mainly in the UK but with the increase in the number of ships coming onto the UK Register, increasingly radio surveys are required to be carried out abroad.

14. This radio survey service is also currently offered through European competitive tender as described in Para 11 above. Marconi currently provides this service either by undertaking the survey or as the initial point of contact depending on where the survey is required.

15. Marconi operates from UK and thus when a survey cannot be carried out in the UK, a Marconi surveyor is sent from UK to carry out the radio survey. Depending on the location of the ship/vessel this may not be cost effective and in these circumstances alternative arrangements have been put in place. That is where an existing ship is flagging onto the UK register or a cargo ship requires a periodical or renewal survey aboard, a local Classification Society Surveyor may undertake the survey. This is subject to individual appointment by MCA. Marconi then issues the Radio Certificate.

NOTE: In the above instance Marconi would undertake one survey in five regardless of location as quality control insurance.

16. Classification Societies provide a world-wide service usually through a sub contracted radio engineer. Radio surveys are currently undertaken through individual special appointment for each survey that is required to be carried out.

17. In this last year Marconi has issued 347 certificates for radio surveys carried out abroad either by themselves or locally appointed surveyors.

Possible options for change

18. The Radio Service within UK or abroad could be undertaken by:

18.1. Single Provider open competitive tender (as is the current situation) to allow any potential provider that fulfils the requirements (see Para 11) including private radio companies and classification societies etc. These may or may not have a worldwide network of radio surveyors. This provider would be selected through competitive tender, thus allowing the most cost efficient provider to be selected; or

18.2 Classification Societies Delegation This option would not allow an open competitive tender. The radio survey work would be delegated direct to MCA approved Classification Societies and surveys would be charged at class rates. This may be more attractive to larger ship owners where cost is not the primary consideration; or

18.3 Multiple Provider where more than one provider may undertake the radio survey service. This could be a mix of either the vessel's approved Classification Society or private radio company(ies) or an MCA surveyor. This would be carried out through delegation but on a competitive basis. This option provides potentially cost effective

options for both the small and large ship owner. However, it may not be cost effective for some potential providers if they have to share the radio survey market; or

18.4 Development of a MCA in house survey service where by the radio service would not be put to competitive tender but carried out by MCA surveyors sent from UK. Radio surveys under this system would be charged at MCA rates.

RADIO SURVEY FEES

Current arrangements

19. Marconi charge for radio surveys on a hourly basis, which are:

£32 per hour for Merchant Ships
£32 per hour for Fishing Vessels
£50 for the administration charge for the issue of Radio Certificates

20. In all cases Marconi will invoice owners for the cost of surveys and will retain the fee income. All fees for survey must be paid in advance prior to commencement of a survey.

Possible options for change

21. Depending on the options preferred in Para 18 above, the fee rates will differ.

22. If a single provider is chosen under the open tender process (see Para 11 above). The fee per hour will be chargeable in accordance with the agreed tender. The tender will be selected by a certain criteria, a competitive price will be a significant element of that criteria. Going out to full open tender allows for the most competitive fee rates to be achieved.

23. The following is a guide to possible fees which would be charged (based on current rates).

£ 76 per hour - MCA Surveyor
£ 150 per hour (includes cost - Classification Societies for radio sub contractor)
£ 32 per hour - Private Company

24. Additional costs will be charged for travelling and for the issue of any certification.

CONSULTATION FEEDBACK

To ensure that the UK radio survey service is provided in the best possible way for our customer as well as ensuring safety and our compliance to International requirements. MCA would like to invite you to provide your input as to how the radio survey service is provided following the expiry of the current contract in March 2005.

Feedback can be sent to them at this URL:-

http://www.mcga.gov.uk/c4mca/mcga-regs/mcga-consultations/mcga-current_consultations/consultations-navcomms.htm

::: 8176 KHz in Australia

My thanks to Allen N. Fountain for the following information

Scheduled broadcasts on 8176 kHz

0000 VMC If required, storm & gale warnings are broadcast on the hour every hour until

cancelled.

0030 VMC Forecasts for Tasmanian & South Australian Waters

0055 VMC Station frequencies. VMW frequencies and any special announcements re Bureau broadcasts

0057 VME 920. Coast Radio Sydney. MSI

0130 VMC Forecasts for Queensland & western Gulf Waters

0155 VMC Stn info as for 0055

0157 VKD999. Coast Radio Darwin. MSI.

0230 VMC North Eastern & South Eastern High Seas Forecasts,Warnings & Coast Station Observations

0255 VMC Stn info as for 0055

0257 VMF555. Coast Radio. Melbourne. MSI

0330 VMC Forecasts for NSW & Victorian Waters

0355 VMC Stn info as for 0055

0357 VNS974. Coast Radio Adelaide. MSI

0430 VMC Forecasts for Tasmanian & South Australian Waters

0455 VMC Stn info as for 0055

0457 VKI Coast Radio Port Hedland. MSI

0530 VMC Forecasts for Queensland & western Gulf waters

0555 VMC Stn Info as for 0055

0557 VKT318 Coast Radio Hobart. MSI

0630 VMC North Eastern & South Eastern High Seas Forecasts,Warnings & Coast Station Observations

0655 VMC Stn info as for 0055

0657 VKI Coast Radio Perth. MSI

0730 VMC Forecasts for NSW & Victorian Waters

0755 VMC Stn info as for 0055.

0757 VNS974. Coast Radio Adelaide. MSI

0830 VMC Forecasts for Tasmanian & South Australian Waters

0855 VMC Stn info as for 0055

0857 VKI Coast Radio Port Hedland. MSI

0930 VMC Forecasts for Queensland & western Gulf waters

0955 VMC Stn info as for 0055

0957 VKD999 Coast Radio Darwin. MSI

1030 VMC North Eastern & South Eastern High Seas Forecasts,Warnings & Coast Station Observations

1055 VMC Stn info as for 0055

1057 VKI Coast Radio Perth MSI

1130 VMC Forecasts for NSW & Victorian Waters

1155 VMC Stn info as for 0055

1157 VL4R0 Coast Radio Gladstone. MSI

1230 VMC Forecasts for Tasmanian & South Australian Waters

1255 VMC Stn info as for 0055

1257 VMG777 Coast Radio Cairns. MSI

1330 VMC Forecasts for Queensland & western Gulf Waters

1355 VMC Stn info as for 0055

1357 VME920 Coast Radio Sydney. MSI

1430 VMC North Eastern & South Eastern Area High Seas Forecasts Warnings and Coast Station Observations

1455 VMC Stn info as for 0055

1530 VMC Forecasts for NSW & Victorian Waters

1555 VMC Stn info as for 0055

1630 VMC Forecasts for Tasmanian & South Australian Waters

1655 VMC Stn info as for 0055

1730 VMC Forecasts for Queensland & western Gulf waters

1755 VMC Stn info as for 0055

1830 VMC North Eastern & South Eastern High Seas Forecasts, Warnings & Coast Station Observations

1855 VMC Stn info as for 0055

1930 VMC Forecasts for NSW & Victorian waters

1955 VMC Stn info as for 0055

2030 VMC Forecasts for Tasmanian & South Australian Waters

WUN-v10

Waters

2055 VMC Stn info as for 0055
2130 VMC Forecasts for Queensland & Western Gulf waters
2155 VMC Stn info as for 0055
2157 VMF555 Coast Radio Melbourne, MSI
2230 VMC North Eastern & South Eastern High Seas
Forecasts, Warnings & Coast Station Observations
2255 VMC Stn info as for 0055
2257 VL4RO Coast Radio Gladstone, MSI
2330 VMC Forecasts for NSW & Victorian Waters
2355 VMC Stn info as for 0055
2357 VMG777 Coast Radio Cairns. MSI

Parallel voice frequencies for VMC are 2201 & 4426 (0900-2100 UTC)
12365 & 16537 (2100-0900 UTC)

VMC Charleville, QLD (Australia Weather East) & VMW Wiluna W.A (Australia Weather West) is a fully automatic transmit only operation remotely controlled from the Australian Bureau of Meteorology Melbourne.

VMW voice frequencies are 2056 & 4149 (1100-2300 UTC) 8113, & 12362 & 16528 (2300-1100)UTC

Coast Radio Adelaide (VNS974) is operated for Transport South Australia from the Royal Flying Doctor Service facilities at Port Augusta.

Coast Radio Cairns (VMG777) is operated by the QLD Department of Transport.

Coast Radio Darwin (VKD999) is operated by the N.T. Transport & Works Dep't Marine Branch

Coast Radio Gladstone (VL4RO) is operated by the QLD Department of Transport

Coast Radio Hobart (VKT318) is operated by the Tasmanian Small Craft Marine Radio Group 2115-0945UTC & Hobart Ports Corporation 0945-2115 UTC

Coast Radio Melbourne (VMF555) is operated by the Victorian Channels Authority

Coast Radio Perth & Port Hedland (VKI) are operated by the West Australian Police Service

Coast Radio Sydney (VME920) is operated by the Sydney Ports Authority.

The eight Coast Radio Stations scan Distress & Safety calling frequencies 4125, 6215 & 8291 continuously.

An urgent MSI message can be transmitted on these frequencies instead of holding the message until the stations scheduled broadcast.

All calls to Coast Radio Stations are made on the calling frequencies, and the station responds on the frequency used.

Should scheduled 8176 MSI broadcasts extend for more than three minutes, it has been observed that the Coast Stations ask ships to QSY to 8291 for the balance of the information, in practice this is rarely the case.

Well that's all for this month, please send any contributions to the email Address at the start of this edition

73 & good DX

Robert G4PYR

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# NUMBERS & ODDITIES #
////////////////////////////////////
- Editor: Ary Boender      *****      e-mail: ary@luna.nl -
- Nickname on IRC channels #wun #monitor #numbers: Ary-B -
-
- Download the complete N&O newsletter from the N&O web site -
- http://home.luna.nl/~ary/ -
-
- Online database: Chris Smolinski <csmolinski@erols.com> -
- http://www.spynumbers.com/numbersDB/ -
////////////////////////////////////

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-::: N&O #71, March 2004 :::-

Hello and welcome to yet another edition of Numbers & Oddities. I would like to start with a joint WUN / Spooks / E2K Announcement:

"Following discussion between all the above regarding the increasing popularity of Numbers Listening from remote receiver sites via the Internet, and their appropriate logging, we respectfully request that all logs of these stations clearly indicate the remote receiver location. So if you're using a java radio in Sweden, be sure to use *that* as the location, not your location, which is really meaningless in this case.

Thanks in advance for your co-operation."

Besides the usual stuff, I received an interesting item about the CIS naval communications, written by Fritz Nusser. Comments and/or corrections are more than welcome.

-0-0-0-0-0-0-0-0-0-0-

* VOICE STATIONS *

::: E03

Lincolnshire Poacher ID's compiled by Al.

IDs as of March 1st, 2004

UTC	Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC
1200	61778	61778	61778	61778	61778	61778	61778	1200
1300	39227	39227	39227	39227	39227	39227	39227	1300
1400	81347	83817	70759	59558	61778	00657	58493	1400
1500	58493	81347	83817	70759	59558	61778	76855	1500
1600	76855	58493	81347	83817	70759	59558	00657	1600
1700	00657	76855	58493	81347	83817	70759	61778	1700
1800	61778	00657	76855	58493	81347	83817	59558	1800
1900	59558	39227	00657	39227	58493	81347	39227	1900
2000	39227	61778	39227	76855	39227	58493	70759	2000
2100	70759	59558	61778	00657	76855	39227	83817	2100
2200	83817	70759	59558	61778	00657	76855	81347	2200

IDs as of March 15th, 2004

UTC	Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC
1200	77778	77778	77778	77778	77778	77778	77778	1200
1300	20902	20902	20902	20902	20902	20902	20902	1300
1400	05367	67416	45180	67687	77778	93871	59880	1400
1500	59880	05367	67416	45180	67687	77778	77224	1500
1600	77224	59880	05367	67416	45180	67687	93871	1600

WUN-v10								
1700	93871	77224	59880	05367	67416	45180	77778	1700
1800	77778	93871	77224	59880	05367	67416	67687	1800
1900	67687	20902	93871	20902	59880	05367	20902	1900
2000	20902	77778	20902	77224	20902	59880	45180	2000
2100	45180	67687	77778	93871	77224	20902	67416	2100
2200	67416	45180	67687	77778	93871	77224	05367	2200

<<<<<>>>>

::: E04

Cherry Ripe ID's compiled by Tomonori.

IDs as of 1st half of March, 2004

UTC	Sun	Mon	Tue	wed	Thu	Fri	UTC
0000		09576	87050	90254	53047	41820	0000
0100		87050	90254	53047	41820	07185	0100
1000		90254	53047	41820	07185	77437	1000
1100		53047	41820	07185	77437	90254	1100
1200		41820	07185	77437	90254	09576	1200
1300		07185	77437	90254	09576	87050	1300
1400							1400
2200	77437	90254	09576	87050	90254		2200
2300	90254	09576	87050	90254	53047		2300

<<<<<>>>>

::: E10

Again no string messages from E10. Only a couple of times "PCD1" on 6498 kHz, that is all. Further of course the usual schedules.

<<<<<>>>>

::: E11

After a long time E11 finally sent a message on 16 March at 0830 UTC on 8544 kHz. Richard comments "commenced 189 Oblique 67 then 'Attention' 92242 92242 14913 14913 etc. The whole message was then read out again with no repeats. The young lady has an East European accent and she pronounces the figure 5 FIVER (the correct phonetic is FIFE, as FIVER is easily confused with NINER for 9). This is the first time I've heard a message myself on E11. The 1230 sending was on 8544 khz (unexpected) with 312/00. The 1300 sending was found on 8800 (not 8088 as usual) with 183/00." (Richard via ENIGMA 2000)

<<<<<>>>>

::: S04

"I have heard Edna, S04 tonight.", says Gert on the E2K list. S04 was on the air on Monday, 8 March at 2245 UTC on 3368 kHz with 342 - nr 247 gr 52 = 56574. Nice strong signal, good audio.

Thanks for the log, Gert.

<<<<<>>>>

::: S11a

E11's sister, the Russian lady of S11a was on the air again on 3 March between 2100-2105 UTC on 4016 kHz with "971/00". (AF via E2K)

<<<<<>>>>

::: V24

WUN-v10

Tomonori writes that he has heard V24 on 6215 kHz at 1616 UTC on 19-3.

<<<<<>>>>

::: V26

Both Takashi and Tomonori have logged V26 on a number of occasions.

The Chinese LSB station used parallel frequencies 5924//6448//8621 kHz at 1052 UTC. Other frequencies are 9101 (2348 UTC) and 10620 kHz.

-0-0-0-0-0-0-0-0-0-0-

* MORSE STATIONS *

Contributors: Deka, Tomonori, Takashi,

::: MX

Channel markers reported in March:

L: 3336,2 and 4091.2 kHz. I received a note from one of my correspondents that "L" was heard on two harmonic frequencies 6672.44 kHz and 10008.66 kHz at 0500 UTC on 24 March. Thanks for your report, OM!

P: 4043 kHz.

R: 4325.8 kHz.

V: 3658 kHz and also on 7038.8 but I am not sure if this was MX.

Cluster beacons:

C: 4558, 5154, 7039, 7078 (not sure if this was MX)

S: 7038.9

F: 7039.2

K: 7039.3

M: 3595.4, 4558.4, 7039.4 and on faulty freq 7038.9 kHz

<<<<<>>>>

::: M18

M18 is a daily guest on 4073 kHz. The station transmits a time string, UTC + 3 hours, which is Moscow time.

<<<<<>>>>

::: M21

Russian Air Defense stations were observed on two frequencies: 4071.5 (id "8") and 5372 kHz.

<<<<<>>>>

::: M39

Unid #3 in last month's N&O is M39. Thanks Guy!

5230 kHz, 17-02, 1325 UTC:

91859 91859 (rptd) (dashes for about 30 sec)

79579(x3) 12907(x3) 79579(x3) 12709(x3)

79579(x3) uses short zero, hand sent

<<<<<>>>>

::: M40

Our Japanese correspondents reported the following transmissions from North Korea:

8260 kHz at 1000 UTC and 10620 kHz a 1030 UTC: VVV CQ 747.520 etc.
4580 kHz, 1505 UTC: VVV CQ 615.273 etc.

<<<<<>>>>

::: M87

Our M87 specialist, Igor, sent us two messages this month:

9846 kHz, 0130 UTC, 18 March. 2

249 249 249 000 000
249 249 249 000 000
249 249 249 000 000
249 249 249 000 000
249 249 249 000 000
249 249 249 000 000
249 249 249 000 000
249 249 249 000 000
249 249 249 000 000
249 249 249 000 000
t t t

11250 kHz, 0630 UTC, 19 March.

... 945 945 333
945 945 945 945 945 945 945 945 333
945 945 945 945 333
945 945 945 945 945 333
945 945 945 945 333
945 945 945 333
= 03 03 50 50 =
=
=

nt5a7 tna76 d47ta 75d4u 5t6ud un3t5 d364t ud465 d3n47 ad5n6
nt643 643ut dun4a n57au a7un3 63t57 ua3nt d4tua 4d5tu 76d43
76d4u nt6u5 3nt6a 4d5tu 75d43 5a6u7 a6unt 5n6a3 d6n54 a74d5
73nt4 673at 3at7u 4u5a3 u7nt5 6u3nt 73nd4 nt6a7 5dau3 7a635
d5n6a ud643 7u43n 637d4 d45ua 6u74n tn4ad n465a ud5t3 6u73d =
= 04 04 50 50 =
d4ta5 7d4ua u5n6t 3n475 adut6 ua3nt nt647 t3a7n d4u5a 4tda7
d5t6a 5u673 a7354 7ud6n d6t54 6u3da 3nt65 73d4u 5u7d4 7645a
734d5 ad36u tun3a 4n5t6 a5u7n 436ua ntua7 da3tn 4t5ad 6u4da
7d364 t6du5 3nt64 7u53n 5a6u7 t576u 6u374 5t64n d4n56 7uant
7tdd7 t5a6n 3u75n t653a 67343 4u6n6 73ua5 6t375 63nt4 3tndt =
333 333
= 03 03 50 50 =
=
=

nt5a7 tna76 d47ta 75d4u 5t6ud un3t5 d364t ud465 d3n47 ad5n6
nt643 643ut dun4a n57au a7un3 63t57 ua3nt d4tua 4d5tu 76d43
76d4u nt6u5 3nt6a 4d5tu 75d43 5a6u7 a6unt 5n6a3 d6n54 a74d5
73nt4 673at 3at7u 4u5a3 u7nt5 6u3nt 73nd4 nt6a7 5dau3 7a635
d5n6a ud643 7u43n 637d4 d45ua 6u74n tn4ad n465a ud5t3 6u73d =
=
333
= 04 04 50 50 =
=
=

d4ta5 7d4ua u5n6t 3n475 adut6 ua3nt nt647 t3a7n d4u5a 4tda7
d5t6a 5u673 a7354 7ud6n d6t54 6u3da 3nt65 73d4u 5u7d4 7645a
734d5 ad36u tun3a 4n5t6 a5u7n 436ua ntua7 da3tn 4t5ad 6u4da
7d364 t6du5 3nt64 7u53n 5a6u7 t576u 6u374 5t64n d4n56 7uant
7tdd7 t5a6n 3u75n t653a 67343 4u6n6 73ua5 6t375 63nt4 3tndt =
= 000

<<<<<>>>>

WUN-v10

::: M89

The Chinese military stations were widely heard and reported.
 V GM2Z GM2Z GM2Z DE PNW9 PNW9 5628 kHz
 V CP17 CP17 CP17 DE L9CC L9CC 3527, 3550, 3552, 7058, 7076 kHz
 V LA8T LA8T LA8T DE NH8T NH8T new call???
 V LA5S LA5S LA5S DE NH8T NH8T various freqs
 V MW3D MW3D MW3D DE 2SLC 2SLC 3330//4440, 7076 kHz
 V BJCC BJCC BJCC DE 3SA 3SA 16664 kHz

16664 kHz, 0105 UTC, 24 March (logged by Igor)

v bjcc bjcc bjcc de 3sa 3sa msg nr 8773/o35
 v bjcc bjcc bjcc de 3sa 3sa msg nr 8773/o35
 v bjcc bjcc bjcc de 3sa 3sa msg nr 8773/o35
 ck 21 o324 o355 =
 t6du 777t 5t73 5n33 5u66 7u6a a464 tu7a 3a6a 5dau
 3uau 47n3 a5ua ntd3 7au4 ad44 ndt3 45u4 a6d4 na4d
 4a4d

d773 t35 ua t3u4 t355
 t6du 777t 5t73 5n33 5u66 7u6a a464 tu7a 3a6a 5dau
 3uau 47n3 a5ua ntd3 7au4 ad44 ndt3 45u4 a6d4 na4d
 4a4d

<<<<>>>>

::: M91

2362 kHz: Marker "FEKR" on 1-3-2004 at 2135 UTC
 -0-0-0-0-0-0-0-0-0-0-

* VARIOUS MODES *

XSW 3828.9 kHz, squeaky wheel channel marker
 S28 4625 kHz, the Buzzer
 S30 3756 kHz, the Pip
 XSL 6250, 6417, 6445, 8313.5, 8588, 8703.5 kHz
 X06 7680 kHz, 2109, 18-3
 7820 kHz, 2000, 09-3
 8124 kHz, 0550, 13-3
 13506 kHz, 1220, 06-3

X06 logs by Jochen and Gert via ENIGMA 2000.

<<<<>>>>

::: XP

Several monitors asked me why I hardly mention XP these days. Well, I have very little time to monitor these stations myself and new variants are reported regularly. ENIGMA 2000 covers these stations quite extensively so you can always look for XP info in their newsletters. They can be found on the N&O website. Three of you asked for the tone sequences of each variant. The ENIGMA newsletter #21 mentions the following sequences:

XPA: A major article will be produced in the near future, final analysis, checking and pre-publication editing is currently being undertaken by the ENIGMA 2000 XP Desk.

XP: Tone (Hz) 303 319 495 511
 Value space end start repeat
 Tone (Hz) 335 351 367 383 399 415 431 447 463 479
 Value 0 1 2 3 4 5 6 7 8 9

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XPH: Tone (Hz) 1304 1271 992
Value space separator repeat
Tone (Hz) 1234 814 844 879 914 954 1038 1089 1143 1202
Value 0 1 2 3 4 5 6 7 8 9

XPM: Tone (Hz) 450 488 531 568 611 649* 692 730 773* 811* 854* 891
934 972 1015 1058* 1096* 1177*
Values: still under investigation, tones marked " * " are used only for the longer duration tones.

XPL: Pairs of non-harmonically related tones combined to give a resultant, as heard, audio tone.
Tones (Hz) 150/235 165/255 180/245 205/260 215/290
Resultant (Hz) 80 90 65 55 75
Values: still under investigation.

An example was supplied by Paul:

XP, 12123 kHz, 0720 UTC, 5 March, ID 915, DK/GC 00865 00257.

915 915 915 1 915 915 915 1 915 915 915 1 915 915 915 1
915 915 915 1 915 915 915 1 915 915 915 1 915 915 915 1
915 915 915 1

00865 00257 72857 17178 25227 07939 37674 50352 24380 28667
95143 02121 89678 08735 60676 00943 44901 80139 92739 93389
82389 14953 66057 05736 19495 05705 18772 55006 35691 08957
11438 29851 82575 63053 20236 35632 66828 71121 88289 79018
95421 62249 99857 01744 86932 36165 81726 84610 94835 21865
09231 85794 52917 60614 10629 04996 02561 27526 05386 82369
75485 04764 73346 38051 28891 16397 72457 36749 55532 27825
36100 97004 57586 42508 87462 11253 10535 25679 91873 78609
32856 45038 59846 61438 41487 51223 07429 69300 01315 44208
98046 08446 62139 28285 14256 39605 45458 66232 94058 84559
03385 55681 31844 86325 47815 49917 77440 92840 36952 98589
48466 07958 80458 25342 36037 49961 43367 87514 29379 51805
91813 93559 90519 36280 15997 02682 27757 56300 09793 42964
62479 57227 84715 37168 79837 89486 39451 55585 59972 51858
84740 73063 09761 21253 97050 75560 65202 94819 46739 18692
61720 11984 85949 07976 18405 95608 43100 10981 49776 69307
04592 21558 82853 80647 55510 22887 52910 79567 94121 77321
75303 72808 94329 41715 47890 16191 47885 10909 18073 22127
07837 05150 67997 69485 88818 99974 35247 00966 79280 50146
24183 16778 81100 95046 83224 15457 46390 37161 05232 78286
88442 37491 79714 98321 51969 06222 09382 16034 73464 05337
17752 28714 97338 23128 98690 37125 42975 15821 67232 47231
93419 85713 13169 96558 79280 72890 76189 14131 02429 30971
21106 07116 69805 80825 52884 29285 42155 06166 42551 30958
63772 54347 14495 63752 97249 46367 02470 37405 52680 89915
10591 56786 52331 83174 52597 47115 82749 82244 86419

<<<<<>>>>

::: RADARS ETC.

Iran:
14000 OTH Radar; 3 pulses per second.

Cyprus:
The OTHR based near Akrotiri was heard on a number of frequencies:
21000, 21015, 21075, 21090, 21170, 21190, 21270, 21320, 21375, 21410,
21420, 21435, 24900, 28205, 28280, 28365, 28495 kHz.

Unid location:
28110 kHz; frequency hopper, system: Racal/Thales

WUN-v10

-0-0-0-0-0-0-0-0-0-0-

* UNID STATIONS *

::: PIP STATIONS

All our Japanese correspondents have sent us a number of "pip" logs this month. The 2-second pip is heard very often on at least 7 different frequencies. You can often hear 3 or 4 frequencies in parallel.

- One pip every 2 seconds: 8340//10470/14425 kHz. At other times also heard on three or four parallel frequencies: 3115//5455//8340 kHz and 5455//6214//6230//8340 kHz. 8340 kHz has a distinctive hum. The station transmits frequently coded messages in hand-keyed CW.
- Three pips per 2 seconds: 3066.5//10061.5 kHz.

<<<<<>>>>

::: "2"

The unidentified marker "2" is transmitting from the extreme NE corner of China. Its purpose or user is still unknown.

The station transmits every 30 seconds a "2" on 10140.5 kHz. Mode: CW. No other transmissions have been noted so far.

<<<<<>>>>

::: UNID 1: UXSF

Remember the station on 4993 kHz who was keying "UXSF" daily at 1600 UTC? He took a vacation by the end of February and asked his colleague to take over on 4632 kHz keying "Y8F1" at 1600 UTC daily for 2 minutes as per March 1st. Still no clue about its identity.

<<<<<>>>>

::: UNID 2

Attu Bosch found an unid CW station on 4139 kHz. The transmissions are hand keyed and the transmitter wasn't very stable. It drifted after a while. Attu heard this on 7 March, 1435 UTC:

67538 /2 bt
94764 16438 /2 bt
421738 6555 /2 bt
8838 19711 /2 bt
38203 29683 /2 bt
46091 43717 /2 bt
4568 054106 /2 bt
18870 37513 /2 bt
25905 74677 /2 bt
72971 14399 /2 bt
63268 51986 /2 bt
287806 74225 /2 bt
02600 8767 /2 bt
23941 844032 /2 bt
912645 80805 /2/ bt
511574 8733 /2/ bt
778320 0540 /2/ bt
135297 1643 /2/ bt
02705 /2/bt
27587 9293 /2/ bt
45980 8163 /2/ bt
51642 45759 /2/ bt
91071 20333 /2/ bt

89101 00878 /2/ bt
 28260 18 /2/ bt
 28260 18098 /2/ bt
 22254 85619 /2 bt
 93869 22439
 R ? AR

Igor Buhtiyarov heard a similar transmission on the same frequency on 16 March at 1603 UTC. The message was rather long so I have omitted a part of it. The station uses a short zero. Attu did you notice this too?

aa 2 = 71812 69731
 aa 2 = 89175 2t424
 aa 2 = t6731 t4544
 aa 2 = t5tt3 7tt22
 aa 2 = 4t941 89843
 aa 2 = t4315 38548
 aa 2 = 64855 65t68
 aa 2 = 61572 5111
 aa 2 = 44199 47t8t
 aa 2 = 4t472 6t721
 aa 2 = 39186 185tt
 aa 2 = 68t14 186t6
 aa
 aa 2 =
 nr ?
 aa 2 = 11242
 aa 2 = 81543 27tt8
 aa 2 = 53779 6t868
 aa 2 = 36195 33188
 aa

<<<<>>>>

::: UNID 3 "VTI8"

Another observation from Attu concerns a station that has been reported before and which is still an unid.

The station uses callsign "VTI8" and can be found on 3700 kHz. No-one has reported anything else than a marker which is being sent from 25 to 35 minutes and 55 to 05 minutes each hour.

Further reports are most welcome.

-0-0-0-0-0-0-0-0-0-0-

* CIS NAVY *

The following very interesting item was compiled and written by Fritz Nusser. Thanks a million, Fritz!

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2. Main branches of the CIS Navy
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 - The Mediterranean Eskadra
 - The Naval Air Force

3. CIS Navy HQ RIW
Frequencies, call signs and message formats
4. Northern Fleet HQ Severomorsk RIT
Baltic Fleet HQ Kaliningrad RMP
Black Sea Fleet HQ Sevastopol RCV
Pacific Fleet HQ Vladivostok RJS
Frequencies, call signs and message formats
5. Naval Air Force AV-MF (Aviatsiya Voyenno-Morskoye Flota)
Frequencies, call signs and message formats
6. Station "RDL"

1. INTRODUCTION

Around 30 years ago monitoring the Soviet Navy Morse communications was very rewarding. Every flotilla had its individual "style". Comparing preambles, call signs or just some habits of the operators frequently allowed us to assign the messages unambiguously to a fleet/vessel. Namely the Black Sea Fleet was easy to trace from Europe when they sailed Odessa. Much has changed since, complicating the life of the inclined eavesdropper. Maybe one of the reasons of the modernization was the disastrous Warsaw Pact adventure in the former CSSR 1968. Serious supply gaps, due to comms problems, forced operators to order provisions even in plain Russian.

Years later WAPA came up with a common preamble for all forces. It is well known and still in use at all tactical and point-to-point CIS networks:

QTC	162	30	18	1202	162	= 517 =	ppppp or 11111
	msg	group	day of	local	msg	addressees	encryption
	nr	count	month	time	nr	details	info

text: 5ALG x28 (5 accented letter groups) or 5FG x28

last group: azkbz or 18028

code	1	2	3	4	5	6	7	8	9	0
	a	b	w	g	d	e	v	z	i	k

The last group does not contain accentuated letters. These are:

Morse Code	spoken
ä .-. -	ja
ö --- .	ch
ü ..- -	ju
ch ----	sh

CIS Navy stations do use this preamble or variants: the last group is not coded, group count may differ by 1, etc. The same preamble is used for Meteo bulletins and Nautical warnings, which in turn, may originate from merchant shipping. As we do not know, to a large extent, the meaning of the call signs, it is not even possible to separate RUS and UKR stations positively. Without professional DF-Systems, (my Grahn Loop definitely is not good enough) we often cannot assign stations to a geographical region. Even worse: Tactical networks in Russia and Ukraine normally change call signs daily. And be careful, when trying to distinguish stations on the base of the local time group: this is the message preparation time, which may differ by hours from the local transmission time. Navy Nautical warnings often have been issued the day before. Using "CIS" instead of RUS, BLR or UKR keeps me on the safe side.

Nowadays there still is much Morse traffic to listen to. And the Navy

must have good reasons to do so - even aboard of aircraft. Morse CW is cheap and straightforward; many examples suggest, it often is used as last attempt in case of technical - or propagational problems. It is however absolutely clear: the vast amount of data is exchanged by fast RTTY, the keen CW listener is feed off with a few crumbs, don't expect to catch RIW daily on 11000!

Much of the following information may be outdated, incomplete or even absolutely wrong. Please forgive me! I did browse my own loggings, many Navy Websites (with inconsistent contents), some WUN/N&O Newsletters, useful hints of Tom DL8AAM, I checked the archive CD of Klingenfuss Publications and tried to make the best out of it. If you do know better than I - and there is no doubt, many do - please let me know, thanks.

Fritz

2. MAIN BRANCHES OF THE CIS NAVY

Headquarters

HQ	Moscow	Call sign RIW
----	--------	---------------

Northern Fleet

HQ	Severomorsk	Call sign RIT
Naval Bases in	Kola Motovski Gremikha Ura Guba	
Facilities in	Litsa Gulf Severodoninsk Polyarny	
Home ports for	37 nuclear submarines 22 other submarines 47 principal surface combatants 10 coastal and small ships	
Naval Aviation	20 Su-39 fixed-wing aircraft 10 antisubmarine warfare helicopters	
Shore based aviation	200 combat aircraft 64 helicopters	
Ground Forces	2 naval infantry brigades 1 coastal defense regiment 1 air defense missile regiment	

Baltic Fleet

HQ	Kaliningrad	Call sign RMP
Naval Bases in	Baltiysk Kronstadt	
Home ports for	9 submarines 32 principal surface combatants 100 other surface vessels	
Naval Aviation	112 combat aircraft	
Ground Forces	1 naval infantry brigade coastal rocket unit	

Black Sea Fleet

HQ	Sevastopol UKR	Call sign RCV
Naval Bases in	Odessa UKR Ochakov UKR Chernomorskoe UKR Novoozernii UKR Feodosiya UKR	
Naval Base near	Novorossiisk RUS	
Home ports for	44 *) surface combatant 80 *) auxiliary vessels	

*) Russian and Ukrainian sources state quite different figures.

After the disintegration of the former Soviet Union 1989 a series of agreements arranged the Black Sea Fleets partition between Russia and Ukraine.

Pacific Fleet

HQ	Vladivostok	Call sign RJS
Naval Bases in	Kamchatskiy Magadan Sovetskaya Gavan Petropavlovsk	
Home ports for	50 nuclear submarines 25 non-nuclear submarines 65 major combatants	
Shore based Aviation	250 combat aircraft and helicopters 2 Bomber regiments	
Ground Forces	1 Naval Infantry Division, later reorganised into brigades	

Caspian Flotilla

HQ	Astrakhan	Call sign unknown, if any
Naval Base in	Aktau KAZ	
planned in	Fort Shevchenko RUS and in Aral RUS	
Home ports for	2 frigates 12 patrol boats 50 other small vessels	

The Caspian Flotilla is a small fleet for coastal defense and waterways patrol. Command and equipment are shared with Azerbaijan and Kazakhstan.

Mediterranean Eskadra

HQ	Tartus SYR	Call sign unknown, if any
Naval Forces	1 aircraft carrier 1 destroyer 1 frigate 1 tanker some nuclear submarines with SLBMs	

The Warsaw Pact ceased to exist in 1991 and the powerful Soviet Mediterranean Eskadra withdrew from the Mediterranean. In 1996 battle ships, guided missiles cruisers and some auxiliary ships of the Russian Navy for the first time again deployed in the Mediterranean to show flag. Since then Russian Navy ships came back to monitor the crisis in former Yugoslavia and for bilateral operations with the US Navy.

Naval Air Force (Aviatsiya Voyenno - Morskoy Flota AV-MF)

Headquarters		
HQ	Moscow	Call sign RJF94 *)
Black Sea Fleet Naval Aviation (VVS ChF)		
HQ	Sevastopol UKR	Call sign RJC48 *)
Bases in	Gvardeyskoye UKR Veseloye UKR Oktyabrskoye UKR Kulbakino	
Baltic Fleet Naval Aviation (VVS SF)		
HQ	Kaliningrad	Call sign RCB *)

Bases in Chkalovsk
Nivenskoye
Bykhov BLR

Northern Fleet Naval Aviation (VVS NF)

HQ Murmansk Call sign RJC38 *)
Bases in Olenia
Arkhangelsk
Lakhta
Severomorsk
Kipelovo
Kuznetsov

Pacific Fleet Naval Aviation (VVS PF)

HQ Vladivostok (?) Call sign RCH84 *)
Bases in Petropavlovsk
Sovetskaya Gavan

*) These call signs actually are in use. The allocations would make sense, but are absolutely not confirmed.

Another, quite trustworthy approach I found elsewhere:

RJF94 HQ Naval Air Transport
RJC48 Naval Air Transport Southern Sector
RCB Naval Air Transport Western Sector
RJC38 Naval Air Transport Northern Sector
RCH84 Naval Air Transport Eastern Sector

3. CIS NAVY HEADQUARTERS MOSCOW CALL SIGN RIW

RIW is more or less regularly on the air. It listens on several frequencies and answers on 14556 11000 9145 in first instance. Two or all three frequencies may operate in parallel.

Many examples of traffic suggest, RIW uses CW, if propagation or technical problems do not allow the use of fast transmission modes. RIW operates very smart, keeps calling for a long time, reduces speed and even uses words in plain. If the station does not comply with regulations, he will tell him soon or even pretend not to understand, thus making the station repeating over and over again. The signal becoming weak or nil means he turns antennas and you may be nulled-out. Don't draw a line from Moscow to your QTH, making guesses: RIW is a function (HQ) and not a transmitter site. Smolensk is just one possibility. As one of its main purposes, RIW allocates frequencies for further traffic, which in many cases is in Encrypted Voice (VOCODER).

Two systems are known:

1. "Yakhta" with its typical superimposed 100 Bd FSK signal for key exchange;
2. MS-5, a parallel 12 tone 200 Bd system, easy to recognise for its pilot tone 3300 Hz above the signal frequency.

If data have to be transmitted CIS Navy would use Navy Broadcast 36-xx (Bee). A synchronous bit stream FSK system starting with 36 Bd. Tfc is in higher speed. (See the note about station RDL).

Maybe CIS Navy uses one or several systems of Simplex RTTY like CIS-81, CIS-36 MFSK 33 tones or Duplex RTTY like CIS-11, CIS-14, etc. Systems which are in wide use in RUS Intel and other CIS Forces. My knowledge and equipment are however just below basics to tell anything clever...

For MS-5 traffic RIW would use the following instructions:

14556 kHz	1410z	RFH70 de RIW QSA2 QSA? k	(no answer)
	1425z	RFH70 de RIW k	(no answer)
	1437z	RFH70 de RIW k	
	1447z	RFH70 de RIW QYT4 QWH 9700/9700 = 12056/12056 QSX	
		8440/8440 = 12414/12414 k	
9700 kHz	1450z	MS-5 tfc	

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14556 kHz 1500z RFH70 de RIW QYT4 QMO ok? k
RIW QLS ok? k

.....
CIS Forces use an extended set of Q-Codes. Some are known, many others not. Accented letters are not used. Some examples:

QYT4 : I will use MS-5 system
QWH 9700/rptd = 12056/rptd: I will send on 9700, alternatively on 12056
QSX 8440/rptd = 12414/rptd: I will listen on 8440, alternatively on 12414
QYT4 QMO : Adjust your MS-5 system
QLS : Use (upper) alternative frequency.

Luckely we can hear one of the CIS Forces xxx Flash Messages.

14556 11.8.03 0730z uuu uuu uuu xxx xxx
REO REO 89292 bogarnyj 731 00611 k

uuu : The Cyrillic "Y" used as vvv ?
REO : Collective call, unit unknown.

5383 16.11.03 1730z WLHN de RIW xxx xxx
IA6N IA6N longbanit 2174 5893 k

WLHN : Is believed to be a collective call.
Maybe the message includes instruction of
how to confirm, therefore the "k".

Messages in the normal CIS format are sent from time to time.

14556 11.8.03 0800z RDND de RIW QTC k
RIW 973 22 11 1105 973 =
ppppp (5ALG) rpt al RIW k

ppppp : Encryption information.
5ALG : Text in Accented 5 Letter Groups.

If a station does not reply fast enough or has problems with the Net Control Station, RIW will keep it waiting or will tell it.

10676 11.8.03 0850z RJK69 de RIW QYT4 QSX 9733/9733 =
11094/11094 QWH
12746/12746 = 14600/14600 ok? k
RIW de RJK69 QRS rpt k
RJK69 de RIW QCZ k
RJK69 de RIW QYT4 QSX 9733/9733 =
11094/11094 QWH
12746/12746 = 14600/14600 ok? k

QRS : Send slower
QCZ : You are violating circuit discipline.

Other possibilities might be:

QCA : You are delaying traffic.
QXX : Op hampers traffic, request relief.

Quite often RIW relays messages to others:

14556 11.8.03 1400z RFE76 de RIW QTC 411 66 11 1607 411 =
sm1 fm RMP =
rrrrr (5ALG) RIW k

sm1 : Frequently used, meaning ?

Another example of RIW traffic:

14556 10.12.03 0930z RIW QSA? QTC k
RIW 21 22 10 1305 21 = 11111 (5FG) =
rpt al + RIW

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RIW rpt corcol 5 17449 k
RIW c k

14556 0950z RAL68 de RIW QRC? k
RIW 416 121 9 0516 416 =
fm RIT for RMLZ = 5ALG RIW k

rpt corcol 5 : I repeat group 5
QRC : ??

Did something go wrong?

14556 7.1.04 1606z RGV82 de RIW QSU1 QSX 8228 ok? k
8228 USB Voice Plain RUS
14566 1618z RGV82 de RIW QSU1 sk RIW k

QSU1 : Use USB Voice Scrambler (system?)

This time again it lasted a long time to establish a MS-5 QSO.

14556 30.1.04 0915z RMZW de RIW QYT4 QSA4 QSA? k
RIW QLS QYT4 QSX 12398 ok? k
RIW QCM QYT4 QCM k
12398 0958z tfc MS-5

QCM : Your transmission is affected by
technical problems.

RIW ITU registrations amounts to 76 frequencies. The following may be
worth to try.

14556//11000//9145 kHz.

RIW exclusive,
primary listening/answering

4956
5128
5383
7580
8523
8536
8678
8788
9523
9573
9700
10176
10388

10676
10825
12056
12329
12736
12746
12825
12948
13086
13110
14024
14086
14600

RIW has contacts to many stations, some of them are listed here. Most
of the call signs I cannot assign. Namely the meaning of collective
calls are of vital interest to get any further.

RMXV RM** are most probably Naval Vessels

RMEG

RMDZ

RMBB

RMLZ

RMUE

RBIZ R*** probably Naval Vessels

RCJG

RCRE

RDND

RMP HQ Kaliningrad

REO Collective call (units unknown)

WLHN Collective call for Naval Vessels (units unknown)

RAL46
RAL68
RFE76
RFF78
RFH70
RFV99
RFX56
RGV82
RJH25
RJH57
RJK69
RJT22
RLA88

4. NORTHERN FLEET HQ RIT
BALTIC FLEET HQ RMP
BLACK SEA FLEET HQ RCV
PACIFIC FLEET HQ RJS

Due to propagational reasons I wasn't able to copy RJS so far. RIT didn't appear often in my logbook recently. RMP and RCV clearly favour certain frequencies and their weather Forecast - or Nautical Warnings Broadcasts can't be missed. They are sent in plain language and seem to correspond to those transmitted by Coastal Stations. The header used is the normal preamble. We may assume, that the call signs RKZ and REO used for Fleet Broadcasts are collective calls. Knowing collective calls used by RJS would help us much. Sometimes HQs maintain contact with other stations. Traffic may be Duplex - or Simplex Mode. Messages are 5FG or 5ALG with or without encryption group and coded end-group. They are both sent and received. Coincidence or not: I never copied a HQ with an XXX-message.

Some examples of traffic follow:

5224 12.2.03 0440z RGX94 de RCV QTC 726 40 12 0450 726 =
nawip = txt is Naut. Warnings +

nawip is often used, similar to outdated NAWS of
NATO ?

4079 12.2.03 2050z RKZ de RMP QTC 104 23 12 2222 104 = fm RJD69 =
22222 5FG(x21) 12021 +

RJD69 is a special call sign, very often used

6873 24.11.03 1533z RJD69 de RMP QYT4 QSX 5456 k

RJD69; this time called as station

3181 11.5.03 2037z ZRK7 de RMP QTC 281 22 12 0012 281 = fm RJD69 =
5FG(x23) k

11155 13.4.03 1421z ROK81 de RIT QTC 607 27 1754 607 = sml = 4FG =
+ RIT k
ok k
ok QRU k

sml : Frequently used, meaning?

11155 4.3.04 1515z RKW95 de RIT QSA1 QSA? k
RIT QRV k (receives msg number 809)
RIT QSL 809 k r k

11155 6.3.04 1420z same as 4.3., daily routine messages?

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6873 14.7.03 1530z RMAE de RMP QSX 4948 QWH 3685 k
RMAE is a Naval Vessel

5916 9.12.03 1540z RKZ de RCV QTC 179 114 9 1600 179 =
prognoz pogody ot 1800 9 do 1800 10 dehabrä ...
(Meteorological Bulletin)

6873 8.2.04 1550z REO de RMP QTC 671 41 8 1815 671 = sml =
baltijskoe more opoweqenie nr 490 (Nautical
Warning)

4055 13.2.04 1645z RIC87 de RCV QTC 168 37 13 1600 168 =
nawip = 031 256 karta 35120 ukraina
(Nautical warning)

N&O Newsletter Nr.70 received this logging:

7632 0030z RJS QSL QRR3 vvv vvv
later RGK39 de RJS QSA? k
0600z QSO RJS with RMAZ and RJQ60

Some current frequencies:

RIT: 5343, 6934, 7467, 11155 kHz
RMP: 3181, 4079, 5213, 5881, 6873 kHz
RCV: 4055, 4885, 5224, 5775, 5916 kHz
RJS: 3594, 10203, 13636, 13907 kHz

RIT: had QSO's with RLA88, ROK81, RKZ, RJI64, RMLZ, RFE76, RJD80, RKW95
RMP: had QSO's with REO, RIW, RJD69, RKZ, RUD76, RMAE, RGS57, RKF80,
RJI64, ROK81, RFF79, RGV82, LFJ1, ZRK7
RCV: had QSO's with RCJE, RHC84, RKZ, RGX94, RBE86, RMBB, RIP90, RIC87

By the way: Call signs with R*****

There are MANY other call signs of which it is not clear, whether they really are Navy ones. Many can be heard having QSO's, others are somewhere listed, but never have been copied. Here are a few examples:

3LG call signs

RAC	Navy. Collective Call of RJS?	
RAM, RIF, RKS, ROT	Moscow	Navy
RCN	Stepnyak	Unid
RFA	Astrakhan	Unid Coastal station?
RIB	Moscow	Unid
RJV	Tiksi	Navy
RKL, ROD	Murmansk	Navy
RMG	Saratov	Navy
RMT	Chelyuskin	Navy Antarctica
ROR	Nizhniy Novgorod	Navy N.N. was Gorki
RUA	Petrozavodsk	Unid Coastal station?
RUF	Sevastopol	Unid Coastal station?
RUT	Unid	Navy
RUH	Unid	Unid

4LFG call signs (I think they all are not Navy)

RAL2, RFH2, RDU2	Interesting ones, sometimes hopping around on many frequencies. NCS is RAL2 asking "QSA" and, if satisfied, tells next frequency. Testing frequencies?
REK4	Unid
RFP8	Povorothny

RFR6	Pioner Sovkhoz
RKA2	Unid
RHW2	Unid
RLO2	Unid
RMW2	Unid

5LFG call signs (May be Mil, Meteo, TS, Intel, Mil Navy)

RAL46, RAL59, RAL68	Navy
RFF78, RFF79	Navy
RGX94, RGX96	Navy
RJD80, RJD85, RJD99	Navy
RMW32, RMW33, RMW36	Navy

5. NAVAL AIR FORCE AV-MF

Please remember the reservation made in 2. concerning call sign allocations and the correct designation of these forces. 8816 kHz is allocated to Aeronautical Mobile Services for the following Regional and Domestic Air Routes Areas:

4A	North West Africa
6G	China
12C	Mexico
13J	Brasil
14A	South of Australia

8816 is regularly, but apparently illegally, used by CIS Naval Air Forces. Consequently their Four-Letter Location Indicators are for "internal" use. XLLS, XMKK, etc apparently are used because ICAO did not assign the X*** series. ULOL is Velikiye Luki, a town about 400 km West of Moscow, is often served and does belong to the Russian Federation Series UL** of Location Indicators. UMWS most probably is an airport in Kaliningrad or Belarus, but not officially listed.

Let's have a look at the following example. Aircraft 26855 reports his flight from location XMKK to location XMKK. On its way it passes UMWS and ULOL and will, later in the evening, return to XMKK. Reports are made to the Regional Air Traffic Control RCB and to the HQ RJF94. Both stations do repeat the whole message until acknowledgement by the mobile.

8816 kHz, 30.01.2004

1535z	RJF94 RCB de 26855 QSA? QTC k 26855 de RJF94 QRV k 26855 de RCB QRV k 26855 QTO QTR 1525 QRD XLLS XMKK QRE UMWS 1625 QAH 5700 k (RJF94 repeats message) k 26855 ok k (RCB repeats message) k 26855 ok k
1624z	RJF94 RCB de 26855 QTC k 26855 de RJF94 QRV k 26855 de RCB QRV k 26855 QQL UMWS 1622 QRE ULOL 1720 QAH 5700 QBD 0330 k (message repeated and acknowledged)
1715z	RJF94 RCB de 26855 QTC k 26855 de RJF94 QRV k 26855 de RCB QRV k 16855 QQL ULOL 1710 QAL XLLS 1805 QAH 5400 QBD 0300 k (message repeated and acknowledged)
1800z	RJF94 RCB de 26855 QTC k 26855 de RJF94 QRV k

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26855 de RCB QRV k
26855 QQM XLLS 1806 k
(message repeated and acknowledged)

2005z RJF94 RCB de 26855 QTC k
26855 de RJF94 QRV k
26855 de RCB QRV k
26855 QTO 1950 QRD XMKK XLLS QRE ULOL 2100 QAH 5400 k
(message repeated and acknowledged)

(continued....)

Official Q-Code series as well as CIS Codes are used:

QTC I have message for you.
QRV I am ready.
QTO I am airborne or I started at ... (hours).
QTR The time is ... (UTC used).
QRD I am bound for ... from
QRE Estimated time of arrival at/over ... (place) is ... (time).
QAH Flight level/altitude is ... (in meters or barometric pressure
in a standard atmosphere)
QQL I have passed ... (place) at ... (time).
QBD Fuel endurance is ... (hours and minutes).
QAL I estimate to land in ... (place) at ... (time).
QQM I will land in ... (place) at ... (time).

The following contacts have been logged:

Aircrafts 26858, 26855, 26896, 26869, 52880 had QSOs with the ATCs and HQ. RJF94 had QSOs with the ATCs. The ATCs had QSOs among themselves. Only RJC48 once contacted a "foreign" station: RDG90.

6. STATION "RDL"

Listening to the CIS Forces communications without copying sooner or later RDL is rather unlikely. Officially it is listed as CIS Military Headquarters Moscow and many transmitting sites like Molodechno, Smolensk, Arkhangelsk or Krasnodar show up. A reasonable conclusion suggests RDL does form part of a VLF network together with RLO (St. Petersburg) and RKS (Moscow), both belonging to the CIS Navy. I believe RDL has to do with the CIS Navy, but unfortunately don't have any information about RKS and RLO.

RDL officially is listed on 19 frequencies, probably not all the right ones for the inclined listener Try these:

4031, 6902, 7008, 7657, 9182, 10535, 10490, 11139, 11468, 11470, 12740, 12832, 14656, 14664, 19257.5, 20096, 21284, 22864 kHz.

The most popular frequency however is 18.1. RDL is regularly on the air, traffic is on both in Morse CW and CROWD 36-50 for Navy Broadcasts. If you attempt to copy RDL on 18.1 be careful: the French Station HWU on 18.3 may interfere. With a ferrite rod antenna HWU is nulled out. Never mind, if your receiver doesn't cover 18.1. Often enough other frequencies are in parallel, e.g. 12832 or 19257.5 kHz.

Some sample messages of RDL:

18.1 29.1.04 0945z uuu uuu RDL RDL RDL
88732 32267 88732 32267 88732 32267 k

A very common format, always two 5FG rptd. who should answer and how?

18.1 29.1.04 0917z xxx xxx (then continues with RTTY)

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xxx is in Morse, maybe it is used to activate some automated recognition system. (XXX XXX indicates a flash message -Ary-)

10535 16.3.03 1500z xxx RDL 54837 33099 bajdvarahi 4572 9942 k (x2)
 uuu xxx 12746 51118 birüzomyj 8887 0840
 birmanskir 0495 5997 k

22864 16.2.04 1009z xxx xxx RDL RDL 20699 werwica 5690 01 1357 1247 k

7657 18.2.04 1610z xxx xxx RDL RDL 25120 08122 oteoina 2928 4286 k

I never copied RDL having contact with an individual call sign or using the usual CIS preamble.
 RDL seems to be of great importance, understanding its habits would bring us ahead considerably.

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* RUSSIAN / UKRAINIAN / CIS MILITARY STATIONS *

Logs submitted by Jim, Sergey, Igor, Alf, Eric and John.

Frequency	QSX	Callsign / remarks
18.1		RDL: Russian Military VLF Site Krasnodar. From Nizhny Novgorod VLF site after site-switching tests
3334		ZYDT, P1S1, 9BN8
3348	3819	PQ6Z, MIXS, GGSR, 8AVL, PFQ2, BAPC
3538		EIPS, MMSK, HO7H unid
3550		HPR5, BQQJ
3692.5		RJD56 Russian navy vessel clg RCP
3811		4PRP, Z7A3, LGJ3, 8J3V
3819	3348	SLP4
3884		MYFE, BI2V, SKNB, 4UGI, VXHD, DVZQ, EDZB, ZWDB, 6ZG3, BIZV, SKNK, 4UGI, VXHD, DV2Q, EDOB, ZWDB, VHIA, LHVW, X5ML
3899		OQB9
4021		VNGE, 6ZM4
4261		DSKZ, IYCS, IZ2G, CTAW
4379		REA4: AF HQ Moscow //8585 khz
4447		FSCI, TP3N, H3SY, OCFG, F2HX, ZMLG, IZBW, HRX1, OGO4, KMMB, VU9Y, 3KPZ, OQB9
4456	3954	6KMN, Z7A3, LGJ3, 8J3V, VPLP, FDX6, 5DSE, SI8E, L9GN, KFZZ, DHN2
7041	7041	DFYQ, CIXG, C8NM, KOC4, MYSZ, 4EPE
8585		REA4: AF HQ Moscow //4379//5157//7852 khz
8816		RJF94: Russian Naval Air Net Moscow
10531		RCY7, RJF9H, RA098
10673		REA4: AF HQ Moscow //11408//12736 khz
11408		REA4: AF HQ Moscow //10673//11408//12736 khz
12736		REA4: AF HQ MOSCOW
14555		Khiva Naval working RFF78

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* POLISH STATIONS *

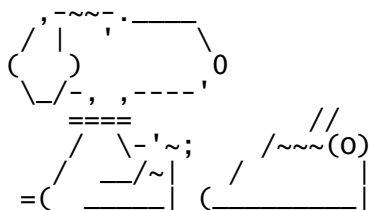
2536.5 khz: Malini 25 wkg Zgiecie 07

2701.0 khz: Epiforat73 wkg Breton 04 and Ciagadlo 83

Thanks for the logs, Maciej.

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||||| PRODUCTS and BOOKS Review |||||



Editor.....Bob Margolis
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The North American NDB Handbook CD 2004 Edition by Michael Oexner
The European NDB Handbook CD 2004 Edition by Michael Oexner

(EDITOR'S NOTE: Both CDs are available. This article is based on the North American edition, which Mr. Oexner kindly sent to me for review. Paper editions of The North American NDB Handbook and The European NDB Handbook are also available. See the ordering information at the end of the column.)

System requirements: Standard PC with CD-ROM drive and Microsoft Windows 9x (or later) operating systems. Comes with Adobe Acrobat Reader 6.0 to read five pdf-formatted files on the CD. Earlier versions of the Reader will not work with this CD, so you will have to uninstall the earlier versions and install this latest one. After the installation be sure to read the readme.txt file before using the CD.

The NANDBH 2004 CD contains data of more than 3500 active NDBs located throughout North, Central and South America, the Caribbean and the Pacific. Many of the more frequently heard transatlantic NDBs are included, as well as NDBs operating from offshore installations such as oil platforms. Moreover the CD lists widely reported unidentified beacons and irregular callsigns which result from so-called "negative keying".

The CD is divided in several sections. They are

Introduction

- What are non-directional beacons and how they operate.
- What you will find inside the handbook.
- Explanatory notes for Part 1.
- Modulation offsets
- Negative keying
- Nearest NDBs to the user's location. CD are personalized for individual users.
- Morse Code, which is used for beacon identification
- ITU country codes

(The next five sections in pdf format provide details about the NDBs. Each section lists NDB callsigns, carrier frequency in kHz, modulation frequency in Hz, NDB type, NDB name, state or province location, country in ITU country code, geographic latitude, geographic longitude, distance between listener's location and the NDB in kilometers and miles, and Great Circle bearing of the NDB's location to the listener's location. The pertinent portion of the data for each section is highlighted

in bold type. The distances and Great Circle bearings are computed for the individual listener's location after the CD handbook is placed on order.)

NDBs by callsign

NDBs by frequency

NDBs by country

NDBs by state and province

Decommissioned NDBs

NDB pictures

Pictures of European NDBs

Pictures of North American NDBs

NDB sounds

A collection of NDB sound clips from around the world.

Maps

Two maps centered on the listener's location. One covers a radius of 3,500 kilometers, the other 7,000 kilometers.

Software

Five programs of use to NDB DXers: GCMWIN to create great circle maps. QRBQTE to calculate distances and bearings, SPECTRAN and ARGO to visualize and analyze NDBs using the computer's soundcard, and B_KEYER for "cracking" negative keying NDBs.

Links

Six WWW links for additional information on NDB DXing.

Credits

Providers of pictures and sound clips for the CD.

Contact

Click on this word and a blank e-mail opens up addressed to Oexner for you to write to him.

The paper editions are The European NDB Handbook, 2004 edition, and The North American NDB Handbook, 2004 edition.

The ENDBH 2004 consists of more than 140 spiral-bound pages in A4 format containing data of more than 5200 NDBs located throughout Europe, North Africa, and the Near and Middle East. Many of the more frequently heard transatlantic NDBs are included, as well as NDBs operating from offshore installations such as oil platforms. The handbook lists widely reported unidentified beacons and irregular callsigns which result from so-called "negative keying".

The NANDBH 2004 has more than 200 pages and is aimed at North American DXers. It contains data of more than 5100 NDBs located throughout North, Central, and South America, the Caribbean and the Pacific.

Both handbooks are arranged in sections just as if found on the CD. The CD version allows for printing any pages, or all, you desire.

More information on the handbooks and CDs is at <http://lwca.org> and more specifically at <http://lwca.org/miscdocs/Oexner/OexnerNDB.htm>, or send e-mail questions to michael.oexner@web.de.

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When ordering the CD don't forget to specify the geographic coordinates of your listening post. The recommended format is degrees/minutes/seconds. Also specify whether distances should be given in kilometers or miles.

Send in your order and advance payment to
Michael Oexner
Hainfelder Str. 1
D-76835 Roschbach, Germany

All handbooks and CDs are produced individually. A production time of two weeks is to be expected. Surface delivery to the United States and Canada can add up to 10 additional days. Since all copies are custom made, Mr. Oexner assures users their copies will have the latest data updates.

ENDBH and NANDBH each costs 30 euros, or 25 BPS, or U.S. \$35 to Europe, U.S. \$35 by surface mail to North America, and U.S. \$45 for airmail to North America.

ENDBH CD and NANDBH CD each costs 25 euros, 20 BPS, or U.S. \$30 to Europe, U.S. \$30 by surface mail to North America, and U.S. \$35 for airmail to North America.

Customers in Germany can pay via bank transfer. Customers outside Germany may send cash payment in euros, British Pound Sterling, or U.S. dollars, but are cautioned to conceal the money well inside the letter. U.S. and Canadian customers may also send checks, cashier's checks, or postal money orders all in U.S. dollars. All customers may also use online PayPal to remit payment.

When placing your order please mention that you learned about the handbooks and CDs in the WUN newsletter. Thank you.

Bob Margolis

UTILITY ROUND-UP #####
Editor: Ary Boender (ary@luna.nl)
Nickname on #monitor & #wun: Ary-B

Hi and welcome to a new edition of the Utility Round-up. If the IRU will approve, a new morse character will be added to the code soon. The new character is the "@" necessary for transmitting e-mail addresses in CW. It will be "AC" run together (.-.-.)

Glen asked for the .pdf document that describes the LF-loop that was discussed on the WUN list somewhere in February. The loop was built by Klaus Betke, Glen, and the description can be found here:
<http://longwave.bei.t-online.de/smlloop.pdf>

Like WUN, the IRC chat channel #monitor is also almost 10 years old. Many WUN members can be found on this channel. It is a very useful addition to what we do here at WUN. One of the people who started #monitor is Jeff Chambres who recently sent us a note saying:

"I wanted to take a minute (this seems a good time to do so) to congratulate the many utility listeners who have visited our IRC channel #monitor. This will be our tenth year!!! We started with VERY humble beginnings on the EFnet and went on these many years on IRCnet.

I think I can take credit for starting this thing but I must
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admit it all came about do to a somewhat boring night on HF. Since then we have had guests and regulars from all parts of the world. We have enjoyed real time radio monitoring from Antarctica through one of our members and we have had the pleasure of meeting all sorts of interesting ute enthusiasts and monitoring from positions around the world simultaneously.

I think this upcoming 10th anniversary is a fitting time for me to say two things to WUN'ers:

- 1) Welcome newcomers to our group...anywun is welcome. See the bottom for info, and...
- 2) Encourage those who suffered through this recent "denial of service"/bug/whatever problem to come together. Let's all realize that the people who do these things to us have a goal of disruption. I know the people who subscribe here are not the type to sway under this sort of thing. In other words, my friends keep up the faith and let's DX some good ute.

To join us... if you do not have a irc program go here:

<http://www.mirc.com/>

We are on the IRCnet network. Our channel is called #monitor

If you have difficulty reaching us, please e-mail Jeff Chambers at jkchambers@adelphia.net"

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* TAXI, TAXI !!! *

Sergey sends us a couple of logs of Russian and Ukrainian transport stations. If you are interested in these stations, feel free to download WUN's Special Topics Report #9 from November 2003.

26385 kHz FM. 24 hrs. Car Tx-Rx: YOSAN JC-2204. Callsign of the base station: "1st" (Pervy) & car c/s: 2-digit numbers (for example, "88", "24" etc.).

Further info: <http://www.taxis.com.ua>
E-mail: taxis@nbi.com.ua
Office tel.: +380(44)2946746
fax.: +380(44)2948788

26985 kHz, Svce "Krik" (c/s - "Petrovka"), Moscow
27175 kHz, Auto rescue svce, Kiev
27185 kHz, Rescue svce , Moscow
27515 kHz, Auto info svce "Polet-27", Moscow

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* AFRICAN REPORT *

The following items were reported by the IARU Intruder watch. Thanks for your contributions guys. Much appreciated!!!

::: SOMALIA

The Somalis can be heard on a large number of frequencies such as: 7000 (id Baidoa), 7007, 7011 (calling Mombasa), 7020 (id Afmadu, Galkayu), 7022 (id Kismayu), 7023, 7028, 7029, 7030 (id Berbera), 7036, 7040, 7046, 7048, 7050 (id Afmadu, Bardera, Nairobi also calling Garissa & Hagadera), 7061 (id Lugh, Kismayu, Burao, Bardera, Wari, Bulla Hawa, Baidoa), 7070 (id Asmara, Afmadu, Dobleh, Baidoa, Merere, Garoe, Burhane, Mogadishu, Kismayu, Beletwein), 7075, 7080 (id Afmadu), 7084, 7087, 7092, 14000 (id Galkayu, Bossasso, Hageisa, Mogadishu, Kismayu), 14175, 14211 (id Bulla Hawa, Nairobi, Afmadu, Galkayu, calling Nairobi), 14225 (id Boccaro, Bossasso, Merca, Bulla Hawa, Galkayu, Kismayu. Phone patches. Calling Nairobi), 14245 (calling Nairobi), 14311 (id Mogadishu Boccaro, Hargeisa), 14010 (id Bossasso,

Boccaro).

<<<<<>>>>

::: ZAIRE

Frequencies used by stations from Zaire: 7000, 7009 (id Kongolo), 7012, 7020, 7027, 7040 (id DE, Kongolo), 7055 (id MA, B, G, Banana, R. NGO from Italy. Phone patches), 7057, 7060, 7065, 7070 (connection with Uganda), 7080 (id ML, JS).

<<<<<>>>>

::: ETHIOPIA

Unid Ethiopian stations have been reported on 7006, 7035, 7040 and 7060 kHz.

<<<<<>>>>

::: KENYA

7012 kHz, id: Bossasso, Afmadu, Lamu, Kismayu, Baidoa, Mombasa. Somalis transmitting from Kenya. Phone patches.

<<<<<>>>>

::: TANZANIA

7005 kHz, id: Dodoma, Mbesa, Dar es Salaam, Mtwara, Tunduru, Masasi, Njoka, Maningo(?), Songea in Kiswahili, German and English. Christian mission in Tanzania.
7022.5 kHz, id: MD Arusha Naberera, KT. Agricultural estates, northern Tanzania. Manager's name Nijenius.
7045 kHz, 30+ stations in Tanzania. Tanzania Electricity Supply Co.

<<<<<>>>>

::: UGANDA

7025 kHz, id: Busia. Somalis. Position stated as Busia, Uganda (border post), talking with Somalia. Probably truck drivers.

<<<<<>>>>

::: SUDAN

7025.5 kHz, id: 72, CM, ST,BK,83, BM. Phonetics, verbal Morse, English, vernacular. NGO in S.Sudan.
7035 kHz, Verbal Morse, vernacular.
7045 kHz, Station from S.Sudan. Languages: English, vernacular, Dholuo. Phonetics, message traffic.
7092 kHz, English, phonetics, verbal Morse, message traffic.
14040 kHz, Possibly a medical NGO in S.Sudan. Callsigns: KA, KG, CT, MR. Languages: English, vernacular.

<<<<<>>>>

::: RWANDA

7050 kHz, NGO stations from Rwanda and possibly Uganda. Callsigns: A, AA, BB, J, K, D, DG, Kigali, GA, W, WA. Languages: French, English, Italian. Positions coded, Alfa, Golf etc. Possible Kampala link. May also have stations in

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Ethiopia and Somalia. Links also with Mozambique.

7090 kHz, Id: Butembo. Languages: KiSwahili, vernacular, French.

<<<<<>>>>

::: MOZAMBIQUE

7076 kHz, Tete Police. Talks in Portuguese.

<<<<<>>>>

::: VARIOUS COUNTRIES

14000 kHz, Unid NGO in Sudan, Somalia, Zaire and Kenia. Callsigns: BI, ML, FM, SL, Zero, Quarante, 95, KE, CC,CE,CJ, CM, Goma, JM, JK, CN, KT, JA, DK, KM, MM, DJ, BC, NI3, YL, AL, K1, NI, Mai Mai, YL, SV, Kasungu, NBI, JT. Languages: English, vernaculars, KiSwahili, Dholuo, the last predominating. Lokichoggio in Nairobi appear to be part of the net.

14114 kHz, Unid net with stations in Somalia, Kenia and Djibouti. Callsigns: Afmadu, Merere, Galkayu, Mandera, El wak, Nairobi, Djibouti, Dobleh Boccaro, Baidoa, Dusa Mareb. Phone patches. Nairobi active.

14135 kHz, Medical NGO net in Somalia, Kenia, Zaire and possibly Sudan. Callsigns: El Der, Kismayu? Baidoa, Mogadishu, Nairobi, Bossasso, BA, BM, AA, CM, CN, CE,OK, OH, CH. Languages: English, Italian, KiSwahili.

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* SPACE COMMUNICATIONS *

The satellites in this section were observed in the period January-March 2004. Most of them were heard by Pat and me. Two other dxers also sent me their logs but they want to remain anonymous.

After a period of try-outs, I figured out what the best setting is for me to receive the NOAA polar orbiters. I am using a RF-Systems WSP-137 antenna and a Nimbus-137 WXSat receiver. I record the pass and import the .wav file in my 3 favorite decoding programs: WXSat, WXtoIMG and Satsignal. I get the best results with Satsignal and WXtoIMG although I still have problems with the .avi files that WXtoIMG create. They simply do not run on any of my systems.

::: NOAA Polar Orbiters status report (22-3-2004)

Satellite	Freq.(MHz)	Status	APT
NOAA 12	137.500	on	
NOAA 14	137.620	off	
NOAA 15	137.500	off	
NOAA 17	137.620	on	

::: NOAA satellites logs:

136.770 NOAA 09, beacon
 137.350 NOAA 15, beacon
 137.350 NOAA 16, beacon
 137.500 NOAA 12, APT
 137.500 NOAA 15, APT
 137.620 NOAA 17, APT
 137.770 NOAA 17, beacon
 137.770 NOAA 11, beacon
 136.770 NOAA 12, beacon
 137.770 NOAA 14, beacon

::: ORBCOMM satellites:

All commissioned orbcomm satellites have been reported this month on 137.2000, 137.2250, 137.2500, 137.4400, 137.4600, 137.6625, 137.6875, 137.710, 137.7175, 137.7375 and 137.8000 MHz. Note that the frequency assignments often change. The Doppler beacons transmit on 400.1 MHz.

::: other satellite logs:

Freq.(MHz)	Satellite
29.352	RS-15, beacon
136.500	Nimbus 4, CW beacon + data
136.650	Transit 5B5, CW beacon + data (musical tones)
143.075	Tubsat A, packet
149.985	Oscar 23, data
149.985	Oscar-25, data
149.985	Oscar 27, data
149.985	Oscar 29, data
149.985	Oscar 31, data
149.985	Oscar 32, data
149.910	Cosmos 2398, rtty
149.950	Cosmos 2378, rtty
150.0125	Radcal, beacon
150.030	Cosmos 2361, rtty
179.951	Zi-Yuan 2, beacon
180.014	CBERS 2, beacon
258.155	USA81, data
264.900	Gonets D1-2, data
400.033	Geosat Follow-On, doppler beacon
400.033	Radcal, doppler beacon
400.450	Akebono, doppler beacon
437.125	LO19, beacon

::: UoSAT-Oscar-11

Someone send me the following item, derived from a press release. I do not know who published this item, so I cannot credit them. Sorry about that.

"A spacecraft built in six months by amateur radio operators was celebrating its 20th birthday in orbit on March 1st. The AMSAT-UK group proudly announced "UoSAT-Oscar-11, (also known as UOSAT-2 and UO-11) was launched on 1 Mar 1984, and has been performing well in orbit for 20 years," even though the satellite had a planned lifetime of about a year in space. Amateur radio operator Roger Smith quipped, "I wish I had a car which outlasted its warranty by that much."

UO-11 blasted into space by piggybacking on the launch of NASA's Landsat 5, an Earth ecology-monitoring satellite. About the name: The satellite carried the UoSAT-2 tag while on the ground, but once it established orbit, the small satellite was tagged University of Surrey Orbiting Satellite Carrying Amateur Radio 11, or more simply UoSAT OSCAR 11, or just UO-11. UO-11's path takes it over the Earth's poles with an orbit every 99 minutes. That works out to more than 106,000 orbits over the past two decades. From an engineer's perspective, that is 106,000 trips in and out of sunlight, or 106,000 charge-discharge cycles for its solar-powered cells. During an orbit, half the time the satellite is in sunlight, and the other half it's in the dark. When the spacecraft is in sunlight, solar panels on the orbit charge the batteries. Battery guru Larry Kayser said the trick to efficiently assembling a battery is to use battery cells with identical performance.

UO-11's primary purpose was to showcase current technology, and

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for the mid-1980s it was impressive. The satellite even had digital speech hardware with a vocabulary of 500 words. UO-11 has only 36K of RAM, and its processor is a 1-Mhz, 8-bit RCA COSMAC 1802. For its time, that was the state of the art for any spacecraft.

One of UO-11's more unusual feats took place during a 1988 Canadian-Soviet trans-Arctic expedition. Michael Meerman, one of the amateur radio operators at the ground station, said "UoSAT-OSCAR-11 was used to relay the group's position, using the Digitalker on board the satellite." The satellite served as a backup to more conventional navigation techniques, such as observing the sun's position over time. The expedition carried an off-the-shelf location transmitter that was monitored by Soviet navigation satellites. Ground stations used those signals sent by the transmitter, in conjunction with UO-11, to determine the expedition's location and its progress across the Arctic wilderness. Each morning the team would listen to UO-11 on their radios, hearing the digital voice tell them their location. Meerman said a typical message would include "Time 12 hours and 52 minutes GMT. You are at 84 degrees 25.6 minutes N and 95 degrees 58.2 minutes E." Thousands of schools and amateur radio operators also followed the expedition's progress by listening to UO-11.

Anybody with a VHF radio and a computer with a sound card can monitor UO-11's communications on 145.825 MHz -- no amateur radio license or special permissions are required.

To commemorate UO-11's anniversary, the AMSAT-UK club is staging a contest. If you hear UO-11's signal in March 2004, you're eligible to receive a commemorative card. The reward may be an e-card, but the group has indicated they're thinking about printing an actual postcard if there's enough interest.

-0-0-0-0-0-0-0-0-0-0-

Ok, that wraps it up for now. Please, send me your logs and info so that there will be a new edition of the Utility Round-up next month.

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WUN LOGS COLUMN

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March 2004

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Edited by Eddie Bellerby (edward.bellerby@btinternet.com)

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There are no "mode lists" at the end of this column this month. If anybody has a request for searches please let me know.

00018.1 RDL: Russian Military Tashkent UZB VLF Site 1050
36-50/50/68 Routine T600 messages. SWNVO WNVOF KJVE?
leadins noted. Sends routine CW message RDL 27082 19434 K

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at 1122z. (20Feb04) (RGA)
00018.1 RDL: Russian Military VLF Site Krasnodar 1228 36-50/50/65
Weak T600 msgs. (14Mar04) (RGA)
00018.1 RDL: Russian Military VLF Site Krasnodar 1353 36-50/50/65
Routine T600 messages. From Nizhny Novgorod VLF site
after site-switching tests at 1400z. // 12832
(06Mar04) (RGA)
00018.1 RDL: Russian Military VLF Site Nizhniy Novgorod 1738
36-50/50/65 Routine T600 message. (19Feb04) (RGA)
00018.1 RDL: Russian Military VLF Site Prob Krasnodar 1050
36-50/50/65 Many T600 msgs with (some leadins noted:
RYDVZ GWH*V TK*UY). Followed immediately by routine Morse
msg RDL 45779 50043 K. (03Mar04) (RGA)
00060.0 MSF: RUGBY TS 0822 CW any idea about using these TS datas
? Feb25 04ML
00066.1 unid: 0830 like RTTY not decoded ?? Feb25 04 ML
00068.0 GBY20: DCSA Plymouth via Skelton VLF Site 1300 RTTY/50/70
Repeating NAWs POF001. (14Mar04) (RGA)
00068.0 GBY: RN LONDON 0832 ITA2/50 encrypted Feb25 04 ML
00075.0 HBG: NYONS TS 0834 CW Feb25 04 ML
00077.5 DCF77: MAINFLINGEN 0836 CW Feb25 04 ML
00081 GYN: RN London 1713 UNID/50/86 Synchronous. Enciphered.
From the Skelton VLF Site. (14Mar04) (RGA)
00082.8 MKL: RAF No 2 Group MATELO Bcast 1206 UNID/75/70 Routine
blocked traffic. Via Crimond VLF site. (20Feb04) (RGA)
00099.0 unid: 1020 LORAN-C ?? help needed Feb26 04 ML
00129.1 DCF 49: MAINFLINGEN 1745 ASCII8/200 Feb25 04 ML
00139.0 DCF39: MAINFLINGEN 1740 ASCII8/200 any further experience
about this mode? Feb25 04 ML
00147.3 DDH47: Hamburg Meteo Pinneberg Site 1410 RTTY/50/80
Continues ship reports. //10100.8 (13Mar04) (RGA)
00147.3 DDH47: Hamburg Meteo via Pinneberg 1200 RTTY/50/75 RYS;
calls; UODL45 201200 EDZW Gale warnings. (20Feb04) (RGA)
00147.3 DDH47: Hamburg Meteo via Pinneberg LF Site 1330
RTTY/50/80 SYNOPS SNRJ49 EDZU 141200. (14Mar04) (RGA)
00216.0 CLB: (Carolina Beach NC): 0626 CW NDB beacon. 19/02 RP3
00284.5 DY: Duesseldorf D 0738 CW (07-03-04) (AB)
00290 ONL: Luik/Bierset BEL 0740 CW (07-03-04) (AB)
00293 OB: Brussel BEL 0741 CW (07-03-04) (AB)
00309 WW: Antwerpen BEL 0053 CW (07-03-04) (AB)
00311 LMA: Lima D 0055 CW (07-03-04) (AB)
00312.5 425: OSTENDE 1633 DGPS/200/n Feb25 04 ML
00314 OZ: Brussel BEL 0051 CW (07-03-04) (AB)
00315 STK: Stadskanaal HOL 0049 CW (07-03-04) (AB)
00317.0 VS: VALENCIENNES 1021 CW Feb25 04 ML
00320.0 TY: TROYES 1019 CW Feb25 04 ML
00326 LLS: Lelystad HOL 0046 CW (07-03-04) (AB)
00327 MVC: Merville/Calonne F 0045 CW (07-03-04) (AB)
00327.0 MVC: MERVILLE airfield near bethunes 0904 CW Feb25 04 ML
00331 TE: Thisted DNK 0043 CW (07-03-04) (AB)
00332 LL: Lille F 0043 CW (07-03-04) (AB)
00332 NV: Nieuwkoop HOL 0043 CW (07-03-04) (AB)
00335.5 TWN: Twenthe HOL 0041 CW (07-03-04) (AB)
00338 FUE: French naval Brest France Naval 1905 Tue 02 Mar 04
RTTY 75 callband (EB)
00346 GS: Sandviken S 0039 CW (07-03-04) (AB)
00347 MSK: Morskogen NOR 0038 CW (07-03-04) (AB)
00348.5 LG: Luik BEL 0033 CW (07-03-04) (AB)
00350 LAA: Laanila FNL 0752 CW (07-03-04) (AB)
00350.5 ROT: Rotterdam HOL 0030 CW (07-03-04) (AB)
00352.5 DD: Oostende BEL 0750 CW (07-03-04) (AB)
00355 ONW: Deurne BEL 2337 CW (06-03-04) (AB)
00362 NZO: Bolzano I 2340 CW (06-03-04) (AB)
00365.5 BC: Brasschaat BEL 2341 CW (06-03-04) (AB)
00369 PS: Heenvliet HOL 2341 CW (06-03-04) (AB)
00372 ODR: Odderoy NOR 0027 CW (07-03-04) (AB)
00373 NW: Beek HOL 0026 CW (07-03-04) (AB)
00375 OO: oostende BEL 0733 CW (07-03-04) (AB)

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00375 TR: Phillips Tor Ekofisk IW 0025 CW (07-03-04) (AB)
00376 WP: Weesp HOL 0024 CW (07-03-04) (AB)
00386 STD: Stad aan het Haringvliet HOL 2245 CW (06-03-04) (AB)
00386.5 SLV: Spa La Sauveniere BEL 0020 CW (07-03-04) (AB)
00387 ING: Inglevert F 0134 CW (07-03-04) (AB)
00388.5 CH: Schiphol HOL 2344 CW (06-03-04) (AB)
00389 MR: Myra NOR CW 0003 (07-03-04) (AB)
00395 OA: Assendelft HOL 0002 CW (07-03-04) (AB)
00396 YG: Rygge NOR 0004 CW (07-03-04) (AB)
00397 EHN: Eindhoven HOL 2359 CW (06-03-04) (AB)
00399 NGY: New Galloway G 0016 CW (07-03-04) (AB)
00399.5 ONO: Oostende BEL 0729 CW (07-03-04) (AB)
00400 EN: Orebro S 0016 CW (07-03-04) (AB)
00401.5 BET: Betlage D 0731 CW (07-03-04) (AB)
00404 LW: Luxembourg LUX 2359 CW (06-03-04) (AB)
00404 MRV: Merville BEL 0800 CW (07-03-04) (AB)
00404.5 RR: Rotterdam HOL 2359 CW (06-03-04) (AB)
00405 AV: Goteborg/Save S 0128 CW (07-03-04) (AB)
00408 BRK: Brueck AUT 0013 CW (07-03-04) (AB)
00409 SG: Salenas S 0009 CW (07-03-04) (AB)
00417 AH: Angelholm S 0125 CW (07-03-04) (AB)
00418 MK: Calais F 0118 CW (07-03-04) (AB)
00419 RD: Vasteras S 0118 CW (07-03-04) (AB)
00421 BUR: Burnham G 0727 CW (07-03-04) (AB)
00421 MF: Halmsstad S 0116 CW (07-03-04) (AB)
00423 FE: Odense DNK 0111 CW (07-03-04) (AB)
00425 ERT: Erfurt D 0058 CW (07-03-04) (AB)
00426 CO: Unid 0100 CW "CO" + long dash. audible for ca 10
minutes and not heard again (07-03-04) (AB)
00431 ONT: Kleine Brogel BEL 2358 CW (06-03-04) (AB)
00433 CRE: Cres HRV 2352 CW (06-03-04) (AB)
00434 BOT: Bottrop D 2358 CW (06-03-04) (AB)
00434 THN: Thorn HOL 2353 CW (06-03-04) (AB)
00490.0 GNI: Niton Radio, GB 17:20 Navtex Sitor B Nav Warnings in
english 21/02 (SP1)
00517 ARD: Arad ROU 0136 CW (07-03-04) (AB)
00518 GNI: (E) Niton CG GBR 1640 FEC/100/170 NAVAREA ONE msg.
(13Mar04) (RGA)
00518 GPK: (O) PortpatrickRadio SCO 1420 FEC/100/170 WX & MIBs.
(13Mar04) (RGA)
00518 NMA: US CG Miami FL 0800 FEC/100/170
"REF/A/INST/COMNAVSPECWARCOM/YMD:19990601// NARR/REF A IS
NAVAL SPECIAL WARFARE AIR OPERATIONS MANUAL
3000.3A.//POC/EMMERT/PRCS/SPECBOAT TEAM 270/LOC:NAB
LCRK/TEL:757-492-1452// RMKS/1. PERSONNEL AND EQUIPMENT
PARACHUTE OPERATIONS WILL BE CONDUCTED AT RIVER RAT WATER
DROP ZONE, IVO 36D 56 803 N, 76D 02 342 W, SURFACE TO
4000 FEET MEAN SEA LEVEL(MSL). TYPE AIRCRAFT: (1) C-130.
PRI DATE/TIME: 03 MAR 04/0800 - 1300 SEC DATE/TIME:
04 MAR 04/0800 - 1300 2. ALL TIMES ARE LOCAL. 3. REQUEST
ALL MARINERS REMAIN CLEAR OF THE AREA.// \ 'a50075 NNNN"
(29Feb04) (APB)
00518 NMA: USCG Miami FL 0400 FEC/100/170 "CCGD7 BNM 383-04
FLORIDA - WEST COAST - GULF OF MEXICO - HAZARD TO
NAVIGATION - THERE IS A 42 FT FISHING VSL SUNK IN APPROX
35 FT OF WATER IN POSN: 27-39N, 82-53W. ALL MARINERS ARE
ADVISED TO USE CAUTION WHILE TRANSITING THE AREA. NNNN"
(29Feb04) (APB)
00518 NMA: USCG Miami FL 0400 FEC/100/170 "ZCZC AA83 USCG
GANTSEC BCST VHF-FM CG GANTSEC BNM 066-04 WEST INDIES -
PUERTO RICO - NORTH COAST 1. A PARTIALLY SUBMERGED JETSKI
IS ADRIFT IN APPROXIMATE POSITION 18-28N 066-04. 2. QTA
AT 092200Z MAR 04. NNNN (11Mar04) (APB)
00518 NMA: USCG Miami FL 0400 FEC/100/170 "ZCZC AD03 1. THE
FOLLOWING URGENT MARINE INFORMATION BROADCAST HAS BEEN
INITIATED: QUOTE AT 1937 LOCAL TIME THE COAST GUARD
RECEIVED A DISTRESS CALL ON 2182 KHZ WITH NO NAME,
POSITION, OR NATURE OF DISTRESS GIVEN. ALL MARINERS ARE

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REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE AND REPORT ALL SIGHTINGS TO THE UNITED STATES COAST GUARD. ANY VSL OR SHORE STATION HEARING THIS CALL, IT IS REQUESTED YOU CONTACT THE COAST GUARD WITH YOUR POSN UNQUOTE. NNNN" (09Mar04) (APB)

00518 NMA: USCG Miami FL USA 0400 FEC/100/170 "ZCZC AA28 CCGD7 BNM 465-04 1. WINDWARD PASS-HAITI-PORT AU PRINCE-THE FOLLOWING AIDS TO NAVIGATION HAVE BEEN ESTABLISHED IN PORT AU PRINCE MAIN SHIP CHAN: A. PORT AU PRINCE SEA BUOY, MO (A), ESTABLISHED IN 18-34-11.4N 072-25-33.1W." (Follows another 9 lines of coordinates - too long for logs - Team Logs) "2. CANCEL AT TIME//240500Z MER 04//~ NNNN" (13Mar04) (APB)

00518 NMF: USCG Boston MA 0045 FEC/100/170 "ZCZC FA51 CCGD5 BNM 0070-04 VA - MD OFFSHORE 1. MARINERS ARE URGED TO USE EXTREME CAUTION WHILE TRANSITTING THE AREA DUE TO THE SINKING OF THE M/V BOW MARINER IN APPROX POSN 37-53-23N 074-15-27W, APPROX. 50 NM EAST OF CHINCOTEAGUE, VA. MARINERS SHOULD BE AWARE OF SEVERAL LARGE DIAMETER MOORING LINES SUSPENDED FROM THE SUNKEN VESSEL WITH PORTIONS EXTENDING UP TO AND FLOATING ON THE SURFACE. MARINERS SHOULD ALSO WATCH FOR ANY DEBRIS FIELDS, AND PETROLEUM PRODUCTS IN THE AREA. NNNN" (07Mar04) (APB)

00518 NMF: USCG Boston MA USA 0045 FEC/100/170 "ZCZC FA47 USCG GANTSEC BCST VHF-FM AND NAVTEX A. COMDTINST M2000.3(C). CG GANTSEC BNM 047-04 CARIBBEAN SEA - PUERTO RICO - DOMINICAN REPUBLIC 1. A 7.5 FOOT GRAY WITH YELLOW STRIP ZODIAK HAS BEEN REPORTED ADRIFT IN APPROXIMATE POSITION 15-06.3N 069-01.5W. 2. TX AT 201237Z FEB 04. NNNN" (20Feb04) (APB)

00518 NMF: USCG Boston MA USA 1310 FEC/100/170 "1.QUOTE: THE COAST GUARD HAS RECEIVED A 406MHZ EPIRB FROM THE F/V TIMOTHY MICHAEL, POSITION AND NATURE OF DISTRESS UNKNOWN. THE TIMOTHY MICHAEL IS A 77FT BLUE HULL FISHING VESSEL. MARINERS ARE REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE, AND REPORT ALL SIGHTINGS TO RCC BOSTON AT (617)223-8555. NNNN" (26Feb04) (APB)

00518 NMG: USCG New Orleans LA 0700 FEC/100/170 "ZCZC GD06 A. MY 090031Z MAR 04 1. THE FOLLOWING URGENT MARINE INFORMATION BROADCAST HAS BEEN CANCELLED: QUOTE THE SEARCH FOR THE SOURCE OF THE PREVIOUSLY RECEIVED DISTRESS CALL WITH NO NAME OR POSITION OR NATURE OF DISTRESS HAS BEEN SUSPENDED PENDING FURTHER DEVELOPMENTS. CANCEL PAN-PAN UNQUOTE. 2. CANX REF A. NNNN" (09Mar04) (APB)

00518 NMG: USCG New Orleans LA USA 0300 FEC/100/170 "ZCZC GA80 CCGDEIGHT BNM 0080-04 AL - GULF OF MEXICO 1. A 16-FOOT DERELICT SAILING VESSEL WITH A GREEN SAIL HAS BEEN REPORTED ADRIFT IN THE GULF OF MEXICO IN APPROXIMATE POSITION 25-56-00.0N 087-01-00.0W, DRIFTING NORTH AT APPROXIMATELY 2 KNOTS. CANCEL AT TIME//021200Z MAR 04// NNNN" (24Feb04) (APB)

00518 OST: (M) OostendRadio 1400 FEC/100/170 MIBs. (13Mar04) (RGA)

00518 OST: (T) OostendRadio 1510 FEC/100/170 MIBs. (13Mar04) (RGA)

00518 PBK: (P) Netherlands CG Den Helder 1432 FEC/100/170 wx & MIBs. (13Mar04) (RGA)

00518 PBK: (P) Netherlands CG Den Helder 1632 USB Cancels one MIB. (13Mar04) (RGA)

00518 VAR: Yarmouth Radio CAN 1303 FEC/100/170 "261303UTC XXX VAU001 BDCST UNTIL CANCELLED 261253UTC REPORT OF FISHING VESSEL DECEIVER TAKING ON WATER 70 MILES EAST OF GUNNING COVE N.S. ANY VESSELS IN VICINITY ARE REQUESTED TO KEEP A SHARP LOOKOUT AND REPORT ANY SIGHTINGS OR INFORMATION TO RCC HALIFAX VIA ANY COAST GUARD RADIO STATION A NNNN" (26Feb04) (APB)

00518.0 GNI: Niton Radio, GB 16:40 Navtex Sitor B Nav Warnings in english 21/02 (SP1)

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00518.0 OST: OOSTENDE 1002 NAVTEX eng navarea "harwich approach...calaisapproach "FEB15 04 ML

00518.0 OST: Oostende Radio, Belgium 14:00 Navtex Sitor B Nav Warnings in english 21/02 (SP1)

00518.0 uui: Odessa Radio: 0230 navtex zczc c148 160930 utc feb 04=ukraine coastal warning 99/04 odessa dnestrovsko-tsaregradskoe bottleneck 27-Feb-04 (wp3) =20

00581.0 VCK: (Canadian Coast Guard, Riveres au Renard, Quebec): 0439 NAVTEX w/navigational warnings in FF. 27/02 RP3

01641.0 UKCG: SOLENT 1245 USB eng Feb25 04 ML

01675.0 unid: mar 0613 USB noisy d/x french fishermen FEB14 04 ML

01677.0 CABO PENAS: 0705 USB span d/x Feb25 04 ML

01677.0 OFK: TURKU 0721 USB finnish 2 yl wx Feb27 04 ML

01696.0 CROSS LA GARDE: 2022 USB french yl weather"corse...sardaigne..."FEB15 04 ML

01698.0 LA CORUNA: 0615 USB spanish d/x FEB14 04 ML

01698.0 LA CORUNA: 0724 USB span yl / ID in eng / wx Feb27 04 ML

01869.0 UKCG: YARMOUTH 2044 USB eng weather FEB15 04 ML

01876.0 IQN: LAMPEDUSA 0552 USB ital d/x "buona giornata" Feb24 04 ML

02070.0 NQSC: POL MIL net 2123 USB 5fg msg to net users,poor RX (23-feb-04)(MSM)

02182.0 Canadian Coast Guard: (callsign missed): 0438 USB w/EE gale warning. 26/02 RP3

02187.5 ---: SHIP UNID 0507 DSC 100/E/170 Distress call (fm 304010749). Posn 61.26N 4.58E. Nature: undesignated. 5 err free bursts (24/feb)(DW)

02187.5 : MRCC Göteborg SWE 1938 GMDSS Preliminary call for safety bcast on 2182 khz. (24Mar04) (RGA)

02187.5 C60A7: Bahamas-Registered Ship Virginia Universal 2229 GMDSS RQ safety test to CROSS La Garde who BQs. (24Feb04) (RGA)

02187.5 GNLB: SHIP 2056 DSC 100/E/170 safety Test to Shetland CG who respond. Hvy qrm from continuous carrier on this frequency (still there 2324z) (29/feb)(DW)

02187.5 TCTJ: Turkish vs1 Claire-A 2006 GMDSS Calls JRCC Piraeus for simplex telephone call on 2173 khz. (24Mar04) (RGA)

02209.0 NQSC:POL MIL net (same as on 2070.0)YL OPS 2128 USB qrm poor rx (23-feb-04)(MSM)

02225.0 OWD: DNK AF Vaerloese 1722 USB/ALE wkng OWK DNK AF HQ Vedbaek (23-feb-04)(MSM)

02226.0 HUMBER: UKCG 0542 USB eng S7 om weather Feb24 04 ML

02226.0 UKCG: HUMBER /FALMOUTH 0543 USB eng wx Feb28 04 ML

02230.0 BRAVO: & CHARLIE, USN tracking net: 1534 USB voice (28/FEB/04) (JLM)

02251.5 unid: 0624 BAU/100? encrypted FEB14 04 ML

02273.5 : German Military 2102 ARQ-E/85.7/160 Betas. No decode. (13Mar04) (RGA)

02294.0 NQSC: POL MIL NET same as on 2209/2070.0 YL OPS 2143 USB poor rx, not sure of callsign, 5fg 12groups msg for"720222322720 zbatbwkc" , QSB,QRN(23-feb-04)(MSM)

02372.0 FNGN: ??french forces 0 6310 ARQ "bjrr à tous fx ni 7x f1 tx ...lury bonne journée"FEB14 04 ML

02405.0 unid: 0635 USB russian d/x Feb14 04 ML

02472 PBC:Dutch navy Goeree Netherland Naval 1939 Tue 02 Mar 04 RTTY 75 callband (EB)

02474.0 PBC32: DEN HELDER 0640 BAU75 carbs FEB14 04 ML

02505.0 DLGZ: BG21 vessel Bredstedt 15.17 SITOR-A sending status rpt(28/feb/2004)(LAR)

02529.5 : German Military 2106 ARQ-E/85.7/160 Betas. No decode. (13Mar04) (RGA)

02531 C7F: Unid RDAF 2223 ALE/USB Calls OWI/ 02608.5 FUO: FN Toulon 2045 RTTY/75/850 Test idlers. (28Feb04) (RGA)

02531 OWF: RDAF Skrydstrup 2318 ALE/USB Calls OWE/RDAF Karup with some modem activity. (12Mar04) (RGA)

02531 OWI: RDAF Aalborg 1935 ALE/USB Calls OWP/Unid.

(24Mar04) (RGA)
02582.0 Bermuda Harbor Radio: 0039 USB w/Mariner Information
Bulletins in EE. 24/02 RP3
02586.0 OXZ: LYNGBY 0539 USB y1 danish FEB21 04 ML
02608.4 FUU: TOULON FN 0641 BAU/75 de "" testing Feb14 04 ML
02656.0 IPA: ANCONA 0542 USB ita1 weather FEB21 04 ML
02670 : USCG San Juan PR 0310 USB with maritime weather for
Puerto Rico, Caribbean and US Virgin Islands in progress.
(25Feb04) (RB)
02677.0 CROSS CORSEN: 0640 USB french om & y1 in alternation many
avurnavFeb15 04 ML
02680 4XZ: Israeli Navy Haifa 2047 CW Ends 5LG msg NR 383 MM V
SF5M 30?182 ZPO GR81 AR AR VVW de 4XZ ... (28Feb04) (RGA)
02684.5 unid: 0643 ARQ-E/85.7 encrypted Feb14 04 ML
02692 3B5J: CIS Military 1958 CW 3B5J OF?? OD H QVDA QKSI ?CSV
& H?3M respond to comms check. NCS QSX not found. Weak.
(19Feb04) (RGA)
02713 1RM7: CIS Military 2014 CW 1RM7 ZWK ZWH QSA IMI K. PD??
FDOK & T6TA respond ZWK ZWH QSA3 K. (19Feb04) (RGA)
02719.0 IZN: PORTO-TORRES 1703 USB ita/eng weather Feb23 04 ML
02719.0 PORTO TORRES: 1943 USB italian weather FEB09 04 ML
02737 REA4: AF HQ Moscow 2052 CW 50 bps on/off idling between
skeds. // 4179 and 7018. (28Feb04) (RGA)
02761.0 OSU: OOSTENDE 1835 USB dutch om navig warnings
FEB15 04 ML
02761.0 OSU: OSTENDE 0645 USB dutch navig warnings Feb14 04 ML
02761.0 OSU: OSTENDE 0648 USB eng/dutch calling Feb15 04 ML
02839 1BV7: Russian Military 2026 CW Message to unid 241 39 19
2302 241 = 111 = PPPPP XPSXR PhhQL ... XPSXR PhhQL aOPEY
= 506 K. (19Feb04) (RGA)
02971.0 ATC: NAT 0544 USB eng CPBR AMCP CDEF Continental20
FEB2104 ML
03050 Unid: Various Players 0625 USB USN single letter
callsigns in periodic brief comms. (09 Mar 04) (JH)
03050.0 BRAVO: FOXTROT & INDIA, USN net: 0334 USB voice
(29/FEB/04) (JLM)
03068 CRONPR: USAF SIPRNet Stn Croughton GBR 1838 ALE/USB
Sounds here and on 4745kHz. (04Mar04) (RGA)
03137 CRO: USAF Croughton GBR 2237 ALE/USB Sounding.
(10Mar04) (RGA)
03176 3N5X: Ukranian Military Bcast 2220 CW Msg bcast to ETI7
QTC 288 62 28 2347 288 = 029 = 11299 72255 ... 42688
28060 = (repeats msg ending AR) (28Feb04) (RGA)
03176 : Ukranian Military Bcast 2058 CW Ends ... 480 = 029 =
PPPPP RAJHA ... AOVUG WIPYW AR. (28Feb04) (RGA)
03176 A8LV: Ukranian Military Bcast 2303 CW Msg to collective
A8LV QTC 465 52 29 0026 465 = 390 = DDDDD RSUTE LJAOL ...
LKOSH BIKDK = (repeats message ending AR).
(28Feb04) (RGA)
03211 4IYC: Ukranian Military 2034 CW Message to unid 470 82 19
2200 470 = 811 = AAAAA KhDMB GZLEL ... NSWHS AIKZK K.
(19Feb04) (RGA)
03217 SLFV: Russian Military 2329 CW Comms check with IP5B TVDZ
GITB 9K8Y. (26Feb04) (RGA)
03260 K6C000OGBMRM2: Unid 1959 ALE/USB Calls V1S0000EKCOPER.
(24Mar04) (RGA)
03275 JP52: Unid 2306 ALE/USB Calls JP40 who responds.
(12Mar04) (RGA)
03291.0 OWE: : Danish airforce Karup DNK 20:07 USB/ALE calling
OWK Vedbaek 16/feb/04 (PPA)
03301 PSNN: Unid 2149 CW PSNN repeated about 5 times slowly.
(19Feb04) (RGA)
03310.0 unid: pirate fishermen 0621 USB french d/x about engine
problem Feb2504 ML
03334 ZYDT: CIS Military 2105 CW Msg for 8J2J 718 = 2025 8628
1577 1070 2293 7138 ... 3671 2914 3055 K. Then sends msg
to 9BN8 391 25 14 035 391 = 384 = DEAUB XaQAB ... PZIMT
aKPWE K. (13Mar04) (RGA)

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- 03348 GGSR: Russian Military 2205 CW Routine comms check with 8AVL PFQ2 MIXS BAPC followed by msg to AU8T 538 37 10 0102 538 = ZOG 320 = GXOMR MMMMM FKUGL ... GGSKZ aPPEE = 218 K. (09Mar04) (RGA)
- 03348 PQ6Z: Russian Military 0007 CW Msg for MIXS 561 26 7 0252 561 = 656 = PuIBG HHRaV ... MFMoK PUPWE = 825 RPT AL K. MIXS reads back msg on QSX freq 3819 kHz. (07Mar04) (RGA)
- 03354 P1HK: Russian Military CW 0003 CW Msg for PKMT - 936 34 21 0250 = 936 = ZUF 566 = BGJRE hQPZE ... NADLZ WaPEP = 475 K. (21Feb04) (RGA)
- 03354 PKY4: CIS Military 2359 CW 1BV7 de PKY4 QSA IMI K. (20Feb04) (RGA)
- 03396.0 O/M: (JJ): 0103 USB w/o/M (JJ). 19/02 RP3
- 03485.0 GANDER: VM 0553 USB "saint-john...halifax...montreal..." Feb21 04 ML
- 03485.0 GANDER: VM 0656 eng weather with light snow Feb15 04 ML
- 03538 EIPS: CIS Military 2151 CW MMSK DE EIPS QTC ZOA K many times. QRM from amateurs. (13Mar04) (RGA)
- 03538 HO7H: CIS Military 2000 CW Responds to unid HO7H QSV K; RPT ADS K; RPT 9 etc. K; R 643 K. (06Mar04) (RGA)
- 03540 JP64: Unid 1948 ALE/USB calls JP61. (04Mar04) (RGA)
- 03551.0 unid: mar 0729 USB french fishermen (very quiet people jim!)Feb14 04ML
- 03591 HFB: UK Military 1943 ALE/USB Sounds 3591 3824 & 4295. (24Mar04) (RGA)
- 03591 HFB: Unid UK Military 2236 ALE/USB Sounding. Also seen on 3824. (10Mar04) (RGA)
- 03692.5 RJD56: RussNy Vessel (In Baltic Sea?) 2110 CW qtc to RCP: "RCP RCP RCP de RJD56 RJD56 qtc 186 25 6 0008 186 = na 0000 msk 06 mark 2004 goda ..." seems to be a wx report. (ALF) 05/March/04)
- 03741 FBH3: Ukrainian Military 2135 CW Receipts msg from unid FBH3 R 218 K. (21Feb04) (RGA)
- 03741 HXZ5: Ukrainian Military 2253 CW Bcast msg 123 52 22 0030 123 = 412 = 11111 60433 ... 81143 22050 = (repeats msg ending RPT AL QLN FOR F5HU AR). (21Feb04) (RGA)
- 03775 Z2SO: Ukrainian Military 2107 CW Bcasts msg to collective 2DP7 de Z2SO QTC 228 89 21 2300 228 = 557 = 11111 12312 ... 15726 21087 = (repeats message ending RPT AL QXS AR) (21Feb04) (RGA)
- 03811 4PRP: CIS Military 2234 CW 4PRP Z7A3 LGJ3 & 8J3V respond to unknown NCS doing comms check. 8J3V later QSLs a message 8JRV R 661 K. (13Mar04) (RGA)
- 03814.0 FDY: French Airforce Orleans 1753 Rtty 50Bd/400Hz "Test de FDY Voeyz le Brick..." (13/Mar/2004) (KK)
- 03814.8 FDY:French air force Orleans France Military air 1825 Mon 08 Mar 04 RTTY 50 callband (EB)
- 03819 SLP4: Russian Military 2210 CW Reads back msg from unid NCS on QSX freq 3348 kHz 394 49 7 0042 394 = 449 = EIOSR MMMMM EuuOI ... (NCS responds with C K.) (06Mar04) (RGA)
- 03824.0 HFB: Unid UK Military/Diplo 1754 ALE/USB snd (23-feb-04)(MSM)
- 03826 XOX5: CIS Military 2254 CW Comms check with DJNB EPZ1 4GWM IKJ8 and 9ICB. (21Feb04) (RGA)
- 03863 6JZ1: Ukrainian Military 2358 CW DLCD de 6JZ1 QBE (close) QTY6 (MS-5 link). (21Feb04) (RGA)
- 03863 WEGH: Ukrainian Military 2337 CW Msg for 2EQ7: 117 54 22 0130 117 = 272 407 643 = AAAAA WXL0M ... DXEXP BBKDA K. (21Feb04) (RGA)
- 03884 5JIR: CIS Military 1802 CW CBSG de 5JIR ZPO ZKH ZQS QRR3 K. (10Mar04) (RGA)
- 03884 8DHB: CIS Military 1849 CW C6SG de 8DHB QSA? K. (10Mar04) (RGA)
- 03884 MYFE: CIS Military 1821 CW Ends 29-group msg PTDMV aRPWO = 880 K. Requests receipt (R? 364 K)from BIZV SKNK 4UGI VXHD DV2Q EDOB ZWDB VHIA. QSX freq not found. (14Mar04) (RGA)
- 03884 MYFE: Russian Military 2139 CW Routine callup for BI2V

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SKNB 4UGI VXHD DVZQ EDZB ZWDB. No QSX found.
(14Mar04) (RGA)

03884 MYFE: Russian Military 2213 CW Bcast msg to collective
6ZG3 QTC 783 39 15 0058 783 = 837 = UGYOI MZBTR ... PSPQQ
aTPEY = 843. (Repeats msg) AR. (14Mar04) (RGA)

04014 ZSJ: SAN Silvermine 0510 FAX/120/576 S'face prog //13538
& 18238 (26/Feb/04) (RH2)

04014 ZSJ: SAN Silvermine 1704 RTTY/75/170 Navarea V11 wngs/wx.
(04/Mar/04) (RH2)

04021 : Unid CIS Military 2131 CW Ends 162-group msg ... BNYAE
AAAEB = 911 K 04410 1264: Unid 2252 ALE/USB Sounding.
(10Mar04) (RGA)

04021 VNGE: Russian Military 1939 CW Message for 6ZM4 912 77 12
2234 912 = 098 DDDDD E?BIH BYHnh ... DCCLW ABKVG = 430 K.
(12Mar04) (RGA)

04021 VNGE: Russian Military 2020 CW Message for 6ZM4 415 76 14
2302 415 = 341 = ZhMhZ ELFIT ... WVXZN aRPUE = 476 K.
(14Mar04) (RGA)

04034.0 unid: ship 0708 USB russian "pogoda" Feb27 04 ML

04034.0 unid: ship ? 0643 USB russian d/x Feb15 04 ML

04041.0 NNN0GBN: (as NCS): 0108 USB w/check ins on the Navy-
Marine MARS training net. 19/02 RP3

04055.2 : NATO System 2006 STANAG-4285/2400/USB 600 bps internal
data rate with short interleave. Enciphered.
(14Mar04) (RGA)

04065 : Russian Military 1848 81-81/81/170 cipher.
(20Feb04) (RGA)

04117.5 : Unid 1850 UNID/100/160 ACF=0 enciphered.
(20Feb04) (RGA)

04124 : Russian Military 2025 MS-5/4800/BPSK/USB cipher. QSX
Probably on 4177 kHz. (14Mar04) (RGA)

04139 AA2: Unid 1603 CW ...aa 2 = 44749 65359. aa 2 = 55463
55838. aa 2 = t7788 77752. aa 2 = 41548 77566 ...c aa.
(16Mar04) (IB)

04140.0 CUB: or CUG port island 0659 USB port work unid ship
Feb15 04 ML

04154.3 drdi: "U15" s 194 2156 usb clg dhj58 for rc
26-Feb-04 (wp=3)

04212 UGC: Sankt Peterburgradio RUS 1959 ARQ w/Morse ID.
(28Feb04) (RGA)

04217.0 UFH: Petropavlosk 0832Z SITOR-A/B 100/170 in tfc with
ships, SITOR-id's. Does not drop space tone between
SITOR-A bursts. 06/Mar/2004 (BM)

04232 FUF: FN Ft de France 0521 RTTY/75/850 Test tape.
(21/Feb/04) (RH2)

04232.0 FUF: / FF FORT DE FRANCE 0639 BAUDOT 75 rryryry
Feb23 04 ML

04234 : Unid CIS Military 1857 CW Ends 58x5FG message ... 62623
03143 20058 k. (20Feb04) (RGA)

04234 TDW8: Ukranian Military 2011 CW Msg for TZPE - 101 67 20
2200 101 = 851 = 11111 99316 ... 52802 20065 k.
(20Feb04) (RGA)

04244 DAO4: KielRadio GER 1912 PACTOR-3 Idling. (20Feb04) (RGA)

04261 DSKZ: Russian Military 1947 CW Msg for IYCS NR = 422 72
12 2201 422 = ZCF 938 = TXT = 76608 85229 ... 92406 12069
K. Then broadcasts msg to collective 2VQ1 de DSKZ QTC NR
= 556 58 12 2226 556 = ZTW 938 = TXT = JOOPP PJJJU UUUHH
CCGGG GBBBh hhIII LMKPP ... EhuDX ABKDD AR.
(12Mar04) (RGA)

04262 LFI: Globe Rogaland NOR 2035 GLOBEDATA Traffic.
(14Mar04) (RGA)

04268 VTG4: IN Mumbai 1921 CW 4FG msgs to collective VWGZ.
(20Feb04) (RGA)

04270.7 CFH: CF HalifAX 0041 RTTY/75/850 wx Reports. //10536
(25/Feb/04) (RH2)

04270.7 CFH: CF HalifAX 0455 RTTY/75/850 Aero wx.
(20/Feb/04) (RH2)

04270.7 CFH: CF HalifAX/0431 RTTY/75/850 wx forecasts //6491/5

(08/Mar/04) (RH2)
 04271 CFH: CF Halifax 0109 FAX/120/576 Satpix.
 (23/Feb/04) (RH2)
 04271 CFH: CF Halifax/0226 RTTY/75/850 wx. //10536.
 (03/Mar/04) (RH2)
 04271.0 CFH: /CANF HALIFAX 0644 BAUDOT 75 Feb23 04 ML
 04271.0 CFH: HALIFAX CF FAX poor chart Feb08 04 ML
 04277 USO5: Ismailradio UKR 2003 CW QSS/QSX freqs bcast.
 (28Feb04) (RGA)
 04280 PBC:Dutch naval Goeree Netherland Naval 1614 01 Mar 04
 RTTY 75 callband (EB)
 04290.5 FUE:French naval Brest France Naval 1612 01 Mar 04 RTTY
 75 callband (EB)
 04295 FUE: FN Brest 1921 RTTY/75/850 Test idlers.
 (20Feb04) (RGA)
 04295 FUE: FN Brest 2037 RTTY/75/850 VZCZCABC001 ALL de FUE
 (Tests). (14Mar04) (RGA)
 04295 HFB: Unid UK Military 2326 ALE/USB Sounding.
 (12Mar04) (RGA)
 04329.0 #'s: QTH? 0400z traffic Feb 11, 2004 USB callup was
 "86256 - 05042 - 08462" ss/YL/5f [SN]
 04346.0 CWA: Cerrito R Uruguay 0030 CW 'CQ CQ CQ de CWA QXS
 4/6/8/12/16/22' (23/02/04) (AJP)
 04363.0 3AC4: MONACO 0807 USB french mediter wx Feb27 04 ML
 04379 REA4: AF HQ Moscow 2042 CW Ends 14200 sked. // 8585.
 (14Mar04) (RGA)
 04379 REA4: AF HQ Moscow 2148 CW Routine bcast REA4 = 13210
 24763 ... 71022 88500 = REA4 K. (13Mar04) (RGA)
 04384 : NATO Tactical Data System 2006 LINK-11/2250/USB
 (28Feb04) (RGA)
 04410.0 1206: UNID 2231 MIL.STD 188-141A ALE on usb. Sounding.
 Weak, qrm (15/Mar)(DW)
 04410.0 124: UNID 2259 MIL.STD 188-141A ALE on usb. Sounding.
 Weak, qrm (15/Mar)(DW)
 04410.0 3001: UNID 0003 MIL.STD 188-141A ALE on usb. Sounding.
 (16/Mar)(DW)
 04410.0 6991: UNID 2230 MIL.STD 188-141A ALE on usb. Sounding.
 Weak, qrm (15/Mar)(DW)
 04426.0 Unid: (probable US Coast Guard): 0310 Fax w/contact
 information for National weather Service/NOAA.
 Announcement followed by NOAA wind/wave analysis chart
 for the Northern Atlantic. Strength of the signal
 suggests it may be from the CG at either Boston Mass or
 Portsmouth Virginia. 25/02 RP3
 04442 : NATO Tactical Data Link 2222 LINK-11/2250/USB TADIL-A.
 (10Mar04) (RGA)
 04442 : NATO Tactical Data System 1924 LINK-11/2250/USB
 TADIL-A. (20Feb04) (RGA)
 04442 : NATO Tactical Data System 2045 LINK-11/2250/USB.
 (14Mar04) (RGA)
 04447 : NATO Tactical Data System 1907 LINK-11/2250/USB
 (12Mar04) (RGA)
 04447 FSCI: Russian Military 1932 CW Comms check with TP3N H3SY
 OCFG F2HX ZMLG and IZBW. QRM from LINK-11. At 2013z
 bcasts msg to MWSK 667 49 12 2352 667 = 673 = uTCuL RTODN
 ... RTODN awPRY = 029 RPT AL QLN K. (12Mar04) (RGA)
 04456 4EMN: Russian Military 2224 CW Msg for KFZZ 183 27 11
 0102 183 = ZOU 228 = aEuBS TARuB ... uBWYu aaPWE = 244 K.
 (10Mar04) (RGA)
 04456 6KMN: Russian Military 0045 CW Comms check with LGJ3 8J3V
 VPLP Z7A3. (15Mar04) (RGA)
 04456 6KMN: Russian Military 2023 CW Message for Z7A3 170 46 12
 2304 170 = 520 = PPPPP OGVmw ... VVDGa AWPRe = 029 RPT AL
 K. (12Mar04) (RGA)
 04456 FDX6: Russian Military 2200 CW Comms check with 5DSE SI8E
 L9GN KFZZ. All except KFZZ respond on QSX freq 3954 kHz.
 (06Mar04) (RGA)
 04456 FDX6: Russian Military 2210 CW Msg to collective DHN2 QTC

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377 24 7 0104 377 = ZAK 656 = PPPPP CRBZB uNhuo ... uNhuo
PUPWP = 825 (repeats msg ending AR). Followed by msg for
SI9E. (06Mar04) (RGA)

04505 400: Unid 1841 ALE/USB Sounding. (04Mar04) (RGA)

04505 JP50: Algerian MOI 2044 ALE/USB Calls JP47. Then HN42
calls JP46 and 400 sounds. (18Mar04) (RGA)

04521.7 L2C: PNA Buenos Aires 0030 FEC Navarea XII Wngs/SS
//8416.5 (25/Feb/04) (RH2)

04550 K6C000: Unid 2244 ALE/USB Calls V1S0000EKCOPER (also seen
as V1S). Repeats call on 3260. Full ID is K6C0000GBMRM2.
(10Mar04) (RGA)

04554 7RU8: CIS Military 2030 CW Bcasts apparent strategic code
message: XXX XXX XXX 7RU8 17181 KIPER 8402.
(20Feb04) (RGA)

04554 : CIS Military Bcast 1928 CW Ends 20x5FG bcast ... 99528
20020 RPT AL QLN K. (20Feb04) (RGA)

04560 TAH: Istanbul Radio TUR 1757 FEC Sea states in Turkish
then reverts to ARQ w/Morse ID. (20Feb04) (RGA)

04566.4 VCT: Globe Tor's Cove NFLD CAN 2302 GLOBEDATA Idling.
(10Mar04) (RGA)

04582 : Russian Military 2048 36-50/50/180 At least 2 msgs.
(14Mar04) (RGA)

04582 DDK2:Hamburg meteo Germany Meteo 1604 Mon 01 Mar 04 RTTY
50 wx tfc and callband (EB)

04582.0 rd1: rus. navy: 1653 cw (fsk) xxx rd1 rd1 84687 98069
gistolog 199=2 9817 k then into ratt Bee 36-50/250 with
two short messages, beginning and ending with reversals
19-Feb-04 (wp3)

04583 DDH7: Hamburg Meteo via Pinneberg 2114 RTTY/50/250 Sea
states broadcast. // 7646 10100.8 (22Mar04) (RGA)

04585.0 Hill CAP 40 (West Virginia Civil Air Patrol-NCS): 2240
USB w/net checks. 26/02 RP3

04585.0 Hill CAP 40: (West Virginia Civil Air Patrol-NCS): 2240
USB w/net checks. 26/02 RP3

04585.0 White Peak 3201: (New York Civil Air Patrol): 0104 USB
checking into unidentified net. 27/02 RP3

04601 OA:Irish navy Ireland Naval 1724 01 Mar 04 ARQ 100 5 ltr
traffic (EB)

04604.0 Red Robin 127: (Michigan Civil Air Patrol): 0034 USB
w/Red Fox 4 (Illinois Civil Air Patrol. Red Fox 4 then
checks in Red Fox 105; Red Fox 140 and White Peak 3201
(New York Civil Air Patrol). 27/02 RP3

04604.0 Red Robin 8: (Ohio Civil Air Patrol): 0208 USB w/net
check-ins: Red Robins 35; 111; 320; 1601. 19/02 RP3

04610.0 GYA: RN LONDON 0720 FAX poor qual Feb15 04 ML

04613.0 FDI8: ? FF 0723 USB french "poste de
mentor??lundi,mardi....1,2....test pour le réglage de vos
récepteurs" Feb15 04 ML

04625 UVB76: Russian Buzzer 2013 AM-DSB single-tone buzz.
(28Feb04) (RGA)

04711.0 unid: 1153 unid 75/850 27-Feb-04 (wp3) =20

04721 CRO: USAF Croughton GBR 1936 ALE/USB Sounding.
(24Mar04) (RGA)

04721 JDG: US NAS Digo Garcia BIOT 2332 ALE/USB Wkg
HAW/Wideawake AFB Ascension Is. (12Mar04) (RGA)

04721 PLA: USAF Lajes AZR 2233 ALE/USB Sounding.
(10Mar04) (RGA)

04724.0 AFA: ? USAF 06460 USB eng eam weak sig & noisy
Feb15 04 ML

04742.0 MQP? RAF ARCH 0904 USB d/x "S I" Feb26 04 ML

04742.0 RAF ARCH: 0720 USB y1 airfields weather Feb23 04 ML

04752.5 GAF: ? : 1150 arq-e/85.8/165 idle 27-Feb-04 (wp3)

04758.2 pirate fishermen: 0905 USB french d/x Feb26 04 ML

04820,0 ojkm: unid 1509 cw/f1 marker bqdi tfc to bqdi 5l, 5f
and mixed at 1538z 1545z und 1549z 22-Feb-04 (wp3)

04828.0 "P": Russian Navy Kalingrad 1422 CW Marker
(11/Mar/2004)(KK)

04841 OWF: RDAF Skrydstrup 1936 ALE/USB Calls OWK/HQ vedbaek.

(24Mar04) (RGA)
04889.0 TZSU: GUARDIA CIVIL CEUTA 2209 MIL.STD 188-141A ALE on
usb. C1ng TXXX1/GC HQ (15/Mar)(DW)
04910 5556: N.African Net 2241 ALE/USB Sounding.
(10Mar04) (RGA)
04910 5558: N.African Net 2303 ALE/USB Sounding.
(12Mar04) (RGA)
04925 0000210188: Prob Greek Military 2245 ALE/USB Sounding.
(10Mar04) (RGA)
04925 0000210188: Prob Greek Net 2253 ALE/USB Sounding.
(12Mar04) (RGA)
05006.0 Unid: 1138 81-81/81/500 27-Feb-04 (wp3) =20
05097.5 CFH: (Halifax Military): 0504 RTTY 75bd/850hz w/NAWS DE
CFH ZKR F1 2822 4158 6254 8303 12380 16576 22182 AR.
26/02 RP3
05097.5 CFH: (Halifax Military): 0510 RTTY 75bd/850hz w/NAWS DE
CFH ZKR F1 2822 3287 4158 6254 8303 12380 16576 22182 AR.
19/02 RP3
05100.0 AT6: UNID 1800 MIL.STD 188-141A ALE on usb. C1ng
AA3/Israeli AF Ben Gurion (18/Mar)(DW)
05101.0 CENTR7: MFA BUCHAREST 1624 MIL.STD 188-141A ALE on usb.
C1ng ZWP (18/Mar)(DW)
05101.0 T3Z158 T7X: unid prob USAF 1653 USB/ALE wkng (chopper?)
R26688 (23-feb-04)(MSM)
05101.0 TF185 185th ARW Iowa Air National Guard 2035 USB
ALE/MIL-188-141A snd, ANDTV (09/Mar/2004)(KK)
05115 PNM: Romanian Police Piatra Neamt, ROU 0449 USB/MIL-STD
188-141A, c1ng MIR [=Miercurea Ciuc] (27Feb04) (LDO)
05115.0 PNM: Romanian Police Piatra Neamt, ROU 0449 USB/MIL-STD
188-141A, c1ng MIR [=Miercurea Ciuc] (27Feb04) (LDO)
05117.0 DRINI: ALBANIAN MOPO DRINI 2156 MIL.STD 188-141A ALE on
usb. Responding to SHQIPONJA (18/Mar)(DW)
05117.0 SHQIPONJA:ALBANIAN MOPO SHQIPONJA 2156 MIL.STD 188-141A
ALE on usb. C1ng DRINI who responds. 2241 c1ng DRINI
(18/Mar)(DW)
05120.0 OWE: DAF KARUP 1622 MIL.STD 188-141A ALE on usb. Responds
to OWK. 1731 responds to OWI. 1829 c1ng OWC, also at
2230z. 2012 c1ng OWF (18/Mar)(DW)
05120.0 OWI: DAF AALBORG 1731 MIL.STD 188-141A ALE on usb. C1ng
OWE (18/Mar)(DW)
05120.0 OWK: DAF HQ VEDBAEK 1622 MIL.STD 188-141A ALE on usb.
C1ng OWE. 1951 Responds to OWI. C1ng OWC (18/Mar)(DW)
05154.0 C: SLHFM Moscow 0238 CW "C" Marker (24/02/04) (AJP)
05195 DRA5: DARC Experimental Beacon CW Vs marker.
(28Feb04) (RGA)
05257.5 FDGYN: (FR Military): 2346 50bd/425hz w/test tape DE
FDGYN " Voyez Le Brick Geant...." Signal fading-hard to
get good copy. 18/02 RP3
05263.0 ZORRO: (Mexican Army): 0254 USB/ALE TO CICLON (Mexican
Army). 24/02 RP3
05270.0 RAF: (not IN) 0925 USB eng d/x 8FW?? / PCS ?? flight
position beetweenitaly and lybia Feb26 04 ML
05275.0 Michel: (O/M Canadian FF): 2337 USB w/O/M (Canadian FF).
24/02 RP3
05293 FDI22: FAF Narbonne 2022 RTTY/50/80 Bricks tests in
narrow shift. (28Feb04) (RGA)
05312.5 F236AA: 236 Med Co US Army Landstuh1 GER 2126 ALE/USB
Sounding. (18Mar04) (RGA)
05312.5 F236AA: 236th MedCo Landstuh1, D 2057 USB
ALE/MIL-188-141A sounding (09/Mar/2004)(KK)
05327.5 G323: (unidentified, possibly Corps of Engineers): 1009
USB/ALE sounding. 23/02 RP3
05327.5 SAMHF1: (US Army Corps of Engineers,Mobile, AL): 0756
USB/ALE sounding. Also sounding on 16077.0. 23/02 RP3
05330.0 K6C0000GBMRM: unid Cze? 22058 USB ALE/MIL-188-141A c1g
V1S0000EKCOPER (09/Mar/2004)(KK)
05352 FDI8: FAF Nice 2024 CW Vs idler. (28Feb04) (RGA)
05379.0 KRI: ALBANIAN MOPO ?LOC 0550 MIL.STD 188-141A ALE on usb.

CIng DRI/Drini (15/Mar)(DW)
 05379.0 SHQIPOR: ALB MOI ? 1955 ALE to DRNI FEB12 04 ML
 05379.0 TWLA: GUARDIA CIVIL VITORIA 0711 MIL.STD 188-141A ALE on
 usb. Responds to TZSJ/Jaen (15/Mar)(DW)
 05379.0 TWLC: GUARDIA CIVIL CANTABRIA 1754 MIL.STD 188-141A ale
 on usb. CIng TWLL/La Rioja (15/Mar)(DW)
 05379.0 TWLL: GUARDIA CIVIL LA RIOJA 1754 MIL.STD 188-141A ALE on
 usb. CIng TWLC/Cantabria who responds. (15/Mar)(DW)
 05379.0 TZSJ: GUARDIA CIVIL JAEN 0655 MIL.STD 188-141A ALE on
 usb. CIng TXXX1/GC HQ. 0711cIng TWLA/Vitoria who responds
 (15/Mar)(DW)
 05379.0 TZSU: GUARDIA CIVIL CEUTA 2208 MIL.STD 188-141A ALE on
 usb. CIng TXXX1/GC HQ (15/Mar)(DW)
 05396.0 AAR1ED: unid MARS Station 0043 P-I/200Bd/Ham-Mod cnt
 AT1TFC PACTOR BBS STATION NY MARS Concord,NH "USE OF THE
 ARMY MARS GATEW ARMY MARS NETPLAN" (07/Mar/2004) (KK)
 05398.6 71B: British Army Cadet Stn G 1705 USB wkg with OH2R in
 the "60m Activity Day". (28/Feb/04)(ALF)
 05398.6 A72C: British Army Cadet Stn G 1710 USB wkg with OH2R in
 the "60m Activity Day". (28/Feb/04)(ALF)
 05410 CNDG: Centre National Despatching Gas (Sonatrach) Hassi
 r'Mel ALG 2115 ALE/USB Sounding. (18Mar04) (RGA)
 05410 INAS30P: Algerian Sonalgaz Net 2049 ALE/USB Sounding.
 (12Mar04) (RGA)
 05410.0 CNDG: Centre National Dispatching Gas, ALR 1933 LSB
 ALE/MIL-188-141A snd (13/Mar/2004) (KK)
 05410.0 GASSI130 Sonatrach Gas & Oil Gassi Touil 2037 LSB
 ALE/MIL-188-141A snd (13/Mar/2004) (KK)
 05410.0 HAMRAGPL: Sonatrach Gas & Oil Haoud El Hamra 2013 LSB
 ALE/MIL-188-141A snd (13/Mar/2004) (KK)
 05410.0 INAS30P: Sonatrach Gas & Oil In Amenas, ALR 1937 LSB
 ALE/MIL-188-141A snd (13/Mar/2004) (KK)
 05410.0 MEDER30P: Sonatrach Gas & Oil Medera 2017 LSB
 ALE/MIL-188-141A snd (13/Mar/2004) (KK)
 05410.0 OHT30P: Sonatrach Gas & Oil Ohanet 1955 LSB
 ALE/MIL-188-141A snd (13/Mar/2004) (KK)
 05410.0 RNOUSLR1: Sonatrach Gas & Oil Rourde Nouss 2030 LSB
 ALE/MIL-188-141A snd (13/Mar/2004) (KK)
 05418.0 AAA: Israeli Airforce 1744 USB ALE/MIL-188-141A cIng ?@?
 Globe AC (14/Mar/2004) (KK)
 05418.0 AAA: Israeli Airforce 1745 USB ALE/MIL-188-141A cIng AAA
 selftest, Arabic Voices (14/Mar/2004) (KK)
 05435 ---:E10 Mossad Israel Clandestine 1949 Thu 26 Feb 04 USB
 in 5 ltr traffic (EB)
 05450 ---:RAF Volmet UK Military Air 1946 Thu 26 Feb 04 USB
 airfield wx (EB)
 05500.0 AA1: Israeli Airforce 1959 USB ALE/MIL-188-141A cIng
 ACCESS1 who response (09/Mar/2004) (KK)
 05500.0 AA1: Israeli Airforce 1959 USB ALE/MIL-188-141A cIng AT1
 no response (09/Mar/2004)(KK)
 05505 Shannon:Shannon Volmet Air radio 1741 01 Mar 04 USB
 airfiled wx (EB)
 05505.0 ARA: : Arad ROU 17:34 USB/ALE calling BU1 MOI
 Bucharest16/feb/04 (PPA)
 05505.0 BU2 : MOI Bucharest 17:36 USB/ALE calling BU1 MOI
 Bucharest , net 2calling net 1 ? 16/feb/04 (PPA)
 05505.0 SUC: : Suceava ROU 17:33 USB/ALE calling BU2 MOI
 Bucharest 16/feb/04 (PPA)
 05550.0 New York: (MWARA CAR-B): 0123 USB w/PP-BIA (accented EE
 pilot) w/position report. 24/02 RP3
 05589.0 El Al ops: 2110 TAF reports given in Hebrew to unheard
 party,probably El Al ops 19/02 (PP1)
 05598.0 CO064: 0640 Continental 64 with Santa Maria 40N030W
 0626zclimbing 360 to 370 USB 22/02 (PP1)
 05598.0 Jetset: 565C 0620 Air2000 flight 565C with Santa
 Mariaselcall HK-DQ reg G-OOAV A321 USB 22/02 (PP1)
 05616 Shanwick:Shanwick Air radio 1639 Thur 18 Mar 04 USB
 called N436QS - no contact (EB)

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05659.9 : Unid 2056 MORSE/--/500 5FGs like 09002=90183=20875=85092 ... (FSK Morse). Could be only active chan of a DFSK system. (14Mar04) (RGA)

05680.0 GN DRDA: ?? any idea? not on my c/s list 0629 USB eng (german accent)y| radio check work glucksburg Feb25 04 ML

05680.0 SAR Argentina: 1609 USB SS OM dead on board of Unk F/V. Firsttime heard traffic on this freq. (05/03/04) (AJP)

05687.0 DHM91 GAF Muenster,D 1428 USB wkg PC073,Position report (23/Feb/2004)(KK)

05687.0 DHM91: GAF Muenster, D 1420 USB wkg GAF426 S/C-Check: #GKEP (18/Feb/04) (KK)

05687.0 DHM91: GAF Muenster, D 1426 USB wkg GAF304 (18/Feb/04) (KK)

05687.0 DHM91: GAF Muenster,D 0804 USB c|g DH032 GAF Wunstorf/LTG62 Voice Check (01/Mar/2004) (KK)

05696 : CAMSLANT 1322 USB wkg CG 6545 (unheard) for flight ops. (29Jan04) (RB)

05696 CG 2140: 1220 USB wkg CAMSLANT for radio guard, airborne homeplate Cape Cod for local patrol. (10Mar04) (RB)

05696 CG 2141: 1215 USB wkg CAMSLANT, who advises 2141 to contact Group Key West on 4 or 10 Megs. (10Mar04) (RB)

05696.0 Camslant Chesapeake: 1357 USB w/CG 2140 (HU-25, CGAS Cape Cod) w/position report (4128N/7211W). 26/02 RP3

05700.0 ERKINN: unid prob finish Net. 1705 USB ALE/MIL-188-141A c|g OMEGA70NE (11/Mar/2004)(KK)

05700.0 RADAR: unid slowaky 1941 USB ALE/MIL-188-141A c|g TAJGA (09/Mar/2004)(KK)

05702 ARCHITECT: RAF STCICS Bampton Castle GBR 2031 USB Msg to 2MC "TAC TAD 080 TAC RH" (I think). (28Feb04) (RGA)

05702 JDGSPR: USAF SIPRINET Stn Diego Garcia BIOT 2126 ALE/USB Sounds along with CROSPR/Croughton. (24Feb04) (RGA)

05702.0 CRO: CROUGHTON USAF 1941 ALE twas FEB12 04 ML

05702.0 HAW: ASCENSION USAF1928 ALE twas FEB12 04 ML

05702.0 MQP: RAF ARCH 2100 USB y| airfields weather "wattisham..." Feb23 04ML

05708.0 ICZ: NAS Sigonella ITA 1645 ALE/USB snd (23-feb-04)(MSM)

05708.0 JDG: USAF Diego Garcia 1626 USB/ALE snd (23-feb-04)(MSM)

05720 D-ALCD: Lufthansa Cargo MD11F Flt LH8283 1913 HFDL At 5545N 01621W. (19Feb04) (RGA)

05720 D-ALCE: Lufthansa Cargo MD11F Flt LH8189 1911 HFDL At 5650N 01736W. (19Feb04) (RGA)

05720 D-ALCM: Lufthansa Cargo MD11F 2104 HFDL Signs on to Reykjavik. (24Mar04) (RGA)

05720 LH8415: Lufthansa Cargo Flt 1912 HFDL At 2514N 07046E. (19Feb04) (RGA)

05720 N310UP: UPS B767 Flt UP6753 1914 HFDL Signs on to Reykjavik. (19Feb04) (RGA)

05720 N311UP: UPS B767 Flt UP6711 1910 HFDL Reports 5614N 02141W to ARINC Reykjavik. ICAO ID 1A32C5. (19Feb04) (RGA)

05720 N315UP: UPS B767 Flt UP6741 1912 HFDL Signs on. (19Feb04) (RGA)

05720 N328UP: UPS B767 Flt UP6727 1911 HFDL At 5546N 01643W. (19Feb04) (RGA)

05727.2 : NATO Tactical Data System 2035 LINK-11/2250/LSB Apparent synch tone only. (28Feb04) (RGA)

05732 J35: Prob USCG HH-60J Helicopter No 6035 0315 ALE/USB Many other COTHEN stations monitored. (02Mar04) (GB)

05732.0 503: UNID 2345 MIL.STD 188-141A ALE on usb. Sounding (16/Mar)(DW)

05732.0 CS1: US CUSTOMS ATLANTA 0106 MIL.STD 188-141A ALE on usb. Sounding. Also at 0151z (17/Mar)(DW)

05732.0 CS9: US CUSTOMS BEAUFORT 0315 MIL.STD 188-141A ALE on usb. Sounding. (17/Mar)(DW)

05732.0 CS9: US CUSTOMS BEAUFORT 2329 MIL.STD 188-141A ALE on usb. Sounding (16/Mar)(DW)

05732.0 J19: USCG Helo HH60-J #6019 0147 MIL.STD 188-141A ALE on

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usb. C1ng UCG/US Customs-USCG Coordination Chesapeake.
Also 0155. 0149 sounding. (17/Mar)(DW)

05732.0 J19: USCG Helo HH60-J #6019 2346 MIL.STD 188-141A ALE on
usb. Sounding. (16/Mar)(DW)

05740 IASE: Ital Navy Vessel 1750 USB clg BDTB, no joy.
(07/Mar/04) (ALF)

05750.0 no call: ; Unid OTHR 07:48 USB 10 khz width signal
transmitting 100 hzpulses in 200 ms burst 22/feb/04 (PPA)

05755 VMW: Wiluna Met 1543 FAX/120/576 Fair chart //7535 &
10555.3 (08/Mar/04) (RH2)

05785.0 HIM022: POLISH MIL ?LOC 0022 MIL.STD 188-141A ALE on usb.
C1ng XUE019. Also at 0033z (18/Mar)(DW)

05785.0 HIM022: POLISH MIL ?LOC 2009 MIL.STD 188-141A ALE on usb.
C1ng UMC017 (17/Mar)(DW)

05785.0 IAU025: POLISH MIL ?LOC 1928 MIL.STD 188-141A ALE on usb.
C1ng QUT024 (17/Mar)(DW)

05788.0 68: DANISH ARMY ?LOC 2100 MIL.STD 188-141A ALE on usb.
C1ng DK11 (17/Mar)(DW)

05860.0 FAAZFW: ; FAA Fort Worth TX USA 07:16 USB/ALE sounding
22/feb/04 (PPA)

05871.0 TWLA: GUARDIA CIVIL VITORIA 0906 MIL.STD 188-141A ALE on
usb. C1ng TZSJ/Jaen (15/Mar)(DW)

05871.0 TZSJ: GUARDIA CIVIL JAEN 0549 MIL.STD 188-141A ALE on
usb. C1ng TXXX/GC HQ (15/Mar)(DW)

05871.0 TZSU: GUARDIA CIVIL CEUTA 2158 MIL.STD 188-141A ALE on
usb. C1ng TXXX1/GC HQ (15/Mar)(DW)

05877.0 F2Z224: (2/224th Avn Bn, VANG, Richmond VA): 1557 USB/ALE
sounding. 25/02 RP3

05916.0 RCV: Moscow 1529-1558 26.02.04 RUS CW in Russian:
warnings, wx, wxforecast for 2 days (Black Sea), manual
keying. 26/feb/04 (SK)

05928.0 T17: 0234 MIL-STD 188-141A ALE on usb. THIS WAS T17
(12/Feb) (HL4)

06312 : MRCC Charleville/wiluna AUS 2018 GMDSS Apparent self-
addressed safety test. (24Mar04) (RGA)

06312 A8AG3: Liberian Registered Vessel Venus Bridge 2220 GMDSS
Sets up simplex telephone call with Ever Uranus/3FCA9 on
8225 kHz USB. (28Feb04) (RGA)

06312 EDWY: Spanish Vessel Playa de Tambo 2229 GMDSS Sets up
simplex telephone call with sister vessel Playa de
Arnelos/EAXT on 2112 kHz USB. (28Feb04) (RGA)

06312 EI5777: Irish Fishing Vessel Cu Na Mara (Sea Dog) 2232
GMDSS Calls unid Irish vessel with MMSI 250209000 for
simplex telephone conversation on 6808 kHz.
(24Feb04) (RGA)

06312 ELU05: Liberian Registered Vessel Minaeral Dragon 2200
GMDSS RQs MRCC Capetown for safety test. (28Feb04) (RGA)

06312 LAWE5: Norwegian Ship Northern Bell 2014 GMDSS Calls BQs
MRCC Karachi for safety test. (24Mar04) (RGA)

06312 P3SM5: Cypriot Ship Patriot 2231 GMDSS RQ safety test to
Lyngby/OXZ who BQs. (24Feb04) (RGA)

06318.5 Q43: (unidentified): 1857 USB/ALE TO HMV (unidentified).
17/02 RP3

06318.5 RT3: (unidentified): 1527 USB/ALE TO WHP (unidentified).
17/02 RP3

06318.5 RT3: (unidentified): 2006 USB/ALE TO HMV (unidentified).
17/02 RP3

06318.5 RT5PILGRIM: (unidentified): 1744 USB/ALE TO RT1PILGRIM
(unidentified)--[AMD]VHP. 17/02 RP3

06323.0 UDK: Murmansk 0239Z SITOR-A/CW 100/170 Id's between
Sitor idle bursts,tfc with ships. 07/Mar/2004 (BM)

06340.5 NMF: USCG Boston 0254 FAX/120/576 Fax Schedule //4235.
(03/Mar/04) (RH2)

06348 FUE: FN Brest 2046 RTTY/150/850 Fast test idlers.
(25Feb04) (RGA)

06348 FUE:French naval Brest France Naval 1747 01 Mar 04 RTTY
150 callband (EB)

06348 FUE:French navy Brest France Naval 1911 Thu 26 Feb 04

RTTY 150 callband (EB)
06376.0 M2: Unid 0035 USB SS 'M2 calling 'P4' and 'F3'
(19/02/04)(AJP)
06379 4XZ: Navy Haifa ISR 2111 SRI US6R QSL NR96 = = (rptd).
(14Mar04) (RGA)
06396 9HD: Globe Malta 2109 GLOBEDATA Idling. (14Mar04) (RGA)
06449.7 PWZ: BN Rio 0425 RTTY/75/850 Navwngs/PP, Oil Rig Posns.
(08/Mar/04) (RH2)
06457.7 Unid: SS Navrad 0445 RTTY/100/850 Crypto.
(08/Mar/04) (RH2)
06462.6 F23HDA: Fronet User, S 1615 P-I/100Bd clg
(21/Feb/04) (KK)
06462.6 F52HAF: Fronet User, S 1641 P-I/100Bd clg
(21/Feb/04) (KK)
06465 UIW: KaliningradRadio 2042 Navarea I(?) NAWIPs.
(25Feb04) (RGA)
06465 UIW: KaliningradRadio 2106 CW NAWIPs MIBs/WX (?)
(14Mar04) (RGA)
06467 LFI: Globe Rogaland NOR 1946 ACB462 Idlers.
(28Feb04) (RGA)
06467 LFI:Rogalan radio Norway Maritime 1859 Thur 26 Feb 04
Globe marker (EB)
06470 UCE: ArkhangelskRadio 2040 CW Tgms to ships.
(25Feb04) (RGA)
06488 JJS: Russian Military 2208 CW Msg for SH5N 843 34 26
0015 843 = 946 AAAAA DDDDD ZAIZ? ... ?????? BEKWB K.
(25Feb04) (RGA)
06491.5 LOR: AN Puerto Belgrano 0510 RTTY/75/170 5LG to unk.
(21/Feb/04) (RH2)
06493.5 HEC: Globe Berne SWI 2104 GLOBEDATA w/idles.
(14Mar04) (RGA)
06494.5 ZSJ: SAN Silvermine 1805 MFSK/32/54.5 (17/Feb/04) (RH2)
06494.7 ZSJ: SAN Silvermine 1655 MFSK/32 54.5bd.
(04/Mar/04) (RH2)
06501.0 NMN (Camslant Chesapeake): 2249 USB w/voice announcements
and wx. 26/02 RP3
06501.0 NMN: (Camslant Chesapeake): 2249 USB w/voice
announcements and wx. 26/02 RP3
06507.0 SVC: Olympia Radio 1630 USB fem. voice: This is Olympia
Radio (15/Feb/2004) (KK)
06513.0 7TF36: BOUFARIK 0725 USB fren/arab simplex work 06212.0
(also heard)unid ship / telegram about uno pallets
Feb24 04 ML
06532 A7-ACD: Qatar Airways A330 2232 HFDL Signs on to ARINC
Shannon IRL. (25Feb04) (RGA)
06532 AB1234: Unid 2233 HFDL Reports 4732N 12219W to Shannon.
(25Feb04) (RGA)
06532 G-VMEG: Virgin Atlantic A340 'Mystic Maiden' Flt VS0009
2223 HFDL Signs on. (25Feb04) (RGA)
06532 N57111: Continental B757 2233 HFDL Signs on to Shannon.
(25Feb04) (RGA)
06532 ZS-SNC: S.African Airways A340 Flt SA0261 2233 HFDL At
58N 01230E. (25Feb04) (RGA)
06556.0 no call: : Jakarta aeradio INS 19:43 J3E/USB working
Olympic 652 15/feb/04 (PPA)
06565 123: Colombian Navy warship(?) 0317 ALE/USB calls
CAR/Carreno Naval Base. (13Mar04) (BH)
06565 NEPTUNO: Unid Colombian Navy 0234 ALE/USB calls
CAR/Carreno Naval Base. (13Mar04) (BH)
06600 1000: Italian GUARFI Net 2145 ALE/USB Sounding.
(24Feb04) (RGA)
06617.0 MOSCOW VM: 1640 USB y1 russ Feb23 04 ML
06697 BACK PAGE: 28-char EAM Bcast 0337 USB 5Y6FMH simulcast on
at least 8992 and 11244 with nothing heard on 13155.
H+07/h+37 activity. (20 Feb 04) (JH)
06697 CLERICAL: 28-char EAM 0535 USB 443HEL simulcast on at
least 8992 and 11244 with nothing heard on 13155.
(12 Mar 04) (JH)

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- 06697 CLERICAL: EAM Bcast 0537 USB 443HEL simulcast 8992, 11244 with nothing heard on 13155. H+07/h+37 activity. CLERICAL (h+07/h+37), CORPORATE (or whoever; h+14/h+44) and PORK PIE (h+25 only) all sounded about the same, noisy audio and all. (12 Mar 04) (JH)
- 06697 CORPORATE(?): EAM Bcast 0444 USB 44SGHP simulcast 8992, 11244 and 13155. H+14/h+44 activity. (12 Mar 04) (JH)
- 06697 HARDSHIP(?): EAM Bcast 1084 USB 44BAXD simulcast 8992 and 11244 with nothing heard on 13155. Back up at 0844 with same. H+14/h+44 activity. (08 Mar 04) (JH)
- 06697 HOME TEAM: 28-char EAM Bcasts 0507 UT2NU?; UTP4BJ; UT27SQ and simulcasting same on at least 8992 with nothing heard on 11244 or 13155. (22 Feb 04) (JH)
- 06697 HOME TEAM: EAM Bcasts 0537 USB UT2NU?; UTP4BJ and UT27SQ simulcasting same on at least 8992 and 11244 with nothing heard on 13155. H+07/h+37 activity. (22 Feb 04) (JH)
- 06697 JUNCTURE: EAM Bcast 1725 USB 44R4JQ simulcast on at least 8992 and 11244 with nothing heard on 13155. H+25/h+55 activity. (11 Mar 04) (JH)
- 06697 LIVE BALL: 28-char EAM 0811 USB PYI3LP simulcast on at least 8992. Active with same through at least 0937z. Active at 1037z with the 28-character EAM PY3LYO followed at 1040z with PY3LYO, the 28-character PYPHY7, and PYI3LP. H+07/h+37. Long lived activity. (17 Mar 04) (JH)
- 06697 MKL de B9Y:RAF UK Military air 1654 Thur 18 Mar 04 USB B9Y on task 1653Z out (EB)
- 06697 PORK PIE: 28-char EAM 0425 USB 44SGHP simulcast on at least 8992 and 11244 with nothing heard on 13155. H+25/h+55 activity. Unusual late activity. (12 Mar 04) (JH)
- 06697 ROLL HOME: 28-char EAM 1953 USB UTRRY6. Maybe ROW HOME. Periodic beep/tone on his audio. Simulcasting on at least 8992 and 11244 with nothing heard on 13155. (26 Feb 04) (JH)
- 06697 RUBY RED: 28-char EAM 1721 USB UTVQHL About the same time as the HFGCS's xmsn of same, and simulcasting same on at least 11244 with nothing heard on 13155 or 8992. He was back up with same on same freqs at 1725z. H+25/h+55 activity. (29 Feb 04) (JH)
- 06697 TWO TIMER: 28-char EAM Bcast 1716 USB 5YGOI2 preceding ANDREWS' 1718z HFGCS bcst of same, and simulcasting same on at least 8992 with nothing heard on 11244 or 13155. (20 Feb 04) (JH)
- 06702.0 Birrete: AN 0105 USB SS calling "Palmero" (13/02/04) (AJP)
- 06712 CLERICAL: wkg ANDREWS 0817 USB Successful patch to FOOTHILL. CLERICAL passed an AKAC 3-6-9 message of 7 groups (3CL SFZ XTE MCF IBV JED PNQ), had it read back for validation and gone. (12 Mar 04) (JH)
- 06712.0 AFA: ANDREWS ID USAF 0733 USB y1 EAM Feb24 04 ML
- 06712.0 FAF: 1623 USB french unid flight detailed checking Feb27 04 ML
- 06712.0 USAF 68: ?? 0632 ALE to DK11 ?? any idea ale doctor ?Feb23 04 ML
- 06718.0 FUI: AJACCIO FN 0737 USB fren "snooper 1..." Feb24 04 ML
- 06721 270041: Unid USAF Aircraft 2157 ALE/USB wkg HAW/Ascension. (12Mar04) (RGA)
- 06721 PLA: USAF Lajes Field AZR 2208 ALE/USB calls ICZ/NAS Sigonella ITA. JNR/NAS Roosevelt Road PR Sounds. (28Feb04) (RGA)
- 06721.0 160017: ; USAF C5 86-0017 05:22 USB/ALE sounding 22/feb/04 (PPA)
- 06721.0 MPA: ; USAF Port Stanley FLK 04:55 USB/ALE sounding 22/feb/04 (PPA)
- 06730.0 IN: or IAF ? SIGONELLA ? 0613 USB italian "dagga" Feb23 04 ML
- 06733.0 IDR: ROME IN 0548 USB eng "1 1 over..." Feb24 04 ML

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06754 : Trenton Military 0324 USB with aviation weather for Greenwood, Ottawa, others in progress. (25Feb04) (RB)

06786 CMO: Unid Venezuelan Army 2157 ALE/USB Calls CRC4/Regional Cmd Centre Military Region 4. (12Mar04) (RGA)

06790.0 ---: AN 0129 LSB SS Antartic Base Jubany in informal chat with Icebreaker "Alm. Irizar" (13/02/04) (AJP)

06791.0 ---: Rural telephone net Patagonia Argentina 2258 USB SS Farm "El Cipres" in pp (11/02/04) (AJP)

06799.9 unid: North Korean diplo 04:50 ITA2 / 50 /1000 Plain Korean text after rryryry and message header ZM79 092 (PPA)

06844 DELTA03RS1006: Uzbek Military, UZB 0208 USB/MIL-STD 188-141A, traffic to "RADAR92RS1006" (26Feb04) (LDO)

06844.0 DELTA03RS1006: Uzbek Military, UZB 0208 USB/MIL-STD 188-141A, traffic to "RADAR92RS1006" (26Feb04) (LDO)

06850.0 DPRK Embassy Havana: 0352Z ITA-2 50/1000 Plaintext KK, then into numbers 03/03/04 (BM)

06865.5 unid: North Korean diplo 04:00 ITA2 / 50 /1000 5F message after mf300/79 nr0159 w-0079 (PPA)

06880.0 555: : unid station 19:45 USB/ALE calling 01@ 17/feb/04 (PPA)

06880.0 COM1N@: : unid station 19:52 USB/ALE calling EIT1N@ 17/feb/04 (PPA)

06880.0 Foxtrot Bravo: : Italian navy 19:45 J3E/USB calling and working "Delta" and "Donia" for radiocheck 17/feb/04 (PPA)

06880.0 unid: station 19:30 MIL-STD 188-110 serial modem /2400 bps / 3Kzero/long interleave in burst mode working another station , CIPHERED msg 17/feb/04 (PPA)

06889.5 NE1: Unid ALE/USB Calls: CH1, EZ1, EZ2, HX8?, BA1 and 15 1400 (02/03/04) (AJP)

06894 : Unid. Prob Illicit 2100 AM YL 5FGs in (prob) Russian. (14Mar04) (RGA)

06900.0 0000006138: Turkish Net 0523 USB ALE/MIL-188-141A snd (14/Feb/2004) (KK)

06900.0 B01: unid 0701 USB ALE/MIL-188-141A clg HF1 (14/Feb/2004) (KK)

06900.0 B02: unid 0835 USB ALE/MIL-188-141A clg HF2 (14/Feb/2004) (KK)

06900.0 CER41 (FR MFA Paris): 2125 USB/ALE TO LECAIRE (FR Embassy Cairo). 26/02 RP3

06900.0 LECAIRE: (FR Embassy Cairo): 2125 USB/ALE TO CER41(FR MFA Paris). 27/02 RP3

06900.0 LECAIRE: F.Emb. Lecaire 0000 USB ALE/MIL-188-141A clg CER41 MFA Paris,F [CMD (UUF mode in Hex)]:7C 00 07 (14/Feb/2004) (KK)

06922 0ZZ: Moroccan Gendarmerie 2217 ALE/USB Calls 4LL. (24Feb04) (RGA)

06932.0 229: 0132 MIL-STD 188-141A ALE on usb. THIS WAS 229 (12/Feb) (HL4)

06970.5 FDG: FAF Bordeaux 1950 CW Vs marker. Later QSYs to 4922.5 (28Feb04) (RGA)

06981 ALR: Algerian Sonalgaz Net Alrar 2220 ALE/?SB sounding. (19Feb04) (RGA)

06982.0 RFFXL: : FF Naqoura LBN 19:00 ARQ-E/184,6/400 5L message on XZL cct toParis 17/feb/04 (PPA)

06993 : Russian Military 1953 MS-5/4800/DPSK/USB Cipher/tones. Some voice opchat in RR. (28Feb04) (RGA)

06993.8 MFJ: & NRF / RN SCC (sea cadet corps) 1020 FEC 100 any test trasmissions with exercices about airfiels weather data FEB22 04 ML

07009.0 100: 0136 MIL-STD 188-141A ALE on usb. TO: 103 THIS WAS 100 (12/Feb) (HL4)

07021.5 Unid: 0153 MIL-STD 188-141A ALE SOUND/USB (03/Mar) (JJP)

07039.0 M: Magadan, Russia 1434z Feb 10, 2004 CW "M" very raspy signal [SN]

07041 DFYQ: Russian Military 2007 CW Msg for CIXG 984 36 13

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2254 984 = 879 = P P P P P YUWGH ... LBFZV aEPEE = 090 RPT AL
 QLN K. Then routine comms check with C8NM KOC4 MYSZ and
 4EPE. Simplex net. Only 4EPE heard responding.
 (13Mar04) (RGA)

07205 EAGLE1: US Army/NGB 0408 ALE/USB Sounding. (17Mar04) (JJ)
 07205.0 Unid: 0408 MIL-STD 188-141A ALE SOUND/USB UNID STN
 TO.EAGLE1 (17/Mar)(JJ)

07310.0 000: (unidentified Venezuelan military): 2303 USB/ALE TO
 001 (unidentified Venezuelan military). 16/02 RP3

07317.0 134: 0833 MIL-STD 188-141A ALE on usb. TO: 130 THIS WAS
 134 (12/Feb) (HL4)

07325 KP35: Algerian MOI 2300 ALE/USB Calls KP30.
 (24Feb04) (RGA)

07348.0 TDLFEM: (FEMA, Technical Development Laboratory??): 1902
 USB/ALE sounding. 18/02 RP3

07448.5 USAIS1012: (Army Intelligence & Security Command, Ft
 Belvoir VA): 1637 USB/ALE TO USANG2409 (US Army Nat'l
 Guard HQs). 25/02 RP3

07448.5 USAIS1012: (Army Intelligence & Security Command, Ft
 Belvoir VA): 1647 USB/ALE TO USAMC2120 (Army Materiel
 Command, Alexandria VA). 25/02 RP3

07485 PNM: Romanian MOI Piatre Niamt 2254 ALE/USB Calls
 MIR/Miercurea-Cruc. (24Feb04) (RGA)

07508 ZSJ: SAN Silvermine 0810 FAX/120/576 weddell west Ice
 Analysis fm "National/Naval Ice Centre" - clear chart.
 (20/Feb/04) (RH2)

07508 ZSJ: SAN Silvermine 1000 RTTY/75/170 Nav v11 wx w Meteo
 France Reunion for Amsterdam, Kerguelen and Crozet Isles.
 (11/Mar/04) (RH2)

07508 ZSJ: SAN Silvermine Afmet 0930 RTTY/75/170 wx for Metarea
 V11 // 13538 & 18538 (25/Feb/04) (RH2)

07512 SOPHOCLEA: Rohde & Schwarz demo station, 1038 USB/MIL-STD
 188-141A calling "NOMADE8" (25Feb04) (LDO)

07512.0 SOPHOCLEA: Rohde & Schwarz demo station, 1038 USB/MIL-STD
 188-141A calling "NOMADE8"(25Feb04) (LDO)

07527 01 JOLIET(J01): Called CAMSPAC 0151 USB For approach to
 homeplate. CAMSPAC replied secure at 52 the CAMSPAC OUT.
 (09Mar04) (GB)

07527 11 JOLIET(J11): Called CAMSPAC (UCG) 0148 USB Position
 report 3014N 08700(?)W. CAMSPAC responded. (09Mar04) (GB)

07527 24 CHARLIE(J24): Calls TAMPA FLIGHT CENTRE 0144 USB Gave
 bearing 139 and 45 NmIs from C-6. (09Mar04) (GB)

07527 A20: Unid US Customs 2307 ALE/USB Working 207 in voice
 with Service Centre. Requested guard. Many other COTHEN
 stations monitored. (01Mar04) (DC)

07527 A99: Prob USCG HH-65A Helicopter 2357 ALE/USB Sounding.
 (25Feb04) (DC)

07527 CAMSPAC (UCG): wkg 6011 HH60L (J11) 0104 USB No reply.
 (10Mar04) (GB)

07527 CAMSPAC: Port Reyes CA USA 0156 USB Called JOLIET 19
 (J19) to request flight ops. Replied ops normal 2759N
 02890(?)W. CAMSPAC responded. (09Mar04) (GB)

07527 CHARLIE(J24): wkg TAMPA FLIGHT(OPB) 0128 USB Possibly
 helicopter. Called first on ALE. CHARLIE gave bearing 131
 and 60 NmIs from C-6. (09Mar04) (GB)

07527 CS1: Unid US Customs 2341 ALE/USB Sounding.
 (25Feb04) (DC)

07527 CS2: Unid US Customs 2313 ALE/USB Sounds. (25Feb04) (DC)

07527 CS3: US Customs/COTHEN Remote Oklahoma City OK 2333
 ALE/USB Sounds. (25Feb04) (DC)

07527 CS4: Unid US Customs 2330 ALE/USB Sounding.
 (25Feb04) (DC)

07527 CS6: US Customs/COTHEN Kansas City MO 2355 ALE/USB
 Sounding. (25Feb04) (DC)

07527 D44: Prob US Customs Orion Aircraft 2325 ALE/USB Sounds.
 (25Feb04) (DC)

07527 F35: Prob USCG HU-25C No 2135 2333 ALE/USB Sounding.
 (25Feb04) (DC)

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07527 F40: USCG HU-25 #2140 from CGAS Cape Cod 2314 ALE/USB Sounding. (24Feb04) (RGA)

07527 F40: USCG HU-25 #2140 from CGAS Cape Cod 2350 ALE/USB Sounding. (25Feb04) (DC)

07527 I63: Unid US Customs 2336 ALE/USB Sounding. (25Feb04) (DC)

07527 I75: Unid US Customs 2340 ALE/USB Sounding. (25Feb04) (DC)

07527 JOLIET(J01): wkg CAMSPAC Port Reyes (UCG) 0137 USB Possibly helicopter. (09Mar04) (GB)

07527 MCV: Unid US Customs 1226 ALE/USB Sounding. Many other COTHEN Stns monitored. (04Mar04) (DC)

07527 MCV: Unid US Customs 1500 ALE/USB Sounding. (04Mar04) (DC)

07527 MV5: Poss US Customs vessel 2359 ALE/USB Sounding. (25Feb04) (DC)

07527 OMAHA 62 (I62): Clg HAMMER (CS4) 0114 USB situation status. Aircraft was being observed somewhere near Umha AZ. would tail aircraft as fuel permits. PANTHER also on frequency. (13Mar04) (GB)

07527 PR1: US Customs S.Juan PR 2155 ALE/USB Sounds. (19Feb04) (RGA)

07527 SIX ZERO ALPHA (60A): UH-60 Tail 94-26560 0142 USB called PANTHER with status and position. Noticeably there were more comms between 60A and PANTHER mainly 60A with status and posns. (10Mar04) (GB)

07527 T03: Unid US Customs 2340 ALE/USB Sounding. (25Feb04) (DC)

07527 WCV: Unid US Customs 1553 ALE/USB Sounding. (04Mar04) (DC)

07595 : NATO Tactical Data System 2029 LINK-11/2250/USB TADIL-A. (25Feb04) (RGA)

07620 0000006666: Turkish Net 2305 ALE/USB Sounding. (24Feb04) (RGA)

07630 AAA: Israeli AF 2158 ALE/USB Sounds. (19Feb04) (RGA)

07635 0ZZ: Moroccan Gendarmerie 2156 ALE/USB Calls 6LY and 4LL on 6922 kHz. (28Feb04) (RGA)

07635.0 1PG: MOROC GENDARMES ?LOC 1055 MIL.STD 188-141A ALE on usb. Clng 6UL. New ID's in use, probably changed 11/Mar. (13/Mar)(DW)

07635.0 Hill CAP 49: (West Virginia CAP): 1505 USB w/Red Robin 8 (Ohio CAP) and Aspen Gold 37 (Colorado CAP) trying to contact stations for the CAP National Command Net. 19/02 RP3

07646.0 DDH7: HAMBURG MET 0803 BAUDOT/50 /synop weather report from russianship mikhail verbitsky off western irish coast / uamy Feb22 04 ML

07646.0 DDH7: HAMBURG MET 0803 BAUDOT/50 /synop weather report from tegeoscyprus ship// dutch fishing vessel off ireland // oocl fortune containership registered in hong kong Feb22 04 ML

07675.0 102: : maybe CHN diplo 18:51 USB/ALE calling 104 who answers 16/feb/04 (PPA)

07675.0 105: CHIN DIPLO 0728 ALE to 107 Feb23 04 ML

07675.0 106,102,101 with 107: prob. Chinese Mil or Diplo 1812,1812,1754 USB/ALE (23-feb-04)(MSM)

07675.0 106: CHIN DIPLO 0728 ALE to 105 Feb23 04 ML

07675.0 107: CHIN DIPLO 0727 ALE to 105 Feb23 04 ML

07687 : Russian Military 2139 MS-5A/1500/BPSK/USB Cipher. (14Mar04) (RGA)

07687 : UNID CIS-MIL, RUS? 1803 USB/20x75Bd BPSK, continuous traffic, unmodulated pilot at +3300Hz (14Mar04) (LDO)

07687.0 no-call: UNID CIS-MIL, RUS? 1803 USB/20x75Bd BPSK, continuous traffic, unmodulated pilot at +3300Hz (14Mar04) (LDO)

07689 R23948: US Army Helicopter 2205 ALE/USB wkg T54MED/unid US Army NGB (19Feb04) (RGA)

07725 DT4: Unid 2200 ALE/USB Calls DT0 who responds. Sends

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- [AMD] WZ< (03Mar04) (RGA)
07738.0 104: (unidentified): 0145 USB/ALE TO 100 (unidentified).
17/02 RP3
07752.0 AL22: Algerian MOI Algiers 1824 USB/ALE(23-feb-04)(MSM)
07752.0 MS20: Algerian MOI 1719 USB/ALE wkng MS23
(23-feb-04)(MSM)
07752.0 NX21: Unid Algerian MOI 1810 USB/ALE calls unid NX20
(23-feb-04)(MSM)
07760.9 unid: military station 19:08 F1B/150/500 ACF=0 ciphered
16/feb/04 (PPA)
07777 RAYO: Mexican Military 0341 ALE/USB Calls CELTA who
responds. (27Feb04) (GB)
07777 RM14: Mexican Army Military Region 14 1652 ALE/USB Calls
JADE who responds. These carried on a long conversation
in Spanish. JADE was later called by RM8. (29Feb04) (GB)
07777.1 L2C: PNA Buenos Aires 0100 FEC Wx/SS for Areas Oceanicas.
(21/Feb/04) (RH2)
07787.8 FDI8: : FAF Nice 18:34 A1A vvv vvv de fdi8 fdi8 ar
17/feb/04 (PPA)
07792.0 KUW: British Army RSR Kuwait City, Kuwait 1714 ALE/USB
snd (23-feb-04)(MSM)
07801.5 EIT1N: & COM1N, UNID (Canadian Forces frequency): 2325
USB ALE (20/FEB/04) (JLM)
07805 BE1RL: Unid US FEMA 2142 ALE/USB Sounding.
(03Mar04) (RGA)
07810.0 O/M: (Arabic): 0150 USB w/O/M (Arabic). Signal too weak
to get anything but language ident. 19/02 RP3
07811.0 #'s: Tentative CIO2 log 0346z ID Feb 11, 2004 USB heard
but too weak to positively [SN]
07890.0 O/M: (Canadian FF): 2335 USB w/O/M (Canadian FF). Caught
at end of exchange. Said they would contact each other
tomorrow as usual. Sounded like out-of-band hams--not
using callsigns. 18/02 RP3
07903.0 O/M: (Caribbean EE): 2329 LSB w/Y/L (Caribbean EE) in
personal conversation. 18/02 RP3
07925 T86MED: 86 Ops Group Ramstein Associated 2152 ALE/USB
Sounds. (03Mar04) (RGA)
07948.5 ?????: Unid 0004 ALE/USB Sounding. (No call!! - Team
Logs). (03Mar04) (JJ)
07948.5 Unid: 0004 MIL-STD 188-141A ALE SOUND/USB (03/Mar)(JJP)
07966.0 1111: N.African Net 1709 ALE/USB Sounds (23-feb-04)(MSM)
07967.5 unid: PRC Air Defense 0013 4FSK 100/1500 4FSK Burst modem
w/500hzspacing. (12-Feb-04) (JUM)
07989.0 O/M: (SS): 2325 USB w/unheard station Enrique. 18/02 RP3
08009.4 VQEW2: VICTORIA II 0035 P-I/200Bd clg WPUC469 Sailmail
R13 South Daytona P-II msg 3704 (22/Feb/2004) (KK)
08009.4 WPUC-469: SailMail South Daytona FL USA 0204 PACTOR-2
(23Feb04) (AD)
08010.0 99: 2107 Danish Army calling 68 ALE/USB 14/02 (PP1)
08010.0 PNM: 2021 Romanian MOI Piatra Neamt calling MIR
ALE/USB 14/02(PP1)
08010.0 Unid: 2323 CW w/cut numbers. Distinctive transmitter hum.
Cuban illicit (M8). 18/02 RP3
08010.0 VAS: 0733 Romanian MOI Vaslui calling BUZ ALE/USB
18/02 (PP1)
08011 T2Z52: US Army/NGB 0412 ALE/USB Sounds. (17Mar04) (JJ)
08011.0 T2Z52: 0412 MIL-STD 188-141A ALE SOUND/USB THIS WAS T2Z52
(17/Mar)(JJ)
08016.1 HUB: MAF HF-Radio Hub prob. Caracas 2225-0404
G-Tor/300Bd to various ven. missionary loc's: COSH
(Coshilwateli), COYO (?), CUWA (Cuwa), IBPVS(?),
JANK(?), JAL (Jalului-Teli), VEN(?) maflink mail/chat
(08/Feb/2004) (KK)
08020.4 CFK7123: (Not listed) 0051 P-I/200Bd try to cnt WHV681
ends with "de cfk7123" (03/Mar/2004) (KK)
08032.0 unid: 0625 repetitive six tones alternate with a short
digital burst?? any idea ? Feb25 04 ML
08033.0 CZECH NET: ? any idea? 0708 USB cz d/x words clear &

abbreviationsFeb25 04 ML
 08037.0 ALB: (probably Nat'l Guard Bureau, Albany NY): 1444
 USB/ALE sounding. 13/02 RP3
 08040.0 RN FWOC Northwood: 2230 Fax w/wx chart. 26/02 RP3
 08040.0 RN FWOC: 2129 Fax w/wx chart. 24/02 RP3
 08040.0 RN FWOC: 2317 Fax w/wx chart. 17/02 RP3
 08040.0 RN FWOC: 2319 Fax w/wx chart. 18/02 RP3
 08040.0 RN FWOC: Northwood: 2230 Fax w/wx chart. 26/02 RP3
 08050.0 FC8FEM: (Communications Manager, FEMA Region 8, Denver
 CO): 2150 USB/ALE sounding. 18/02 RP3
 08056.0 293: (DLA 293, Ft Belvoir VA): 1734 USB/ALE sounding.
 19/02 RP3
 08056.0 309: (DLA 309, Defense Logistics Agency, Battle Creek
 MI): 1743 USB/ALE sounding. 21/02 RP3
 08056.0 309: (DLA 309, Defense Logistics Agency, Battle Creek
 MI): 1743 USB/ALE sounding. 24/02 RP3
 08056.0 309: (DLA 309, Defense Logistics Agency, Battle Creek
 MI): 2043 USB/ALE sounding. 19/02 RP3
 08056.0 46: (unidentified): 0306USB/ALE TO 16 (unidentified).
 21/02 RP3
 08056.0 A3Z: (unidentified SHARES station): 1719 USB/ALE
 sounding. 28/02 RP3
 08058.6 ANGSPRINGFIELD: (Army Nat'l Guard, Springfield IL): 2115
 USB/ALE sounding. 27/02 RP3
 08058.6 ANGSPRINGFIELD: (Nat'l Guard Bureau, Springfield IL):
 1803 USB/ALE sounding. 15/02 RP3
 08060.0 CS003A: Italian Mil. 1104 USB ALE/MIL-188-141A c1g
 RS008B who response (06/Mar/2004) (KK)
 08067.7 WC2296: "RIKAVA " 2335 P-I/200Bd c1g WGM-1
 Ft.Lauderdale,FL "ZCZC SEAMAIL Ship v6.0 Xaxero Software"
 (29/Feb/2004) (KK)
 08067.7 WC28967: "JABULANI " 0010 P-I/200Bd c1g WGM-1
 Ft.Lauderdale,FL "WC28967 DE WGM-1 3324 in 00:02CVT"
 (01/Mar/2004) (KK)
 08072.0 CENTR7: MFA Bucuresti, ROU 1039 USB ALE/MIL-188-141A c1g
 ZWP rom. Embassy who response (24/Feb/2004)(KK)
 08086 KP35: Algerian MOI 2135 ALE/USB Calls AL32.
 (19Feb04) (RGA)
 08092 F236AA: 236th MedCo Landstuhl, D 1343 USB/MIL-STD
 188-141A, sounding (27Feb04) (LDO)
 08092 R26801: US Army UH-60L Blackhawk, D 1752 USB/MIL-STD
 188-141A calling T2Z501 [2-501st AVN Hanau/Germany]
 (27Feb04) (LDO)
 08092.0 F236AA: 236th MedCo Landstuhl, D 1343 USB/MIL-STD
 188-141A, sounding (27Feb04) (LDO)
 08092.0 F236AA: 236th MedCo Landstuhl, D 1555 USB ALE/MIL-188-141A
 snd (07/Mar/2004) (KK)
 08092.0 R26801: US Army UH-60L Blackhawk, D 1752 USB/MIL-STD
 188-141A calling T2Z501 [2-501st AVNHanau/Germany]
 (27Feb04) (LDO)
 08094.0 IQ0: 1627 unid net ALE/USB 18/02 (PP1)
 08097.0 #'s: QTH? 0512z Feb 12, 2004 USB SS/YL/5F traffic [SN]
 08097.0 Y/L: (SS): 0617 USB w/5-digit groups. Probably Attencion
 (V2). 19/02 RP3
 08103.0 4XZ: (Israeli Navy Haifa): 2319 CW. 17/02 RP3
 08110.0 O/M (JJ): 0234 USB w/O/M (JJ). 24/02 RP3
 08127.2 unid: ? 0052 P-I/200Bd c1g various stations like: GRG,
 JANK,LAS, OCA, PAR, PLA (03/Mar/2004) (KK)
 08131.0 O/M: (African language/EE): 0133 USB w/unheard station.
 18/02 RP3
 08134.0 Unid: 2320 CW w/cut numbers. Probably Cuban illicit (M8).
 Very distinctive "hum" to transmitter. 17/02 RP3
 08151.0 TWLL: GUARDIA CIVIL LA RIOJA 1802 MIL.STD 188-141A ALE on
 usb. c1ng TXXX/GC HQ (14/Mar)(DW)
 08151.0 TXXX: GUARDIA CIVIL HQ 0757 MIL.STD 188-141A ALE on usb.
 c1ng TZSJ/Jaen (15/Mar)(DW)
 08151.0 TXXX: GUARDIA CIVIL HQ 1932 MIL.STD 188-141A ALE on usb.
 c1ng TZSH/Huelva.1941 c1ng TZSA/Almeria. 1954 c1ng

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TZSM/Malaga. 2003 c1ng TZSG/Granda, also at 2008. 2133
c1ng TZSJ/Jaen (14/Mar)(DW)

08151.0 TXXX: Guardia Civil Madrid 2206 USB ALE/MIL-188-141A c1g
TZSG Guardia Civil Granada (11/Feb/2004) (KK)

08151.0 TZSG: GUARDIA CIVIL GRANADA 2247 MIL.STD 188-141A ALE on
usb. C1ng TXXX/GC HQ (14/Mar)(DW)

08151.0 TZSH: Guardia Civil Huelva 0610 USB ALE/MIL-188-141A c1g
TXXX Guardia Civil Madrid (12/Feb/2004) (KK)

08151.0 TZSJ: GUARDIA CIVIL JAEN 2108 MIL.STD 188-141A ALE on
usb. C1ng TXXX/GC HQ, also 2115z (14/Mar)(DW)

08152.0 QF10: Algerian MOI 1800 USB/ALE wkng QF20
(23-feb-04)(MSM)

08152.0 QF20: (Algerian MOI): 0702 USB/ALE TO QF2 (Algerian
MOI)--[AMD]MD28@. 19/02 RP3

08152.0 QF20: (Algerian MOI): 0704 USB/ALE TO QF28 (Algerian
MOI). 19/02 RP3

08152.0 QF20: (Algerian MOI): 0711 USB/ALE TO QF23 (Algerian
MOI). 19/02 RP3

08190.7 9MR: Malay Navrad 1615 RTTY/50/850 5LG. (04/Mar/04) (RH2)

08191.7 9MR: Malay Navrad 1749 RTTY/50/850 5LG to unk.
(20/Feb/04) (RH2)

08192.5 9MR: Malay Navrad 1650 RTTY/50/850 5LG to Kd Beladau, and
then to Kd Paus (12/Mar/04) (RH2)

08192.5 9MR: Malay Navrad 2025 RTTY/50/850 "Fm SKTLDM LUMUT TO KD
KASTURI" - repeated call-ups. (04/Mar/04) (RH2)

08208.0 O/M (RR): 2343 USB w/unheard station. In chat several
refs to commercial vessel (parakhod). 23/02 RP3

08225 EAGLE1: US Army/NGB 0411 ALE/USB Calls EAGLE2.
(17Mar04) (JJ)

08225.0 Eagle1: 0411 MIL-STD 188-141A ALE SOUND/USB UNID STN
TO.EAGLE2 This was EAGLE1(17/Mar)(JJ)

08260 LL53: wkg ANDREWS 0137 USB Brief phone patch. Moved here
from 8992. (12 Mar 04) (JH)

08264.0 unid: ship 0713 USB russian d/x work UHY? Feb08 04 ML

08280.0 O/M: (SS): 0131 LSB w/O/M (SS) exchanging series of
numbers--probably a message. Possibly Venezuelan Navy.
18/02 RP3

08281.3 Unid: (SS): 0455 USB w/O/M (SS). Contact initiated by
whistling. 26/02 RP3

08297.0 O/M:11175.0 1419Z Reach 5002 [type?] call Offutt PP
Travis AFB, CA - got wx for Travisat 1530Z

08298 VTP IN Vishakhapatnam 1744 RTTY/50/850 4LG to warships.
(20/Feb/04) (RH2)

08298.5 RT3: (unidentified): 2226 USB/ALE TO WHP (unidentified).
NOTE: New freq for this net. RT3 and HMV also noted on
this freq. 18/02 RP3

08299.7 6ww: FN Dakar 0537 RTTY/75/850 Test tape.
(21/Feb/04) (RH2)

08303 LOR: AN Puerto Belgrano 0104 RTTY/75/170 5LG after
GENOIO. (23/Feb/04) (RH2)

08303 LOR: AN Puerto Belgtano 2310 RTTY/75/170 RY/ID/SG
//6491.5 (04/Mar/04) (RH2)

08310.0 O/M (Greek): 2337 USB w/O/M (Greek). Mention of Venezuela
& Barranquilla, Colombia in chat. 26/02 RP3Ujung: 1451
Ujung ATC with unknown aircraft USB 26/02 (PP1)

08310.0 Unid: (Greek): 2337 USB w/O/M (Greek). Mention of
Venezuela & Barranquilla, Colombia in chat. 26/02 RP3

08319.5 LOR: AN Puerto Belgrano 2040 RTTY/75/170 Coastal wx/EE.
(20/Feb/04) (RH2)

08334 1111: N.African Net 2108 ALE/USB Sounding.
(20Feb04) (RGA)

08338.4 O/M: (SS/Caribbean EE): 0016 USB w/O/M (SS/Caribbean EE).
19/02 RP3

08390.0 RETJ: SN MADRID 1013 ITA2/100 encrypted FEB08 04 ML

08413.0 ---: GEORGIAN B/GUARD ?LOC 0531 MIL.STD 181-141A ALE on
usb. C1ng 375 (20/Feb)(DW)

08413.0 ---: GEORGIAN B/GUARD ?LOC 1840 MIL.STD 188-141A ALE on
usb. C1ng 380 (19/Feb)(DW)

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08413.0 ---: GEORGIAN B/GUARD ?LOC 1944 MIL.STD 188-141A ALE on
usb. C1ng 305 (19/Feb)(DW)

08413.0 310: GEORGIAN B/GUARD ?LOC 1904 MIL.STD 188-141A ALE on
usb. C1ng 555. (19/Feb)(DW)

08413.0 360: GEORGIAN B/GUARD ?LOC 0414 MIL.STD 188-141A ALE on
usb. C1ng 555. Also 0423z (20/Feb)(DW)

08413.0 360: GEORGIAN B/GUARD ?LOC 1818 MIL.STD 188-141A ALE on
usb. C1ng 555. Also 1904. (19/Feb)(DW)

08413.0 375: GEORGIAN B/GUARD ?LOC 0503 MIL.STD 188-141A ALE on
usb. Sounding (19/Feb)(DW)

08413.0 550: GEORGIAN B/GUARD ?LOC 0011 MIL.STD 181-141A ALE on
usb. C1ng 555 (20/Feb)(DW)

08413.0 550: GEORGIAN B/GUARD ?LOC 2011 MIL.STD 188-141A ALE on
USB. C1ng 555. (19/Feb)(DW)

08413.0 555: GEORGIAN B/GUARD ?LOC 0010 MIL.STD 181-141A ALE on
usb. C1ng 01@ (20/Feb)(DW)

08414.4 SYBX: / greek tanker / nissos christiana 1559 DSC to
Feb21 04 ML

08414.5 277097000:: unid lithuanian ship1555 DSC to lyngby &
answering Feb23 04 ML

08414.5 3FSN3: Panamanian vs1 Sunrise 1 2219 GMDSS sends
undesigned distress message from 4654N 02303W.
(20Feb04) (APB)

08414.5 3FSN3: SHIP SUNRISE I 2219 DSC 100/E/170 Distress call
(fm 352531000). Posn 46.54N 23.03W. Nature: undesigned
(21/Feb)(DW)

08414.5 413058000: unid ship 1553 DSC to croatian harbour
Feb23 04 ML

08414.5 9KCS: koweitian oil tanker / album 1643 DSC to madrid
Feb21 04 ML

08414.5 : RCC Honolulu/Almeda HWI 1303 GMDSS Acks apparent
undesigned distress msg allegedly from Hebei
Princess/VRZC4. (21Feb04) (APB)

08414.5 : Unid Cypriot MRCC 0229 GMDSS Relays alleged distress
message from assumed vessel Transeuropa/DMKC, allegedly
in undesigned distress at 5507N 01402E. (18Mar04) (APB)

08414.5 : Unid Iranian MRCC 0153 GMDSS Relays apparent
undesigned distress message from unknown Bahamas vessel
reputedly at 2626N 04642E. (03Mar04) (APB)

08414.5 : Unid MRCC 0725 GMDSS Relays spoof distress message from
entity using MMSI 987654321 giving location 4310N 13510E.
(11Mar04) (APB)

08414.5 : Unid MRCC 0825 GMDSS Relays apparent distress message
purporting to come from CMA CGM Pasteur/ELWT7 advising
fire and explosion at posn 0334S 03247W. (13Mar04) (APB)

08414.5 : Unid MRCC 1553 GMDSS Relays apparent distress message
allegedly from Russian Ship Tcheremkhovo/UBOE apparently
grounding at 5303N 15835E. Checksum Error.
(15Mar04) (APB)

08414.5 : Unid Maltese MRCC 2235 GMDSS Acks apparent undesigned
distress message from vessel SamJohn Captain/SWVQ
allegedly at 4026N 01812E. (02Mar04) (APB)

08414.5 : Unid Panamanian MRCC 0355 GMDSS Relays alleged distress
message from an unknown vessel supposedly at 2353S 15135E
alleging undesigned distress. (17Mar04) (APB)

08414.5 : Unid Turkish MRCC 0355 GMDSS Relays alleged distress
message from an unknown vessel supposedly at 1958N 07109E
alleging undesigned distress. (17Mar04) (APB)

08414.5 ELWE7: MOSCOW RIVER liberian ship DSC 1615 to lyngby
Feb23 04 ML

08414.5 ENSA SARARTA: ukranian ship DSC 1605 to lyngby
Feb23 04 ML

08414.5 GMDSS-DSC: log, using Skysweeper Standard, add 5 hrs for
UTC.Interspersed w/ a few SELCALLS.14/feb/04 _(EP)

08414.5 J8W2: ship saint vincent /fanara 1627 DSC to lyngby
Feb21 04 ML

08414.5 LYNGBY 1558 DSC to century star HOWX bulk carrier reg
panama Feb23 04 ML

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- 08414.5 NMF: MRCC Boston MA USA 0826 GMDSS Acks alleged undesignated distress msg from unid ship purporting to be 0225N 08618W. (23Feb04) (APB)
- 08414.5 NMG: MRCC New Orleans/Norfolk VA USA 2034 GMDSS Relays apparent distress message from Singapore vessel Atlantic Zeus/9VAS7 allegedly in undesignated distress at 3307N 07405W. (19Feb04) (APB)
- 08414.5 S6OW: SHIP K SILVER 2155 DSC 100/E/170 Distress call (fm 564245000) Posn 41.10N 7.17E. Nature: Fire, explosion (21/Feb)(DW)
- 08414.5 S6OW: Singaporean vsl K Silver 2155 GMDSS Sends distress call. Fire and explosion at 0410N 00717E. Checksum error. (20Feb04) (APB)
- 08414.5 UCRK: MRTK-752 russian ship DSC 1617 to P3FU7 ANL HAMBURG cypr ship Feb23 04 ML
- 08414.5 ZCMD: Cayman Is vsl Napoli 0038 GMDSS Emits undesignated distress message from 3801N 02313W. (27Feb04) (APB)
- 08414.5 ZCMD: SHIP NAPOLI 0038 DSC 100/E/170 Distress call (fm 319145000). Posn 38.01N 23.13W. Nature undesignated. 4 bursts (3 err free, 1 corrupt). (27/Feb)(DW)
- 08414.5 unid: italian ship 247446000 1608 DSC to 261021 polish harbour ?Feb21 04 ML
- 08414.5 unid: ship/ greenland 321895000 1615 DSC to cambodian ship / xusun9 chalsi Feb21 04 ML
- 08415.5 : Unid Panamanian MRCC 1018 GMDSS Relays alleged and unspecified distress message from apparent Panamanian-registered vessel Ocean C/HOEC supposedly located 3444N 12748E. (06Mar04) (APB)
- 08416.5 NRV?: USCG Honolulu? 0215 FEC "Fm Nima Navsafety Bethesda MD" - International Navwarnings. This used to be NRV/NMC etc and recently relayed from Yokosuka and, probably, Diego Garcia. Anywun explain new Bethesda title and exact origins these very powerful 24 hr transmissions? (03/Mar/04) (RH2)
- 08419.5 NOJ: : USCG Kodiak ALS 17:51 Sitor-A/100/170 + A1A ARQ burst and CW id, good signal via greyline propagation 15/feb/04 (PPA)
- 08419.5 PPR: Rio R 0540 CW/ARQ Marker. (21/Feb/04) (RH2)
- 08420.5 HEC (Berne Radio): 2227 CW/FEC markers. 26/02 RP3
- 08420.5 HEC: (Berne Radio): 0537 CW/FEC markers. 26/02 RP3
- 08420.5 HEC: (Berne Radio): 2227 CW/FEC markers. 26/02 RP3
- 08422.0 SVO: Monday, February 16, 2004 21:43 8.422 USB 100/170SITOR B, Athens Greece, SV0, with news & exchange rates, in Greek.(EP)
- 08424 SVO: OlympiaRadio Athens 2020 CW Marker for ARQ/FEC. (25Feb04) (RGA)
- 08425.5 XSG: Shanghai, China 1333z Jan 18, 2004 ARQTOR brief traffic and back to CW ID [SN]
- 08428 NMN: USCG Portsmouth 0533 CW/ARQ Marker. (21/Feb/04) (RH2)
- 08429.5 NMO: USCG Honolulu 0530 CW/ARQ Marker. (21/Feb/04) (RH2)
- 08430.0 Italian Navy: (Rome): 2326 RTTY 75bd/850hz w/IDR3 /IGJ41 /IGJ43 /IDR2PO/IDR8 /IGJ42--QSL 3734. 17/02 RP3
- 08431.0 TAH: ISTANBUL 0806 FEC eng & turk mediterr sea weather Feb15 04 ML
- 08434.0 OST: (Ostende Radio): 0029 CW/FEC markers. 24/02 RP3
- 08434.0 TAH: (Istanbul Radio): 0030 CW/FEC markers. 24/02 RP3
- 08434.0 TAH: (Istanbul Radio): 2022 CW/FEC markers. 18/02 RP3
- 08439.4 PBC: (Dutch Navy, Goeree): 2330 RTTY 75bd/850hz w/carbs. 17/02 RP3
- 08455 RFFMEA: NAVITER FRANCE SUD 2018 RTTY/75/850 FAA de RFFMEA TO BATIMENTS (warships) Test. (25Feb04) (RGA)
- 08455.0 FUG: La Regine Naval, France 07:50 RTTY 75 bds Test tape - Frequency change witch was before 8453,0 khz 29/02 (SP1)
- 08455.0 RFFMEA (NAVITER FRANCE SUD): 2218 RTTY 75bd/850hz w/DE RFFMEA,ZNR ,FM NAVITER FRANCE SUD,TO BATIMENTS BT NON PROTEGE. 26/02 RP3

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- 08455.0 RFFMEA: (NAVITER FRANCE SUD): 2218 RTTY 75bd/850hz w/DE RFFMEA,ZNR ,FM NAVITER FRANCE SUD,TO BATIMENTS BT NON PROTEGE. 26/02 RP3
- 08484.0 HLG: : Seoul radio KOR 16:32 A1A CQ DE HLG QSX 8 MHZ 15/feb/04 (PPA)
- 08495 C: MX Beacon 1853 CW Moscow. (25Feb04) (RGA)
- 08495.7 M: Magadan, Russia 1359z Feb 13, 2004 CW "M" marker [SN]
- 08500 VTH1/5/7 IN Bombay 1739 RTTY/50/850 wx/EE Navarea V111 west to Navarea V11. (20/Feb/04) (RH2)
- 08500.0 RIONEGRO1: (Venezuelan National Guard Protector-class patrol craft): 0345 USB/ALE TO COFFRI2 (Commando Fluvial Fronterizo " General de Brigada Franz Riquez Iribarren"). 19/02 RP3
- 08502.0 NMG: (CG New Orleans): 2333 USB w/wx forecasts for Gulf of Mexico areas. 17/02 RP3
- 08505 NMG: USCG New Orleans 0248 FAX/120/576 wx for Mexican Gulf. (03/Mar/04) (RH2)
- 08511.9 DAO8B: KielRadio GER 1852 PACTOR-3 Idler w/Morse ID. (25Feb04) (RGA)
- 08552.0 CTP: (Portuguese Navy): 2335 RTTY 75bd/850hz w/NAWS. 17/02 RP3
- 08561 : Russian Military 1849 MS-5/4800/DPSK/LSB. Cipher. (25Feb04) (RGA)
- 08582.0 PWZ-33: BN Rio 0257 PACTOR WX report in PP (18/02/04) (AJP)
- 08582.4 PWZ-33: (Brazil Navy, Rio de Janeiro): 0615 RTTY 75bd/850hz w/multi-part (6) WMO-formatted wx msg. Then Portuguese/EE plaintext wx. 26/02 RP3
- 08585 REA4: AF HQ Moscow 1941 MORSE/--/1000 06190 sked. // 5157 4379. (06Mar04) (RGA)
- 08586.0 USO: IZMAIL 0739 BAUDOT 50 clear & "blind for"(any idea?) telegramsFeb23 04 ML
- 08625.9 GYU: GIBRALTAR 1019 ITA2/75 "ship shore in abeyance" FEB08 04 ML
- 08632.6 : Unid 0035 STANAG-4285/USB Interleave not known. Fast fade. (23Feb04) (AD)
- 08652 : Russian Military 1847 MS-5/4800/DPSK/USB In and out of Cipher. (25Feb04) (RGA)
- 08657 UTQ7:Kiev radio Ukraine Maritime 1756 01 Mar 04 CW callband (EB)
- 08657.5 : unid FAX stn 1005 FAX 90/576 surface prog chart ex JMH Tokyo Met w/additional top & bottom panels in Japanese (15Mar04) (ML2)
- 08662.0 TAH: (Istanbul Radio): 2015 CW w/CQ DE TAH TAH QSX 4 8 MHZ. 18/02 RP3
- 08682.2 NMC: USCG San Francisco 0242 FAX/120/576 Fair chart. (03/Mar/04) (RH2)
- 08682.2 NMC: USCG San Francisco 1535 1535 FAX/120/576 Clear chart //12730.3 (08/Mar/04) (RH2)
- 08695.2 : Unid 0040 STANAG-4285/USB 300 data rate long interleave. (23Feb04) (AD)
- 08703.5 unid: : Japanese navy JAP 15:59 USB/Japanese PSK also known as "slotmachine" 15/feb/04 (PPA)
- 08722.0 7TF37: BOUFARIK 0803 USB french wx for algerian boundaries Feb27 04ML
- 08728.0 3AC8: MONACO 0719 USB fren om weather Feb24 04 ML
- 08728.0 3AC8: MONACO 1000 USB eng weather on african boundaries Feb26 04 ML
- 08728.0 3AC8: MONACO 1455 USB arabic Feb25 04 ML
- 08734 : Unid Enigma Stn TIME??? USB YL SS? & EE She kept repeating #'s in possibly SS but she ended with "2210 2217 2231" in EE then began again. weak signal. (23Feb04) (AD)
- 08742 MUSKET: Unid Carribean Military 0603 USB wkg DAGGER for 30 mins. In English with strong French accents. (17Mar04) (CC)
- 08743.0 HSW: : Bangkok meteo THA 16:39 J3E/USB Thai weather report , Musicalchime , 16:45 English weather report

15/feb/04 (PPA)
08764.0 NMF: PORTSMOUTH USCG 1137 USB y1 broadcasting schedule Feb22 04 ML
08764.0 NMN: USCG CHESAPEAKE (ok larry?) 0945 USB live transmission & not paul weather forecast Feb26 04 ML
08764.0 NMN: USCG PORTSMOUTH 0610 USB weather Feb23 04 ML
08770.0 USO: ISMAIL R 1021 USB russian d/x FEB08 04 ML
08788.0 WLO: 1316 USB w/automated voice wx for Gulf of Mexico & northern Caribbean. 26/02 RP3
08806.0 WLO: 2207 USB w/automated voice wx for Gulf of Mexico. 26/02 RP3
08816 RJF94: Russian Naval Air Net Moscow Stn 1614 CW wkg unid "RJF94 RPT QTO 1553 K. R K. (18Mar04) (RGA)
08819.0 Tachkent Volmet: 2121 Weather in Russian for Samarkand, Namangan, Dushambe, Bukhara USB 21/02 (PP1)
08822.0 O/M: (SS): 2115 USB w/O/M (SS). 17/02 RP3
08825.0 F21: (Frigate "Mariscal Sucre", F-21, Venezuelan Navy): 0001 LSB/ALE TO DCCOP (Direccion de Coordinacion Y Control Operacional). 18/02 RP3
08825.0 PC-13: (Constitucion-class missile patrol craft, "Independencia" PC-13, Venezuelan Navy): 2343 LSB/ALE w/DCCOP (Direccion de Coordinacion Y Control Operacional, Venezuelan Navy). 17/02 RP3
08846.0 AFR439: 0811 Air France 439 MEX-CDG calling NY , no joy USB 28/02 (PP1)
08850.0 O/M (IT): 2206 USB w/Y/L (IT). 26/02 RP3
08850.0 Unid: (IT): 2206 USB w/Y/L (IT). 26/02 RP3
08855.0 AA 906: 0553 USB calling Maquetia (MWARA SAM-1) w/no response. 19/02 RP3
08855.0 Piarco: at 22.00 utc ww Air France 4311. selcall BMJR and a position report. 27/feb (PPA)
08860.0 unid: pirate?fishermen net 1118 USB spanish about football Feb22 04ML
08861.0 ATC AF-1/: CANARIAS 1000 USB span/eng flights pos Feb28 04 ML
08861.0 Dakar: (MWARA SAT-1/AFI-1): 0445 USB w/Lufthansa 502 w/position report. 26/02 RP3
08862.0 TAH (Istanbul Radio): 2209 CW DE TAH TAH QSX 8 MHZ CH 34 ECQ DE TAH TAH QSX 4 MHZ IRH X4. 26/02 RP3
08877.0 O/M (IT): 2129 LSB w/O/M (IT). 23/02 RP3
08888.0 YEKATERINBURG: VM 1638 USB y1 russian weather Feb22 04 ML
08912 712: USCG HC-130H No 1712 CGAS Clearwater 0119 ALE/USB Followed by CAMSPAC asking 712 for a flight ops check. (28Feb04) (DC)
08912 CS3: COTHEN Remote Oklahoma City 0122 ALE/USB COTHEN stations monitored: 712, A18, CS1, CS2, CS3, CS4, CS6, CS7, CS9, D31, D49, F29, I34, I75, I76, I86, J11, J23, J24, J28, J35, JOE, LAB, M49, MV5, OPB, PR1, TST, UCG. (28Feb04) (DC)
08912 J11: Poss USCG HH-60J Helicopter No 6101 of ATC Mobile 0121 ALE/USB CAMSPAC called J11 requesting posn report. (28Feb04) (DC)
08912 J15: Prob USCG HH-60J Helicopter No 6105 (or 6115) of CGAS Clearwater TIME??? ALE/USB wkg unid, followed by 15c/Unid. (04Mar04) (DC)
08912 J23: Poss USCG HH-60J Helicopter No 6023 of ATC Mobile 0120 ALE/USB Followed by J23 clg CAMSPAC with posn report. (28Feb04) (DC)
08912 J28: Poss USCG HH-60J Helicopter No 6028 of ATC Mobile 0115 ALE/USB Later followed by 28C with position report. (28Feb04) (DC)
08912 PR1: US Customs S.Juan PR 2104 ALE/USB Sounding. (03Mar04) (RGA)
08912 PR1: US Customs S.Juan PR 2109 ALE/USB Sounding. (20Feb04) (RGA)
08927 ARINC01: San Francisco CA USA 0314 HFDL Good squitters. (18Mar04) (GB)
08927 N528AT: wells Fargo Bank B757-23N 0324 HFDL Acks msg from

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ARINC S.Francisco about approach plates and crew details.
(18Mar04) (GB)

08927 N593HA: Ansett B767-33A Flt HA0024 0313 HFDL Acks ATIS
advisory for Seattle/Tacoma Intl. (18Mar04) (GB)

08930.0 RS0016: 0819 probable NATO command calling CS004A
USB/ALE 16/02(PP1)

08942 A7-ACC: Qatar Airways A330 Flt QR0005 1414 HFDL At 4747N
01632E. (14Mar04) (RGA)

08942 D-ALCN: Lufthansa Cargo MD11F 1354 HFDL At 5634N 00402W.
(14Mar04) (RGA)

08942 G-VATL: Virgin Atlantic A340 'Miss Kitty' Flt VS0900 1431
HFDL At 5435N 01034E. EGLL-RJAA. (13Mar04) (RGA)

08942 G-VFOX: Virgin Atlantic A340 'Silver Lady' 1353 Reports
5555N 03853E to ARINC Shannon. (14Mar04) (RGA)

08942 G-VMEG: Virgin Atlantic A340 'Mystic Maiden' Flt VS0021
1414 HFDL Signs on. (14Mar04) (RGA)

08942 LH8394: Lufthansa Cargo MD11F 2016 HFDL Signs on to
Shannon. (24Mar04) (RGA)

08942 N334UP: UPS B767 1352 HFDL Signs on. (14Mar04) (RGA)

08942 N41135: Continental B757 1425 HFDL Signs on.
(14Mar04) (RGA)

08942 N67158: Continental B767 Flt CO0041 1350 HFDL Signs on to
ARINC Shannon. (14Mar04) (RGA)

08942 N67158: Continental B767-224 Flt CO0017 1430 HFDL At
5845N 03323W. (13Mar04) (RGA)

08942 N68160: Continental B767-224 Flt CO0029 1348 HFDL Signs
on. ICAO ID prob 278B95. (13Mar04) (RGA)

08942 N73152: Continental B767 Flt CO0045 1350 HFDL Signs on.
(14Mar04) (RGA)

08942 N76156: Continental B767-224 Flt CO0045 1419 HFDL Signs
on. ICAO ID A61255. (13Mar04) (RGA)

08942 OH-LBV: Finnair B757 Flt AY2556 1351 HFDL Signs on.
(14Mar04) (RGA)

08942 TZ0418: American Transair Flt 2225 HFDL Reports 4113N
07809W to ARINC Shannon. (25Feb04) (RGA)

08942 VP-BDN: Aeroflot A319 Flt SU0107 1354 HFDL Signs on.
(14Mar04) (RGA)

08942 VP-BWF: Aeroflot A320 1351 HFDL Signs on to ARINC
Shannon. (13Mar04) (RGA)

08942.0 AY1962: Finnair B757 OH-LBU 2116 USB/HFDL rep pos to
Shannon LAT46.51.2N LON58.47.22E (23-feb-04)(MSM)

08942.0 LVG276: Livingston Energy Flight A321-231 2120 USB/HFDL
rep pos to Shannon LAT28.8.57N LON32.1.22E
(23-feb-04)(MSM)

08942.0 SHANNON AIR: 0935 HFDL / CO0021 ROMA>NEWARK /CO0045
MILANO>NEWARK/UP6703 ? /RAM777 PARIS>CASABLANCA
FEB08 04 ML

08942.0 TZRCH4: N553TZ American Transair B757-33N 2112 USB/HFDL
rep pos to Shannon LAT29.14.15N LON47.58.53E
(23-feb-04)(MSM)

08965.0 DHM91: ? MUNSTER 1251 USB om eng "echo..." Feb23 04 ML

08967.0 O/M: (SS): 0240 USB w/O/M (SS). 19/02 RP3

08968 ADWSPR: USAF SIPRNet Stn Andrews AFB MD 2018 ALE/USB
Sounds. (20Feb04) (RGA)

08971.0 FIDDLE: (TSCC-Jacksonville NAS) 2240z USB wkg QUARTET 714
(USN P-3), in the clear, then green comms.
(18/Feb/2004) (ALS)

08971.0 Fiddle (TSCC, NAS Jacksonville): 2104 USB calling 711
(P-3C NAS Jacksonville) w/no response. 24/02 RP3

08971.0 Fiddle: (TSCC NAS Jacksonville): 1250 USB w/Cardfile 711
26/02 RP3

08971.0 GOLDENHAWK: (TSCC-Brunswick NAS) 2130z USB calling E-1-
Q, no joy. (18/Feb/2004) (ALS)

08971.0 Golden Hawk: (TSCC NAS Brunswick ME): 1248 USB w/Fighting
Tiger 23 (P-3C VP-8 NAS Brunswick) w/clear and ANDVT
radio checks. 26/02 RP3

08971.0 Quartet 713: (P-3C NAS Jacksonville): 1938 USB calling
Fiddle (TSCC NAS Jacksonville) w/no response. 26/02 RP3

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08971.0 WOLF 02: 2242z USB calling FREEFALL, no joy.
(18/Feb/2004) (ALS)

08975.2 O/M (SS): 0023 USB w/unheard station. 25/02 RP3

08977 D-ALCB: Lufthansa Cargo MD11F Flt LH8382 2137 HFDL At
8503N 06617W. (25Feb04) (RGA)

08977 D-ALCC: Lufthansa Cargo MD11F Flt LH8283 1954 HFDL Signs
on to ARINC Reykjavik. (10Mar04) (RGA)

08977 D-ALCN: Lufthansa Cargo MD11F 2009 HFDL Signs on.
(10Mar04) (RGA)

08977 I-LIVB: Livingstone A321 Flt LDI910 2203 HFDL At 4149N
01215E. Flt No is variously LDI910 and L49107. Invariably
this airline gets its flight numbers and identifiers
wrong. Every time! (25Feb04) (RGA)

08977 LX-RCV: CargoLux B747 'City of Shengen' 2117 HFDL At
3328N 03634E. (18Mar04) (RGA)

08977 N301UP: UPS B767 Flt UP6741 1924 HFDL Signs on to ARINC
Reykjavik. (24Mar04) (RGA)

08977 N662US: Northwest B747 2110 HFDL Signs on.
(18Mar04) (RGA)

08977 N662US: Northwest B747 2132 HFDL Signs on to ARINC
Reykjavik. ICAO ID 5EBD15. (25Feb04) (RGA)

08977 N669US: Northwest B747 2208 HFDL Signs on to Reykjavik.
(25Feb04) (RGA)

08977 N671US: Northwest B747 2111 HFDL Signs on.
(18Mar04) (RGA)

08977 N68159: Continental B767-224 Flt CO1946 at 3642N 07112W.
(25Feb04) (RGA)

08977 OH-LBO: Finnair B757 2012 HFDL Signs on to ARINC
Reykjavik. (10Mar04) (RGA)

08977 OH-LBU: Finnair B757 2053 HFDL Signs on to ARINC
Reykjavik. (18Mar04) (RGA)

08977 RAM751: Royal Air Maroc Flt 1956 HFDL At 3420N 00619W.
(10Mar04) (RGA)

08977 RAM776: Royal Air Maroc Flt 1927 HFDL At 3812N 00355W.
(24Mar04) (RGA)

08977 SA0273: s.African Airways Flt 1955 HFDL At 4143N 00515E.
(10Mar04) (RGA)

08977 UP6703: UPS Flt 2000 HFDL At 5120N 00527W.
(10Mar04) (RGA)

08977 UP6741: UPS Flt 1954 HFDL At 5120N 00553W.
(10Mar04) (RGA)

08980.0 Abiotico: AN 0042 USB SS Calling "Angel" Not contact
(09/02/04) (AJP)

08992 ART SHOW: 58-char EAM 1934 USB 54BJXA preceding
MCCLELLAN's 1938z HFGCS bcas of same, with no simulcast
found. Suspected NAOC. (24 Feb 04) (JH)

08992 CLERICAL: Clg MAINSAIL 0813 USB Raising ANDREWS for a
phone patch to a DSN 342 number ID'd as FOOTHILL. Patch
was unsuccessful so ANDREWS moved hime to 6712.
(12 Mar 04) (JH)

08992 HARSHIP(?): 28-char EAM 0809 USB 44BAXD simulcast 11244
and 6697 with nothing heard on 13155. (08 Mar 04) (JH)

08992 JUNCTURE: 28-char EAM 1723 USB 44R4JQ simulcast on at
least 11244 with nothing heard on 6697 or 13155.
(11 Mar 04) (JH)

08992 MERCATOR: Clg MAINSAIL 1657 USB Raised OFFUTT for a phone
patch to a commercial toll free 866 number. At 1659z
OFFUTT tells him to raise ANDREWS on 11175 as 8992 is
going to be used for higher precedence traffic (OFFUTT's
h+00 EAM rebroadcast.) (03 Mar 04) (JH)

08992 MUD GUARD: wkg PUERTO RICO 0155 USB Phone patch to a
common 939 number for a brief connectivity check and
gone. (16 Mar 04) (JH)

08992 OFFUTT: 28-char EAM 0035 USB 44HL5M. (11 Mar 04) (JH)

08992 QUICK BOY: 28-char EAM 1816 USB 44M7U6 preceding the
HFGCS's 1823z bcast of same with nothing heard on 11224,
6697 or 13155. (14 Mar 04) (JH)

08992 QUICK BOY: EAM Bcast 1816 USB 44M7U6 with nothing heard

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on 6697, 13155 or 11244. H+25/h+55 activity.
(14 Mar 04) (JH)
08992 RATED MAN(?): 28-char EAM 0338 USB 443T2Z simulcast 11244
with nothing heard on 6697 or 13155. (10 Mar 03) (JH)
08992 RAZZ 06: Clg MAINSAIL 2309 USB for a signal check and
gone. (09 Mar 03) (JH)
08992 ROAD CREW: 28-char EAM 1815 USB 44WH40. Nothing heard on
11244, 13155 or 6697. (07 Mar 04) (JH)
08992 ROAD CREW: EAM Bcast 1825?? USB 44WH40 with nothing heard
on 11244, 13255 or 6697. Xmsn dropped during the preamble
of the second reading and quiet. H+25/h+55 activity.
(07 Mar 04) (JH)
08992 TERRITORY: Clg MAINSAIL 1752 USB Eventually raises
MCCLELLAN for a phone patch to a common toll free 800
number for some apparent orderwire coordination and gone.
(09 Mar 03) (JH)
08992 Unid: 888800 EAM 2346 USB 888800
232346GGKK??MRNNXXZ?AABBCC8888 (maybe; 232346 is a
datetime stamp). Simulcast on at least 11244 with nothing
heard on 6697 or 13155. He used the character count
statement to end his xmsn. (23 Feb 04) (JH)
08992.0 RAF ARCHITECT: 1135 USB work unid flight about saragossa
Feb22 04 ML
08992.0 USAF 2035: USB y1 "mainsail..." Feb23 04 ML
08992.0 USAF: /AFB? 0619 USB y1 d/x Feb23 04 ML
08995 AAA: Israeli AF NCS 2032 ALE/USB Sounding.
(28Feb04) (RGA)
09000.0 unid : 0839 unid 75/850 beginning with reversals, not
baudot 24-Feb-04 (wp3) =20
09025 150002: USAF C-5 85-0002 0055 ALE/USB LINKED call.
(27Feb04) (GB)
09025 150005: USAF C-5 85-0005 1818 ALE/USB Sounding.
(21Feb04) (GB)
09025 160014: USAF C-5 86-0014 ALE/USB Sounding.
(20Feb04) (RGA)
09025 220103: USAF C-17 01-0103 1959 ALE/USB Calls PLA/Lajes
who responds. (20Feb04) (RGA)
09025 260006: USAF C-17 96-0006 2011 ALE/USB wkg 221111/C-17
02-1111. (22Feb04) (GB)
09025 370166: Prob USAF C-141 1536 ALE/USB wkg GUA/Anderson AFB
Guam. (22Feb04) (GB)
09025 591447: Prob USAF KC-135 1758 ALE/USB Calls GBLNPR/Unid.
(21Feb04) (GB)
09025 ADW: USAF Andrews AFB MD 0227 ALE/USB Calls E31604/E7-B
76-1604 who responds. (27Feb04) (GB)
09025 ADW: USAF Andrews AFB MD 1438 ALE/USB wkg TF131/Unid who
responds. (22Feb04) (GB)
09025 CICLON: Mexican Military 2001 ALE/USB Calls ZORRO.
(21Feb04) (GB)
09025 COYOTE: Mexican Military 1845 ALE/USB Calls CICLON.
(21Feb04) (GB)
09025 CRO: USAF Croughton GBR 0109 ALE/USB wkg P8N/Unid.
(25Feb04) (GB)
09025 CX3: Mexican Military 1806 ALE/USB Calls CICLON.
(21Feb04) (GB)
09025 E30001: USAF E-3 1637 ALE/USB wkg OFF/Offutt AFB NE with
auto phone-patch to DSN 842011. (22Feb04) (GB)
09025 GUA: USAF Anderson AFB Guam 2307 ALE/USB wkg JDG/Diego
Garcia BIOT. (26Feb04) (RGA)
09025 H41: Mexican Military 1931 ALE/USB Calls T41.
(21Feb04) (GB)
09025 HAW: USAF Ascension 0001 ALE/USB wkg PLA/Lajes.
(25Feb04) (GB)
09025 HURACAN: Mexican Military 0117 ALE/USB Calls CENTELLA.
(25Feb04) (GB)
09025 HURACAN: Mexican Military 0234 ALE/USB Calls TORRE.
(27Feb04) (GB)
09025 HURACAN: Mexican Military 1814 ALE/USB Calls MERCURIO35.

(21Feb04) (GB)
09025 HURACAN: Mexican Military 1816 ALE/USB Calls TORNADO.
(21Feb04) (GB)
09025 ICZ: US NAS Sigonella ITA 2024 ALE/USB Sounding.
(28Feb04) (RGA)
09025 J41: Unid USAF 1607 ALE/USB Sounding. (29Feb04) (GB)
09025 JNR: NAS Salinas PR 0032 ALE/USB wkg BRK/Unid.
(25Feb04) (GB)
09025 MERCURIO15: Mexican Military 1721 ALE/SUB Calls HURACAN
who responds. (21Feb04) (GB)
09025 MERCURIO35: Mexican Military 0120 ALE/USB Calls HURACAN.
(25Feb04) (GB)
09025 MPA: USAF Mount Pleasant FLK 0124 ALE/USB Sounds.
(25Feb04) (GB)
09025 OFF: Offut AFB NE USA 1728 ALE/USB Calls F40/USCG HU-25
#2140 from CGAS Cape Cod, who is then called by
ADW/Andrews AFB. (21Feb04) (GB)
09025 PLA: USAF Lajes Field AZR 0037 ALE/USB Calls unid with
[AMD] "HOW COPY DATA//". (27Feb04) (GB)
09025 R24544: US Army Helicopter 1931 ALE/USB wkg MCC/McClellan
AFB CA. (22Feb04) (GB)
09025 TOR: Mexican Military 1818 ALE/USB Calls HURACAN.
(21Feb04) (GB)
09025 TORNAD: Mexican Military 1634 ALE/USB Calls CX3.
(22Feb04) (GB)
09025 TORNADO2003: Mexican Army 1542 ALE/USC Calls TORNADO who
responds. (29Feb04) (GB)
09025 TORNADO: Mexican Military 1934 ALE/USB Calls HURACAN the
T41. (21Feb04) (GB)
09025 TORRE: Mexican Military 0131 ALE/USB Calls CENTELLA.
(25Feb04) (GB)
09025 TORRE: Mexican Military 2008 ALE/USB Calls CICLON.
(21Feb04) (GB)
09025 UVO: Mexican Military 0041 ALE/USB Calls TORNADO who
responds. (27Feb04) (GB)
09025.0 270046: 2213 USAF C-17 97-0046 calling ADW Andrews
ALE/USB14/02 (PP1)
09025.0 470121: 2311 USAF KC10 87-0121 calling JDG Diego
Garcia who responded ALE/USB 14/02 (PP1)
09025.0 CICLON: (Mexican Army): 1324 USB/ALE TO HURACAN (Mexican
Army). 15/02 RP3
09025.0 CRO: USAF Croughton UK 1743 USB/ALE wkg C141 Starlifter
tail.no 65-9412 with PP to Hilda East (23-feb-04)(MSM)
09025.0 GUA: 1808 USAF Guam ALE/USB 14/02 (PP1)
09025.0 ICZ: USAF Sigonella 10.97 ALE/MIL-188-141A calling CRO:
USAF Croughton(26/feb/2004)(LAR)
09025.0 ICZ:NAS Sigonella ITA 1725 ALE/USB snd (23-feb-04)(MSM)
09025.0 JDG: USAF Diego Garcia 1823 USB/ALE snd (23-feb-04)(MSM)
09025.0 JTY: 1804 USAF Yokota, Japan calling AED Elmendorff
Alaska ALE/USB14/02 (PP1)
09031.0 Architect (RAF Flight watch): 2123 USB w/airfield wx and
color states. 24/02 RP3
09031.0 MQP: ? RAF 0721 USB om "ascott... " Feb24 04 ML
09031.0 RAF 0752: USB "ASCOT 3475"(tristar K1.C2??) Feb27 04 ML
09031.0 RAF 1042: USB om "kinloss out, valley out, lossiemouth out
..." Feb2604 ML
09031.0 RAF ARCH: 0815 USB y| many airfields black (because
white snow /thank's jim) Feb27 04 ML
09031.0 RAF ARCH: 1040 USB "7336"(not listed ascot file)
announcing landing LFKB / bastia Feb26 04 ML
09031.0 RAF ARCHIT: 1502 USB work PATCHWORK ??(norw af??)
requesting phonenumbers Feb25 04 ML
09043.0 Unid: 0059 MIL-STD 188-141A SOUND/USB(22/Feb) (HL4)
09048 ITA08/RIFTN: Italian AF Pratica di Mare, I 1302 USB +
BAUDOT 75Bd/850Hz (+2000Hz offset), tfc to RFFUED
(24Feb04) (LDO)
09048 VLX33/RFFUED: French AF Orleans, F 1302 USB + BAUDOT
75Bd/400Hz, tfc to RIFTN (24Feb04) (LDO)

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- 09048.0 ITA08/RIFTN: Italian AF Pratica di Mare, I 1302 USB +
BAUDOT 75Bd/850Hz (+2000Hz offset), tfc toRFFUED
(24Feb04) (LDO)
- 09050.0 DT1: (Rockwell-Collins, possibly Dallas TX): 2134 USB/ALE
TO ROC (Rockwell-Collins HQs, Iowa). 18/02 RP3
- 09050.0 O/M: (SS): 2355 LSB w/O/M (SS). Possibly Venezuelan Navy.
17/02 RP3
- 09052.0 LECAIRE: (French Embassy Cairo): 2118 USB/ALE TO CER41
(French MFA, Paris). 17/02 RP3
- 09060 JADE: Mexican Army 2100 ALE/USB Also RM9 RM14 (Military
09060.0 DIA: (probably Diamante, Mexican Army): 0231 USB/ALE TO
JADE (Mexican Army). 25/02 RP3
- 09060.0 JADE: RM9, RM14 2100 Mexican Army ALE/UTC
(6MAR04) (je)
- 09060.0 RM12: (Mexican Army, Military Region #12): 0242 USB/ALE
TO JADE (Mexican Army). 25/02 RP3
- 09077 : UNID network, 0837 USB, VX tfc. using HC-265 voice
scrambler (14Mar04) (LDO)
- 09077.0 no-call: UNID network, 0837 USB, VX tfc. using HC-265
voice scrambler (14Mar04) (LDO)
- 09078.6 : UNID network, 0837 SIEMENS CHX-200 system 250Bd/170Hz,
FH and non-FH mode (14Mar04) (LDO)
- 09078.6 no-call: UNID network, 0837 SIEMENS CHX-200 system
250Bd/170Hz, FH and non-FH mode(14Mar04) (LDO)
- 09085 0200: Italian GUARFI Net 1958 ALE/LSB Sounding.
(20Feb04) (RGA)
- 09085 0804: Corpo Carabinieri 800-series fast patrol boat, I
1042 LSB/MIL-STD 188-141A, traffic to "0810"
(27Jan04) (LDO)
- 09085 0810: Corpo Carabinieri 800-series fast patrol boat, I
1250 LSB/MIL-STD 188-141A, traffic to "0811"
(26Jan04) (LDO)
- 09085.0 0804: Corpo Carabinieri 800-series fast patrolboat, I
1042 LSB/MIL-STD 188-141A, traffic to"0810"
(27Jan04) (LDO)
- 09085.0 0810: Corpo Carabinieri 800-series fast patrolboat, I
1250 LSB/MIL-STD 188-141A, traffic to"0811"
(26Jan04) (LDO)
- 09094 VEILLEUR: French AF Taverny, F 1843 USB/75Bd/850 Hz RATT,
traffic to CYRANO## (24Feb04) (LDO)
- 09094.0 VEILLEUR: French AF Taverny, F 1843 USB/75Bd/850Hz RATT,
traffic to CYRANO## (24Feb04) (LDO)
- 09110 SB10: Algerian MOI 2257 ALE/USB Calls AL12/Algiers? Very
active network. (26Feb04) (RGA)
- 09130 : Prob Enigma E10 1806 AM/DSB YL in traffic with 5LGs.
(25Feb04) (RGA)
- 09130 GUB: Unid Romanian Embassy 1958 ALE/USB Calls CENTR8/MFA
Bucharest. (20Feb04) (RGA)
- 09131.7 : Egyptian Embassy Algiers 1800 ARQ Msg in ATU80 to qkds
kdktxke/unid. Prob to Cairo. (25Feb04) (RGA)
- 09151.6 unid: 1655 ARQ 100 encrypted any idea?? Feb22 04 ML
- 09152.5 ydq---fkm: egyptian embassy Belgrade 15.13 SITOR-A ATU-80
tfc to kdjfkqo-r: unknown (03/03/2004)(LAR)
- 09158.0 CR2: Unid 2000 ALE/USB Calling '6' every two hours
(04/03/04)(AJP)
- 09202.0 YHF: Tentative logging 0200z Feb 22, 2004 USB very strong
carrier on frequency, unable to ID but did hear a very
weak voice cadence. Tones were noted at 0203 [SN]
- 09212,0 EAGLE: R&S-Station 1402 USB ALE/MIL-188-141A clg
RSMUNICH, R&S Munich, D (24/Feb/2004) (KK)
- 09212,0 EAGLE: R&S-Station 1408 USB ALE/MIL-188-141A clg SPACEMAN
R&S-Station (24/Feb/2004) (KK)
- 09215.0 AYA30: Argentine Police 1226 USB SS Calling: Chaco,
Santiago del Estero, Bellville, Pinamar, General Pico,
Santa. Rosa. Then radiograms. (26/02/04) (AJP)
- 09227 045: Israeli AF 1957 ALE/USB Calls AAA/NCS.
(03Mar04) (RGA)
- 09231.0 7XR26: BECHAR MET 0720 USB french/arab wx data

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Feb28 04 ML
09261.0 "CS": Brazilian Navy 0024 Sitor-Fec 100Bd/170Hz to "BH"
"TOUROS FOR WINDOWS 2.0" Hex-Dat. (03/Mar/2004) (KK)
09262.0 CFM: ?? unid 1046 BAUDOT50 any idea?? Feb26 04 ML
09262.0 MFA: MOSCOW 1046 BAUDOT50 /FAPSI (thank's to jim & ary)
Feb26 04 ML
09301.0 Architect (RAF Flight watch): 2203 USB w/airfield wx &
status report. 26/02 RP3
09315 INA: Algerian Sonalgaz Net In Amenas 1558 ALE/USB Sounds.
(03Mar04) (RGA)
09315 INA: Algerian Sonalgaz Net In Amenas 1930 ALE/USB Sounds.
(20Feb04) (RGA)
09906.0 SCLC512: (Communications Logistics Center, 512th Jungle
Inf Bn, Venezuelan Army): 2159 USB/ALE TO
CLC51(Communications Logistics Center, 51st Jungle Inf
Bde). Also noted on 12191.0. 18/02 RP3
09950.0 MONTECANO: (Venezuelan Air Defense site): 2217 USB/ALE TO
CDDA (Venezuelan Air Defense HQs, El Liberator Airbase).
23/02 RP3
10000.0 CENTR8: MFA Bucarest 1951 ALE/USB Calling GUB and C5B
(03/03/04) (AJP)
10033.0 MPD: 921: 1607 USB calling Miami Radio w/no response.
17/02 RP3
10046.0 4XZ: (Israeli Navy Haifa): 0009 CW. Repeats TSTETSTEHHBB.
24/02 RP3
10051 GANDER RADIO: VOLMET Gander NFLD CAN 1450 USB OM with
Canadian Airfields Forecasts. (13Mar04) (RGA)
10051.0 Gander Volmet: 0253 USB EE wx report (05/03/04) (AJP)
10075 AY2620: Finnair B757 1610 HF DL At 5958N 02410E.
(12Mar04) (RGA)
10075 CLX733: CargoLux B747 1741 HF DL At 4453N 02443E.
(28Feb04) (RGA)
10075 D-ALCB: Lufthansa Cargo MD11F LH8250 1818 HF DL Reports
6143N 03814W to ARINC Muharraq. (28Feb04) (RGA)
10075 I-LIVA: Livingstone A321 Flt LVG573 1738 HF DL At 4153N
01231E. (28Feb04) (RGA)
10075 LH8440: Lufthansa Cargo MD11F 1737 HF DL Reports 3141N
07115E to Muharraq. (28Feb04) (RGA)
10075 PAC510: Pacific Air Cargo Flt 1603 HF DL At 4641N 05018E.
(12Mar04) (RGA)
10075 SU1008: Aeroflot Flt 1603 HF DL Reports 5547N 03629E to
ARINC Muharraq. (12Mar04) (RGA)
10075 VP-BDM: Aeroflot A319-111 Flt SU0274 1639 HF DL Reports
5603N 03750E. ICAO ID DF0002. (12Mar04) (RGA)
10075 VP-BWE: Aeroflot A320-214 Flt SU0106 1612 HF DL At 5556N
03706E. ICAO ID 4A8002. (12Mar04) (RGA)
10075.0 Cedar Rapids Radio: 1256 USB w/world 174 (N274WA, Boeing
MD-11) w/selcal check (GH-DR). 19/02 RP3
10075.0 Houston Radio: 1348 USB w/Gemini 1146 who reports landing
at Maracaibo International, Venezuela. 27/02 RP3
10085 102: Unid 0208 ALE/USB Sounding. (03Mar04) (JJ)
10085.0 Unid: 0208 MIL-STD 188-141A ALE SOUND/USB UNID Stn This
is 102 (03/Mar) (JJP)
10100.8 DDK9: Hamburg Meteo Pinneberg Site 1408 RTTY/50/450 ship
reports. //147.3 (13Mar04) (RGA)
10100.8 Hamburg Meteo: 1509 RTTY 50bd/425hz w/synoptic wx.
24/02 RP3
10100.8 Hamburg Meteo: 2035 RTTY 50bd/425hz w/synoptic wx.
18/02 RP3
10156.0 CLC24 (Communications Logistics Center, 24th Inf Bde,
Venezuelan Army): 2321 USB/ALE TO PCRC2 (Regional
Communications Command Post, Military Region 2).
26/02 RP3
10156.0 CLC24: (Communications Logistics Center, 24th Inf Bde,
Venezuelan Army): 2321 USB/ALE TO PCRC2 (Regional
Communications Command Post, Military Region 2).
26/02 RP3
10160 : Russian Military 1505 MS-5/4800/DPSK/USB In and out of

cipher. (13Mar04) (RGA)
 10162.0 453FEMAUX: FEMA station WGY9453: 1543 USB ALE. Numerous
 CAP stations here in USBALE also (03/MAR/04) (JLM)
 10162.0 unid: PRC Military 0018 4+4/LSB 600/2400 idle
 (12-Feb-04) (JUM)
 10166 VCT: Globe Tor's Cove NFLD CAN GLOBEDATA Idling.
 (25Feb04) (RGA)
 10166.4 VCT: Globe Tor's Cove NFLD CAN GLOBEDATA Idling. 8615 khz
 also audible. (06Mar04) (RGA)
 10171.0 unid: PRC Military 0019 4+4/LSB 600/2400 idle
 (12-Feb-04) (JUM)
 10182.0 ODY: (unidentified): 0814 USB/ALE TO TZSH (unidentified).
 23/02 RP3
 10182.0 TWLA: GUARDIA CIVIL VITORIA 0736 MIL.STD 188-141A ALE on
 usb. C1ng TZSJ/Jaen. Also 0904 (15/Mar)(DW)
 10182.0 TYME: GUARDIA CIVIL MADRID 1706 MIL.STD 188-141A ALE on
 usb. C1ng TZSM/Malaga who responds (15/Mar)(DW)
 10182.0 TZSM: GUARDIA CIVIL MALAGA 1706 MIL.STD 188-141A ALE on
 usb. Responding to TYME/Madrid (15/Mar)(DW)
 10194.0 ALPHA: 2230.5 BRAVO CHARLIE, JULIETE & PAPA, USN net:
 0211 USB voice (29/FEB/04) (JLM)
 10195.0 Unid: (SS): 2047 LSB w/O/M (SS) in personal conversation.
 25/02 RP3
 10220 BISONTE: UNID Italian MIL, 0807 USB/FSK-1200Bd/ISS-mode,
 traffic to ELEFANTE [=Roma], QSX 11163 khz
 (13Mar04) (LDO)
 10220.0 BISONTE: UNID Italian MIL, 0807 USB/FSK-1200Bd/ISS-mode,
 traffic to ELEFANTE [=Roma], QSX 11163 khz
 (13Mar04) (LDO)
 10231.3 RT4: unid 2355 P-I/200Bd c1g from unid (03/Mar/2004) (KK)
 10256.0 unid: Russian 0022 ISB OQPSK modem 1280/1400 in both
 sidebands of ISB. (12-Feb-04) (JUM)
 10274.9 CNDG: Nat. Centre for Geophysics Algiers, ALG 0908
 LSB/MIL-STD 188-141A, slightly off freq, sounding
 (28Feb04) (LDO)
 10274.9 CNDG: Nat. Centre for Geophysics Algiers, ALG 0908
 LSB/MIL-STD 188-141A, slightly off freq, sounding
 (28Feb04) (LDO)
 10284.9 CNDG: Nat. Centre for Geophysics Algiers, ALG 0918
 LSB/MIL-STD 188-141A, slightly off freq, sounding
 (28Feb04) (LDO)
 10289.0 unid: PRC Military 0023 4+4/LSB 600/2400 idle
 (12-Feb-04) (JUM)
 10310.6 1TS601: French Ny attack submarine "Rubis", 1352 USB/MIL-
 STD 188-141A, calling F-Ny Brest (26Feb04) (LDO)
 10310.6 1TS601: French Ny attack submarine "Rubis", 1352 USB/MIL-
 STD 188-141A, calling F-Ny Brest (26Feb04) (LDO)
 10344.0 unid: PRC Military 0024 4+4/LSB 600/2400 idle
 (12-Feb-04) (JUM)
 10389.0 unid: PRC Military 0025 4+4/LSB 600/2400 idle
 (12-Feb-04) (JUM)
 10404.6 WPC: Pin Oak, New Jersey 1524z Jan 18, 2004 CW CW ID and
 digital idle [SN]
 10409.5 107: 0101 MIL-STD 188-141A ALE on LSB. To: 111 This :107
 (22/Feb) (HL4)
 10409.5 107: Unid 0101 ALE/USB wkg 111. (22Feb04) (JJ)
 10413.0 unid: Russian Military 0026 MS5 modem. (12-Feb-04) (JUM)
 10449.0 101: prob. Chinese net 175 USB/ALE wkg 107
 (23-feb-04)(MSM)
 10453 : Russian Military 1510 RUS-75/75/250 cipher.
 (13Mar04) (RGA)
 10470.0 unid: PRC Military 0028 4+4/LSB 600/2400 idle
 (12-Feb-04) (JUM)
 10486 CENTR6: MFA Bucharest 1926 ALE/USB Calls ZOW/Unid
 embassy. (03Mar04) (RGA)
 10487 UMC: Unid Romanian Embassy 1931 ALE/USB Calls CENTR3.
 (03Mar04) (RGA)
 10491 ---:French forces Dakar Senegal Naval Mon 16 Feb 04 ARQ

E3 idling (EB)

10531.0 RJF9H: 0015 CW / simplex net; hourly comm check & traffic with: RAO98, RCY7 (21/Mar/2004) (tundra monitor)

10536 CFH: CF Halifax 0713 FAX/120/576 Good wx chart. 01/Mar/04) (RH2)

10536.0 CF Halifax: 18.19 FAX 576/120rpm "Carte du temps significate" later into RTTY 75Bd synop charts (21/feb/2004)(LAR)

10536.0 CFH: ; CF Halifax CAN 11:02 F1C/120/576 Test chart and schedule 22/feb/04 (PPA)

10543.0 unid: Russian Military 0029 MS5 modem. (12-Feb-04) (JUM)

10555.0 LCR154: Polish Army warsaw 09.35 ALE/MIL-188-141A calling SPI324:Polish Army Iraq (23/feb/2004)(LAR)

10573.0 unid: PRC Military 0030 4+4/LSB 600/2400 idle (12-Feb-04) (JUM)

10595.0 141: unid 1604 1626 USB/ALE snd (23-feb-04)(MSM)

10610.9 : Moscow Meteo 1518 FAX/120/576 Isobars little detail Cyrillic title and date. (13Mar04) (RGA)

10620.0 CR1: Unid 2300 ALE/USB Calling '2' every two hours (03/03/04)(AJP)

10627 055: Prob E.Asian Net 1853 ALE/USB Sounding. (28Feb04) (RGA)

10673 REA4: AF HQ Moscow 1541 CW 06150 sked bcast (early). // 11408 12736. (06Mar04) (RGA)

10680.0 T1Z159: (1/159th Avn Bn, Simmons AAF Ft Bragg NC): 1823 USB/ALE sounding. Also sounding on 08171.5. 21/02 RP3

10711 VEILLEUR: French AF Taverny, F 1700 USB/secure voice "CYCLON"-scrambler, working CYRANOxxx (13Mar04) (LDO)

10711.0 VEILLEUR: French AF Taverny, F 1700 USB/secure voice "CYCLON"-scrambler, working CYRANOxxx(13Mar04) (LDO)

10720.0 unid: 0934 BAUDOT?? /81 FEB15 04 ML

10733.6 KWK96: (Dept of State): 1924 USB/ALE TO WNG811(Dept of State). Also noted on 13503.6. 23/02 RP3

10808.0 unid: Russian Military 0034 MS5 modem. (12-Feb-04) (JUM)

10810.5 unid: PRC Air Defense 0035 4FSK 100/1500 4FSK Burst modem w/500hzspacing. (12-Feb-04) (JUM)

10825.0 FR EMB ADDISABEBA: 1512 ALE to LE CAIRE Feb28 04 ML

10826 : Unid Illicit 1840 CW Fast 5FGs ending ... 35658 95952 000 000. (28Feb04) (RGA)

10870 C,S:MX Markers Russia Naval Mon 16 Feb 04 CW C = Moscow S = Archangel (EB)

10872 C: MX Beacon 1838 CW Moscow. (28Feb04) (RGA)

10872.0 "C": MOSCOW beacon 1410 CW 17 Feb14 04 ML

10872.0 C: ; Russian navy beacon Moscow RUS CW parallel to 16332.0 not heardon 13528 22/feb/04 (PPA)

10917 ---:French forces Dakar Senegal Naval Mon 16 Feb 04 ARQ E3 48 idling (EB)

10917.7 RFTJ: FF DAKAR 0936 ARQ-E3/48 idling FEB15 04 ML

10927 : Unid 1602 NATO-75/75/850 Cipher. Night from 18536 khz. (25Feb04) (RGA)

10945 4LL: Moroccan Gendarmerie 2013 ALE/USB calls OZZ. (19Feb04) (RGA)

10945.0 1PG: MOROC GENDARMES ?LOC 1003 MIL.STD 188-141A ALE on usb. C1ng 5EE, also 1154, 1200z. 1051 c1ng 3GW, also 1121, 1128. 1058 C1ng 6UL, also 1101. (13/Mar)(DW)

10945.0 3GW: MOROC GENDARMES ?LOC 1014 MIL.STD 188-141A ALE on usb. C1ng 5EE. 1119 c1ng 9PY (13/Mar)(DW)

10945.0 4LL: 1725 Maroc Gendarmerie also OZZ and 6LY and 3TA ALE/USB 18/02(PP1)

10945.0 6UL: MOROC GENDARMES ?LOC 1054 MIL.STD 188-141A ALE on usb. C1ng 9PY, also 1056, 1100z (13/Mar)(DW)

10945.0 9PY: MOROC GENDARMES ?LOC 1006 MIL.STD 188-141A ALE on usb. C1ng 1PG. C1ng 5EE, also 1019. 1041 c1ng 6UL (13/Mar)(DW)

10990.0 unid: Japanese Military 0045 Mil-std 188-110A App A 16-tone parallelmodem. (12-Feb-04) (JUM)

11010.0 ERMBEL: (Brazil Navy Radio, Belem): 0037 USB/ALE TO FGREEN (Brazil Navy Frigate "Greenhalgh" F-46). 14/02 RP3

Moron AB, Spain - ETA 0510Z

11175.0 Reach 5225: 0218Z Reach 5225 [type?] call Salinas PR
PP Dover AFB, DE -ETA 0420Z (EE): 1403 USB w/O/M (EE).
Chat about riding out some rough wx at sea. Both speakers
with US southern accents--probably Gulf of Mexico
fishermen. 22/02 RP3

11175.0 Reach 944: 0146Z Reach 944 [C-141 TN67944] call offutt
PP McGuire AFAB, N.J. -ETA 2310 local

11175.0 USAF: 0743 USB om d/x work reach295 Feb24 04 ML

11175.0 USAF: 2025 USB eng om flight check & weather request
FEB15 04 ML

11175.0 unid: flight 1555 USB requesting facilities for Pristina
Feb2504 ML

11181 AJE: USAF Croughton, G 0843 USB/TE-204 (AN/USC-11)/4-FSK
150Bd, tfc to UNID airborne station, strong signals,
remote keying via DTMF tones (24Feb04) (LDO)

11181 HAWSPR: USAF SIPRNet Stn Ascension 1958 ALE/USB Sounds.
(19Feb04) (RGA)

11181 JTYSR: USAF SIRPNet Stn USAF Yokota AFB JAP 0144 ALE/USB
Sounding. (03Mar04) (JJ)

11181.0 AJE: USAF Croughton, G 0843 USB/TE-204 (AN/USC-11)/4-FSK
150Bd, tfc to UNID airborne station, strong signals,
remote keying via DTMF tones(24Feb04) (LDO)

11181.0 Unid: 0144 MIL-STD 188-141A ALE SOUND/USB UNID stn This
Was JTYSR (03/Mar) (JJP)

11184 CO0027: Continental Flt 1112 HFDL Reports 5607N 00226W to
ARINC Reykjavik. (03Mar04) (RGA)

11184 CO0041: Continental Flt 1244 HFDL At 5501N 02029W.
(03Mar04) (RGA)

11184 D-ALCE: Lufthansa Cargo MD11F Flt LH8442 1127 HFDL At
4815N 01856E. (03Mar04) (RGA)

11184 D-ALCI: Lufthansa Cargo MD11 Flt LH8401 1228 HFDL Reports
5011N 00859E to ARINC Reykjavik. (03Mar04) (RGA)

11184 D-ALCK: Lufthansa Cargo MD11 Flt LH8164 1250 HFDL At
5538n 01518w. (03Mar04) (RGA)

11184 D-ALCL: Lufthansa Cargo MD11F Flt LH8251 1114 At 4934N
04526w. (03Mar04) (RGA)

11184 LX-PCV: CargoLux B747 "City of Dietrich" 1239 HFDL Signs
on. (03Mar04) (RGA)

11184 N559TZ: American Transair B757 Flt TZ4374 1232 HFDL Signs
on. (03Mar04) (RGA)

11184 OH-LBV: Finnair B757 Flt AY2615 1114 HFDL Signs on.
(03Mar04) (RGA)

11184 VP-BDK: Aeroflot A320 Flt SU0117 1314 HFDL At 5137N
00648E. Probably ICAO ID 5F0002. (03Mar04) (RGA)

11184 VP-BWD: Aeroflot A320 Flt SU0286 1249 HFDL At 5223N
02422E. (03Mar04) (RGA)

11184.0 SU0299: AFL SU VP-BWE A320-214 2024 USB/HFDL rep pos to
Reykjavick LAT43,27,50N LON,0,30,32E (23-feb-04)(MSM)

11184.0 UP6711:N328UP: UPS B767 2026 USB/HFDL rep pos to
Reykjavick LAT53,16,30N LON2,52,20W (23-feb-04)(MSM)

11190.0 LDOC LAN: / linea aer nacional de chile 0745 USB span
"santiago"Feb27 04 ML

11205.0 Halifax Military: 1420 USB w/FOP. Halifax Military tells
FOP to QSY to A6P (not found). Confirms that 11205 is
freq A6N. 22/02 RP3

11205.0 Halifax Military: 1500 USB w/FOP 22/02 RP3

11226 JDG: NAS Diego Garcia BIOT 2135 ALE/USB Sounding.
(10Mar04) (RGA)

11226.0 IKF: NAS Keflavik ICE 813 USB/ALE snd (23-feb-04)(MSM)

11226.0 IKF: USAF KEFLAVICK 1709 ALE/USB Sounds (23-feb-04)(MSM)

11226.0 JNR: NAS Roosevelt Roads PR USA 1717 ALE/USB Sounds
(23-feb-04)(MSM)

11232 AWAKE 01: 0124 USB wkg Trenton Military w/pp RAYMOND 24.
(13Mar04) (RB)

11232 CANFORCE 340: 0045 USB wkg Trenton Military for selcal
check GH-AE. (07Mar04) (RB)

11232 CANFORCE 3940: 0216 USB wkg Trenton Military for wx at

- "TR". (12Mar04) (RB)
- 11232 THUMPER: 2058 USB wkg Trenton Military w/pp RAYMOND 24. (08Mar04) (RB)
- 11232.0 CFH: HALIFAX CANF 1949 USB eng d/x & weather on requested airfieldsFEB15 04 ML
- 11232.0 Trenton Military: 1950 USB w/Outcast 906. Trenton advises Outcast 906 that Halifax RCC (Rescue Coordinating Center) has no traffic for him. 14/02 RP3
- 11235.0 unid: 0939 usb uno due tre quattro cinque sei sette otto=nove dieci proba proba ... 27-Feb-04 (wp3)
- 11240 BASE/DAMASCUS: Syrian Arab Airlines Damascus, SYR 1512 USB, tfc. to several aircraft in a mix of English and Arabic (06Mar04) (LDO)
- 11240.0 BASE/DAMASCUS: Syrian Arab Airlines Damascus, SYR 1512 USB, tfc. to several aircraft in a mix of English and Arabic (06Mar04) (LDO)
- 11244 BASE LINE: EAM Bcast 1855 USB UTE4LT with nothing heard on 6697, 13155 or 8992. (21 Feb 04) (JH)
- 11244 JEWEL BOX: AKAC Message 0407 USB 3-6-9 message of 8 groups: PEI CUW 2CA ZED 6DJ HX3 JKF V2M (x2) and closing with his id, simulcasting same on at least 8992 with nothing heard on 6697 or 13155. At 0410z JEWEL BOX called [too weak to understand id] on 11244 and asked if he received his [faded at word] with no known response and quiet. (19 Mar 04) (JH)
- 11244 JONATHAN: 28-char EAM 0337 USB 446BAT simulcast on at least 8992 and 6697 with nothing heard on 13155. H+07/h+37 activity. Heard earlier at 0307z and 0233z. (14 Mar 04) (JH)
- 11244 SHERLOCK: 28-char EAM 1723 USB PYGICH preceding OFFUTT 1727z HFGCS bcst of same, simulcasting same on at least 8992. H+25/h+55 activity. (18 Mar 03) (JH)
- 11244 SHERLOCK: EAM Bcast 1726 USB PYGICH and 28-char PYZV5S. At 1731z 28-char PYDWGI, PY33CN at 1737z, PY33CN, (unknown) and PYUG7B as h+25/h+55 activity at 1755z, and the 28-char PY3JLJ at 1806z. (18 Mar 03) (JH)
- 11244.0 USAF 0722: USB y l EAM Feb2404 ML
- 11244.0 USAF AJE: ? 0706 USB EAM Feb25 04 ML
- 11247.0 RAF 0757: USB d/x 3475 Feb27 04 ML
- 11247.0 RAF ARCH: 0952 USB "ASCOT682 (hercules C1?) requesting condition for EGTE,EGDG,EGYD Feb27 04 ML
- 11285.0 ATC SEA: chenai?? 1622 USB work REACH50 Feb25 04 ML
- 11300 Tripoli: Tripoli Libya Air radio 1832 Thur 11 Mar 04 USB trying to contact Air France 966 - no contact (EB)
- 11300.0 KLM 566: 0003 USB calling Tripoli (MWARA AFI-3) w/no response. 24/02 RP3
- 11300.0 Tripoli Control: 1250 Tripoli ATC with EGY1508, Egyptian Airforce C-130 ; USB 26/02 (PP1)
- 11300.0 Tripoli: 1305 Tripoli with PRM8102 giving registration as 5R-MRMB737, probably Govt of Madagascar ; also Kenya 116 FL310, Egyptair 122 and Togo 001 following route IMN / IZD / WLD / ZRT, ETA 1405 USB 26/02 (PP1)
- 11300.0 Tripoli: 1445 Tripoli w/Sierra Leone 001 USB 26/02 (PP1)
- 11309.0 New York ATC: 1650 NY with Iberia 6501 selcall DK-BR reg EC-GLE A340 ; AF652 selcall BF-GK reg F-GCBI B747 USB 21/02 (PP1)
- 11311.0 O/M: (SS): 0047 USB w/O/M (SS). Neither station is an aircraft. Probably out-of-band users. One speaker mentions a " family in the north" to which second speaker replies, " also in the east, south and west." 19/02 RP3
- 11318.0 SAMARA: VM 0944 USB russian y l FEB15 04 ML
- 11318.0 SAMARA: VM 1418 USB russian y l weather ID FEB08 04 ML
- 11318.0 SAMARA: VM 1418 USB y l russian weather Feb14 04 ML
- 11345.0 BPA1502: 0900 Blue Panorama flight 1502 w/Stockholm SDJ request actual wx for LIMC Malpensa, LIMJ Genova, LFMN Nice cote d'azur ; flight is en route Varadero to Milan USB 21/02 (PP1)
- 11345.0 Maersk 651: 0850 Maersk 651 rdo chk with stockholm

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- Radio USB 22/02 (PP1)
- 11345.0 TF-ATO: 1021 reg TF-ATO B767 ROM (Aeromar, Dominican Rep) w/SDJ request TAF for Tunis and Casablanca selcall EQ-KP request to tune up to 13.342 USB 15/02 (PP1)
- 11352.1 1800: IRGC 1945 P-I/200Bd Ham-Mod clg LP:810 (1810), ASCII msg, conf. 11355 kHz Usb (16/Mar/2004) (KK)
- 11396.0 06900:.0 CER41 (FR MFA Paris): 2125 USB/ALE TO LECAIRE (FR Embassy Cairo). 26/02 RP3
- 11396.0 Ujung: 1550 Ujung ATC calling Vietnam783, no joy USB 26/02(PP1)
- 11408 REA4: AF HQ Moscow 1525 REVS/50/1000 Idles between skeds. // 12736 (06Mar04) (RGA)
- 11408 REA4: AF HQ Moscow 1540 MORSE/--/1000 13015 routine broadcast. (13Mar04) (RGA)
- 11427.5 MAE: MFA Algeria 16.31 ALE/MIL-188-141A calling TRP: algerian embassy Tripoli (06/march/2004)(LAR)
- 11427.5 TNS: algerian embassy Tunis 16.08 ALE/MIL-188-141A calling MAE: MFA Algeria (06/march/2004)(LAR)
- 11446.0 HR: unid 1703 ALE/USB Sounds (23-feb-04)(MSM)
- 11448.0 FEM620: & FEM621, likely FEMA stations on NTCN frequency: 1438 USB ALE (03/MAR/04) (JLM)
- 11455.2 : NATO System 1530 STANAG-4285/2400/USB 600 bps long interleave but weak synch and QSB. (06Mar04) (RGA)
- 11466.0 ALR: 1944 Algerian Oil Sonatrach Alrar ALE/USB 14/02 (PP1)
- 11472.6 23KNZ: NTCN, Atlanta, GA & Y75, probably KNY75, NTCN, TX: 1517 USB ALE (25/FEB/04) (JLM)
- 11490 TK1: Prob Israeli AF 1931 ALE/USB Sounding. (12Mar04) (RGA)
- 11494 PR1: US Customs S.Juan PR 2121 ALE/USB Sounding. (26Feb04) (RGA)
- 11500.0 1020 Turk Red Crescent 1338 USB ALE/MIL-188-141A clg 1050 turk voices with Rogerbieb (18/Feb/2004) (KK)
- 11510 TARABOSHI: Albanian MOI Tarabosh 1948 ALE/USB Calls SHEBENIKU/MOI Shebeniku on 11510 11480 and 11460. (19Feb04) (RGA)
- 11543.6 1TLFUE: French Navy/Thales Brest, F 0939 USB/MIL-STD 188-141A, tfc. to 1TS601 (27Feb04) (LDO)
- 11543.6 1TS601: French Ny attack submarine "Rubis", 1354 USB/MIL-STD 188-141A, calling F-Ny Brest (26Feb04) (LDO)
- 11543.6 1TS601: French Ny attack submarine "Rubis",1354 USB/MIL-STD 188-141A, calling F-Ny Brest (26Feb04) (LDO)
- 11576.5 309: (DLA 309, Defense Logistics Agency, Battle Creek MI): 1743 USB/ALE sounding. 27/02 RP3
- 11610.0 SCLC222: (Communications Logistics Center, 222nd Motorized Inf Bn, Venezuelan Army): 2254 USB/ALE TO CLC22 (Communications Logistics Center, 22nd Inf Bde). 16/02 RP3
- 12022.0 WAROPS:9106.0 USDAHQ1, US Department of Agriculture HQ, Washington D.C. & KNR43, NTCN?: 1534 USB ALE (25/FEB/04) (JLM)
- 12050.0 NE1: Unid ALE/USB calls: CR1, BA1, 0, 2 and 15 1900 (02/03/04)(AJP)
- 12133.5 ---: QTH? 1450 USB Feb 13, 2004 "American Forces Network" ID at 1455z [SN]
- 12144.6 1TLFUE: French Navy/Thales Brest, MRT 1841 USB/MIL-STD 188-141A, tfc. to Fort de France (24Feb04) (LDO)
- 12144.6 1TLFUE: French Navy/Thales Brest, MRT 1841 USB/MIL-STD 188-141A, tfc. to Fort de France(24Feb04) (LDO)
- 12144.6 1TLFUF: French Navy/Thales Fort de France, MRT 1841 USB/MIL-STD 188-141A, tfc. to Brest (24Feb04) (LDO)
- 12144.6 1TLFUF: French Navy/Thales Fort de France, MRT1841 USB/MIL-STD 188-141A, tfc. to Brest(24Feb04) (LDO)
- 12165 : NATO Tactical Data System 1512 LINK-11/2250/USB (06Mar04) (RGA)
- 12190 ITA08/RIFTN: Italian AF Pratica di Mare, I 1246 USB, tfc to RFFUED (24Feb04) (LDO)
- 12190 VLX33/RFFUED: French AF Orleans, F 1246 USB, tfc to RIFTN

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(24Feb04) (LDO)
12190.0 ITA08/RIFTN: Italian AF Pratica di Mare, I 1246 USB, tfc to RFFUED (24Feb04) (LDO)
12190.0 VLX33/RFFUED: French AF Orleans, F 1246 USB,tfc to RIFTN (24Feb04) (LDO)
12210 : Russian Military 1509 MS-5/4800/DPSK/USB Cipher. QRM'd. (06Mar04) (RGA)
12216 68: Danish Military Net 1902 ALE/USB Calls collective designator DK11. (12Mar04) (RGA)
12311.0 Unid: USB 22:15 UTC, Russian voice, maritime service. One side of conversation, misc information about home. 14/feeb/04 (EP)
12390 GYA: RN Northwood 1808 FAX/120/576 Clear chart. (04/Mar/04) (RH2)
12412 RWM:Moscow time stn Russia Government 1940 wed 10 Mar 04 CW id given (EB)
12500 T86MED: Assoc USAF 86 Ops Group Ramstein GER 1918 ALE/USB Sounds. (12Mar04) (RGA)
12518.0 Unid: 0101 MIL-STD 188-141A SOUND/USB(22/Feb) (HL4)
12532.5 : Unid Turkish Vessel 1505 ARQ Opchat in Turkish about 1417 hrs traffic list. Prob to TAH/IstanbulRadio. (06Mar04) (RGA)
12560 : Vessel Poiner Kazahstana 1500 ARQ Tgms in M2C tp ArkhangelskRadio. (06Mar04) (RGA)
12577 3FSR6: Panamanian Vsl Sea Silkroad 1341 GMDSS Calls MRCC Miami/Norfolk USA for safety test. (12Mar04) (RGA)
12577 BOAZ: PRC Vsl Shan He 1450 GMDSS RQs MRCC Santander for safety test. (12Mar04) (RGA)
12577 BOKH: PRC Vsl Chun Lin 1452 GMDSS RQs Italian MRCCs for safety test. Then RQs JRCC Piraeus. Then MRCC Larnaca. (12Mar04) (RGA)
12577 C6PT8: Bahamas Reg vsl Thorfrid 1349 GMDSS Calls Lyngby/OXZ for safety test. (12Mar04) (RGA)
12577 ECEW: Spanish Vsl Catalina del Mar 1535 GMDSS RQs Lyngby/OXS for safety test. (12Mar04) (RGA)
12577 ELSV3: Liberian vsl Rialto 1344 GMDSS Calls unid US MRCC (00366000) for safety test. Then tries 003669991/MRCC Boston/Norfolk. (12Mar04) (RGA)
12577 LAWV5: Norwegian Vsl Torm Marina 1328 GMDSS RQs test with Lygby/OXZ. (12Mar04) (RGA)
12577 OWAP5: Danish Vsl Jesper Maersk 1350 GMDSS Call Lyngby/OXZ for safety check. (12Mar04) (RGA)
12577 PFPT: Netherlands Vsl Lootsgracht 1434 GMDSS RQs Lyngby/OXZ for test. (12Mar04) (RGA)
12577 UUSA: Ukranian Vsl Leonid Lugovoy 1416 GMDSS Calls Lyngby/OXZ for test. (12Mar04) (RGA)
12579.0 USCG Guam: 15.06 SITOR-B fading signal, ID'ed by list and through header "NNNN ZCZC VB62" gale warnings for the southern indian ocean(05/march/2004)(LAR)
12579.0 WLO: 1713 SITOR in contact w/CBAL (mechant vessel ALERCE, Chile). 25/02 RP3
12581.5 WLO: 1745 SITOR w/WGJT (container ship El Yunque). 22/02 RP3
12587 LZW:Varna radio Bulgaria Maritime 1546 wed 03 Mar 04 FEC 100 ship messages (EB)
12587.0 LZW: Varna Radio 16.09 SITOR-B sending "informacionen biuletin"(05/march/2004)(LAR)
12588 LZW:Varna radio Bulgaria Maritime 1854 wed 25 Feb 04 CW/FEC just finished sitor B sked as I arrived on freq (EB)
12590 NMN:USCG Chesapeake USA Maritime Mon 16 Feb 04 CW/ARQ callband (EB)
12590.0 RRR34: MOSCOW 1518 ARQ working uiru "sormovskii 3054" FEB15 04 ML
12590.5 RRR34: Moskva Radio., RUS 1430 Sitor-Fec/100Bd TFC-List (13/Mar/2004) (KK)
12591 A9M:Hamala radio Bahrain Maritime Mon 16 Feb 04 CW/ARQ callband (EB)

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12592.5 NMN: CAMSLANT Chesapeake VA USA 1655 CW ARQ w/Morse ID.
(12Mar04) (RGA)

12594.5 A9M: HAMALA 1520 CW FEB15 04 ML

12594.5 A9M: HamalaRadio BHR 1654 ARQ w/Morse ID. (12Mar04) (RGA)

12595 A9M:Hamala radio Bahrain Maritime 1851 Wed 25 Feb 04
CW/ARQ callband (EB)

12596 SPA:Gdynia radio Poland Maritime 1543 wed 03 Mar 04
ARQ/FEC 100 ship messages (EB)

12596.0 RLK7: ARKHANGELSK 1430 ARQ working eurt?? btu Feb14 04 ML

12600 UAT:Moscow radio Russia Maritime 1849 Wed 25 Feb 04
CW/ARQ callband (EB)

12603.0 Lincolnshire Poacher: 2118 USB w/5-figure groups.
Partially blocked by Olympia Radio FEC broadcast.
24/02 RP3

12606.0 UIW: KALININGRAD 0816 ARQ d/x btu ... Feb23 04 ML

12607 UIW:Kalinograd radio Russia Maritime 1507 Wed 03 Mar 04
CW/ARQ callband (EB)

12613 XSQ: GuangzhouRadio PRC 1453 ARQ w/Morse marker.
(06Mar04) (RGA)

12613.0 XSQ: GUANGZHOU 0820 ARQ poor text Feb23 04 ML

12629.0 VJS: PERTH 0950 DIG heard FEB15 04 ML

12654 TAH:Istanbul radio Turkey Maritime 1842 Wed 25 Feb 04
CW/ARQ callband (EB)

12666.2 RFFMEA: Naviter France Sud 1730 RTTY/75/850 RY/ID to
Batiments. (20/Feb/04) (RH2)

12666.2 RFFMEA: Naviter France Sud 1735 RTTY/75/850 RY/'S "to
Batiments". (05/Mar/04) (RH2)

12666.2 RFFMEA: Naviter France Sud 1800 RTTY/75/850 RY/ID "to
Batiments". (25/Feb/04) (RH2)

12666.2 RFFMEA: Naviter France Sud 1805 RTTY/75/850 RY/ID + wx
Msg/FF to Batiment (ships). First time heard this
callsign and frequency. (18/Feb/04) (RH2)

12669 LOR: AN Puerto Belgrano 1730 RTTY/75/170 RY/SG then
Metinfo/SS. (09/Mar/04) (RH2)

12669 LOR: AN Puerto elgrano 0730 RTTY/75/170 Radiovisos/SS.
(01/Mar/04) (RH2)

12690 UIW: KaliningradRadio 1659 cw QSS marker. Prob //17236.4
(12Mar04) (RGA)

12691 FUX:French naval Reunion Naval 1502 wed 03 Mar 04 RTTY 75
callband (EB)

12700 XSQ: GuangzhouRadio PRC 1451 CW CQ marker.
(06Mar04) (RGA)

12710.5 PWX: BN Rio 1944 RTTY/75/850 wx/PP //16935.7 & 6449.7
(14/Feb/04) (RH2)

12712 UCE:Archangel radio Russia Maritime 1450 wed 03 Mar 04
ARQ 100/FSK messages to UCOZ & UCMQ faint c/s in FSK (EB)

12715.2 : NATO System 1448 STANAG-4285/2400/USB 600 bps internal
data rate with long interleave. Intermittent synch.
(06Mar04) (RGA)

12724.2 : Unid 2015 STANAG-4285/USB 300 data rate long
interleave. (23Feb04) (AD)

12734 URL:Sebastopol radio Ukraine Maritime Mon 16 Feb 04 CW
callband (EB)

12735 URL: SevastopolRadio UKR 1554 CW QSX marker.
(13Mar04) (RGA)

12735.0 URL: SEVASTOPOL 1701 CW18 Feb14 04 ML

12735.0 URL: SEVASTOPOL 1637 BAU/50 russian or ukr? Feb14 04 ML

12736 REA4: AF HQ Moscow 1440 MORSE/--/1000 06140 sked bcst.
Then reverts to FSK reversals. Ukranian ships working
between REA4 limits. // 11408 and 10673. (06Mar04) (RGA)

12736 UYDV: RKTS Nore Sodruvestwa 1410 CW QTC 7. de UYDV PSE
16725.5. Goes to 16725.5 RTTY with traffic.
(06Mar04) (RGA)

12737 REA4:Russian air force Russia Military Air 1442 wed 03
Mar 04 FSK (CW) end of 5 fig tfc and into revs (EB)

12745.5 JJC: Kyodo News Agency Tokyo 1600 FAX/60/576 Sports news
in Japanese. Fair copy. (13Mar04) (RGA)

12751.8 ---:USCG Boston USA Meteo 1805 wed 03 Nar 04 FAX 120/576

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tones only (EB)
12788 NMG:USCG New Orleans USA Maritime 1434 wed 03 Mar 04 FAX
120/576 tones only (EB)
12810 VTG4/5/7:Indian navy Mumbai India Naval 1431
wed 03 Mar 04 CW callband (EB)
12811.2 : Unid 2017 STANAG-4285/USB 600 data rate long
interleave. (23Feb04) (AD)
12823.5 CTP: NATO Lisbon 1910 RTTY/75/850 "NAWS de CTP" etc.
(02/Mar/04) (RH2)
12824.9 GYU: RN Gibraltar 1646 RTTY/75/205 08a 12a CARB.
(13Mar04) (RGA)
12825.0 GYU: RN GIBRALTAR 1719 BAU/75 carbs Feb14 04 ML
12832 : CIS Navrad 1542 36-50/50/240. (11/Mar/04) (RH2)
12832 : Russian Military 1353 36-50/50/200 T600 messages //
18.1 RDL. (06Mar04) (RGA)
12832 : Russian Military 1650 36-50/50/260 At least 4 msgs.
(13Mar04) (RGA)
12840.5 PBC: RNethN Goree Is 1655 RTTY/75/850 CARBS.
(13Mar04) (RGA)
12841.0 PBC (Dutch Navy, Goeree): 2113 RTTY 75bd/850hz w/carbs.
24/02 RP3
12847.2 : Unid 2020 STANAG-4285/USB 300 data rate long
interleave. (23Feb04) (AD)
12857 6WW: FN Dakar SEN 1349 RTTY/75/850 Test idlers.
(06Mar04) (RGA)
12857.5 6ww: FN Dakar 1916 RTTY/75/850 Test tape.
(02/Mar/04) (RH2)
12873.6 : Unid 2022 STANAG-4285/USB Interleave not determined -
fast fade. (23Feb04) (AD)
12878 UIW:Kaliningrad radio Russia Maritime Mon 16 Feb 04 RTTY
50 callband (EB)
12883.6 : NATO System 1334 STANAG-4285/2400/USB Internally 600
bps with long interleave. Data encrypted. (06Mar04) (RGA)
12883.6 : Unid 2025 STANAG-4285/USB Interleave not determined -
fast fade. (23Feb04) (AD)
12892.5 9HD: GlobeRadio Malta 1332 GLOBEDATA Idling.
(06Mar04) (RGA)
12893 9HD:Malta radio Malta Maritime 1836 wed 25 Feb 04 Globe
marker (EB)
12893 9HD:Malta radio Malta Maritime Mon 16 Feb 04 Globe
marker (EB)
12903 VTH1/5/7: IN Mumbai 1547 RTTY/50/850 RY's, callsigns +
4LG. (08/Mar/04) (RH2)
12903 VTH: Indian Navy Mumbai 1700 RTTY/50/850 RBSL marker.
(12Mar04) (RGA)
12932 : SS Navrad 1557 RTTY/100/850 Crypto. (11/Mar/04) (RH2)
12947.5 ZSJ: SAN Silvermine 1019 MFSK/32 54.5bd also heard on
6394.7, 4032.5, 8604 & 8631. Increased activity due
recent arrival at Simonstown of two new Corvettes, to be
followed soon by two more and three submarines.
(12/Mar/04) (RH2)
12965 USO5:Izmail radio Ukraine Maritime Mon 16 Feb 04 CW PL
traffic very fast CW (EB)
12982 4XZ:I.D.F. Haifa Israel Naval 1606 Mon 16 Feb 04 CW 5 ltr
traffic (EB)
12984 4XZ:I.D.F. Haifa Israel Naval 1833 wed 25 Feb 04 CW
callband (EB)
12984.0 4XZ: (Israeli Navy Haifa): 2030 CW. 23/02 RP3
13001 HEC:Berne radio Switzerland Maritime 1214 wed 25 Feb 04
GLOBE freq marker
13014.5 IAR: (Rome Radio): 2100 CW w/freqs and announcements.
14/02 RP3
13015 IAR:Rome radio Italy Maritime 1818 wed 24 Feb 04 CW
callband (EB)
13030 FUF:French forces Martinique Naval 1603 Mon 16 Feb 04
RTTY 75 callband (EB)
13033 VCS:Tors cove radio Newfoundland Canada Maritime 1815 wed
25 Feb 04 Globe marker (EB)

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13042 ---:French forces Djibouti Military 1558 Mon 16 Feb 04
RTTY 150 corrupted callband (EB)

13042.2 FUV: FN Jibouti 0442 RTTY/150/850 qwerty/ID/Ry's etc.
(08/Mar/04) (RH2)

13042.5 Unid: 0050 RTTY 150/850 Possible FF Djibouti Unable to
decode(28/02/04) (AJP)

13050.0 UDK: & UDK2 (Murmansk Radio): 1400 RTTY 50bd/170hz
w/shipping msgs in RR. 26/02 RP3

13072 : Unid 2029 STANAG-4285/USB Interleave not determined -
fast fade. (23Feb04) (AD)

13077.0 -: QTH? 1620z Jan 16, 2004 USB Spanish simplex
traffic [SN]

13089.0 NMN: USCG 1626 USB y1 sea wx forecast Feb27 04 ML

13128.0 TAH: ISTANBUL 0955 USB turk om FEB15 04 ML

13155 OUTCURVE: EAM Bcast 0037 USB 44HL5M simulcast 6697, 8992
and 11244. H+07/h+37 activity. (11 Mar 04) (JH)

13163 VCT:Tors cove radio Newfoundland Canada Maritime 1810 wed
25 Feb 04 Globe marker (EB)

13170.0 Olympia Radio: 1922 USB w/voice markers in GR/EE.
26/02 RP3

13188.0 UAT: Moscow, Russia 1533z Jan 16, 2004 USB some traffic,
overpowered by XSG [SN]

13188.0 XSG: Shanghai, China 1535z Jan 16, 2004 USB with traffic,
overpowered by station on 13189 [SN]

13189.0 -: QTH? 1620z Jan 16, 2004 USB Spanish simplex traffic
net [SN]

13197 UUI: OdessaRadio UKR 1328 USB ship-shore phonepatch in
Ukranian/RR YL with domestic background noises.
(06Mar04) (RGA)

13200.0 USAF AFA: 0722 USB weak Feb27 04 ML

13215 200176: USAF C-17 00-0176 2039 ALE/USB Sounding.
(26Feb04) (RGA)

13215 HAW: USAF wideawake AFB Ascension 2026 ALE/USB wkg
IKF/NAS Keflavik. Also JNR/Puerto Rico sounding.
(10Mar04) (RGA)

13224.0 Manus (Brazilian Air Force): 2140 USB w/aircraft (O/M
Portuguese). 26/02 RP3

13224.0 Manus: (Brazilian Air Force): 2140 USB w/aircraft (O/M
Portuguese). 26/02 RP3

13264.0 Shannon Volmet: 1437 USB w/wx. 22/02 RP3

13270 GANDER RADIO: VOLMET Gander NFLD CAN 1152 USB OM with
Canadian airfields forecasts. (03Mar04) (RGA)

13270.0 LH8414: Deutsche Lufthansa: 1230 hfd1 tfc to Hat
Yai, Thailand 26-Feb-04 (wp3) =20

13270.0 LH8443: Deutsche Lufthansa: 1132 hfd1 tfc to Hat
Yai, Thailand 26-Feb-04 (wp3) =20

13306.0 New York: (MWARA NAT-A): 1826 USB w/Reach 398 w/position
report. 25/02 RP3

13362.0 no call: ; unid CIS station 11:40 ISB/OQPSK/1280/1K4 no
decode 22/feb/04 (PPA)

13375 ---:E03 Lincolnshire Poacher Clandestine 1934 Fri
27 Feb 04 USB in 5 fig tfc (EB)

13375.4 no call: ; unid station 11:36 F1B/150/500 ciphered ACF=0
alsoobserved in the past on 2120.9 2233.4 3266.4 4453.4
6979.9 7600.9 7637.9 22/feb/04 (PPA)

13377 ---:E03 Lincolnshire Poacher Clandestine 1538
Mon 16 Feb 04 USB in 5 fig tfc groups twice (EB)

13390.0 unid: rus: 1125 81-81/40.5/500 26-Feb-04 (wp3)

13438 : Unid Bcast 1317 NATO-75/75/850 short and long blocked
messages. KG84 lead-ins. (06Mar04) (RGA)

13438.0 unid: (Nato?) 1121 unid 75/850
ryryryryryryrkjnd..... not baudot 26-Feb-04 (wp3) =20

13490 ---:Unident Russia Governement 1213 wed 03 Mar 04 81-81
40.5 encrypted (EB)

13490 : Russian Military 1259 81-81/40.5/500 cipher.
(06Mar04) (RGA)

13490.0 unid: rus: 1116 81-81/40.5/500 26-Feb-04
(wp3) =20

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13494.0 unid: rus: 1011 crowd36 selcall ? (same tones repeated several times) 26-Feb-04 (wp3) =20
13503.6 KWK96: (Dept of State): 1308 USB/ALE TO KMN94 (Dept of State, Ft. Lauderdale, FL). 23/02 RP3
13511 SAA: Karlskrona Radio, S 1209 USB/MIL-STD 188-110A serial tone modem, tfc. to HSMS Karlskrona, with current position off the Canary Islands (24Feb04) (LDO)
13511.0 SAA: Karlskrona Radio, S 1209 USB/MIL-STD 188-110A serial tone modem, tfc. to HMS Karlskrona, with current position off the Canary Islands (24Feb04) (LDO)
13512 CFH :Canadian forces metoc centre CANADA 1843 Tue 02 Mar 04 FAX 120/576 wind speed chart (EB)
13533 ---:E10 Mossad Israel 1744 wed 24 Feb 04 USB in 5 ltr traffic (gave END OF MESSAGES(PLURAL))(EB)
13533.0 E10: Mossad, Israel 09:00 USB "EZI EZI EZI..." 20/02 (SP1)
13539 : Unid 1257 UNID/200/470 ACF=0 encrypted.(06Mar04) (RGA)
13565.0 british mil cyp: ? 0946 unid 195.3/3*200 4 tones separated 200 hz speed 195,3 baud 26-Feb-04 (wp3) =20
13608 : Russian Military 1253 RUS-75/75/180 Cipher with Morse opchat. QRJ?; QRJ3 QRJ? K; R K. (06Mar04) (RGA)
13795 : Russian Military 1250 81-81/40.5/500 wkg 14830 or 13490? (06Mar04) (RGA)
13795.0 unid: rus: 0931 81-81/40.5/500 26-Feb-04 (wp3)
13845 ---:French forces Naqura Lebanon Military 1733 wed 25 Feb 04 ARQ-E 184.6 idling (EB)
13846 ---:French forces Djibouti Military 1836 Tue 02 Mar 04 ARQ-E3 100 idling very weak (EB)
13870.4 MfA Ankara: TUR 1501 ALIS-2/240,85Bd/128AC8h DE ANKARA/// 115 DAHIL AKNDERILDI... SIZDEN DE 216 DAHIL ILIBDI TKSLER.. (17/Feb/2004) (KK)
13882.5 DDK6: Hamburg Met 1814 FAX/120/576 Very clear chart. (04/Mar/04) (RH2)
13885 ADDISA: French Embassy Addis Ababa ETH 1858 ALE/USB Calls comms hub at Cairo/LECAIRE. (12Mar04) (RGA)
13885.0 RABAT: French Embassy Rabat, MRC 1346 USB ALE/MIL-188-141A clg CER11 MfA Paris, F (10/Mar/2004)(KK)
13886 : Moscow Meteo 0436 FAX/120/576 Crystal clear chart. (08/Mar/04) (RH2)
13886 : Moscow Met 1800 FAX/120/576 Crystal clear wx chart. (18/Feb/04) (RH2)
13886.0 Moscow Meteo: 0902 Fax chart "hydrometeorological centre of Russia; fixed time prognostic chart ; wind (km/h) temperatures (C,negative)chart for FL390 (200 HPA) valid for data time + 24h ; data time 00h UTC22.02.2004 " FAX 22/02 (PP1)
13907 CS9: US Customs COTHEN Remote Beaufort SC 1751 ALE/USB Sounds. Also PR1 S.Juan PR. (12Mar04) (RGA)
13907 M69: Unid US Customs 2031 ALE/USB Sounding. (26Feb04) (RGA)
13907 PR1: US Customs S.Juan PR 2054 ALE/USB Sounds. (10Mar04) (RGA)
13907.0 OBP: US-Customs 1547 USB ALE clg J15 (20/Feb/2004) (KK)
13907.0 CS9: US-Customs 1514 USB ALE clg D49 (20/Feb/2004) (KK)
13907.0 X60: US-Customs 1611 USB ALE snd (20/Feb/2004) (KK)
13910 ---:Unident --- 1727 wed 24 Feb 04 USB conversation in German poss LDOC (EB)
13914 VCT:Tors cove radio Newfoundland Canada Maritime 1725 wed 25 Feb 04 Globe marker (EB)
13939 VCT:Tors cove radio Newfoundland Canada Maritime 1724 wed 25 Feb 04 Globe marker (EB)
13940 VCT: GlobeRadio Tor's Cove NFLD CAN 1248 GLOBEDATA Idling. 13914 and 13162.4 outlets also audible. (06Mar04) (RGA)
13940.0 VCT: Tors Cove, Canada 1540z Feb 13, 2004 Pips and ARQ idle [SN]
13945 VCT:Tors cove radio Newfoundland Canada Maritime 1723

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- 13956.7 : Tunis Diplo 1735 FEC 5LG to unk. (09/Mar/04) (RH2)
- 13972 RS3: Prob Brazillian AF 1749 ALE/USB Sounding.
(12Mar04) (RGA)
- 13972 SA4: Poss Brazillian AF 2025 ALE/USB Sounds.
(10Mar04) (RGA)
- 13973.0 RC2PES: ICRC Peshawar, AFG 1418 P-II/100Bd msg to RC2MAZ
ICRC Mazar I`Sharif (16/Mar/2004)(KK)
- 13979.0 RC2KAB: ICRC Kabul 1348 P-II/100Bd 3 msg's to MB1TBI for
RC2HER ICRC Herat Sub's::FLT BOOKING / Asef Nikzad
salary / ARCS-M/KAD: VISIT (18/Feb/2004) (KK)
- 13983 VCT:Tors Cove radio Newfoundland Canada Maritime 1203
Wed 03 Mar 05 Globe marker (EB)
- 13983 VCT:Tors cove radio Newfoundland Canada Maritime 1720
Wed 25 Feb 04 Globe marker (EB)
- 13992.0 DD3718: [Not listed], D 1449 P-II/100Bd clg KZN508
Sailmail R3 Rock Hill #2 (10/Mar/2004)(KK)
- 13992.0 MKEW7: " CINNAMON OF SARK", G 1451 P-II/100Bd clg KZN508
"welcome to sailmail R3 Rock Hill #2" "MKEW7 de KZN508
QTC 1 msg 2983 char>" (10/Mar/2004)(KK)
- 13998.0 S5K5551: "KP-3551", SVN 1442 P-II/100Bd cnt KZN508
Sailmail R3 Rock Hill #1, SC USA (16/Mar/2004) (KK)
- 13998.0 WCV5671: "ATALANTA", USA 1221 P-I/200Bd clg KZN508
Sailmail R3 Rock Hill "WCV5671 de KZN508 QTC 4 msg 6693
cha;DF8664 DE KZN508 SK" (DF8664 = MOLA MOLA, D)
(20/Feb/2004) (KK)
- 14000.0 MOCHUELO: (Colombian telephone net): 0016 LSB/ALE TO 1901
(Colombian telephone net)--[AMD]DIAL0942371804. 28/02 RP3
- 14000.0 MOCHUELO: (Colombian telephone network): 1344 LSB/ALE TO
1901 (Colombian telephone network). 14/02 RP3
- 14068 ---:Russian civil (?)Russia Government 1124
Wed 25 Feb 04 81-81 continuous on-line encrypted tfc (EB)
- 14396.5 KNZ48: NTCN, CO: 1638 USB voice check-in
(25/FEB/04) (JLM)
- 14430.0 8WA53: Indian HICOM Colombo SLK 0620 RTTY 50/400 clg New
Delhi w/8WD87 DE 8WA53 figs QRK/3 & QRU (09Mar04) (ML2)
- 14465.0 TB4: AN 0103 USB SS TB4 calling "Q5" (YL op) for traffic
(10/02/04)(AJP)
- 14467.3 Hamburg Meteo: (DDH8): 2103 RTTY 50bd/450hz w/GE wx then
CQ CQ CQ DE DDH47 DDH9 DDH8 FREQUENCIES 147.3 KHZ 11039
KHZ 14467.3KHZ. 23/02 RP3
- 14467.3 Hamburg Meteo: 1800 RTTY 50bd/425hz. CQ DE DDH47 DDH9
DDH8 w/GE wx then WMO-formatted wx. 26/02 RP3
- 14470.0 CENTR2: (Romanian MFA, Bucharest): 1930 USB/ALE TO VRO
(unidentified Romanian embassy). Also noted on 16235.0.
27/02 RP3
- 14470.0 VRO: (unidentified Romanian Embassy): 1957 USB/ALE TO
CENTR2 (Romanian MFA, Bucharest). 25/02 RP3
- 14487 ---:E03 Lincolnshire Poacher Clandestine 1445 Tue
02 Mar 04 USB end of 5 fig tfc and tones (EB)
- 14493.5 CO1: US FBI KII50 Colombia SC 1951 ALE/USB Calls
QT1/Quantico VA. (26Feb04) (RGA)
- 14493.5 QT2: US FBI Quantico VA 1857 ALE/USB Calls ME1/FBI
Memphis TN. (03Mar04) (RGA)
- 14550 CO2: Rockwell Collins Net 1436 ALE/USB Sounds.
(28Feb04) (RGA)
- 14550 DT1: Rockwell Collins Net 1441 ALE/USB Calls ROC/R-C HQ
Iowa. (28Feb04) (RGA)
- 14569.0 SCLC521: (Communications Logistics Center, 512th Jungle
Inf Bn, Venezuelan Army): 1316 USB/ALE TO CLC52
(Communications Logistics Center, 52nd Jungle Inf Bde).
20/02 RP3
- 14575 RFGW/P6Z: French Ministry of Defence, Paris, F 1115
USB/STANAG 4285 FEC-bursts using THALES modem with 1200
bps & long interleaving, tfc to F-MIL attaché Riyadh/O6P,
cct ID: "RDH" (24Feb04) (LDO)
- 14575.0 RFGW/P6Z: French Ministry of def. Paris, F 1115
USB/STANAG 4285 FEC-bursts using THALES modem with 1200

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bps & long interleaving, tfc to F-MIL attach=E9
Riyadh/O6P, cct ID: "RDH" (24Feb04) (LDO)
14585.0 X4A: & A7Y, UNID (former INS frequency, but?): 1902 USB
ALE. K37 & M01 active here in USB ALE a few months ago
(20/FEB/04) (JLM)
14586 ---:French forces Ndjamena Chad Naval 1914 Fri 27 Feb 04
ARQ-E3 200 idling (EB)
14651.5 Birrete: AN 0154 USB SS Birrete sending msg to Abiótico.
Then Packet 1200bd (Zero-Crossing 1200/2400 Hz)
(02/03/04) (AJP)
14664.0 unid: rus: 1950 bee 36-50/190 26-Feb-04 (wp3)
14670 VHU:Ottawa time station Canada Government 1907
Fri 27 Feb 04 English and French announcements (EB)
14671.0 RABAT: (French Embassy, Rabat): 1944 USB/ALE TO
CER11(French MFA Paris). 18/02 RP3
14676.0 LPSS: ; CIS Military 11:48 CW Calling TMNL
22/feb/04 (PPA)
14700.0 STAT154: Tunisian MOI 1104 USB ALE/MIL-188-141A clg STAT2
P-II msg (01/Mar/2004) (KK)
14731.7 RFVI: FF Le Port REU 0945 ARQ-E3/192/400 Relays msg from
RFFTD: Centrans Vilacoublay 5LG to RFVITTA/Mayotte on ITT
cct. (20/Feb/04) (RH2)
14731.7 RFVI: FF Le Port REU 0951 ARQ-E3/192/400 Relays msg from
RFFIC: Marine Dipermil Paris Admin Msg/FF to AIG2133 &
multiple callsigns on ITT cct. (20/Feb/04) (RH2)
14731.7 RFVI: FF Le Port REU 0959 ARQ-E3/192/400 Relays msg from
RFFIC: Marine Dircomis Admin/Msg/FF to AIG2133 +
RFVITT/Mayotte & many callsigns on ITT cct.
(20/Feb/04) (RH2)
14812 BRA: MFA Bratislava SVK 1423 ALE/USB Sounds.
(28Feb04) (RGA)
14812.0 LCR154: (Polish Army): 1734 USB/ALE TO ETD165 (Polish
Army). 23/02 RP3
14830 : Russian Military 1238 81-81/40.5/460 Cipher.
(06Mar04) (RGA)
14925 ---:French forces Dakar Senegal Naval 1903 Fri 27 Feb 04
ARQ-E3 192 idling (EB)
14925.7 RFHJ: FF Papeete Tahiti OCE 0435 ARQ-E3/100/425 Idle/Sync
mode. (17Mar04) (BC3)
14926.7 RFHJ: FF Papeete PLY 1703 ARQ-E3/192/390 Betas. No
traffic in an hour. (13Mar04) (RGA)
14926.7 rftj: FF Dakar: 0855 arq-e3/192/356/8 idle
28-Feb-04 (wp3)
14927 ---:French forces Dakar Senegal Naval 1158 wed 03 Mar 04
ARQ-E3 192 idling (EB)
14931.0 8BY: (FR Intell): 2058 CW w/8BY 8BY 8BY 395 / 561 / 912 /
429 / 612 / 364 vvv. 23/02 RP3
15016 MCCLELLAN: 28-char EAM Bcast 1825 USB UTE4LT.
(21 Feb 04) (JH)
15021.0 unid: Nato? 1837 unid 75/850 rryryryryryrkjnd
26-Feb-04 (wp3) =20
15025 9V-SGB: Singapore Airlines A340 1520 HFDL Signs on.
(28Feb04) (RGA)
15025 A7-ACB: Qatar Airways A330 1431 HFDL Signs on.
(28Feb04) (RGA)
15025 AY2554: Finnair Flt 1447 HFDL At 3012N 01144W. Prob
OH-LBV. (28Feb04) (RGA)
15025 CO0021: Continental Flt 1446 HFDL At 4916N 05853W. Unid
aircraft. (28Feb04) (RGA)
15025 CO0029: Continental Flt 1308 HFDL At 5224N 00035W.
(14Mar04) (RGA)
15025 D-ALCB: Lufthansa Cargo MD11F 1520 HFDL Signs on.
(28Feb04) (RGA)
15025 D-ALCN: Lufthansa Cargo MD11F 1443 HFDL Signs on.
(28Feb04) (RGA)
15025 N29129: Continental B757 1752 HFDL Signs on.
(26Feb04) (RGA)
15025 N318TZ: American Transair B737-83N 1455 HFDL Signs on.

(28Feb04) (RGA)
15025 N320UP: UPS B767 Flt UP6711 1708 HF DL Signs on.
(26Feb04) (RGA)
15025 N332UP: UPS B767 Flt UP2955 1708 HF DL Signs on to ARINC
Reykjavik. (26Feb04) (RGA)
15025 N66056: Continental B767 Flt CO0051 1718 HF DL Signs on.
(26Feb04) (RGA)
15025 N75884: Continental B757 Flt CO1255 1746 HF DL At 3731N
07749W. (26Feb04) (RGA)
15025 N920FT: Pacific Air Cargo B747 1530 HF DL Signs on.
(28Feb04) (RGA)
15025 OH-LBO: Finnair B757 Flt AY2515 1425 HF DL Signs on. Las
Palmas-Helsinki. (28Feb04) (RGA)
15025 OH-LBT: Finnair B757 1718 HF DL Signs on from 5850N
02336E. (26Feb04) (RGA)
15025 OH-LBU: Finnair B757 Flt AY2364 1450 HF DL Signs on to
ARINC Reykjavik. (28Feb04) (RGA)
15025 UP6753: UPS Flt 1425 HF DL At 4518N 06426W. Unid aircraft.
(28Feb04) (RGA)
15025 VP-BDM: Aeroflot A319 1319 HF DL Signs on. Prob Flt
SU0118. (14Mar04) (RGA)
15025 VP-BWD: Aeroflot A320 1304 HF DL Signs on to ARINC
Reykjavik. (14Mar04) (RGA)
15025 VP-BWG: Aeroflot A319 Flt SU0107 1422 HF DL Signs on to
ARINC Reykjavik. (28Feb04) (RGA)
15025.0 Smasher: (US SouthCOM Flight watch): 1302 USB w/Evergreen
423 w/position report. 19/02 RP3
15034.0 CANF TRENTON: 1629 USB eng wx "edmonton..." Feb27 04 ML
15043 100459: USAF C-5 70-0459 1828 ALE/USB Calls ADW/Andrews
AFB MD who responds. (13Mar04) (RGA)
15043 100459: USAF C-5 70-0459 1835 ALE/USB Calling WRL/Warner
Robins AFB. (13Mar04) (RGA)
15043 AF7: USAF C20-C 85-0050 1846 ALE/USB Sounds.
(26Feb04) (RGA)
15043 JNR: NAS Salinas PR 1900 ALE/USB Calls ADW02/Andrews AFB.
(10Mar04) (RGA)
15043 PLA: USAF Lajes Field AZR 1810 ALE/USB Sounds. Also
ADW/Andrews ADW2/ Andrews? ICZ/Sigonella. JDG/Diego
Garcia JNR/Puerto Rico MPA/Mount Pleasant HAW/wideawake
OFF/Offutt. Good propagation. (10Mar04) (RGA)
15043 PLA: USAF Lajes Field AZR 1824 ALE/USB Calls ?/Unid with
[AMD] ROSADAINITWELL. (03Mar04) (RGA)
15043.0 ADW: Andrews AFB MD USA 1701 USB/ALE snd (23-feb-04)(MSM)
15043.0 ADW:Andrews AFB MD USA 1801 USB/ALE snd (23-feb-04)(MSM)
15043.0 E31604: (E-3B AWACS # 76-1604, Offutt): 2049 USB/ALE TO
OFF (Offutt AFB)- [AMD]CCCCD8,3393855NNNN 25/02 RP3
15043.0 HAW:USAF wideawake AFB Ascension 1816 USB/ALE snd
(23-feb-04)(MSM)
15056 LOR: AN Puerto Belgrano 1630 RTTY/75/170 5LG.
(04/Mar/04) (RH2)
15056.0 lor: AN Puerto Belgrano 2112 rtty 75/170
Feb-04 (wp3) =20
15091.0 JDGSPR: (Secure Information Protocol Router net, Diego
Garcia): 1837 USB/ALE sounding. Also noted sounding on
this new SIPR freq were Andrews; Lajes; Croughton;
McClellan; Offutt; Roosevelt Roads; and Sigonella.
17/02 RP3
15094 KGD34NCC: KGD34/US SHARES Master Coordination Stn
Arlington VA 1821 ALE/USB Sounding. (03Mar04) (RGA)
15708 FC8FEM: WGY908/US FEMA Region 8 Denver CO 1747 ALE/USB
Sounding. (19Feb04) (RGA)
15768 : Russian Military 1748 36-50/50/190 At least two msgs.
(13Mar04) (RGA)
15793.9 ---: Unid 1820 MFSK? 195.5/?? Four peaks
(15/02/04) (AJP)
15860 DT1: Rockwell Collins Net 1505 ALE/USB Calls CC1/Unid.
(28Feb04) (RGA)
15867 503: USCG Rescue 1053 (?) 1745 ALE/USB Sounding.

(19Feb04) (RGA)
15867 CS1: Unid US Customs 1751 ALE/USB Sounds. (13Mar04) (RGA)
15867 CS9: US Customs COTHEN Remote Beaufort SC 1828 ALE/USB Sounding. (10Mar04) (RGA)
15867 CS9: US Customs COTHEN Remote Beaufort SC 1829 ALE/USB. Sounds. Also D43 D14 and CS1. (13Mar04) (RGA)
15867 J19: Prob USCG HH-60J Helicopter No 6109 of CGAS Clearwater 1823 ALE/USB Sounding. Also X60/Unid CS9/Beaufort. (20Feb04) (RGA)
15867 UCG: US Customs Service Centre CAMSLANT Chesapeake 1759 ALE/USB Calls 503/ USCG Rescue 503 who responds. (13Mar04) (RGA)
15867.0 D69: Prob US Customs P-3 Orion?? 1730 ALE/USB snd (23-feb-04)(MSM)
15867.0 J37: unid prob. US Customs 1824 USB/ALE on US Customs QRG (23-feb-04)(MSM)
15867.0 Service Center: (US Customs): 1904 USB w/J26 (not heard-CG HH-60J # 6026 CGAS Elizabeth City) trying help J26 with receiver problems. 24/02 RP3
15867.0 Service Center: (US Customs): 2307 USB w/CG 15C (HH-60J # 6015 24/02 RP3
15920.0 cfh: CF Halifax 1850 rtty 75/850 naws de cfh zkr f1 2822 3287 4158 6254 8303 12380 16576 22182 ar 25-Feb-04 (wp3)=
15920.0 cfh: CF Halifax 1829 rtty 75/850 naws de cfh zkr f1 2822 4158 6254 8303 12380 16576 22182 ar 26-Feb-04 (wp3) =20
15921 LECAIRE: French Diplo Hub Cairo 1833 ALE/SUB wkg CER41/MFA Paris. Also on 14671. (20Feb04) (RGA)
15921 RABAT: French Embassy Rabat 1841 ALE/USB Calls CER11/MFA Paris (N.African Desk). (26Feb04) (RGA)
15921 RABAT: French Embassy Rabat 1905 ALE/USB Calls CER11/MFA Paris-N.African Dept. (10Mar04) (RGA)
15959.0 unid: 1848 unid 75/850 25-Feb-04 (wp3)
16060 DT1: Rockwell Collins Net 1525 ALE/USB Calls CO2/Unid. (28Feb04) (RGA)
16077.0 68: (unidentified): 1721 USB/ALE TO 99 (unidentified). 28/02 RP3
16077.0 G323: (unidentified): 1512 USB/ALE sounding. 19/02 RP3
16077.0 MVD1: (US Army Corps of Engineers, Mississippi Valley Division): 1246 USB/ALE sounding. 24/02 RP3
16077.0 SAMHF1: (Army Corps of Engineers, Mobile, AL): 2328 USB/ALE sounding. 28/02 RP3
16078.5 140TOC: (Tactical Operations Center) & G24594 (HeLo), US Army or NG: 2330 USB ALE (26/FEB/04) (JLM)
16078.5 293: DLA293 Ft Belvoir VA USA 1732 ALE/USB Sounding. (19Feb04) (RGA)
16084 LINC'S POACHER: Enigma E03 1745 USB OW with 5FGS. Call tune tone and offair. (20Feb04) (RGA)
16176.7 MFA Kairo: 1650 sitor-a tfc aa to unid emb. ends with yks yks 26-Feb-04 (wp3) =20
16251.6 unid: egypt Emb. 1455Sitor-ARQ/100Bd clg XBVF Egypt Embassy Madrid (11/Mar/2004)(KK)
16278.8 7rq20: MFA Algiers: 1432 coquelet 8 tfc from baghdad, then tfc to abu dhabi 26-Feb-04 (wp3) =20
16283.6 KMN94: (Department of State, Ft Lauderdale, FL[]): 1524 USB/ALE TO WNG811 (Department of State). 26/02 RP3
16283.6 KMN94: (US State Dept, Fort Lauderdale, FL): 1853 USB/ALE TO KRC83(US State Dept, probable Intelligence Branch). 19/02 RP3
16305.5 DKL: unid 1408 USB ALE/MIL-188-141A clg TWO [CMD (UUF mode in Hex)]: 7C 43 42 02 02 40 [CMD (CRC in Hex)]: 32EB (10/Mar/2004) (KK)
16305.5 DKL: unid 1406 USB ALE/MIL-188-141A clg THR [CMD (DBM mode, ACK request, BINARY)] after that [CMD (DBM mode, ACK request, 7-bit ASCII)] (10/Mar/2004)(KK)
16305.5 DKL: unid 1413 USB ALE/MIL-188-141A clg ONE [CMD (UUF mode in Hex)]: 7C 43 41 02 07 06 (10/Mar/2004)(KK)

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- 16320.0 BRAGGMIL110B: & WSMRMIL110B, US Army: 1343 USB ALE. These stations have also been using 7448.5 & 11446.5 USB ALE (25/FEB/04) (JLM) 228FWD & RCH133, US Military: 1345-1426 USB ALE (25/FEB/04)(JLM)
- 16324.7 RFTJD: FF Libreville GAB 1800 ARQ-E3/192/300 Poor synch. No traffic. (03Mar04) (RGA)
- 16332.0 "C": rus Navy Beacon 1619 cw 26-Feb-04 (wp3)
- 16346.7 kdakrfr: MFA Cairo 1635 ARQ Msg/AA to several Embs then Selcal XBVY/London. (09/Mar/04) (RH2)
- 16373.2 8WB4: Indian Emb Tehran 0740 RTTY 50/400 clg New Delhi w/8WD7 DE 8WB4 RYS QRU (08Mar04) (ML2)
- 16414.0 8WD7: MEA New Delhi 0735 RTTY 50/170 clg Tehran w/8WB4 DE 8WD7 RYS figs QRK? QRU (08Mar04)(ML2)
- 16606 : Brit Mil Cyprus 0525 MFSK/195.3/300. (21/Feb/04) (RH2)
- 16606 : Brit Mil Cyprus 1515 MFSK-4/195.3/300. (04/Mar/04) (RH2)
- 16649 ---:Unident --- Maritime 1549 Fri 27 Feb 04 Globe marker very weak (EB)
- 16725.5 UYDV: RKTS Nore Sodruvestwa 1412 RTTY/50/170 7 rather long telegrams to Sevastopol. Prob wkg URL/Sevastopol Radio. (06Mar04) (RGA)
- 16804.0 ---: SHIP PAWEL KUTAHOW 1036 RTTY 50/R/170 Tfc in 3sc via Murmansk (ship Pavel Koutakhov/UCTS?) (07/Mar)(DW)
- 16804.5 ---: SHIP UNID 1454 arq 100/E/170 selcals KPVQ. Wrong frequency (GMDSS Alert) for calling Bern/HEC (05/Mar)(DW)
- 16804.5 3EUM8: Panamanian Stellar Dream 1110 GMDSS RQs unid US MRCC (checksum error) for safety test. (01Mar04) (RGA)
- 16804.5 9HRF6: Maltese Ship Box New York 1231 GMDSS BQs safety check from 3FNH6/ Panamanian Ship Global Express No2. (01Mar04) (RGA)
- 16804.5 9MEA7: Malaysian Ship MT Alam Bitary 1349 GMDSS RQs USCG Boston MA USA for safety test. (01Mar04) (RGA)
- 16804.5 : Unid 0700 GMDSS Multiple Sigs over 5hrs - separate report; one Distress, ship sinking at 12.13N 119.12E. (01/Mar/04) (RH2)
- 16804.5 : Unid vessel 1047 GMDSS Makes routine call to OXZ/Lyngby with all-zero MMSI giving posn as 4359N 02914E. (01Mar04) (RGA)
- 16804.5 ELTY2: Liberian Vessel Port Said Senator 1210 GMDSS RQs OXZ/Lyngby for a safety check. (01Mar04) (RGA)
- 16804.5 ELUV4: Liberian Ship Atlantic Spirit 1345 GMDSS RQs CAMSLANT Chesapeake VA USA for a safety test. Then RQs Charville/wiluna AUS. (01Mar04) (RGA)
- 16804.5 EOIB: Ukranian Ship Geroi Shipki 1247 GMDSS RQs OXZ/Lyngby for safety test. (01Mar04) (RGA)
- 16804.5 LAXM5: Norwegian Ship Hual Trinity 1317 GMDSS RQs OXZ/Lyngby for safety test. (01Mar04) (RGA)
- 16804.5 MYNR7: UK Vessel Maersk Supporter 1158 GMDSS RQs MRCC Capetown SAF for safety check. (01Mar04) (RGA)
- 16804.5 NRV?: Honolulu? 1700 FEC "Fm Nima Navsafety Bethesda Md" Int. Navwarnings. (04/Mar/04) (RH2)
- 16804.5 P3US6: Cypriot Ship Panormos 1130 GMDSS RQs OXZ/Lyngby for safety test. (01Mar04) (RGA)
- 16804.5 S6IW: Singapore Ship Carmen 1117 GMDSS RQs routine safety test with OXZ/ Lyngby. (01Mar04) (RGA)
- 16804.5 SX9511: Greek Vessel Amigos Simenon 1200 RQs OXZ/Lyngby for safety check. (01Mar04) (RGA)
- 16804.5 SZRH: Greek Ship Mona Liza 1230 GMDSS RQs MRCC Lisbon for a safety check. (01Mar04) (RGA)
- 16804.5 TCEJ: Turkish Ship Burga Tomba 1100 GMDSS Calls invalid MSI 271002256 to RQ routine telephone call. (01Mar04) (RGA)
- 16804.5 UREC: Ukranian Ship Kredo 1337 GMDSS RQs Varna Radio/LZW for safety check. (01Mar04) (RGA)
- 16804.5 VQEV9: British Ship Sandra Blanca 1116 GMDSS RQs JRCC Piraeus for safety test giving frequency 20264.4 kHz then RQs MRCC Larnaca. (01Mar04) (RGA)
- 16806.5 NMF: USCG Boston MA USA 1651 FEC US East coast sea wx

fcast. (03Mar04) (RGA)
 16809 WLO:Mobile radio Alabama USA Maritime 1930 Tue 09 Mar 04
 CW/ARQ callband (EB)
 16819.5 NMN: CAMSLANT Chesapeake VA USA 1737 ARQ w/Morse ID.
 (20Feb04) (RGA)
 16830.5 SVO: Athens, Greece 1551z Jan 18, 2004 CW SVO ID [SN]
 16830.5 SVO: OlympiaRadio Athens 1711 CW Marker for ARQ.
 (12Mar04) (RGA)
 16833.5 UIW: KaliningradRadio 1801 ARQ Wkg UBIO & EURP in
 autotelex. (13Mar04) (RGA)
 16841.0 UFZ: Vladivostok 0026Z SITOR-A 100/170 Does not drop
 space tone between SITOR-A bursts; in tfc with ships.
 06/Mar/2004 (BM)
 16868 : Unid Globe Stn (?) 1537 GLOBEDATA (?) Unlisted.
 (14Mar04) (RGA)
 16886.0 TAH: (Istanbul Radio): 1452 CW/FEC markers. 19/02 RP3
 16899 XSG:Shanghai radio China Maritime 1411 Tue 09 Mar 04
 CW/ARQ callband (EB)
 16920 UVQ9: Unid 1643 CW UVQ9 SLV (listening) 16746. Nothing on
 16746. (03Mar04) (RGA)
 16945 9HD: Globe Malta 1735 GLOBEDATA Idling. (20Feb04) (RGA)
 16976 PWZ33: BN Rio 1900 RTTY/75/850 AAXX wx gps & wx/EE
 //12710.7 (21/Feb/04) (RH2)
 16976.0 PWZ-33: BN Rio 1454 PACTOR WX report in PP
 (22/02/04) (AJP)
 16979.9 PWZ33: BN RIO DE JANEIRO 1735 FAX 120/576/N/800
 weak/grainy outlines (08/Mar)(DW)
 16983.5 PWX: BN Rio 1755 RTTY/200/850 Nx/PP difficult to sync.
 (17/Feb/04) (RH2)
 16986 CTP: PN Oieras/Palhais PRO 1534 RTTY/75/850 QSX marker.
 (14Mar04) (RGA)
 17005.0 ---: Unid 1804 Crowd36 40 bd ? (23/02/04) (AJP)
 17054.7 MGJ: RN Faslane 1656 RTTY/75/850 Carbs. (12/Mar/04) (RH2)
 17066 A9M: Globe Hamala BHR 1528 GLOBEDATA Idling.
 (14Mar04) (RGA)
 17067 A9M:Hamala radio Bahrain Maritime 1539 Fri 27 Feb 04
 Globe marker (EB)
 17069.7 JJC: Kyodo Tokio 1530 FAX/60/576 JJ Newspaper //12745
 (08/Mar/04) (RH2)
 17146 URL:Sebastopol radio Russia Maritime 1520 Fri 27 Feb 04
 CW callband (EB)
 17146.4 NMG: USCG NEW ORLEANS 1851 FAX 120/576/N/800 48hr
 wind/wave fcst. 72hr fcst (08/Mar)(DW)
 17146.7 CBV: Valparaiso R 1818 FAX/120/576 Much clearer than
 usual. (04/Mar/04) (RH2)
 17146.8: CBV: Valparaiso R 1235 FAX/120/576 Poor chart but
 outlines fairly clear - very bad QRM fm URL/Sevastopol on
 17147. (01/Mar/04) (RH2)
 17147 URL: SevastopolRadio UKR 1633 CW CQ de URL ANS
 16669.5/22353 PSE QSO K. (03Mar04) (RGA)
 17147 URL:Sebastopol radio Ukraine Maritime 1047 wed 25 Feb 04
 CW reply freqs 16732.5/22355.5 (EB)
 17159 8PO:Barbados Radio Barbados Maritime 1044 wed 25 Feb 04
 GLOBE freq marker(EB)
 17205.8 IAR: Roma R 1757 CW 'VVV de IAR' (23/02/04) (AJP)
 17215.7 LOR: AN Pto. Belgrano 1744 RTTY 75/170 wx report
 andforecast //8303.0 (23/02/04) (AJP)
 17215.7 LOR: AN Puerto Belgrano 1715 RTTY/75/170 Nx/SS //15056
 (unusual freq!) (24/Feb/04) (RH2)
 17215.7 LOR: AN Puerto Belgrano 1811 RTTY/75/170 wx/SS.
 (18/Feb/04) (RH2)
 17228.7 ---: Unid AN Stn 1751 RTTY 75/850 5LG (23/02/04) (AJP)
 17234 V3FF de UIW:Kaliningrad radio Russia Maritime 1517
 Fri 27 Feb 04 CW callup only (EB)
 17236.4 UIW: KaliningradRadio 1714 CW QSS marker. Prob // 12690.
 (12Mar04) (RGA)
 17237.5 VCT: GlobeRadio Tor's Cove NFLD CAN GLOBEDATA Idling.
 also 17402.4 (03Mar04) (RGA)

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17239 PKX:Djakarta radio Indonesia Maritime 1339 Tue 09 Mar 04
CW callband (EB)

17239.7 PKX: (Jakarta Radio): 1331 CW DE PKX PX PTA4 QRU?
26/02 RP3

17308.0 Y/L: (RU): 1500 USB repeating 16426. 19/02 RP3

17312 X30: Unid 1758 ALE/USB Calls AHQ/Unid. (26Feb04) (RGA)

17327 Olympia radio:Olympia radio Greece Maritime 1041
wed 25 Feb 04 USB chanel nrs in English and Greek (EB)

17359 SVO: OlympiaRadio Athens 1531 USB QSX tape EE and Greek.
(14Mar04) (RGA)

17359 SVO: OlympiaRadio Athens 1636 USB YL with channels
listing in Greek and EE. (03Mar04) (RGA)

17360 Olympia radio:Olympia radio Greece Maritime 1038
wed 25 Feb 04 USB chanel nrs in English and Greek (EB)

17384 CPK:Santa Cruz Bolivia Maritime 1036 wed 25 Feb 04 ARQ
idling (EB)

17410.0 E10: Mossad, Israel 08:40 USB Message of letters
20/02 (SP1)

17441.5 5YE: Nairobi Met 1535 RTTY/100/850 RY/ID/CQ.
(11/Mar/04) (RH2)

17450 CO2: Rockwell Collins Net 1705 ALE/USB Sounds.
(04Mar04) (RGA)

17450 CO2: Unid Rockwell-Collins Net 1622 ALE/USB Sounding.
(21Feb04) (RGA)

17450 DT1: Unid Rockwell-Collins Net 1701 ALE/USB Sounding.
(21Feb04) (RGA)

17451.7 ---: EGYPTIAN DIPLO ? 1420 arq 100/E/170 Betas then irs
and 1505 some AA(ATU80) opchat. (19/Feb)(DW)

17458.5 CECOM: US Army Comms & Electronics Cmd Ft Monmouth NJ
1759 ALE/USB Calls CVTNGB/Unid US Army/NGB.
(26Feb04) (RGA)

17460 : Russian Military 1708 36-50/50/200 XXX in Morse then
3xT600 messages. (19Feb04) (RGA)

17460 : CIS Navrad 1226 36-50/50/240. (19/Feb/04) (RH2)

17460.0 RDL: CISM MOSCOW 1647 CW(F1A-250HZ) Idle on mark,
periodic "u" in cw. 1649 "xxx RDK 78857 91057 OBORSE 2826
3395 k." Burst of 50bd reversals, then tfc. Offair 1656z
(19/Feb)(DW)

17477 ALB: Unid 1552 ALE/USB Sounds. (28Feb04) (RGA)

17477 ALB: Unid 1732 ALE/USB Sounding. (04Mar04) (RGA)

17477.0 CER11: (FR MFA Paris): 1840 USB/ALE TO RABAT (FR Embassy,
Rabat). 26/02 RP3

17487.0 2543789619: (unidentified): 1625 USB/ALE TO WWJ82LNK
(unidentified-SHARES station). 18/02 RP3

17487.0 ASH: 0751 possible US fed c/salso ASH06 ALE/USB
18/02 (PP1)

17519 FC8FEM: WGY908:US FEMA Region 8 Denver CO 1748 ALE/USB
Sounds. (04Mar04) (RGA)

17551 ---:French forces Martinique Naval 1142 wed 03 Mar 04
ARQ-E3 192 idling (EB)

17925.0 O/M: (Caribbean EE): 1248 USB w/O/M (Caribbean EE). Out-
of-band activity. Heavily accented-hard to understand.
19/02 RP3

17940.0 Houston Radio: 1715 USB w/Air transat 149 (O/M Canadian
FF) in pp w/Air Transat Dispatch (Y/L Canadian FF) who
passes current wx conditions at Edmonton Alberta. Air
Transat 149 confirms he will be landing on runway 02 at
edmonton and his next stop will be Calgary.25/02 RP3

17940.0 Houston Radio: 1722 USB w/Gemini 709 who reports landing
at Sante Fe de Bogata (SKBO). 25/02 RP3

17940.0 O/M: (SS): 2144 USB w/aircraft (O/M SS) confirming
position report. Probably Iberia LDOC. 17/02 RP3

17967 N557TZ: American Transair B757 Flt TZ4368 Reports 5134N
00303W to ARINC Bahrain. (12Mar04) (RGA)

17967.0 ---: FLIGHT LH8440 1127 HFDL on usb. Posn 44.32N 29.25E.
Downlink to Bahrain. (20/Feb)(DW)

17970 0200: Italian GUARFI Net 1620 ALE/LSB Sounding.
(21Feb04) (RGA)

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17970 1000: Italian GUARFI Net 1702 ALE/USB Sounding.
(04Mar04) (RGA)

17973 ADWNPR: USAF NIPRNet Stn Andrews AFB MD 1645 ALE/USB
Sounding. (21Feb04) (RGA)

17976 HAWSPR: USAF SIPRNet Stn Ascension 1654 ALE/USB Sounds.
Also IKFSPR/NAS Keflavik. (04Mar04) (RGA)

17976 ICZSPR: USAF SIPRNet Stn Sigonella ITA 1629 ALE/USB
Sounds. (12Mar04) (RGA)

17976 JNRSPR: USAF SIPRNet Stn Puerto Rico 1625 ALE/USB
Sounding along with JDGSPR ADWSPR and IKFSPR.
(21Feb04) (RGA)

17976 JNRSPR: USAF SIPRNet Stn Puerto Rico 1625 ALE/USB
Sounding. (03Mar04) (RGA)

17976.0 ADWSPR: USAF ANDREWS 1151 MIL.STD 181-141A ALE on usb.
Sounding. (20/Feb)(DW)

17976.0 CROSPR: USAF CROUGHTON 1225 MIL.STD 181-141A ALE on usb.
Sounding. (20/Feb)(DW)

17976.0 HAWSPR: USAF ASCENSION 1225 MIL.STD 181-141A ALE on usb.
Sounding. (20/Feb)(DW)

17976.0 ICZSPR: USAF SIGONELLA 1258 MIL.STD 181-141A ALE on usb.
Sounding. (20/Feb)(DW)

17976.0 IKFSPR: USAF KEFLAVICK 1303 MIL.STD 181-141A ALE on usb.
Sounding. (20/Feb)(DW)

17976.0 JDGSPR: USAF DIEGO GARCIA 1303 MIL.STD 181-141A ALE on
usb. Sounding (20/Feb)(DW)

17976.0 JNRSPR: USAF ROOSEVELT ROADS 1233 MIL.STD 181-141A ALE on
usb. Sounding. (20/Feb)(DW)

17976.0 PLASPR: USAF LAJES 1206 MIL.STD 181-141A ALE on usb.
Sounding. (20/Feb)(DW)

17988 NMN: CAMSLANT Chesapeake VA USA 1700 ALE/USB calls
NMC/CAMSPAC Point Reyes CA. (19Feb04) (RGA)

17991.0 German Air Force 241: 2107 USB calling DH (rest missed).
23/02 RP3

17991.0 O/M: (accented EE): 1445 USB w/German Navy 171 (not
heard) w/wx for undisclosed location. 19/02 RP3

18003 150005: USAF C-5 85-0005 1603 ALE/USB Sounding.
(21Feb04) (RGA)

18003 200176: USAF C-17 00-0176 1730 ALE/USB Sounding.
(26Feb04) (RGA)

18003 280050: USAF C-17 87-0050 1536 ALE/USB Sounding.
(20Feb04) (RGA)

18003 490433: Unid USAF Aircraft 1620 ALE/USB calls
HAW/Ascension who responds. (03Mar04) (RGA)

18003 537992: Unid USAF Aircraft 1614 ALE/USB Wkg OFFUTT/Offutt
AFB NE. (12Mar04) (RGA)

18003 JNR: NAS Roosevelt Roads PR 1549 AL/USB Sounds along with
HAW JDG IKF OFF PLA. (21Feb04) (RGA)

18003.0 510315: 0832 USAF KC135 61-0315 97th AW calling
Ascension (HAW)USB/ALE 16/02 (PP1)

18003 ICZ: USAF Sigonella, Italy 1503 ALE / [TIS][ICZ][AL0]
[AMD] WAKE UP LITTLE LATIA (01/Mar/2004) (Anon)

18003 ICZ: USAF Sigonella, Italy 1433 ALE / [TIS][ICZ][AL0] [AMD]
WAKE UP LITTLE LATIA (01/Mar/2004) (Anon)

18003 ICZ: USAF Sigonella, Italy 1718 ALE / [SND][TWS][350225]
[AL0] (01/Mar/2004) (Anon)

18012.0 Circus Vert: (CFAP HQs, Villacoublay): 1725 USB w/COTAM
1032 who reports take off from Reunion w/10 crew & 30 pax
and 4 tons of cargo on 2 pallets. 25/02 RP3

18012.0 Circus Vert: (CFAP HQs, Villacoublay): 1815 USB w/Circus
Orange (Dakar) w/radio check. 25/02 RP3

18012.0 Circus Vert: (CFAP Hqs, Villacoublay): 1850 USB w/Circus
Dore (Djibouti) who will call back after COTAM 1861
(French Air Force) takes off. 24/02 RP3

18012.0 Circus Vert: (CFAP Hqs, Villacoublay): 1855 USB w/Circus
Orange (Dakar) who reports landing of COTAM 1864. Circus
Vert has trouble hearing Dakar and says he will try to
contact him via another method. 24/02 RP3

18012.0 FDE: VILLACOUBLAY FAF 0657 USB sked of the day

djibuti...Feb27 04 ML

18015.0 Unid: (Caribbean EE/unid lang): 1850 USB w/O/M (Caribbean EE/unid lang). Out-of-band activity. 25/02 RP3

18063.3 RC2JAL: ICRC Jalalabad, AFG 0540 P-II/100Bd cnt MB1TBI Mailbox Tbilisi, GEO MESSAGE #157728 from RC2PES ICRC Peshawar SUBJECT : FLIGHT PLAN RED-121 WEDNESDAY: 17.03.04 (16/Mar/2004) (KK)

18181.4 ---: MFA ALGIERS 1420 COQ/8 26.7/I/- Tfc in FF to Accra (20/Feb)(DW)

18183.4 ---: ALGERIAN EMB NIAMEY 1430 COQ/8 26.7/I/- Tfc in FF to Algiers (20/Feb)(DW)

18183.4 7RQ20: MAE Algiers 0830 COQ-8/26.67 Relay Msg./FF fm Ambalg Abuja. (14/Feb/04) (RH2)

18183.4 7RQ20: MAE Algiers 1744 COQ-8/26.67 Flash Msg//FF to Ambalg Sofia. (10/Mar/04) (RH2)

18183.4 MFA Alger: 13.57 COQUELET-8 transmitting to various embassys(21/feb/2004)(LAR)

18203.7 MFA kairo: 1101 sitor-a tfc aa to gsflys (Nairobi) 26-Feb-04 (wp3) =20

18257 1341: Egyptian Net 1653 ALE/USB Calls 1332. (13Mar04) (RGA)

18257.0 1202: EGYPTIAN B/GUARDS ?LOC 1326 MIL.STD 188-141A ALE on usb. C\ng 1204 [AMD] 9311?ysu{1204@@1204@@ } (13/Mar)(DW)

18257.0 1206: EGYPTIAN B/GUARDS ?LOC 1441 MIL.STD 188-141A ALE on usb. C\ng 120 (13/Mar)(DW)

18257.0 1206: EGYPTIAN B/GUARDS ?LOC 1458 MIL.STD 188-141A ALE on usb. C\ng 1203 (13/Mar)(DW)

18257.0 120: EGYPTIAN B/GUARDS ?LOC 1501 MIL.STD 188-141A ALE on usb. Sounding. (13/Mar)(DW)

18257.0 121: 0802 very active unid net with lots of callsigns (only thismorning 121;1216;1317;1367;1334;1361;1225;131) ALE/USB 18/02 (PP1)

18257.0 121: EGYPTIAN B/GUARDS ?LOC 1238 MIL.STD 188-141A ALE on usb. C\ng 1347 (13/Mar)(DW)

18257.0 121: EGYPTIAN B/GUARDS ?LOC 1502 MIL.STD 188-141A ALE on usb. Sounding. (13/Mar)(DW)

18257.0 1225: EGYPTIAN B/GUARDS ?LOC 1440 MIL.STD 188-141A ALE on usb. C\ng 1357 (13/Mar)(DW)

18257.0 1301: EGYPTIAN B/GUARDS ?LOC 1435 MIL.STD 188-141A ALE on usb. C\ng 1227 (13/Mar)(DW)

18257.0 1313: EGYPTIAN B/GUARDS ?LOC 1011 MIL.STD 188-141A ALE on usb. C\ng 1359. (15/Mar)(DW)

18257.0 1315: EGYPTIAN B/GUARDS ?LOC 1508 MIL.STD 188-141A ALE on usb. C\ng 1219 (13/Mar)(DW)

18257.0 131: EGYPTIAN B/GUARDS ?LOC 1509 MIL.STD 188-141A ALE on usb. C\ng 121 (13/Mar)(DW)

18257.0 1324: EGYPTIAN B/GUARDS ?LOC 1332 MIL.STD 188-141A ALE on usb. C\ng 1208. 1413z c\ng 1209 (13/Mar)(DW)

18257.0 1325: EGYPTIAN B/GUARDS ?LOC 1448 MIL.STD 188-141A ALE on usb. C\ng 1211 (13/Mar)(DW)

18257.0 1334: EGYPTIAN B/GUARDS ?LOC 1503 MIL.STD 188-141A ALE on usb. C\ng 1205 (13/Mar)(DW)

18257.0 1337: EGYPTIAN B/GUARDS ?LOC 1312 MIL.STD 188-141A ALE on usb. C\ng 1226 (13/Mar)(DW)

18257.0 1338: EGYPTIAN B/GUARDS ?LOC 1339 MIL.STD 188-141A ALE on usb. Sounding. (13/Mar)(DW)

18257.0 133: EGYPTIAN B/GUARDS ?LOC 1446 MIL.STD 188-141A ALE on usb. C\ng 1224 (13/Mar)(DW)

18257.0 1342: EGYPTIAN B/GUARDS ?LOC 1436 MIL.STD 188-141A ALE on usb. C\ng 1223 [AMD]7ZY (13/Mar)(DW)

18257.0 1344: EGYPTIAN B/GUARDS ?LOC 1456 MIL.STD 188-141A ALE on usb. C\ng 1325. 1503 c\ng 121 [AMD]8R11@@ [AMD] 8R116-1211211211211211211211@@1211 (13/Mar)(DW)

18257.0 134: EGYPTIAN B/GUARDS ?LOC 1506 MIL.STD 188-141A ALE on usb. C\ng 1236 (13/Mar)(DW)

18257.0 1357: EGYPTIAN B/GUARDS ?LOC 1442 MIL.STD 188-141A ALE on usb. C\ng 125 (13/Mar)(DW)

18257.0 1359: EGYPTIAN B/GUARDS ?LOC 1007 MIL.STD 188-141A ALE on

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usb. C1ng [TIS] 1204, weak RT, then 1009z c1sng [TWS]
with 1204. (15/Mar)(DW)

18257.0 1361: EGYPTIAN B/GUARDS ?LOC 1452 MIL.STD 188-141A ALE on
usb. C1ng 1363 (13/Mar)(DW)

18257.0 1363: EGYPTIAN B/GUARDS ?LOC 1452 MIL.STD 188-141A ALE on
usb. C1ng 1361 (13/Mar)(DW)

18257.0 1367: EGYPTIAN B/GUARDS ?LOC 1434 MIL.STD 188-141A ALE on
usb. Sounding. (13/Mar)(DW)

18314 LBO: US Army/NGB 1654 ALE/USB Calls HDH/Unid.
(19Feb04) (RGA)

18334.0 unid: rus 1557 crowd36 selcall or header (same
tones repeated several times) 26-Feb-04 (wp3)

18351.7 ---: EGYPTIAN DIPLO? 1753 arq 100/E/170 op chat in
AA(ATU80). Poor copy/fading thru 1805z (23/Feb)(DW)

18378.6 : Unid Egyptian Diplo 1312 ARQ ATU80 opchat 5LGs yks yks.
Offair. (20Feb04) (RGA)

18378.6 : Unid Egyptian Diplo 1346 ARQ SELCALs KKVZ/Kampala or
Madrid. Opchat; yks yks. Offair. (20Feb04) (RGA)

18380.2 ---: FF PARIS ? 1530 ARQ/E3 100/E/400 8rc. Poor sync.
Betas. No app tfc thru 1641z (20/Feb)(DW)

18396.0 RABAT: (FR Embassy Rabat): 1830 USB/ALE TO CER11(FR MFA
Paris). 26/02 RP3

18407.0 8WD14: MEA New Delhi 0900 RTTY 50/170 clg Beijing w/8WA23
DE 8WD14 figs & QRU (08Mar04 (ML2))

18503.7 atel: unid: 1504 pactor 200/155 encrypted tfc call
atel 25-Feb-04 (wp3) =20

18519 9HD: GlobeRadio Malta 1630 GLOBEDATA Idlers. Also 16945.
(03Mar04) (RGA)

18536 : NATO System 1311 NATO-75/75/850 Cipher. (20Feb04) (RGA)

18536 : Unid 1400 NATO-75/75/850 Blocked KG84 msgs. QSYd to
night frequency 10927 kHz at 1602z. (25Feb04) (RGA)

18536 : Unid NATO Bcast 1404 NATO-75/75/850 Blocked traffic
with KG84 headers and mainly short (test?) messages. //
8071. Goes to night frequencies at 1600z. 10927 // 4882.
Thanks to B for research on this bcast. (03Mar04) (RGA)

18536.0 unid: 1540 unid 75/850 rryryryryryr kjnd...but not
baudot 25-Feb-04 (wp3) =20

18571.5 : Tunis Diplo 1805 FEC RY's + opchat. (25/Feb/04) (RH2)

18571.5 : Tunis Diplo 1820 FEC 5LG + opchat. (17/Feb/04) (RH2)

18571.5 : Tunis Diplo 2045 FEC RY's & Opchat. (24/Feb/04) (RH2)

18594 501: Unid 1636 ALE/USB Sounds. (20Feb04) (RGA)

18594 CS1: Unid US Customs 1528 ALE/USB Sounding. Also
CS3/COTHEN Remote Oklahoma City and I55/Unid.
(20Feb04) (RGA)

18594 CS1: Unid US Customs 1609 ALE/USB Sounding.
(28Feb04) (RGA)

18594 CS3: US Customs COTHEN Remote Oklahoma City OK 1601
ALE/USB Sounds. (21Feb04) (RGA)

18594 F40: USCG HU-25 No 2140 CGAS Cape Cod 1615 ALE/USB
Sounding. (12Mar04) (RGA)

18594 J15: Prob USCG HH-60J Helicopter No 6105 (or 6115) of
CGAS Clearwater 1604 ALE/USB Sounds. (20Feb04) (RGA)

18594 T85: Unid US Customs 1646 ALE/USB Sounds. (19Feb04) (RGA)

18594 X60: Unid US Customs 1613 ALE/USB Calls OPB/Unid.
(20Feb04) (RGA)

18614 VCT: Globe Tor's Cove NFLD CAN 1310 GLOBEDATA Idling.
(20Feb04) (RGA)

18666 CL1: US FBI KQC77 Cleveland OH 1738 ALE/USB wkg OM2/Omaha
NE ? (26Feb04) (RGA)

18757 RFGW: MFA Paris 0900 FEC-A/192/380 Idling for 30 mins;
prob waiting for comms with N2G/San'a as usual this freq
and time. (20/Feb/04) (RH2)

18757 RFGW: MFA Paris 1630 FEC-A/192/400 Idling for 15 mins.
(11/Mar/04) (RH2)

18757 RFGW: MFA Paris 1714 FEC-A/192/400 Idling for 10 mins -
prob. trying for N2G./San'a. (04/Mar/04) (RH2)

18788.9 : Unid 1515 OMFSK/195.3/800 2 channels. (14Mar04) (RGA)

18822.5 UDK2: MurmanskRadio 1758 ARQ w/Morse ID. (13Mar04) (RGA)

- 18868.5 8PO: Globe Bridgetown BRB 1308 GLOBEDATA In traffic.
(20Feb04) (RGA)
- 19036.4 ---: ALGERIAN EMB ADDIS ABABA 1500 COQ/8//26.7bd Tfc in
FF (03/Mar)(DW)
- 19036.4 ---: MFA ALGIERS 1500 COQ/8//26.7bd Tfc in FF
(03/Mar)(DW)
- 19043 172: Prob E.Asian Net 1601 ALE/USB Sounding.
(12Mar04) (RGA)
- 19048.7 ---: FF PARIS? 1215 ARQ/E3 192/E/400 8rc. Betas. Intmtnt
sync. No app tfc thru 1350z (29/Feb)(DW)
- 19216.7 ---: FF FT DE FRANCE 1544 ARQ/E3 192/E/400 8rc. Betas. No
tfc thru 1725z (29/Feb)(DW)
- 19216.7 RFLI: FF Fort de France MRT 1305 ARQ-E3/192/400 Good
signal. No synch. Prob ARQ lockup. (20Feb04) (RGA)
- 19231.7 ---: EGYPTIAN EMB ALGIERS 1222 arq 100/E/170 Tfc to "71"
in 5 char grps - mix of figs/letters(A-F) (08/Mar)(DW)
- 19636 KHARTOUM: French Embassy Khartoum 1604 ALE/USB Calls
Cairo/LECAIRE. (03Mar04) (RGA)
- 19636 LECAIRE: French Diplo Hub Cairo 1434 ALE/USB Works
Khartoum embassy then CER41/MFA Paris. Also using 18396.
(20Feb04) (RGA)
- 19636.0 RABAT: (French Embassy Rabat Morocco): 1816 USB/ALE TO
CER11 (French MFA Paris). 16/02 RP3
- 19709 ERM?: Brasil Navrad 1452 ALE/USB ERM (?) to EGG & EGM
Naval ships?? RP3? AJP? (08/Mar/04) (RH2)
- 19709.0 ERMBEL: (Brazil Navy Radio, Belem): 1121 USB/ALE TO CVI
(Brazil Navy corvette "Inhauma", V-30). 17/02 RP3
- 19945 MAE: MFA Algiers 1533 ALE/USB 1533 Calls BKO/Bakamo
embassy. (21Feb04) (RGA)
- 19945 MAE: MFA Algiers 1613 ALE/USB calls NKT/Algerian
Embassy:Nouakchott MTN who responds. (19Feb04) (RGA)
- 19945.0 MAE: Ministere des Aff. Etrangères Alger 1325 USB
ALE/MIL-188-141A clg BKO Bamako [CMD (UUF mode in Hex)]:
7C 43 41 02 34 10 [CMD (CRC in Hex)]: E353
(10/Mar/2004)(KK)
- 19945.0 MAE: Ministere des Aff. Etrangères Alger 1340 USB
ALE/MIL-188-141A clg ADZ Agadez [CMD (UUF mode in
Hex)]: 7C 43 41 01 34 00 [CMD (CRC in Hex)]: E736
(10/Mar/2004)(KK)
- 19958.0 LECAIRE: French Emb. Le Caire, EGY 1216 USB
ALE/MIL-188-141A clg CER41 MFA Paris, F
(15/Mar/2004) (KK)
- 19977.0 AMM: UK Mil/Diplo Amman, JOR 1122 USB ALE/MIL-188-141A
snd (06/Mar/2004) (KK)
- 19981.7 : Unid Egyptian Diplo 1258 ARQ IRS; hkjk kdm yks yks.
Offair. (20Feb04) (RGA)
- 20036.7 ---: EGYPTIAN EMB DAKAR 1037 arq 100/E/170 Tfc in
AA(ATU80). S/off 1042z (10/Mar)(DW)
- 20047.9 S: CISN ARKHANGELSK 1608 CW Single letter [S] hf beacon
(18/Mar)(DW)
- 20050 TARABOSHI: Albanian MOI Taraboshi 1525 ALE/USB Calls
SHEBINIKU/MOI Shebeniku. (21Feb04) (RGA)
- 20126.7 ---: MFA CAIRO 1137 arq 100/E/170 In irs mode. Loss of
qso and selcalls (KKXE/Luanda or Lusaka?). S/off 1207z
(10/Mar)(DW)
- 20268.0 RDL: CISN MOSCOW 1525 CW (F1A-250HZ) Two msgs eg "RDL RDL
80091 93124 KRDL KRDL 71373 43851" etc and F1b 36bd
reversals. (17/Mar)(DW)
- 20452.0 MAE: MFA Algier,ALG 1432 USB ALE/MIL-188-141A clg BKO
Alg. Consul. Bamako (18/Feb/2004) (KK)
- 20507.1 1702: IRGC 1606 P-I/200Bd/Ham-Mod clg LP:610 (=1610)
ASCII msg, confirms 20505 usb (27/Feb/2004) (KK)
- 20602.0 KUW: UK Mil/Diplo Kuwait 1042 USB ALE/MIL-188-141A snd
(12/Feb/2004) (KK)
- 20613 : UNID Swiss embassy, 1118 USB/MIL-STD 188-141A/MIL-STD
188-110A serial tone, crypto tfc. to Bern, ALE with
linking protection (06Mar04) (LDO)
- 20613.0 no-call: UNID Swiss embassy, 1118 USB/MIL-

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STD188-141A/MIL-STD 188-110A serial tone, crypto tfc. to Bern, ALE with linking protection(06Mar04) (LDO)

20616.0 LECAIRE: French Emb. Le Caire, EGY 1232 USB ALE/MIL-188-141A clg CER41 MFA Paris, F (15/Mar/2004) (KK)

20631 491711: USAF KC-10 79-1711 1339 ALE/USB First calls ADW/Andrews then HAW/wideawake. (20Feb04) (RGA)

20631 MPA: USAF Mount Pleasant FLK 1709 ALE/USB Sounding. (28Feb04) (RGA)

20665.0 : FAPSI 0910 RTTY 75/500 5LG, link 30044 (01Mar04) ML2)

20678.0 R26297: UH-60L 90-26297 1114 USB ALE/MIL-188-141A snd (12/Feb/2004) (KK)

20678.0 R26301: UH-60L 90-26301 1204 USB ALE/MIL-188-141A snd (12/Feb/2004) (KK)

20678.0 T82: 82nd Airborne Division Fort Bragg/Simmons AAF 1129 USB ALE/MIL-188-141A snd (12/Feb/2004) (KK)

20726.0 ---: Unid 2300 some type of PSK. Strong signal (23/02/04)(AJP)

20726.0 Unid: 2300 Piccolo MK6 6 tones separation 20Hz, wide 100Hz strong signal (06/03/04) (AJP)

20797 RABAT: French emb. Rabat, MRC 1027 USB/MIL-STD 188-141A clng. CER11 [=Paris] (08Mar04) (LDO)

20797.0 RABAT: French emb. Rabat, MRC 1027 USB/MIL-STD188-141A clng. CER11 [=Paris] (08Mar04) (LDO)

20810.6 KWB57: (Dept of State/Intel): 1440 USB/ALE sounding. 23/02 RP3

20810.6 KWB57: (Dept of State/Intell, wash DC): 1926 USB/ALE sounding. 28/02 RP3

20887.0 8WD6: MEA New Delhi 1000 RTTY 50/170 clg Port Louis w/8WB3 DE 8WD6 RYS figs QRK? QRU (08Mar04) (ML2)

20890 720: USGC HC-130H CGAS Clearwater 1524 ALE/USB Calls UCG/US Customs Service Centre CAMSLANT Chesapeake VA. (03Mar04) (RGA)

20890 CS9: US Customs COTHEN Remote Beaufort SC 1414 ALE/USB Sounds. (20Feb04) (RGA)

20890 CS9: US Customs COTHEN Remote Beaufort SC 1452 ALE/USB Sounds. (21Feb04) (RGA)

20890 D31: Unid US Customs 1658 ALE/USB Sounding. (28Feb04) (RGA)

20890 D95: Prob US Customs Orion Aircraft 1353 ALE/USB Sounds. (20Feb04) (RGA)

20890.0 707: HC130H7 #1707 CGAS Kodiak 1410 USB ALE/MIL-188-141A snd (27/Feb/2004) (KK)

20906.0 JIGNGB: (unidentified Nat'l Guard Bureau): 1415 USB/ALE sounding. Also noted sounding on 12087.0. 13/02 RP3

20908.5 MIKE: unid pol. 0953 USB ALE clg MIKE1A (23/Feb/2004) (KK)

20908.5 SMOK: unid pol. 0855 USB ALE clg MIKE (22/Feb/04)(KK)

20908.5 SMOKE: unid pol 1204 USB ALE/MIL-188-141A clg MIKE3 (06/Mar/2004) (KK)

20908.5 TANGO: unid pol. 0914 USB ALE/MIL-188-141A clg MIKE (27/Feb/2004) (KK)

20908.5 WYJ: unid pol. 0900 USB ALE clg SMOK (22/Feb/2004)(KK)

20943.6 DLI: UN Dili, Timor-Leste 1503 P-I/100Bd clg from unid (pos. Geneve, SUI) P-III msg (25/Feb/2004) (KK)

20965.0 9048.0: VLX33/RFFUED: French AF Orleans, F 1302 USB +BAUDOT 75Bd/400Hz, tfc to RIFTN (24Feb04) (LDO)

20965.5 BRAGGMIL110B: Bragg BCo 1637 USB ALE/MIL-188-141A clg WSMRMIL110B ???white Sands Missile Range (24/Feb/2004) (KK)

21931 ARINC-04: Riverhead NY 1544 HF DL Solid squitters - no traffic. (28Feb04) (RGA)

21931 N75854: Continental B757 1547 signs on to ARINC Riverhead NY USA. (28Feb04) (RGA)

21949 D-ALCB: Lufthansa Cargo MD11F 1557 HF DL signs on to ARINC Johannesburg. (28Feb04) (RGA)

21982 3B-NBH: Air Mauritius A319 'Blue Bay' 1346 HF DL signs on to ARINC Al Muharraq. (12Mar04) (RGA)

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- 21982 3B-NBH: Air Mauritius A319-100 "Blue Bay" 1319 HF DL Signs on to Al Muharraq. (Ex D-AVWF). 21982 A7-ACC: Qatar Airways A330 1333 HF DL Signs on. Confirms ICAO ID 780560. (03Mar04) (RGA)
- 21982 A7-ACC: Qatar Airways A330 Flt QR0001 1342 HF DL At 3905N 03027E. (12Mar04) (RGA)
- 21982 CN-RNX: Royal Air Maroc A321-200 Flt AT0770 1339 HF DL Signs on. ICAO ID 2A0040. (03Mar04) (RGA)
- 21982 D-ALCB: Lufthansa Cargo MD11F 1337 HF DL Signs on. (12Mar04) (RGA)
- 21982 D-ALCG: Lufthansa Cargo MD11F Flt LH8419 1344 HF DL At 2732N 05354E. (21Feb04) (RGA)
- 21982 D-ALCM: Lufthansa Cargo MD11F 1412 HF DL Signs on. (12Mar04) (RGA)
- 21982 G-VGOA: Virgin Atlantic A340 'Indian Princess' 1411 HF DL Signs on. (12Mar04) (RGA)
- 21982 I-VLEH: Volare A330 1409 HF DL Signs on. (12Mar04) (RGA)
- 21982 N12114: Continental B757-224 Flt CO0748 1325 HF DL Signs on. ICAO ID 805A05. (03Mar04) (RGA)
- 21982 N924FT: Pacific Air Cargo B757 1234 HF DL Signs on. (03Mar04) (RGA)
- 21982 OH-LBO: Finnair B757 1400 HF DL Signs on. (21Feb04) (RGA)
- 21982 OH-LBR: Finnair B757 Flt AY1910 1416 HF DL At 3608N 03049E. (12Mar04) (RGA)
- 21982 OH-LBX: Finnair B757 Flt AY2553 1326 HF DL Reports 2857N 01336W to ARINC Al Muharraq. (21Feb04) (RGA)
- 21982 QR0018: Qatar Airways A330 1242 HF DL Reports 4314N 02519E. ICAO ID is 780560 but unid so far. Very probably A7-ACC. (03Mar04) (RGA)
- 21982 VP-BAY: Aeroflot B767 Flt SU0528 1223 HF DL Reports 5559N 05319E to ARINC Al Muharraq. (03Mar04) (RGA)
- 21982 VP-BAY: Aeroflot B767 Flt SU0576 1327 HF DL Reports 5732N 03844E to ARINC Al Muharraq. (12Mar04) (RGA)
- 21982 VP-BAZ: Aeroflot B767 Flt SU0321 1226 HF DL Signs on. (03Mar04) (RGA)
- 21982 VP-BAZ: Aeroflot B767 Flt SU0528 1331 HF DL At 5608N 03737E. (12Mar04) (RGA)
- 21982 VP-BDO: Aeroflot A319 1339 HF DL Signs on. (12Mar04) (RGA)
- 21982 VP-BWG: Aeroflot A319 Flt SU0107 1348 HF DL Signs On. (12Mar04) (RGA)
- 21982 VP-BWG: Aeroflot A319 Flt SU0126 1330 HF DL Signs on and reports 5556N 03738E. Moving SW. (21Feb04) (RGA)
- 21982 VP-BWJ: Aeroflot A319-111 Flt SU0203 1335 HF DL At 5558N 03725E. ICAO ID 7A8002. Ex D-AVYU. (12Mar04) (RGA)
- 22015 172: Prob E.Asian Net 1409 ALE/USB Sounding. (12Mar04) (RGA)
- 22376.0 NMO: (CG Honolulu HI): 2100 FEC w/wx forecasts for Central Pacific areas. 17/02 RP3
- 22380.5 CBV: Chilean Ny 1849 SITOR wx South Pacific SS/EE (15/02/04) (AJP)
- 22388 NMN:USCG Chesapeake USA Maritime 1708 wed 24 Feb 04 CW/ARQ marker (EB)
- 22389.5 NMN: CAMSLANT Chesapeake VA USA 1547 ARQ w/Morse ID. Also audible on 16819.5 (03Mar04) (RGA)
- 22461.4 8PO: Globe Bridgetown BRB 1549 GLOBEDATA Idling. (03Mar04) (RGA)
- 22542 JJC: Kyodo Tokio 0725 FAX/120/576 Clear readable News paper in EE! (13/Mar/04) (RH2)
- 22571.5 UFL: Vladivostok R 0800 FEC tfc list & exchange rates (15Mar04) (ML2)
- 22744.0 Olympia Radio: 1418 USB w/GR/EE freq schedules. 19/02 RP3
- 22854 CPK:Santa Cruz Bolivia Maritime 1650 wed 25 Feb 04 Globe marker (EB)
- 23006.0 LECAIRE: French Emb. Le Caire, EGY 1225 USB ALE/MIL-188-141A clg CER41 MfA Paris, F (15/Mar/2004) (KK)
- 23214 CS9: US Customs COTHEN Remote Beaufort SC 1244 ALE/USB

- 23214 Sounds. (20Feb04) (RGA)
- 23214 F33: USCG HU-25C No 2133 1400 ALE/USB Sounds. PR1/S.Juan PR also. (21Feb04) (RGA)
- 23214 PR1: US Customs S.Juan PR 1508 ALE/USB Sounds. Also CS9/COTHEN Remote Beaufort SC. (19Feb04) (RGA)
- 23214 UCG: US Customs Service Centre CAMSLANT Chesapeake 1513 ALE/USB wkg F33/USCG HU-25C No 2133. (19Feb04) (RGA)
- 23337 280053: USAF C-17 98-0053 1513 ALE/USB Sounding. (19Feb04) (RGA)
- 23337 ADW: USAF Andrews AFB MD 1403 ALE/USB Sounds. Weak. (21Feb04) (RGA)
- 23337 HAW: USAF Wideawake AFB Ascension 1401 ALE/USB Sounds. (12Mar04) (RGA)
- 23337 ICZ: USN NAS Sigonella ITA 1500 ALE/USB Sounding. (19Feb04) (RGA)
- 23337 PLA: USAF Lajes Field AZR 1214 ALE/USB Sounds. Also MPA JNR and others. (20Feb04) (RGA)
- 23337.0 HAW: wideawake AFB Ascension 1711 ALE/USB snd (23-feb-04)(MSM)
- 23337.0 PLA:USAF Lajes Filed Azores AFB 1713 ALE/USB snd (23-feb-04)(MSM)
- 23370 PLA: USAF Lajes Field AZR 1403 ALE/USB sounding along with JNR/NAS Salinas PR. (03Mar04) (RGA)
- 24268 KUW: UK Military Kuwait 1335 ALE/USB Sounds. (21Feb04) (RGA)
- 24526 FR5FEM: US FEMA Region 5 Battle Creek MI 1427 ALE/USB Sounding. (19Feb04) (RGA)
- 24740 309: US DLA 309 Defense Logistics Agency Battle Creek MI 1440 ALE/USB Sounding. (19Feb04) (RGA)
- 25055 KHARTOUM: French Embassy Khartoum 1118 ALE/USB calls Diplo Comms Hub Cairo (LECAIRE). (03Mar04) (RGA)
- 25186 KUW: UK Military Kuwait 1350 ALE/USB Sounding. (19Feb04) (RGA)
- 25301 ADDISABEB: French Embassy Addis Ababa ETH 1329 ALE/USB Calls LECAIRE/ Cairo comms hub. (12Mar04) (RGA)
- 25301 BM3: Unid French Diplo 1131 ALE/USB Calls LEC/Cairo Hub Stn. (03Mar04) (RGA)
- 25350 706: Unid US Customs 1348 ALE/USB Sounds. (21Feb04) (RGA)
- 25350 CS1: Unid US Customs 1417 AEL/USB Sounding. Also I54/unid. (19Feb04) (RGA)
- 27870 HAWSPR: USAF SIPRNet Stn Ascension 1258 ALE/USB. Sounding. (03Mar04) (RGA)
- 27870 JDGSPR: USAF SIPRNet Diego Garcia BIOT 1436 ALE/USB Sounding. (19Feb04) (RGA)
- 27870 JDGSPR: USAF SIPRNet Node Diego Garcia BIOT 1337 ALE/USB Sounds. (12Mar04) (RGA)

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\\\\\\\\\\	An Electronic Club Dealing Exclusively in Utility Stations	\\\\\\\\\\
\\\\\\\\\\	WUNNEWS Vol 10: Issue 4, April 2004	\\\\\\\\\\

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E lectronic Editor. (blmid@freeuk.com)
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>From your Electronic Editor:

* welcome to another issue of the single largest source of utility station information and the most widely quoted utility station publication in the world...the WUN Newsletter.

WHAT'S INSIDE:

- o Digital Review by Day Watson
- o Nautical News by Robert Maskill
- o Numbers & Oddities by Ary Boender & Chris Smolinski
- o Utility Round-up by Ary Boender
- o WUN Logs Column by Eddie Bellerby & TEAM LOGS

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- Editor: Day Watson E-mail: jdwatson@blueyonder.co.uk
- Nickname on IRC channel #monitor DayW

Hi digi WUNners

- The menu
- Aero Aircraft with HF-DL
 - Met Australian Bureau Of Meteorology fax broadcasts
 - DDA64 Offenbach
 - Misaki Fisheries FAX update
 - Northwood FAX to Gulf
 - Military French Navy ship RIS
 - Special African AFTN from the archives
 - Techi Tips COMport provision on the laptop

>>....Aero.....>

::: Aircraft with HF-DL

As a reminder, and thanks to it's author Ralf Kloth, those intested in monitoring the aero scene with HF-DL will be pleased to know of the growing and amended list of aircraft (~330 entries) on

<http://www.kloth.net/radio/icao24list.php>

Many thanks also to Ralf who, over a number of years, has provided the monitoring enthusiast with many useful lists on his webpage.

>>....Met.....>

::: Australian Bureau Of Meteorology (BOM) fax broadcasts.

The following is an update on the Australian Bureau of Meteorology's weather facsimile service. Originating in BOM HQ Melbourne transmissions are made via sites in Charleville, Queensland /VMC, and Wiluna, West Australia /VMW.

Frequencies are as follows:

Freq	Tx	On-air
2628	VMC	0900-1900
5100	VMC	H24
5755	VMW	1100-2100
7535	VMW	H24
10555	VMW	H24
11030	VMC	H24
13920	VMC	H24
15615	VMW	H24
18060	VMW	2100-1100
20469	VMC	1900-0900

Transmitters are reported as being 1KW. Fax transmissions use the WMO standards of 120rpm, IOC 576 and shift of +/-400Hz.

The current transmission schedule follows.

Time(z)	VT(z)	Product
0015		Schedule part1
0030		Schedule part2
0045		VMC/VMW info bulletin
0100		IPS recommended frequencies for Charleville/VMC
0130		IPS recommended frequencies for Wiluna/VMW
0200	0000	Australian MSLP 24hr prog
0215	1800	Asian sig wx prog
0230		Asian current warnings summary
0245	0000	Australian MSLP anal
0300	0000	Australian 500hPa anal
0315		Voice broadcast info for Wiluna/VMW
0300	1200	Asian sig wx prog
0400	0000	Australian 500hPa 24hr prog
0430		SE Australia sea surface isotherms (weekly)
0445		SE Australia 250 metre isotherms (weekly)
0500		SW Australia sea surface isotherms (weekly)
0600	0000	Asian gradient level wind anal (part A)
0623	0000	Asian gradient level wind anal (part B)
0645		Asian MSLP anal
0715	0000	Australian sig wx prog
0730	0000	Indian Ocean MSLP anal
0745	0000	Australian wind waves ht 24hr prog
0800	0000	Australian swell waves Ht 24hr prog
0815		Asian current warnings summary
0830	0000	S Pacific MSLP anal
0845	0600	Australian MSLP anal

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0903	0000	Asian 200hPa streamline anal
0923	0000	Asian 500hPa streamline anal
0941	0000	Asian 700hPa streamline anal
1000	1800	Asian sig wx prog
1015	0000	Casey eastern and western high seas 24hr prog
1030	0000	Southern hemisphere 500 hPa 48hr prog
1045	0000	Southern hemisphere MSLP 48hr prog
1100	0000	Casey eastern and western high seas 36hr prog
1115	0000	South hemisphere 500 hPa anal
1130		Asian sea surface temp anal (weekly)
1145		VMC/VMW info bulletin
1200	1200	Australian MSLP 36hr prog
1215		Schedule part 1
1230		Schedule part 2
1245	1200	Indian Ocean MSLP 36hr prog
1300	0600	Australian sig wx prog
1315	0000	S Pacific total waves 48hr prog
1330	0000	Indian Ocean total waves 48hr prog
1345		Pacific Ocean sea surface temps (weekly)
1400		Indian Ocean sea surface temps (weekly)
1415	0000	Casey eastern and western high seas 48hrs prog
1430	1200	Australian MSLP anal
1445		Asian current warnings summary
1500	1200	Australian 500 hPa anal
1515	1200	Australian MSLP 36hr prog
1530	0000	Asian Sig wx prog
1600	1200	Australian 500hPa 24hr prog
1630		IPS recommended frequencies for Charleville/VMC
1700		IPS recommended frequencies for Wiluna/VMW
1800	1200	Asian gradient level wind anal Part A
1823	1200	Asian gradient level wind anal Part B
1900	1200	Australian sig wx prog
1915	1200	Indian Ocean MSLP anal
1930	1200	Australian wind waves Ht 24hr prog
1945	1200	Australian swell waves Ht 24hr prog
2000	1200	S Pacific MSLP anal
2015	1200	Casey eastern and western high seas 24hr prog
2030	1800	Australian MSLP anal
2045		Asian current warnings summary
2100	1200	Asian 200 hPa streamline anal
2120	1200	Asian 500 hPa streamline anal
2140	1200	Asian 700 hPa streamline anal
2200	0600	Asian sig wx prog
2215	1200	Casey eastern and western high seas 36hr prog
2230	1200	Southern hemisphere 500hPa 48hr prog
2245	1200	Southern hemisphere MSLP 48hr prog
2300	1200	Southern hemisphere 500 hPa anal
2315	1200	Casey eastern and western high seas 48hr prog
2330	0000	Australian MSLP 36hr prog
2345	1200	Indian Ocean MSLP 48hr prognosis

anal analysis
 prog prognosis
 MSLP Mean sea level pressure.

In addition to the above the Bureau of Meteorology has another FAX broadcast from Casey/VLM at the Antarctic Meteorological Centre at Casey in the Antarctic. This broadcast is on the single frequency of 7470 kHz and has its own schedule.

Time(z)	VT(z)	Product
0000	1200	MSL 48hr prognosis
0020	1200	Surface wind 48hr forecast
0040	1200	Total wave Ht 48hr forecast
0100	0000	MSL 60hr prognosis
0200	1200	MSL 72hr prognosis
0700		Schedule
0800	0000	NMOC surface analysis

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1000	0000	MSL 24hr prog
1020	0000	Surface wind 24hr forecast
1040	0000	Total wave Ht 24hr forecast
1100	1200	MSL 36hr prognosis
1120	1200	Surface wind 36hr forecast
1140	1200	Total wave Ht 36hr forecast
1200	0000	MSL 48hr prognosis
1220	0000	Surface wind 48hr forecast
1240	0000	Total wave Ht 48hr forecast
1300	1200	MSL 60hr prognosis
1320	0000	MSL 72hr prognosis
1900		weekly sea surface temps
2000	1200	NMOC surface analysis
2200	1200	MSL 24hr prognosis
2220	1200	Surface wind 24hr forecast
2240	1200	Total wave Ht 24hr forecast
2300	0000	MSL 36hr prognosis
2320	0000	Surface wind 36hr forecast
2340	0000	Total wave Ht 36hr forecast

NMOC National Meteorological Operations Centre

::: DDA64 Offenbach

5832.4 DDA64 Weather Station Offenbach, D 1000 Rtty 100Bd/170Hz
wkg various DDA-Stations with Test Transmission:
" DANKE SCHOEN FUER DIE REGE TEILNAHME"
" DIE NAECHSTE UEBUNG FINDET AM 11.5.2004 STATT"
" ICH WUENSCH E NOCH EINEN SCHOENEN TAG"
(13/Apr/04) (KK)

This log was posted by Kristian from Germany. Further enquiries to Kristian, to whom thanks, have expanded background to this log.

The station Offenbach is the main station or net control of this test transmission. He reports it being part of " an old network of local weatherstations, these are "Aussenstellen" [satellite? when referring to a network in its generic sense) of the DWD (Deutscher wetterdienst) - the German Weather Service.

Kristain advises "Afraid it's not in use, there are only test transmissions, every 2nd Tuesday of the month)". Something to put into the monitoring calendar.

"Thanks for the participation."
"The next transmission will be at 11th of May 2004."
"I desire a beautiful day"

Finally Kristian says there is little information of the DDA-Network. But he has collected some callsigns from different sources though he does say "without guarantee of correctness:

DDA02 List auf Sylt
DDA03 Husum
DDA20 Emden-Hafen
DDA22 Bremen
DDA31 Muenster/Osnabruock
DDA32
DDA33 Berlin oder Hannover???
DDA41 Essen
DDA42 Kahler Asten
DDA43 Kassel
DDA50 Aachen
DDA51 Bendorf
DDA52
DDA53
DDA54 Wasserkuppe

DDA55
 DDA56
 DDA57
 DDA58
 DDA59
 DDA60 Trier/Petrisberg
 DDA61
 DDA62
 DDA63
 DDA64 Offenbach
 DDA65 Wuerzburg
 DDA66
 DDA67
 DDA68
 DDA69
 DDA70 Saarbruecken/Ensheim
 DDA71
 DDA72 Mannheim
 DDA73 Stuttgart
 DDA74
 DDA75
 DDA76
 DDA77 Regensburg
 DDA78
 DDA79
 DDA80 Freiburg
 DDA81
 DDA82
 DDA83 Ulm
 DDA84
 DDA85
 DDA86 Muenchen/Stadt
 DDA87
 DDA88
 DDA89 Passau
 DDA90
 DDA91 Donaueschngen/Villingen
 DDA92 Konstanz
 DDA93
 DDA94
 DDA95
 DDA96 Garmisch-Patenkirchen
 DDA97
 DDA98
 DDA99
 DDH701 List auf Sylt
 DDH704 Emden-Hafen
 DDH710 Essen
 DDH714 Wasserkuppe
 DDH717 Würzburg
 DDH718 Ulm
 DDH719 Saarbruecken/Ensheim
 DDH720 Mannheim
 DDH721 Stuttgart
 DDH723 Regensburg
 DDH726 Konstanz
 DDH727 Garmisch-Patenkirchen

::: Misaki Fisheries FAX update

In the Feb03 Column Misaki Fisheries/JFC was reported operating FAX on 13074 kHz. Thanks to Murray Lehman in west Aust. for spotting and logging a second frequency 22559 kHz, as coming from this station. The signal was logged at 0030z, and was using the standard 120rpm/576 IOC.

::: Northwood FAX to Gulf

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One for a limited number since the indications are that this is a beamed service from NE England to the Persian Gulf so off the line of fire may be difficult to capture. The chart area covers the Middle East.

Currently heard on 6834, 12390 and 18261 but 3289.5, 8652, 10576.5 and 14356 are also possibilities.

Time(z)	VT	Product
0230	----	Schedule
0306	0000	Sfc anal
0406	0000	Sfc anal
0506	1200	Sfc anal
0630	0000	24hr sfc prog
0642	0000	48hr sfc prog
0654	0000	72hr sfc prog
0706	0000	96hr sfc prog
0718	0000	120hr sfc prog
0754	0000	24hr sfc prog
0806	0000	24 hr ambient noise prog
0818	0000	24 hr mixed layer depth prog
0830	0000	24hr sea and swell prog
0842	0000	24hr sea surface temp
1430	----	Schedule
1506	1200	Sfc anal
1806	1200	Sfc anal
1830	1200	24hr sfc prog
1842	1200	48hr sfc prog
1854	1200	72hr sfc prog
1906	1200	96hr sfc prog
1918	1200	120hr sfc prog
2006	0000	24 hr ambient noise prog
2018	0000	24 hr mixed layer depth prog
2030	0000	24hr sea surface temp
2042	0000	24hr sea and swell prog
2206	1200	24hr sfc prog

>>....Military.....>

::: French Navy ship RIs

Bob Hall has kindly passed on a number of current ship Routing Indicators he managed to capture recently.

Adding the pennant numbers to the list indicates the bulk of these ships are small craft (patrol craft, minesweepers, landing craft and other auxiliaries). Those ships without pennant numbers are not listed on the French Navy ship lists on <http://www.defense.gouv.fr/marine/index.html>

RFFEDVDV	Rapier	L9061
RFFIKMPS	Egase	
RFFJC	Elan	A768
RFFJFLT	Flamant	P676
RFFJGA	Glaire or Glaive	
RFFJVLC	Vulcain	M611
RFFKDCU	Laplace	A793
RFFKDNE	Sterne	P680
RFFKDRR	Laperouse	A791
RFFKDTT	Borda	A792
RFFKMDR	Andromede	M643
RFFKMIP	Croix de Sud	M646
RFFKMRI	Eridan	M641
RFFKMSS	Cassiopee	M642
RFFKU	Antares	M770
RFFKUAI	Altair	M771
RFFKUDB	Aldebaran	M772

RFFKUGP	Guepard	A751
RFFKUJG	Jaguar	A750
RFFKULX	Lynx	A751
RFFKUOJ	Styx	M614
RFFKUPR	Panthere	A749
RFFKVB	Buffle	A696
RFFKVMM	Cormoran	P678
RFFKVR	Rari	A634
RFFKVSM	Capricone	M653
RFFL?PF	Sabre	L9051
RFFLCHL	Chevreuril	A774
RFFLE	Belier	A695
RFFLE	Bison	A697
RFFLEWS	Isard	A776
RFFLEZL	Gazelle	A775
RFFLID?	Violete	
RFFLVAO	Acheron	A613
RFFLVGR	Grebe	P679
RFFLVOM	Orion	M645
RFFLVRG	Arago	P675
RFFLVTN	Pluton	M622
RFFNVF	Epee	
RFFOI	Athos	A712
RFHIGRS	La Glorieuse	P686
RFHIMQS	La Moqueuse	P688
RFHJRL	La Railleuse	P689
RFHJRVI	Revi	A635
RFHJTPG	La Tapageuse	P691
RFLIGCS	La Gracieuse	P687
RFVIALB	Albatros	P681
RFVIBDS	La Boudeuse	P683
RFVIRES	La Rieuse	P690

>>....Special.....>

::: African AFTN from the archives

Bob Hall has also been delving into the archives and reminds us of the golden days and happy hours spent monitoring "ASECNA & AFTN African Air Stations". He says "Some 15 years ago one could hear almost all the stations listed below during the night from this QTH (Capetown); now there are none. The last to go, in March 2000 were Plaisance, Antananarivo and Lilongwe."

Location/Callsign	Mode	Freq used
=====	=====	=====
Abidjan/TUH	rtty	4195.5 5487.7
Accra/9GC	rtty	5738.2 5804.0 5904.1
Antananarivo/5ST	arq-e3\48	4014.7 5740.3 7834.6 9194.0 9428.8
Bamako/TZH	rtty	7355.3 7626.0 7726.0 10134.0
Bangui/TLO	rtty	6902.3 9072.7
Brazzaville/TNL	arq-m2\96	3898.3 8123.1 9285.1 10132.6
Brazzaville/TNL	rtty	4487.2
Conakry/3XA	rtty	3710.8 5847.9 7610.0 10102.7
Cotonou/TYE	arq-m2\96	5117.4 7524.1
Douala/TJK	rtty/m2	4788.3 7713.0
Gaborone/A2K	rtty	5287.2
Libreville/TRK	arq-m2\96	6941.3
Lilongwe/7QZ	rtty	8137.7
Lusaka/9JZ	rtty	7913.0 8118.5
Male/8Q9	rtty	6989.0
Maun Air/A2M	rtty	9293.1
Moroni/DJZ	arq-e3	7763.4
N'Djamena/TTL	arq-e3	9135.7 9217.5
Nairobi/5YD	rtty	8161.5 8165.0
Niamey/5UA	arq-m2\96	5160.2 7596.2

WUN-v10
6775.4
4022.5 7763.0 9195.0 9378.7
Ouadagougou/XTU arq-m2\96
Plaisance/3BZ arq-e3

Other stations from the past and further afield which he lists as apparently no longer in use (post-1999/2000) are:
Addis Ababa, Asmara, Calcutta, Dhaka, Ho Chi Minh, Jibouti, Moroni, Sal, Vientiane.

Unfortunately time and technology marches on and the telecommunication needs of users have found more reliable and cost-effective means in other modes, including the internet.

Thanks for the two items Bob.

>>....Techi Tips.....>

::: COMport provision on the laptop

The notepad or laptop is a convenient way of packaging the PC or the MAC. However many have limitations in the lack of provision of a full range of (historic) I/O connectors, with the onward advancement of technology involving new connectors in a limited space.

This is frustrating for those who might wish to use a PC or MAC but lack the provision of 1 (or 2) COMport(s) especially if they wish to have receiver control, either from a receiver dedicated software package or something like PC-ALE in scanning mode. In the desktop computer, without these port(s) on the motherboard, the alternative is to add a suitable interface card.

However for the laptop all is not lost. One can purchase, for a moderate sum, a USB Serial Adapter. It is difficult to place a manufacturer's name on the device recently tried on your scribe's laptop but the label Prolific USB-to-Serial Comm Port (COM2) appears in the Device Manager.

The device consists of a short (12"/30cm) screened cable with a USB plug at one end and the adapter in a small plastic housing at the other. The adapter supports a 9-pin male D-type connector. A DTE in the RS232c/V24 environment.

However no technical information was given; only a listing of four features:

1. Over 500kbps data transfer rate.
2. Draws its power from the USB connection. No power adapter required.
3. Work with cellular phone, PDA, digital cameras and modems.
4. No IRQs. No IRQ conflicts.

It comes with a CDrom library of drivers making it compatible with Windows 95, 98, 98ME, 2000, XP, and with MacOS (8.6, 9.0).

The following becomes more environment specific. In this case windows XP, receivers JRC NRD535/545, PC-ALE and own (VB6) receiver controllers.

The laptop (powered down)/adapter was connected to the existing cabling to the NRD535. On powering up new hardware was detected and the appropriate driver found/installed from the CDrom; all without problem.

The installation leaflet states that the USB Adapter will always take the next available COMport. Surprised to find this had taken COM4. The Device Manager displayed Prolific USB-to-Comm Port (COM4) under Ports(COM & LPT). Double-clicking the label brought up the Properties dialogue. Port Setting|Advanced provided a COM port number selection. In a long list of COMports in the dropdown menu COM3 was marked as being "(in use)" but for what one cannot tell. There is no physical COMport. COM2 (the preferred value) was selected.

Three packages were then tried.

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1. REM535. Used in order to display the frequency in the full 1Hz resolution of the NRD535. No problems encountered.
2. PC-ALE. No problems scanning, even at the fastest Scan Rate of 5/sec.
3. 535Mngr. This provides a means of creating and downloading "DL" (download) files to the receiver to clear all memories and load, in a single action, up to 200 memories (or 1000 for the NRD545) for specific group monitoring. Again this worked but with one minor problem. The receiver failed, at the end of transfer, to return from the REMOTE/LOCKED status which occurs during data transfer via the serial connector.

The following is a typical (end) of DL file.

```
K109012165220001      [Load memory 109 parameters]
K110012174070001      [Load memory 110 parameters]
K111121165250001      [Load memory 112 parameters]
S000012172420001      [Set channel 0 and update VFO]
H0                     [Turn off REMOTE/close serial port/UNLOCK]
```

The problem was cleared by increasing the H0 command to seven H0 commands. The K command is a simple memory(buffering) updating and effectively requires no data handshaking with the host computer. However it would seem that the receiver action on receipt of the S command takes a finite time to implement such that the handshake is longer.

Although not stated in the User Manual the 535 has a hardware handshake on RTS (Pin4) after each command and <cr>. The USB-to-Serial Adapter breaks this line, assuming no handshake required for the devices it sees itself being coupled to. The statement in Features.4, namely No IRQs, seems to confirm this. In the Device Manager setting Flow Control to Hardware had no effect.

By providing seven H0s the transmission time of the first six permits the S command to execute. These six commands are ignored by the receiver. After this timeout the receiver will act upon the next valid command read - the seventh H0 - and the receiver returns to the unlocked state.

This is a rather untidy work-around. Better to insert a dummy command, before the affected command, which will produce a time-out and be ignored.

The command structure for the NRD535 is 17chars (inc <cr>) at 10bits/char. With a transfer rate of 4800bd the timeout is 35.4ms

```
S000012172420001      [Set channel 0 and update VFO]
#####                [Time out/dummy command ]
H0                     [Turn off REMOTE/close serial port/UNLOCK].
```

This problem is not seen with the NRD545. Its command structure is 21 chars and with the same parameters a command takes 43.7ms. Being a newer design of receiver it's internal circuitry will be working at a higher speed and therefore able to process all commands in a lessor time. There is therefore no need for a dummy command to be inserted in existing files.

As mentioned above a specific environment has been used to outline a pair of problems which might arise. However it does show that computer--> receiver serial communication is still possible fairly cheaply, and with a little thought problems arising from lack of handshaking might easily be overcome. WUNners who have successfully utilised this device are invited to forward their experiences and possible work-arounds for problems arising from their specific set-ups.

>>....Signoff.....>

That's it for this month - 10 mins to deadline. Keep the logs flowing

WUN-v10

and better still, drop a note re digi matters in your corner of the world.

Regards Day.

Nautical News

Utility Monitoring in the Maritime Bands

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Greetings to all WUN members.

My thanks to those who have made contributions this month.

Firstly, the possible 500 kHz activity I mentioned last month seems unlikely now to take place. This is a shame but if the situation changes then I will cover it in future newsletters.

::: Now some information from Sergey concerning Kiev Radio

Here are some info on UWS3 - Kiev Radio operated by "Ukrechflot". I hope, full schedule will be available soon. I will surely let you know.

Wkg freq. for CW traffic lists, sailing instructions and WX & Nav. warnings:
8570.5, 12695.5, 6470 kHz.

Main portion is transmitted at 11.30 UTC, some traffic lists & instructions can be transmitted at 06.20, 07.30, 14.30, 17.20, 19.30 UTC.

Communications with ships are regular at 05.00-08.00. ships freq.:
8357.5, 6292, 12443.5 kHz.

Thanks for that Sergey and I look forward to receiving the full schedule in due time.

::: Tony Parades is looking for some information.

He asks..... Do you have any news about "Argentina Radio" ?
Argentina Radio is a coastal stn who manages traffic between ships and shore (commonly family chats)
AR is owned by SES
<http://www.ses.com.ar>
<http://www.ses.com.ar/home.html#maritimas>

No further info is available. I sent a mail to SES for more info but no answer was received.

Freq I heard are:

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04393.0 ---: Argentina R Argentina 0201 USB SS (rx 4101.0) (ch 413)
 06507.0 ---: Argentina R Argentina 2232 USB SS (rx 6206.0) (ch 603)
 08728.0 ---: Argentina R Argentina 0057 USB SS (rx 8204.0) (ch 804)
 08734.0 ---: Argentina R Argentina 0041 USB SS (rx 8210.0) (ch 806)
 08740.0 ---: Argentina R Argentina 0100 USB SS (rx 8216.0) (ch 808)
 13089.0 ---: Argentina R Argentina 1746 USB SS (rx 12242.0) (ch 1205)
 13161.0 ---: Argentina R Argentina 1627 USB SS (rx 12314.0) (ch 1229)
 13164.0 ---: Argentina R Argentina 1623 USB SS (rx 12317.0) (ch 1230)
 13170.0 ---: Argentina R Argentina 1620 USB SS (rx 12323.0) (ch 1232)
 13179.0 ---: Argentina R Argentina 1610 USB SS (rx 12332.0) (ch 1235)
 13194.0 ---: Argentina R Argentina 2304 USB SS (rx 12347.0) (ch 1240)

Some no maritime Ch were heard.

08043.0 ---: Argentina R Argentina 0026 USB SS PP. (QSX ?????)
 10107.0 ---: Argentina R Argentina 2358 USB SS PP. (QSX 10647) Farms,
 Mobiles stn and some unid Antarctic bases.
 14703.0 ---: Argentina R Argentina 1823 USB SS PP. (QSX ?????) Antarctic
 bases Jubany, Orcadas, Marambio and icebreaker Alm. Irizar.

If you have any information on this station then please send it to me for
 inclusion in a future Nautical News.

::: 2182 KHz in the Azores.

According to information received from Estação Radionaval da Horta, the
 following 3 stations (still) keep watch on 2,182 KHz
 Estação Radionaval da Horta/CTH
 São Miguel Radio/CUG
 POSTRAD DELGADA

My thanks to Ewald in Switzerland for this information.

::: Guangzhou Radio /XSQ

Another station, in the Far East, which still supports three transmission
 modes on HF.

HF RT:

XSQ	Ship	[ITU Chan]	Remarks
4384	4092	[410]	
6510	6209	[604]	
8782	8258	[822]	H24 #
8716	8170	[837]	
13107	12260	[1211]	H24 #
13149	12302	[1225]	H24 #
13182	12335	[1236]	H24
13194	12347	[1240]	
17281	16399	[1614]	
17287	16405	[1616]	0800-1500
17398	16516	[1653]	H24 #
19770	18795	[1806]	H24
19794	18819	[1814]	H24 #
22735	20039	[2214]	H24 #
22753	22057	[2220]	H24

Traffic lists every H+10 between 0000-1000z.

HF Telex (NBDP). Stn nr 2017, selcal QVXY. MMSI 004123100.

XSQ	Ship	[ITU Chan]	Remarks
4212	4174	[404]	1200-2359
4219	4181.5	[419]	Hx % \$
6316	6264.5	[604]	0000-1200
6329	6283	[631]	Hx % \$
8422.5	8382.5	[813]	Hx

			WUN-v10		
8429	8389	[826]	Hx		
8431	8391	[830]	Hx	%	\$
8435	8395	[838]	H24		
12584.5	12482	[1211]	Hx		
12600.5	12498	[1243]	Hx		
12613	12510.5	[1268]	H24		
12622.5	12520.5	[1288]	Hx	%	\$
12648.5	12546.5	[12140]	2300-1200		
16812	16688.5	[1611]	Hx		
16823.5	16700.5	[1635]	Hx		
16854	16731	[1696]	Hx	%	\$
16880	16762	[16148]	2200-1600		
22381.5	22289.5	[2211]	Hx		
22420	22328	[2288]	Hx		
22435	22343	[22118]	Hx		

% Tfc lists at 0120 0320 0720 0920 1320 1520 2220 on annotated frequencies.

\$ Broadcasts

0120	Navs in Chinese	6329	8431	12622.5	16854
0720	Navs in English	6329	8431	12622.5	16854
1320	Navs in Chinese	4219	8431	12622.5	16854

HF CW QSX call channels 3, 4, 7

XSQ	Remarks
4288	Hx
4340	Hx
6390	Hx
6461	Hx
8455	Hx
8490	
8514	H24 *
8624	
8661	
12700	H24 *
12877	Hx
12997	Hx
13054	Hx
16950	Hx
17080	Hx
17091	
17216.9	Hx
22452	
22525	Hx

* Tfc lists every H+30

CW MSI broadcasts

0030	Wx in English	6382	8458	12973
0100	Wx in Chinese	"	"	"
0200	Navs in Chinese	"	"	"
0600	Navs in English	"	"	"
0730	Navs in Chinese	"	"	"
1230	Wx in English	4340	8458	12973
1300	Wx in Chinese	"	"	"
1400	Navs in Chinese	"	"	"

That's all for this months Nautical News. Next month I plan to start a series on the history of Coastal Stations around the world, featuring each month a different station. I hope that will be of interest.

73 & Good Listening

Robert G4PYR

```

# NUMBERS & ODDITIES #
////////////////////////////////////\
- Editor: Ary Boender      *****      e-mail: ary@luna.nl -
- Nickname on IRC channels #wun #monitor #numbers: Ary-B -
-
- Download the complete N&O newsletter from the N&O web site -
- http://home.luna.nl/~ary/ -
-
- Online database: Chris Smolinski <csmolinski@erols.com> -
- http://www.spynumbers.com/numbersDB/ -
\////////////////////////////////////

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-::: N&O #72, April 2004 :::-

An unid new numbers station surfaced in early April. It now has an ENIGMA designator, M93, but we are still looking for more info about the station. See the morse stations section for M93's profile.

Fritz has been glued to his radio set. The E10 frequency list comes from him.

-0-0-0-0-0-0-0-0-0-0-

::: E03

Thomas was so kind to jot down a message from the Lincolnshire Poacher. The id was 07058.

```

57907 98525 45434 50598 59500 67560 04134 02430 48892 58586
45769 23054 91760 66522 89282 25431 96140 80670 90148 74234
62196 34277 00394 20257 18983 95111 55091 35381 02998 25717
38258 66001 07896 34443 13318 76343 65630 62079 28566 10316
39685 94587 76343 79965 17193 61651 15941 65382 46955 22713
18670 56085 40923 75167 64026 57523 97019 36229 65214 99360
15422 97110 15666 02648 38702 54245 19627 06249 44126 42332
78034 86427 34619 59280 60303 60620 05789 62791 56924 00440
27095 45622 63795 14587 97642 28667 67630 67037 58834 75230
93813 25515 38351 04312 46966 53856 62212 85427 36549 71032
40912 12170 62227 95749 39359 03133 11071 20879 35973 77278
50693 71073 64302 98328 82557 62961 04723 11477 08713 00455
39945 54971 37107 70863 43568 59453 49605 30752 61404 37573
31488 43730 49046 33334 04039 83697 60650 63530 59454 11809
36275 40768 38863 12778 31177 62419 61253 12075 67071 68740
45597 57017 54816 74513 98235 68529 07625 31992 65558 53813
39411 76614 56238 26053 73537 09203 53498 26978 27683 07546
45306 52784 00801 90561 05820 56308 12381 64167 38393 75469
49941 52353 12438 74383 11166 99659 58417 37266 72957 79539
60957 84347 39880 30209 06895 90662 01549 55289 44963 15978

```

<<<<>>>>

::: E10

Finally..... STRING MESSAGES! After quite a while E10 transmitted a couple of them this month.

Date / UTC	frequency	message
17-4 2020	6370	KPA 24
18-4 1920	6370//6912	KPA 4Z5
21-4 1933	6370//6912	KPA 34Z31Z8Z1400
25-4 1950	6370	KPA Z9Z7
2112	6930	SYN 10Z99

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2115	6912		CIO 11Z19Z64			
2117	5230		VLB 7Z28Z82			

- E10 schedules, compiled by Fritz.

UTC	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
--							
0600	17410/EZI		17410/EZI 19715/EZI			17410/EZI 19715/EZI 6270/ULX	
--							
0630			9130/EZI 7918/YHF 7760/ULX	9130/EZI 7918/YHF 7760/ULX 11565/EZI 6986/ART		9130/EZI 7918/YHF 7760/ULX 11565/EZI 6270/ULX	
--							
0645				6912/CIO 6930/SYN 7605/VLB 7811/SYN 8641/VLB			
--							
0700		6986/ART 9130/EZI 8805/PCD 10648/YHF 11565/EZI	7760/ART 9130/EZI 8805/PCD 10648/YHF 11565/EZI	11565/EZI 9130/EZI 8805/PCD 6986/ART 10648/YHF		11565/EZI 9130/EZI 8805/PCD 10648/YHF	
--							
0730		11565/EZI 9130/EZI 8805/PCD 7918/YHF 7760/ULX		11565/EZI 7918/YHF 9130/EZI 8805/PCD 6986/ART		11565/EZI 7918/YHF 9130/EZI 8805/PCD 6986/ART 7760/ULX	
--							
0745				7690/KPA			
--							
0800	8805/PCD	8805/PCD		8805/PCD		8805/PCD 7760/ULX	
--							
0830	17410/EZI 19715/EZI 8805/PCD 8805/PCD 7918/YHF 7760/ULX	17410/EZI 19715/EZI 8805/PCD		19715/EZI 7690/KPA		19715/EZI 8805/PCD 7760/ULX	

7918/Y
HF

--
0845 7811/SYN
7690/KPA
7605/VLB

--
0900
17410/EZI 17410/EZI 17410/EZI 13533/EZI 13533/EZI 13533/EZI
8805/PCD 8805/PCD 8805/PCD 7918/YHF 7918/YHF 17410/EZI
13533/EZI 13533/EZI 13533/EZI 17410/EZI 17410/EZI 8805/PCD
7918/YHF 8805/PCD 8805/PCD

--
0915 7690/KPA

--
0930
17410/EZI 17410/EZI 8805/PCD 7918/YHF 8805/PCD
8805/PCD 8805/PCD 7918/YHF 7760/ULX 7760/ULX
7760/ULX 7918/YHF 7918/YHF 17410/EZI 19715/EZI 19715/EZI
19715/EZI 7760/ULX 19715/EZI 19715/EZI 17410/EZI

--
1000
11565/EZI 9202/YHF 11565/EZI 11565/EZI 8805/PCD 8805/PCD
8805/PCD 8805/PCD 11565/EZI 8805/PCD 9202/YHF 9202/YHF 9202/YHF
9202/YHF 9130/EZI 11565/EZI 11565/EZI
8805/PCD 11565/EZI

--
1130 11565/EZI
8805/PCD
9130/EZI
7918/YHF

--
1145 8641/VL
B

--
1200
13533/EZI 13533/EZI
13533/EZI
11565/EZI 11565/EZI
11565/EZI
9202/YHF 9202/YHF
10648/YHF

--
1230
13533/EZI 13533/EZI 17410/EZI 17410/EZI
17410/EZI

15980/EZI	15980/EZI	8805/PCD	8805/PCD
8805/PCD			
17410/EZI	17410/EZI	13533/EZI	13533/EZI
13533/EZI			
8805/PCD	8805/PCD	7540/JSR	15980/EZI
15980/EZI			

--

1300			
13533/EZI	13533/EZI	8805/PCD	8805/PCD
8805/PCD			
15980/EZI	15980/EZI	15980/EZI	7760/ULX
7918/YHF			
8805/PCD	8805/PCD	13533/EZI	13533/EZI
13533/EZI			
7760/ULX	7760/ULX		15980/EZI
15980/EZI			
	7918/YHF		
	7540/JSR		

--

1330			
7540/JSR	7918/YHF		17410/EZI
17410/EZI			
7918/YHF	8805/PCD		15980/EZI
15980/EZI			
8805/PCD	15980/EZI		7918/YHF
7918/YHF			
15980/EZI	17410/EZI		7540/JSR
7540/JSR			
17410/EZI			
8805/PCD			

--

1345			
7605/VLB	7605/VLB		
7811/SYN			
7811/SYN	7811/SYN		
7605/VLB			

8641/V
LB

--

1400				
23740/EZI	19715/EZI	19715/EZI	19715/EZI	19715/EZI
19715/EZI				
19715/EZI	7918/YHF	6986/ART	6986/ART	23740/EZI
23740/EZI				
7918/YHF	7760/ULX	7540/JSR	7540/JSR	7540/JSR
7540/JSR				
7760/ULX	7540/JSR	7760/ULX	7760/ULX	7760/ULX
7760/ULX				
7540/JSR		7918/YHF	7918/YHF	7918/YHF
7918/YHF				
		23740/EZI	23740/EZI	

--

1415			
6912/KPA		6912/MIW	6912/MIW
6912/KPA			
		7690/KPA	

--

1430					
7918/YHF	7918/YHF	7918/YHF	13533/EZI	7918/YHF	13533/EZI
7540/JSR					
7540/JSR	7540/JSR	13533/EZI	11565/EZI	6986/ART	11565/EZI

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13533/EZI					
8805/PCD	8805/PCD	6986/ART	8805/PCD		8805/PCD
7918/YHF					
6986/ART	6986/ART		7918/YHF		7918/YHF
6986/ART					
11565/EZI	11565/EZI		7540/JSR		7540/JSR
13533/EZI	13533/EZI		6986/ART		6986/ART

--

1445					
6912/CIO	6912/CIO	6912/CIO	7605/VLB	7605/VLB	7605/VLB
7605/VLB					
7811/SYN	7811/SYN	7811/SYN	6912/CIO	6912/CIO	6912/CIO
6912/CIO					
6930/SYN	6930/SYN	6930/SYN	6930/SYN		7811/SYN
7811/SYN					
7605/VLB	7605/VLB	7605/VLB	7811/SYN		8641/VLB
8641/VLB					
8641/VLB	8641/VLB	8641/VLB	8641/VLB		

--

1500					
8805/PCD	7760/ULX	13533/EZI	7760/ULX	7760/ULX	7760/ULX
7918/YHF					
13533/EZI	15980/EZI	15980/EZI	7918/YHF	7918/YHF	7918/YHF
7760/JSR					
15980/EZI	6270/ULX	6270/ULX	13533/EZI	13533/EZI	13533/EZI
13533/EZI					
7918/YHF	7918/YHF	7918/YHF	15980/EZI	15980/EZI	15980/EZI
15980/EZI					
	5820/YHF	7760/ULX		6270/ULX	6270/ULX
	13533/EZI	5820/YHF		5820/YHF	5820/YHF

--

1515					
6912/MIW	6912/MIW		6912/KPA		6912/KPA
6912/MIW					
7690/KPA	7690/KPA		7690/KPA		

--

1530					
7760/ULX	17410/EZI	17410/EZI	17410/EZI	17410/EZI	17410/EZI
17410/EZI					
6270/ULX	6270/ULX	6270/ULX	8805/PCD	8805/PCD	8805/PCD
7760/ULX					
8805/PCD	8805/PCD	8805/PCD	7760/ULX	7760/ULX	7760/ULX
8805/PCD					
17410/EZI	7760/ULX	7760/ULX	7540/JSR	7540/JSR	7540/JSR
7540/JSR					
19715/EZI	7540/JSR	7540/JSR	6270/ULX	6270/ULX	6270/ULX
6270/ULX					
7540/JSR		19715/EZI	19715/EZI	19715/EZI	19715/EZI
19715/EZI					
5820/YHF					

--

1545					
7605/VLB	7605/VLB	7605/VLB	8025/CIO	7605/VLB	
7605/VLB					
6930/SYN	6930/SYN			6912/CIO	
6912/CIO					
6912/CIO	6912/CIO			8025/CIO	
				8641/VLB	
				7811/SYN	
				6930/SYN	

--

1600

WUN-v10

6270/ULX	6270/ULX	7918/YHF	13533/EZI	13533/EZI
13533/EZI				
13533/EZI	13533/EZI	11565/EZI	4880/ULX	11565/EZI
11566/EZI				
10648/YHF	10648/YHF	7760/ULX	11565/EZI	10648/YHF
10648/YHF				
5435/ART	5435/ART	10648/YHF	10648/YHF	5091/JSR
5091/JSR				
11565/EZI	11565/EZI	7540/JSR	7918/YHF	5435/ART
5435/ART				
7918/YHF		6270/ULX	7760/ULX	6270/ULX
6270/ULX				
7760/ULX		5435/ART	7540/JSR	7540/JSR
7540/JSR				
7540/JSR		13533/EZI	6270/ULX	7760/ULX
7760/ULX				
5091/JSR			5435/ART	7918/YHF
7918/YHF				
			5091/JSR	

--
1700

5435/ART
6270/ULX
4880/ULX
5820/YHF
7540/JSR
5091/JSR
4560/YHF
4270/PCD

--
1715

5339/MIW
4780/KPA
4165/MIW
6912/MIW

--
1730

8805/PCD	8805/PCD
4560/YHF	5435/ART
3840/YHF	3840/YHF
5091/JSR	5091/JSR
4461/FTJ	11565/EZI
3415/ART	13533/EZI
4880/ULX	4880/ULX
9130/EZI	9130/EZI

--
1745

5230/VLB	5230/VLB
5170/SYN	5170/SYN
4648/CIO	4648/CIO
	6912/CIO
	6930/SYN

--
1800
4461/FTJ

4461/FTJ	4461/FTJ
4880/ULX	4880/ULX
4880/ULX	
5091/JSR	5091/JSR
5091/JSR	
5820/YHF	5820/YHF
5820/YHF	
5435/ART	5435/ART
5435/ART	
6840/EZI	6840/EZI
6840/EZI	
7918/YHF	7918/YHF
7918/YHF	

WUN-v10

9130/EZI	9130/EZI
9130/EZI	
4270/PCD	4270/PCD
4270/PCD	
10648/YHF	10648/YHF
10648/YHF	

6498/P
CD

--

1815

4165/MIW	4165/MIW	4165/MIW	4165/MIW	4165/MIW
4165/MIW				
4780/KPA	4780/KPA	5339/MIW	5339/MIW	5339/MIW
5339/MIW				
5339/MIW	5339/MIW	4780/KPA	4780/KPA	4780/KPA
4780/KPA				
6912/KPA	6912/MIW			6912/MIW
6912/KPA				

--

1830

6270/ULX	6270/ULX	5091/JSR	5091/JSR	5091/JSR
4270/PCD				
7760/ULX	7760/ULX	4880/ULX	4880/ULX	4880/ULX
6270/ULX				
5091/JSR	5091/JSR	4461/FTJ	4461/FTJ	4461/FTJ
4880/ULX				
4461/FTJ	4461/FTJ	4270/PCD	4270/PCD	4270/PCD
5091/JSR				
4880/ULX	4880/ULX	3415/ART	6270/ULX	3415/ART
4461/FTJ				
13533/EZI	13533/EZI	3150/PCD	11565/EZI	3150/PCD
3415/ART				
11565/EZI	5435/ART	13533/EZI	13533/EZI	13533/EZI
3150/PCD				
10648/YHF	10648/YHF	10648/YHF	10648/YHF	10648/YHF
5345/ART				
9202/YHF	9202/YHF	9202/YHF	9202/YHF	9202/YHF
6270/ULX				
9130/EZI	9130/EZI	9130/EZI	9130/EZI	9130/EZI
7760/ULX				
4270/PCD	4270/PCD	7760/ULX	7760/ULX	7760/ULX
9130/EZI				
3415/ART	3415/ART	6270/ULX		6270/ULX
9202/YHF				
3150/PCD	3150/PCD	5435/ART		
13566/EZI				
5435/ART				
11565/EZI				

10648/Y
HF

--

1845

5170/SYN	5170/SYN	5170/SYN		5170/SYN
5170/SYN				
5230/VLB	5230/VLB	5230/VLB		5230/VLB
5230/VLB				
4648/CIO	4648/CIO	4648/CIO		4648/CIO
4648/CIO				
6912/CIO	6912/CIO			6912/CIO
6912/CIO				
6930/SYN	6930/SYN			

--

WUN-v10

1900				
3415/ART	3415/ART	4270/PCD	4270/PCD	4270/PCD
4270/PCD				
5435/ART	5435/ART	3415/ART	3415/ART	3415/ART
3415/ART				
6986/ART	6986/ART	3150/PCD	6986/ART	3150/PCD
3150/PCD				
4270/PCD	4270/PCD	4560/YHF	5435/ART	4560/YHF
5820/YHF				
5820/YHF	5820/YHF	4880/ULX	4880/ULX	4880/ULX
6840/EZI				
7540/JSR	7540/JSR	5820/YHF	5820/YHF	5820/YHF
7540/JSR				
4880/ULX	4880/ULX	6840/EZI	6840/EZI	6840/EZI
9130/EZI				
6840/EZI	6840/EZI	7540/JSR	7540/JSR	7540/JSR
11565/EZI				
11565/EZI	11565/EZI	9130/EZI	9130/EZI	9130/EZI
5435/ART				
3150/PCD	5091/JSR	11565/EZI	11565/EZI	11565/EZI
6986/ART				
4560/YHF	4560/YHF			5091/JSR
9130/EZI				5435/ART
				6986/ART

--

1915				
5339/MIW	5339/MIW	5339/MIW	5339/MIW	5339/MIW
5339/MIW				
4165/MIW	4165/MIW	4165/MIW	4165/MIW	4165/MIW
4165/MIW				
4780/KPA	6912/MIW		4780/KPA	4780/KPA
4780/KPA				
	4780/KPA		6912/KPA	6912/KPA
	6912/MIW			

--

1930				
5091/JSR	3415/ART	3415/ART	3415/ART	3415/ART
3150/PCD				
5820/YHF	5820/YHF	4270/PCD	4270/PCD	4270/PCD
4270/PCD				
5435/ART	3150/PCD	4461/FTJ	4461/FTJ	4461/FTJ
4461/FTJ				
6986/ART	6270/ULX	4880/ULX	4880/ULX	4880/ULX
4880/ULX				
6720/ULX	4270/PCD	5091/JSR	5091/JSR	5091/JSR
5091/JSR				
4270/PCD	6840/EZI	5820/YHF	5820/YHF	5820/YHF
5820/YHF				
3150/PCD	4461/FTJ	6270/ULX	6270/ULX	6270/ULX
6270/ULX				
4880/ULX	6986/ART	6840/EZI	6840/EZI	6840/EZI
6840/EZI				
11565/EZI	4880/ULX	6986/ART	6986/ART	6986/ART
6986/ART				
3415/ART	7918/YHF	7918/YHF	7918/YHF	7918/YHF
7918/YHF				
9130/EZI	5091/JSR	9130/EZI	9130/EZI	9130/EZI
9130/EZI				
7918/YHF		11565/EZI	5435/ART	11565/EZI
11565/EZI				
6840/EZI				3150/PCD

--

1945				
5170/SYN	5170/SYN	5170/SYN	5170/SYN	
5170/SYN				

WUN-v10

5230/VLB	5230/VLB	5230/VLB	5230/VLB
5230/VLB			
4648/CIO	4648/CIO	4648/CIO	4648/CIO
4648/CIO			
6912/CIO			6912/CIO
6912/CIO			
6930/SYN			6370/KPA

--

2000

4270/PCD	4270/PCD	4270/PCD	4270/PCD
4461/FTJ			
5435/ART	5435/ART	5435/ART	9130/EZI
4880/ULX			
5820/YHF	5820/YHF	5820/YHF	5820/YHF
7918/YHF			
9130/EZI	11565/EZI	11565/EZI	4461/FTJ
5820/YHF			
4880/ULX	4880/ULX	4880/ULX	4880/ULX
4461/FTJ	4461/FTJ	4461/FTJ	7918/YHF
7918/YHF	7918/YHF	7918/YHF	2743/ULX
2743/ULX	2743/ULX	5091/JSR	
3150/PCD	3150/PCD	3415/ART	

--

Frequencies heard in April 2004

2743	ULX	3150	PCD	3415	ART
3840	YHF	4165	MIW	4270	PCD
4461	FTJ	4560	YHF	4648	MIW, CIO
4780	VLB, KPA	4880	ULX	5091	JSR
5170	SYN	5230	CIO, VLB	5339	MIW
5435	ART	5820	YHF	6270	ULX
6370	KPA	6498	PCD	6840	EZI
6912	CIO, KPA, MIW	6930	SYN	6986	ART
7540	JSR	7605	VLB	7690	KPA
7760	ULX, ART, JSR	7811	SYN	7918	YHF
8025	CIO	8641	VLB	8805	PCD
9130	EZI	9202	YHF	10648	YHF
11565	EZI	13533	EZI	15980	EZI
17410	EZI	19715	EZI	23740	EZI

<<<<<>>>>

::: E15

Finally, a positive id. E15 is apparently still alive and kicking!
 Heard on 14000 kHz USB at 1700 and 1800 UTC on 21 April, calling FYP
 (Frank Young Peter) into 5LGs. The station was good audible in Germany.

<<<<<>>>>

::: V25

Chinese numbers station on 8870 kHz AM at 1400 UTC and 9240 kHz at
 1300 UTC. (info: Takashi)

<<<<<>>>>

::: V26

Chinese and English numbers were heard on 5924//6448//8621 kHz LSB at
 1200 UTC. (info: Takashi)

-0-0-0-0-0-0-0-0-0-0-

* MORSE STATIONS *

::: M08a

We learn from Chriss Acuff that M08a has changed its frequencies for its 1200 and 1300 UTC skeds. "It has changed them back to the old sked" Chris said.

1200 UTC: Monday: 9330
Tuesday: 10858
Wednesday: 9330
Thursday: 10858
Friday: 9330
Saturday: 10858

1300 UTC: Monday: 10566
Tuesday: 12093
Wednesday: 10566
Thursday: 12093
Friday: 10566
Saturday: 12093

<<<<<>>>>

::: M18

Still active on 4073 kHz.

<<<<<>>>>

::: M21

Russian Air Defense on:

4071.5 kHz, id 8
5198 kHz, id 0
5772 kHz, id 0 = 14346820709628
= 24346901100824
= 14347826592528
5873 kHz, id 0 = 992259??0?????
6323 kHz, id 0 = 992348??0?????
4391 kHz, id 0 time strings
6321.5 kHz, id 0 time strings

- M21 variants

4825 kHz, 8503092742936
8504092748236
336
850436
8505092747936
5765 khz, 1929600
1929602 ...

(logs by Fritz and Takashi)

<<<<<>>>>

::: M22

Frequencies with regular transmissions: 2680, 2800, 4241, 4331, 5159, 6379, 8103, 10046, 12984 kHz.

Additional frequencies: 5024 kHz (18-21 April)
13511 kHz (since 15 April)
18329 kHz (15-23 April)

<<<<<>>>>

::: M40

V CQ 113.266 on 5590 kHz at 1400 UTC on 12 April.

info: Takashi

<<<<<>>>>

::: M51

5901.5 kHz 29-3, 1500 UTC
 5373//5279.5 kHz 31-3, 1546 UTC = nr 64 m 31 17:47:06 2004 = 5LGx100
 4471//7982 kHz 1-4, 1830 UTC
 4896.5 kHz 6-4, 1453 UTC = nr 23 a 06 16:53:26 2004 = 5LGx100
 4896 kHz 7-4, 1555 UTC = nr 73 a 07 17:55:03 2004 = 5LGx100
 5885.5 kHz 8-4, 1930 UTC
 4498.5//4895 kHz 14-4, 1535 UTC
 5318 kHz 15-4, 1535 UTC
 5096 kHz 19-4, 1812 UTC = nr 10 a 19 20:11:58 2004 = 5LGx100
 4495 kHz 20-4, 1815 UTC
 4484//5476.5 kHz 21-4, 1820 UTC
 4758 kHz 22-4, 1825 UTC

(info: Fritz)

<<<<<>>>>

::: M62

3485//1732 kHz: QR2U QR2U QR2U = KP6F KP6F KP6F +

M62 continuously has been logged since Dec. 1999 on 4396//1732. Then changed to 3485/1732 in Dec. 2002 until March 2004.

<<<<<>>>>

::: M82

4699 kHz, 2230 UTC, 12 April. Logged by Igor.

v v v j v g j v g j v g d e b m l b m l b m l q s a 3 q s a ? q t c 5 2 1 (R 2)
 q t c n r 5 2 1 3 6 7 t 4 1 3 t 7 3 t 5 9 3 6 1 3 =
 1 3 6 5 1 3 4 9 1 4 7 t 2 t 1 7 2 9 2 3 2 5 6 9 6 7 2 1 t 7 t 9 9 2 6
 a b v
 q t c n r 5 2 1 3 6 7 t 4 1 3 t 7 3 t 5 9 3 6 1 3 =
 1 3 6 5 1 3 4 9 1 4 7 t 2 t 1 7 2 9 2 3 2 5 6 9 6 7 2 1 t 7 t 9 9 2 6
 s k s k

<<<<<>>>>

::: M87

Two M87 intercepts, submitted by Igor.

10518 kHz, 2300 UTC, 31 March

651 651 651 651 651 651 651 651 651 651 000
 651 651 651 651 651 651 651 651 651 651 000
 651 651 651 651 651 651 651 000
 651 651 651 651 651 000

13000 kHz, 0700 UTC, 1 April

792 792 792 792 792 792 792 792 792 792 792 792 792 792 792 000
 792 792 792 792 792 792 792 792 000
 792 792 792 792 792 792 000

<<<<<>>>>

::: M89

V CP17 CP17 CP17 DE L9CC L9CC on 7058.5 kHz

<<<<<>>>>

::: M91

4820//3996 kHz, 26-3/28-3, 0700-1730 UTC
 2362//2852 kHz, 26-3/28-3, 1730-0700 UTC
 4820//3996 kHz, 29-3/30-3, 0600-1730 UTC (last heard)
 2362//2852 kHz, 29-3/30-3, 1730-0600 UTC (last heard)

M91 has been logged first time in May 1999 and then again in March 2003 on the same frequencies. (info: Fritz)

<<<<<>>>>

::: M93

This is a new station first reported by our friends at Monteria. The station's signal is mostly good in the eastern part of the USA. The signal comes from the south, says our correspondent. Cuba seems to be most likely location. But who is operating this station? Looking at the quality of the transmission, Cuba itself seems to be unlikely.

The station seems to have a daily schedule on 14377 at 2100 UTC. The speed is 15 wpm CW, probably machine keyed as it is very solid.

The messages are 5FGs. Each time it comes on the air, it goes right into traffic. Transmissions start with the letter "V" for 45 seconds, then 4x "M6". No preamble, no cut numbers or barred characters. Always addressed to "M6", at least we assume that M6 is the addressee. It sends no repeat groups; the transmissions end abruptly after the last group with // +.

VVV

M6 M6 M6 M6
 02954 35029 27279 67464 57864 15391 04827 54623 35229 92513
 20143 15756 42621 35254 44487 80904 10966 33450 79574 98086
 33550 73492 08294 49036 12587 19002 77918 76010 61003 02875
 16100 63145 57885 06138 43961 15847 38332 57292 68579 88330
 96040 15875 51610 34691 01193 68204 73565 34275 79196 67656
 23092 59354 81144 15454 57326 00425 65991 93218 43985 67418
 87994 43939 13360 51515 60645 77419 39565 24983 31499 87962
 72726 90182 53018 33182 07769 72930 10008 65424 14440 59670
 73511 91082 72615 44433 22126 51207 91256 11807 68514 30582
 74570 45197 87763 57715 04051 42414 02157 53647 96046 81781
 35698 25498 02154 98745 36587 36954 25847 48756 25845 79847
 23658 58475 03695 34587 02541 69587 34897 98745 65479 21452
 11115 36985 48598 59847 62313 75412 85479 92587 05874 36589
 01114 19874 24789 56984 45621 56984 62314 78954 82136 94568
 12354 26513 32541 45699 55694 65894 78955 82265 93254 05642
 / / +

<<<<<>>>>

::: MX

The "D" beacon has been activated after a period of silence. It was active on a number of frequencies as were most of the other beacons.

D: 5153.7, 7038.7, 8494.7, 10871.7, 13527.7, 16331.7
 P: 5153.8, 7038.8, 8494.8
 S: 4557.9, 5153.9, 7038.9, 8494.9, 10871.9, 13527.9, 16331.9, 20047.9
 C: 5154, 7039, 8495, 10872, 16332
 F: 10872.2, 13528.2
 K: 7039.3, 8495.3, 10872.3, 13528.3

WUN-v10

M: 7039.4, 8495.4, 10872.4, 13528.4, 16331.4

Channel markers:

P: 3291, 3699.5, 3837,

R: 4325.8, 5465.8

L: 3336.2, 4091.5, 6672.4, 8183 kHz; the latter two are harmonics.

Note that 3336.2 is often off frequency. Traffic heard on "L":

1559 UTC on 4091.5 kHz "APO APO APO QSY 2" (off)

1600 UTC on 3336.2 kHz "APO APO APO QSA ? K"

-0-0-0-0-0-0-0-0-0-0-

* VARIOUS MODES *

XSW 3828.9 kHz, Squeaky wheel channel marker.

S28 4625 kHz, the Buzzer

S30 3756 kHz, the Pip

XSL 4153, 4231.5, 4291, 6250, 6417, 6445, 8313, 8588, 8703.5 kHz,
the Slot Machine (Japanese navy)

M42 19880 kHz, Dep. of State Comms, Moscow, 24/4, 1230 UTC,
MFSK-32/CROWD36. Traffic on unid link.

-0-0-0-0-0-0-0-0-0-0-

* UNID STATIONS *

::: UXSF / Y8FI

Ex 4993 kHz, keying "UXSF" daily at 1600 UTC. Changed to 4632 kHz in
February now keying "Y8F1" at 1600 UTC daily for 2 minutes. Still no
idea who it is.

<<<<<>>>>

::: 67HG

This one was submitted by Igor:

9403 kHz, 0611 UTC, 14 April. Unid Chinese station.

vvv 67gh 67gh 67gh (R)

id id nr 2t1 1413 = 67gv/kmn8

id id nr 2t1 1413 = 67gv/kmn8

iii iii

<<<<<>>>>

::: 14772 kHz

14772 kHz, heard on 22/4 in the USA at 2130-2200 UTC. 14 wpm, 5FGs
(not ANDUWRIGMT cut #s). Ends with "123". The transmission was already
in progress so the preamble -if any- was not heard.

-0-0-0-0-0-0-0-0-0-0-

* MILITARY STATIONS *

::: CIS NAVY MORSE COMMUNICATIONS

Compiled by Fritz

We received a number of updates to last month's article. Enough for
Fritz to rewrite it.

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1. INTRODUCTION

Nowadays there still is much Morse traffic to listen to. And the Navy must have good reasons to do so - even aboard of aircraft. Morse CW is cheap and straightforward; many examples suggest, it often is used as last attempt in case of technical - or propagational problems with fast transmission modes. It is however absolutely clear: the vast amount of data is exchanged by transmission lines via satellite or landline, the keen CW listener is feed off with a few crumbs, don't expect to catch RIW daily on 11000!

Much of the following informations may be outdated, incomplete or even wrong. Please forgive me! I did browse my own loggings, many Navy Websites (with inconsistent contents), some WUN/N&O Newsletters, the archive CD of Klingenfuss Publications, Trond's website and tried to make the best out of it.

Thanks go to Tom DL8AAM, Ary and several correspondents who wish to remain anonymous, who came up with many useful remarks for the draft of this little work. If you do have additions, corrections, amendments - and there is no doubt, many do - please let the Editor know, thanks.

Fritz

Around 30 years ago monitoring the Soviet Navy Morse communications was very rewarding. Every flotilla had its individual "style". Comparing preambles, call signs or just some habits of the operators frequently allowed listeners to assign the messages unambiguously to a fleet and/or vessel.

Especially the Black Sea Fleet was easy to trace from Europe when they sailed Odessa. Much has changed since complicating the life of the inclined eavesdropper. Maybe one of the reasons of the modernization was the disastrous Warsaw Pact adventure in the former CSSR 1968. Serious supply gaps, due to comms problems, forced operators to order provisions even in plain Russian.

Years later WAPA came up with a common format of messages for all forces. It is well known and still in use at all tactical and point-to-point CIS networks:

162 30 18 1202 162 = 517 = ppppp 5ALG or 5FGx28 azkbz = 667 +
 (or 11111) (or 18028)

The preamble may include the senders callsign too. If the message is preceded by the (senders callsign) QTC the message is sent blind or broadcast (to a CQ callsign).

162 message number
 30 group count
 18 day of month
 1202 local time
 517 appointment code, a specific person or dept at the addressee

ppppp or 11111 encryption information
 5ALG/5FGx28 txt in accented letter groups or figure groups,
 normally encrypted.

Accented letters used in the text are:

Morse Code	spoken
ae .-. -	ja
oe --- .	ch
ue .. - -	ju
ch - - - -	sh

azkbz (or 18028 final group, date and effective groups in message or aeipwi)

The code of the final group is usually as follows and does not contain accented letters:

1	2	3	4	5	6	7	8	9	0
a	b	w	g	d	e	v	z	i	k

Another alternative with accented letters is this set:

1	2	3	4	5	6	7	8	9	0
ae	w	e	r	t	y	u	i	o	p

+ ar may be replaced by "k", "rpt al QLN +", or similar endings.
 QLN = rpt via landline

CIS Navy stations do use this format or variants, e.g. the last group is not coded, group count may differ by 1, etc. The same preamble is used for Meteo bulletins and Nautical warnings, which in turn, may originate from merchant shipping. As we do not know, to a large extent, the meaning of the call signs, it is not even possible to separate RUS and UKR stations positively.

Without professional DF-Systems, (my Grahn Loop definitely is not good enough) we often cannot assign stations to a geographical region. Even worse: Tactical networks in Russia and Ukraine normally change call signs daily (maybe every ten days). And be careful, when trying to distinguish stations on the base of the local time group: this is the message preparation time, which may differ by hours from the local transmission time. Navy Nautical warnings often have been issued the day before. Using "CIS" instead of RUS, BLR or UKR keeps me on the safe side. One of our correspondents is perfectly right however with his remark that tactical nets messages are less delayed than naval traffic. You wouldn't see "old" messages in their networks.

2. MAIN BRANCHES OF THE CIS NAVY

Should one include any numbers of ships, aircraft, etc here? They must be wrong, I knew in advance. which are correct figures? The following numbers come from sources on the net. I received (thanks a lot) however reactions, saying, that "all the numbers are GREATLY exaggerated in all of the fleets". Cutting the number by 2/3 should be ok. The

Pacific Fleet for example only has around 15 submarines and "less than 30 combatants of corvette size and up".

Headquarters

HQ Moscow Call sign RIW

Northern Fleet

HQ Severomorsk Call sign RIT
 a major repair/construction and trials base
 Naval Bases in Gremikha, mostly abandoned
 Ura Guba
 Litsa Gulf
 Severodvinsk
 Polyarny
 Home ports for 37 nuclear submarines
 22 other submarines
 47 principal surface combatants
 10 coastal and small ships
 Naval Aviation 20 Su-39 fixed-wing aircraft
 10 antisubmarine warfare helicopters
 Shore based aviation 200 combat aircraft
 64 helicopters
 Ground Forces 2 naval infantry brigades
 1 coastal defense regiment
 1 air defense missile regiment

Baltic Fleet

HQ Kaliningrad Call sign RMP
 Naval Bases in Baltiysk
 Kronstadt
 Home ports for 9 submarines
 32 principal surface combatants
 100 other surface vessels
 Naval Aviation 112 combat aircraft
 Ground Forces 1 naval infantry brigade
 coastal rocket unit

Black Sea Fleet

HQ Sevastopol UKR Call sign RCV
 Naval Bases in Odessa UKR
 Ochakov UKR
 Chernomorskoe UKR
 Novoozernii UKR
 Feodosiya UKR
 Naval Base near Novorossiisk RUS
 Home ports for 44 (*) surface combatant
 80 (*) auxiliary vessels

(*) Russian and Ukrainian sources state quite different figures. After the desintegration of the former Soviet Union 1989 a series of agreements arranged the Black Sea Fleets partition between Russia and Ukraine.

Pacific Fleet

HQ Vladivostok Call sign RJS
 Naval Bases in Petropavlovsk-Kamchatskiy
 Magadan, almost completely abandoned by the Navy
 Sovetskaya Gavan, greatly abandoned
 Home ports for 50 nuclear submarines
 25 non-nuclear submarines
 65 major combatants
 Shore based Aviation 250 combat aircraft and helicopters
 2 Bomber regiments

Ground Forces 1 Naval Infantry Division, later reorganised into brigades

Caspian Flotilla

 HQ Astrakhan Call sign unknown, if any
 Naval Base in Aktau KAZ
 planned in Fort Shevchenko RUS and in Aral RUS
 Home ports for 2 frigates
 12 patrol boats
 50 other small vessels

The Caspian Flotilla is a small fleet for coastal defense and waterways patrol. Command and equipment are shared with Azerbaijan and Kazakstan.

Mediterranean Eskadra

 HQ Tartus SYR Call sign unknown, if any
 Naval Forces 1 aircraft carrier
 1 destroyer
 1 frigate
 1 tanker
 some nuclear submarines with SLBMs

The Warsaw Pact ceased to exist in 1991 and the powerful Soviet Mediterranean Eskadra withdrew from the Mediterranean. In 1996 battle ships, guided missiles cruisers and some auxiliary ships of the Russian Navy for the first time again deployed in the Mediterranean to show flag. Since then Russian Navy ships came back to monitor the crisis in former Yugoslavia and for bilateral operations with the US Navy.

Our expert commentator makes the additon however, that today the "Med Eskadra is defunct, and definitely has no carriers, destroyers or SSBNs with SLBMs on board". In Tartus "is always one ship" - sort of auxiliary. Not heavy Morse traffic to be expected thus, I guess.

Naval Air Force (Aviatsiya Voyenno - Morskoye Flota AV-MF)

Headquarters

 HQ Moscow Call sign RJF94 (*)

Black Sea Fleet Naval Aviation (VVS ChF)

 HQ Sevastopol UKR Call sign RJC48 (*)
 Bases in Gvardeyskoye UKR
 Veseloye UKR
 Oktyabrskoye UKR
 Kulbakino

Baltic Fleet Naval Aviation (VVS SF)

 HQ Kaliningrad Call sign RCB (*)
 Bases in Chkalovsk
 Nivenskoye
 Bykhov BLR

Northern Fleet Naval Aviation (VVS NF)

 HQ Murmansk Call sign RJC38 (*)
 Bases in Olenia
 Arkhangel'sk
 Severomorsk
 Kipelovo
 Kuznetsov, (comment: aircraft carrier, not an
 airfield)

Pacific Fleet Naval Aviation (VVS PF)

HQ	Vladivostok (?)	Call sign RCH84 (*)
Bases in	Petropavlovsk Sovetskaya Gavan	

(*) These call signs actually are in use. The allocations would make sense, but are absolutely not confirmed.

Another, quite trustworthy approach I found elsewhere:

RJF94	HQ Naval Air Transport
RJC48	Naval Air Transport Southern Sector
RCB	Naval Air Transport Western Sector
RJC38	Naval Air Transport Northern Sector
RCH84	Naval Air Transport Eastern Sector

3. CIS NAVY HEADQUARTERS MOSCOW CALL SIGN RIW

RIW is more or less regularly on the air. It listens on several frequencies and answers on 14556 11000 9145 in first instance. Two or all three frequencies may operate in parallel.

Many examples of traffic suggest, RIW prefers to use CW if propagation or technical problems do not allow the use of fast transmission modes. RIW operates very smart, keeps calling for a long time, reduces speed and even uses words in plain. If the station does not comply with regulations, RIW will tell him soon or even pretend not to understand, thus making the station repeating over and over again the text. The signal becoming weak or nil may mean RIW turns antennas and you may be nulled-out. Don't draw a line from Moscow to your QTH, making guesses: RIW is a function (HQ) and not a transmitter site. Smolensk is just one possibility. Khiva, a large military site and a preferred target for US eavesdropping from former Persia, is situated south of Lake Aral and often mentioned to use RIW. It is not a naval installation however.

As one of its main purposes, RIW allocates frequencies for further traffic, which in many cases is in voice. Two systems are known:

1. "Yakhta" a Voice Scrambler with its typical superimposed 100 Bd FSK signal for key exchange
2. MS-5, a parallel 12 tone 200 Bd Voice Encryption (VOCODER) system, easy to recognise for its pilot tone 3300 Hz above the signal frequency. I was told, a new MS-5 variant is under tests presently. Leif heard it in March 2004 on 7687 kHz with 20 75 bps tones and the pilot tone. If data have to be transmitted CIS Navy would use
 - Navy Broadcast 36-xx (Bee). A synchronous bit stream FSK system starting with 36 Bd. Tfc is in higher speed. (See the note about station RDL).

CIS Navy possibly uses one or several systems of

- Simplex RTTY like CIS-81, CIS-36 MFSK 33 tones or
- Duplex RTTY like CIS-11, CIS-14, etc, systems which are in wide use in RUS Intel and other CIS Forces. The 81-81 two-channel system still seems to be quite "popular", the single-channel variant with 40.5 Bd however less (tnx to the experts for infos), as my knowledge and equipment are just below basics to tell anything clever about that topic. Please consult "WUN's Digital FAQ" with good system descriptions and Baudrate tables.

Examples of traffic with Navy HQ:

For MS-5 traffic RIW would use the following instructions

14556	15.8.03	1410z	RFH70 de RIW QSA2 QSA? k	(no answer)
		1425z	RFH70 de RIW k	(no answer)
		1437z	RFH70 de RIW k	
		1447z	RFH70 de RIW QYT4 QWH 9700/9700 =	

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9700 1450z 12056/12056 QSX 8440/8440 = 12414/12414 k
14556 1500z MS-5 tfc
RFH70 de RIW QYT4 QMO ok? k
RIW QLS ok? k
.....

CIS Forces use an extended set of Q-Codes. Some are known, many others not. Accented letters are not used. Recently I noted the use of "new" Z-Codes. They just replace Q with Z, e.g. ZTC = I have message for you. Doesn't make it easier for us...

QYT4 I will use MS-5 system
QWH 9700/rptd = 12056/rptd I will send on 9700, alternatively on 12056
QXS 8440/rptd = 12414/rptd I will listen on 8440, alternatively on 12414
QWH 9700/8536 = 12056/12572 would mean: The link will run with two parallel frequencies. Doesn't seem to be as popular as it was once.
QYT4 QMO Adjust your MS-5 system
QLS Use (upper) alternative frequency or change frequency!

Luckily we can hear one of the CIS Forces xxx Flash Messages

14556 11.8.03 0730z uuu uuu uuu xxx xxx REO REO 89292 bogarnyj
731 00611 k

uuu - The Cyrillic "Y" used as vvv ?
Friendly people told me, "uuu" gives the message a status less urgent than xxx.

REO - Collective call, unit unknown.

5383 16.11.03 1730z WLHN de RIW xxx xxx IA6N IA6N longbanit
2174 5893 k

WLHN - Is believed to be a collective call.
k - Individual units are asked to confirm.

Messages in the normal CIS format are sent from time to time

14556 11.8.03 0800z RDND de RIW QTC k
RIW 973 22 11 1105 973 = ppppp (5ALG) rpt al RIW k
.....

If a station does not reply fast enough or has other problems, RIW will keep it waiting or will tell it.

10676 11.8.03 0850z RJK69 de RIW QYT4 QSX 9733/9733 = 11094/11094
QWH 12746/12746 = 14600/14600 ok? k
RIW de RJK69 QRS rpt k
RJK69 de RIW QCZ k
RJK69 de RIW QYT4 QSX 9733/9733 = 11094/11094
QWH 12746/12746 = 14600/14600 ok? k

QRS - send slower
QCZ - You are violating circuit discipline.

Other possibilities might be:

QCA - You are delaying traffic.
QXX - Op hampers traffic, request relief.

Quite often RIW relays messages to others

14556 11.8.03 1400z RFE76 de RIW QTC 411 66 11 1607 411 = sml =
fm RMP = rrrrr (5ALG) RIW k
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.....

sm1 - Priority status, a precedence higher than routine.

Another example of RIW traffic

14556 10.12.03 0930z RIW QSA? QTC k
 RIW 21 22 10 1305 21 = 11111 (5FG) =
 rpt a1 + RIW

 RIW rpt corcol 5 17449 k
 RIW c k

14556 0950z RAL68 de RIW QRC? k
 RIW 416 121 9 0516 416 = fm RIT for RMLZ =
 5ALG RIW k

.....
 rpt corcol 5 - I repeat group 5
 QRC ??

Did something go wrong?

14556 7.1.04 1606z RGV82 de RIW QSU1 QSX 8228 ok? k
 8228 USB Voice Plain RUS
 14566 1618z RGV82 de RIW QSU1 sk RIW k

.....
 QSU1 - Use USB Voice Scrambler or Use Morse. There are several sets of meanings in different CIS forces.

This time again it lasted a long time to establish a MS-5 QSO.

14556 30.1.04 0915z RMZW de RIW QYT4 QSA4 QSA? k
 RIW QLS QYT4 QSX 12398 ok? k
 RIW QCM QYT4 QCM k

12398 0958z tfc MS-5

.....
 QCM - Your transmission is affected by technical problems.

RIW ITU registrations amounts to 76 frequencies. The following may be worth to try.

14556//11000//9145	RIW exclusive, primary listening/answering
-----	-----
4956	10676
5128	10825
5383	12056
7580	12329
8523	12736
8536	12746
8678	12825
8788	12948
9523	13086
9573	13110
9700	14024
10176	14086
10388	14600

RIW has contacts to many stations, some of them are listed here. Most of the call signs I cannot assign. Namely the meaning of collective calls are of vital interest to get any further.

The RMxx calls are most probably Naval vessels, but this is not the case for ALL RMxx calls: RMXV, RMEG, RMDZ, RMBB, RMLZ, RMUE.

R*** probably Naval Vessels: RBIZ, RCJG, RCRE, RDND.

RMP HQ Kaliningrad
 REO Collective call (units unknown)
 WLHN Collective call for Naval Vessels (units unknown)

Navy call signs, nowadays some warships appear to use this format too:
 RAL46, RAL59, RAL68, RFE76, RFF78, RFH70, RFV99, RFX56, RGV82, RJH25,
 RJH57, RJK69, RJT22, RLA88.

4. THE NORTHERN FLEET HQ (RIT)
 BALTIC FLEET HQ (RMP)
 BLACK SEA FLEET HQ (RCV)
 PACIFIC FLEET HQ (RJS)

Due to propagational reasons I wasn't lucky enough to copy RJS so far. RIT didn't appear often in my logbook recently. RMP and RCV clearly favour certain frequencies and their weather Forecast - or Nautical Warnings Broadcasts can't be missed. They are sent in plain language and seem to correspond to those transmitted by Coastal Stations. The header used is the normal preamble. RCV is nearly daily on 5775 around 1600z. We may assume, that the call signs RKZ and REO used for Fleet Broadcasts are collective calls. Knowing collective calls used by RJS would help us much. Sometimes HQs maintain contact with other stations. Traffic may be Duplex - or Simplex Mode. Messages are 5FG or 5ALG with or without encryption group and coded end-group. Coincidence or not: I never copied these HQs with an xxx-message.

Some examples of traffic follow:

5224	12.2.03	0440z	RGX94 de RCV QTC 726 40 12 0450 726 = nawip = txt is Naut. Warnings + nawip - often used, similar to outdated NAWS of NATO ?
4079	12.2.03	2050z	RKZ de RMP QTC 104 23 12 2222 104 = fm RJD69 = 22222 5FG(x21) 12021 + RJD69 a special call sign, very often used
6873	24.11.03	1533z	RJD69 de RMP QYT4 QSX 5456 k RJD69 - this time called as station
3181	11.5.03	2037z	ZRK7 de RMP QTC 281 22 12 0012 281 = fm RJD69 = 5FG(x23) k ZRK7 - A tactical callsign, as used by the Baltic Fleet warships.
11155	13.4.03	1421z	ROK81 de RIT QTC 607 27 1754 607 = sml = 4FG = + RIT k ok k ok QRU k 4FG - rare, but it happens.
11155	4.3.04	1515z	RKW95 de RIT QSA1 QSA? k RIT QRV k (receives msg number 809) RIT QSL 809 k r k
11155	6.3.04	1420z	same as 4.3., daily routine messages?
6873	14.7.03	1530z	RMAE de RMP QSX 4948 QWH 3685 k RMAE - Naval Vessel

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5916 9.12.03 1540z RKZ de RCV QTC 179 114 9 1600 179 = prognoz
pogody ot 1800 9 do 1800 10 dehabrä ...
(Meteorological Bulletin)

6873 8.2.04 1550z REO de RMP QTC 671 41 8 1815 671 = sml =
baltijskoe more opoweqenie nr 490
(Nautical warning)

4055 13.2.04 1645z RIC87 de RCV QTC 168 37 13 1600 168 = nawip =
031 256 karta 35120 ukraina
(Nautical warning)

N&O Newsletter Nr.70 received this logging:

7632 ?? 0030z RJS QSL QRR3 vvv vvv
later RGK39 de RJS QSA? k
0600z QSO RJS with RMAZ and RJQ60

Some current frequencies:

RIT: 5343, 6934, 7467, 11155 kHz
RMP: 3181, 4079, 5213, 5881, 6873 kHz
RCV: 4055, 4885, 5224, 5775, 5916 kHz
RJS: 3594, 10203, 13636, 13907 kHz

RIT recently had QSO with: RLA88, ROK81, RKZ, RJI64, RMLZ, RFE76,
RJD80, RKW95
RMP recently had QSO with: REO, RIW, RJD69, RKZ, RUD76, RMAE, RGS57,
RKF80, RJI64, ROK81, RFF79, RGV82, LFJ1,
ZRK7
RCV recently had QSO with: RCJE, RHC84, RKZ, RGX94, RBE86, RMBB,
RIP90, RIC87

Other call signs beginning with R*****

There are MANY other call signs of which it is not clear, whether they really are Navy calls. Many can be heard having QSOs, others are somewhere listed, but never have been copied. Here follow a few examples:

3LG call signs

 RAC: Navy Collective Call of RJS?
 RAM, RIF, RKS, ROT: Moscow Navy
 RCN: Stepnyak Unid
 RFA: Astrakhan Unid. Coastal station?
 RIB: Moscow Unid
 RJV: Tiksi Navy
 RKL, ROD: Murmansk Navy
 RMG: Saratov Navy
 RMT: Chelyuskin Navy Antarctica
 ROR: Nizhniy Novgorod Navy. N.N. was Gorki
 RUA: Petrozavodsk Unid. Coastal station?
 RUF: Sevastopol Unid. Coastal station?
 RUT: Unid Navy
 RUH: Unid Unid

4LFG call signs (I think not all are Navy)

 RAL2, RFH2, RDU2: Interesting ones, sometimes hopping around on many frequencies. NCS is RAL2 asking "QSA" and, if satisfied, tells next frequency. Testing frequencies?

REK4: Unid
 RFP8: Povorothny
 RFR6: Pioner Sovkhoz
 RKA2: Unid
 RHW2: Unid

RL02: Unid
 RMW2: Unid

5LFG call signs (May be Mil, Meteo, TS, Intel, Mil Navy)

RAL46, RAL59, RAL68: Navy
 RFF78, RFF79: Navy
 RGX94, RGX96: Navy
 RJD80, RJD85, RJD99: Navy
 RMW32, RMW33, RMW36: Navy

One of the comments that I got: "...not all Rxx## calls are vessels and not all are Navy.... They pick and choose. Shore stations use Rxx## calls too".

5. NAVAL AIR FORCE AV-MF

Please remember the reservation made in 2. concerning call sign allocations and the correct designation of these forces.

8816 kHz is allocated to Aeronautical Mobile Services for the following Regional And Domestic Air Routes Areas:

4A	North West Africa
6G	China
12C	Mexico
13J	Brasil
14A	South of Australia

8816 is regularly, but obviously illegally, used by CIS Naval Air Forces. Consequently their Four-Letter Location Indicators are for "internal" use. XLLS, XMKK, etc apparently are used because ICAO did not assign the X*** series. ULOL Velikiye Luki, a town about 400 km West of Moscow, is often served and does belong to the Russian Federation Series UL** of Location Indicators. UMWS most probably is an airport in Kaliningrad or Belarus, but not officially listed.

Let's have a look at the following example. Aircraft 26855 reports his flight from location XMKK to location XMKK. On its way it passes UMWS and ULOL and will, later in the evening, return to XMKK. Reports are made to the Regional Air Traffic Control RCB and to the HQ RJF94. Both stations do repeat the whole message until acknowledgement by the mobile.

8816 kHz, 30.01.2004

1535z RJF94 RCB de 26855 QSA? QTC k
 26855 de RJF94 QRV k
 26855 de RCB QRV k
 26855 QTO QTR 1525 QRD XLLS XMKK QRE UMWS 1625 QAH 5700 k
 (RJF94 repeats message) k
 26855 ok k
 (RCB repeats message) k
 26855 ok k

1624z RJF94 RCB de 26855 QTC k
 26855 de RJF94 QRV k
 26855 de RCB QRV k
 26855 QQL UMWS 1622 QRE ULOL 1720 QAH 5700 QBD 0330 k
 (message repeated and acknowledged)

1715z RJF94 RCB de 26855 QTC k
 26855 de RJF94 QRV k
 26855 de RCB QRV k
 16855 QQL ULOL 1710 QAL XLLS 1805 QAH 5400 QBD 0300 k
 (message repeated and acknowledged)

1800z RJF94 RCB de 26855 QTC k

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26855 de RJF94 QRV k
26855 de RCB QRV k
26855 QQM XLLS 1806 k
(message repeated and acknowledged)

2005z RJF94 RCB de 26855 QTC k
26855 de RJF94 QRV k
26855 de RCB QRV k
26855 QTO 1950 QRD XMKK XLLS QRE ULOL 2100 QAH 5400 k
(message repeated and acknowledged)

(continued....)

Official Q-Code series as well as CIS Codes are used:

QTC I have message for you.
QRV I am ready.
QTO I am airborne or I started at ... (hours).
QTR The time is ... (UTC used).
QRD I am bound for ... from
QRE Estimated time of arrival at/over ... (place) is ... (time).
QAH Flight level/altitude is ... (in meters or
barometric pressure in a standard atmosphere)
QQL I have passed ... (place) at ... (time).
QBD Fuel endurance is ... (hours and minutes).
QAL I estimate to land in ... (place) at ... (time).
QQM I will land in ... (place) at ... (time).

The following contacts have been logged:

Aircrafts 26858, 26855, 26896, 26869, 52880 had QSOs with the ATCs and HQ. RJF94 had QSOs with the ATCs. The ATCs had QSOs among themselves. Only RJC48 once contacted a "foreign" station: RDG90.

6. THE STATION RDL

Listening to the CIS Forces communications without copying sooner or later RDL is rather unlikely. Officially it is listed as CIS Military HQ Moscow and many transmitting sites like Molodechno, Smolensk, Arkhangelsk, Krasnodar, Tashkent or Nizny Novgorod show up. A reasonable conclusion suggests RDL does form part of a VLF network together with RLO (St. Petersburg) and RKS (Moscow), both belonging to the CIS Navy. I believe RDL has to do with the CIS Navy, but unfortunately don't have any information about RKS and RLO.

RDL officially is listed on 19 frequencies, probably not all the right ones for the inclined listener Try these (no guarantees here):

4031, 6902, 7008, 7657, 9182, 10535, 10490, 11139, 11468, 11470,
12740, 12832, 14300, 14656, 14664, 19257.5, 20096, 21284, 22864 kHz.

The most popular frequency however is 18.1. RDL is regularly on the air, traffic is on both in Morse CW and BEE/36-50 (a FSK synchronous bitstream system, starting with 36 Bd, then changing to 50 Bd) for Navy Broadcasts and maybe other military branches. If you attempt to copy RDL on 18.1 be careful: the French Station HWU on 18.3 may interfere. With a ferrite rod antenna HWU is nulled out (hopefully!). Never mind, if your receiver doesn't cover 18.1. Often enough other frequencies are in parallel, e.g. 12832 or 19257.5. Patience is required!

Some sample messages of RDL:

18.1 29.1.04 0945z uuu uuu RDL RDL RDL
88732 32267 88732 32267 88732 32267 k

A very common format, always two 5FG rptd. The "uuu uuu" bit indicates it is routine. It has

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been suggested, these messages may be compared with the status messages of the G and NL Navy, just a sort of authentication, checking whether everything is ok.

18.1 29.1.04 0917z xxx xxx (then continues with 36-50)

XXX sent in Morse indicates a flash message. I do have my doubts however - there are so many of them. We may assume anyway, XXX should get attention for a message of high priority. (note; the XXX messages can be compared with the USAF EAM's. There are many EAM's a day, therefore the number of XXX messages is not a criterion. -Ary-)

10535 16.3.03 1500z XXX RDL 54837 33099 bajdvarahi 4572 9942 k (x2)
uuu xxx 12746 51118 birüzomyj 8887 0840
birmanskir 0495 5997 k

22864 16.2.04 1009z XXX XXX RDL RDL 20699 werwica 5690 01 1357 1247 k

7657 18.2.04 1610z XXX XXX RDL RDL 25120 08122 oteoina 2928 4286 k

Listeners delight: many xxx msgs on RDL. What are they meant for? They seem to use a certain set of codewords, some of them show up again after years and on different nets. Example: "ESUP", you'll find it back into the 90ies. XXX is like snooker: thrilling to watch, but I have no idea about the rules.

I never copied RDL having contact with an individual call sign or using the usual CIS preamble.

RDL seems to be of great importance, understanding its habits would bring us ahead considerably.

<<<<<>>>>

Logs and info supplied by Fritz, Jim, Sergey, Maciej, John

Freq.	QSX	Callsign / remarks
18.1		RDL; Russian Military VLF Site Krasnodar.
3263	3263	DVB4, A66J, 8UYB, SJJQ, IVZ7
3334		DCAL, TSTW, 2AKF
3348		MFDX, 8PNT, 9PYZ
3363		SQQJ, 1BOS: SJJQ 6
3538		TD2P, MICX, 004P, FAMR, 76SG, 5UHP, MBQ1
3884		3KQL, RGB6, TENC, CXDD, T3T6, CUFY, PTXD, IPAE, X7LK, P5KL, JNXX, V9FX, JMXX
3954		?
4021		1TDU, ATPE, 6GNJ, MHYR
4051		AI1R, FS1P
4379		REA4: AFHQ Moscow //5157 kHz
4446		RDL
4447		3LTT, 6NTL, C13N, CS4U, 5GOF, YFAK, TBTG, 4E7K, BRBS
4456		7PNI, QC1Q, SCZI, CQMT, BJ9X, XCJ2, CPYU
4503	4503	B9Y9, NKT6
4898		ZM1E, PNTP
5157		REA4: AF HQs Moscow //4379 kHz
5407		8Q6T, BCIP, ZS76, PV2A
6329	6329	RHC93 wkg RIR2 with scrambled morse setup ZZV ZD3 ZD3 K. ZDS ZZT. LVVMMMLKLMVKLVLL ... IMRX DRUACU.
6339		ZRI1, NB2W, 5TOB
7003		RGT77 RGT77 = 3LG = 5ALG k
7041		DFYQ, BCTP, QHNV, 4TS4, LJ6J, GO6V, X18H,
7050		LG5Q

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7056 NN4W, 9HAZ, L44V, NIBS, MGIE, Y65I, 9AW9, WO4N, 5GXS,
 F6EF, 5GXS, 5ZOK, GIJ2, WKPT
 7932 OLFA, WKGK
 7964 3H2K, EGYE
 13004 F5MQ, LEV1
 13843 YTOS
 14300 RDL: "UUU UUU RDL RDL 21288 91676 k"

- Sample messages:

188 25 2 0108 188 = ZVT 857 = PPPPP ZIHoF ... TaACU PWPWP = 209 K

759 50 1 2252 759 = ZUT 117 = PPPPP JaEAa ... uTlSG PaPRY = 617
RPT AL K

677 29 3 0048 677 = 936 = ohonC Mmmmm UBWBS ... MKhVZ PEPWY = 475
RPT AL K

LEV1 de F5MQ ZUP ZUZ ZUP ZUZ K. AS. NW FOR QRJ? K

PNPT PNPT PNPT DE ZM1E ZM1E QTC 737 62 8 1738 737 = 867 =
44327 68943

TSTW de DCAL ZXO ZUO ZFK ZUO ZUL ZFN QRR3 K. OK K. R K.

- Unid

This unid station is possibly also a CIS military station (see also last month's unid VTI8).

"No trace of VTI8 bcsts at 55-05 and 25-35 minutes each hour today (5 April)" says Attu. "However, at 07-17 and 37-47 minutes each hour, callsign SF03 was active on 3699 kHz.

<<<<<>>>>

::: POLISH MILITARY

Freq.	Callsign
2028	Centrum01
2705	UWAGA! UWAGA! Tu Warmia, Angora Tecza Izera Fala 8307. (Air Defense, Malbork -unconfirmed-) UWAGA! UWAGA! TU Hawana, Hawana. Exercise??? (Fighter Squadron in Poznan/Powidz region -unconfirmed-)
2448	Uwaga Tu Warmia", same tx as on 2705 kHz.
4146	unid Polish navy
7783	Polish military in Bosnia.

-0-0-0-0-CONET-0-0-0-0-

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UTILITY ROUND-UP #####
 Editor: Ary Boender (ary@luna.nl)
 Nickname on #monitor & #wun: Ary-B

It is spring and the sun is shining here in the Netherlands. I decided to buy myself a Sangean ATS909 with an external antenna so that I can listen in the garden this summer. I will tell you more about this radio in the next few months.

The conditions for Asia were very good during a part of the month which made me tune in to broadcasting stations from that area. I had not done that for quite a while! Another part of the hobby that has been dormant for a long time is NDB-dxing. On April 16, I noticed

that we had excellent conditions on LF, so I decided to go hunting for beacons. The results were very encouraging and I copied 9 new stations that night, amongst which my most distant NDB-catch so far: "CH" in Chemiakhiv, Ukraine (1688 km).

Now that "we" finally have an astronaut in the ISS, you will probably not be surprised to hear that I have been listening for ISS comms as often as I could. You can read all about it in the Space Comms section.

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Here are the highlights from the monthly IARU Monitoring Service reports. I have selected a number of African and Asian stations that are frequently on the air. I assume that many stations like these also operate in South America but we seldom receive reports about these stations. May I ask listeners from this part of the world to keep an ear and eye open for non-official traffic, police stations on HF, and everything that is non-digital or maritime or aero related? Your logs are most welcome!

- 7005 Christian missions in Tanzania. Callsigns: Dodoma, Mbesa, Dar es Salaam, Mtwara, Tunduru, Masasi, Njoka, Maningo(?), Songea. Languages heard on this net: KiSwahili, German, English.
- 7023 Unid net operating in northern Tanzania. Callsigns: Serengeti, Arusha, SOPA, Mpwapwa, Mavera(?), Shabani.
- 7045 Tanzania Electricity Supply Co. 30+ stations in Tanzania
- 7050 Unid NGO stations from Rwanda, Somalia and possibly Uganda and Ethiopia. Also links with Mozambique. The locations are coded like Alfa, Golf, etc. Callsigns: A, AA, BB, J, K, D, DG, Kigali, GA, W, WA, 54. Languages used were English, French and Italian.
- 7092 Unid net from Sudan. Traffic in English and verbal morse.
- 14000 Unid medical NGO stations from Zaire, Sudan, Somalia and Uganda.
Callsigns: BI, ML, FM, SL, Zero, Quarante, 95, KE, CC,CE,CJ, CM, Goma, JM, JK, CN, KT, JA, DK, KM, MM, DJ, BC, NI3, YL, AL, K1, NI, Mai Mai, YL, SV, Kasungu, NBI, JT, AR (Arua). Languages on the net: English, vernaculars, KiSwahili and Dholuo. There is a definite connection with Kenya. Medical traffic in phonetics. Also on 12000 kHz LSB and 14450 kHz LSB.
- 14114 Unid Somalian net with stations in Somalia, Kenia and Djibouti.
Callsigns: Afmadu, Merere, Galkayu, Mandera, El wak, Nairobi, Djibouti, Dobleh Boccaro, Baidoa, Dusa Mareb. Phone patches. Nairobi called frequently.
- 14135 Medical NGO in Kenia, Zaire, DR Congo and possibly Sudan.
Callsigns: El Der, Baidoa, Mogadishu, Nairobi, Bossasso, BA, BM, AA, CM, CN, CE,OK, OH, CH. Languages heard on this net: English, Italian and KiSwahili, medical NGO.
- 14340 Unid Somalian network with stations in Somalia, Kenia, Eritrea and Djibouti. Callsigns: Afmadu, Dobleh, Bardera, Hargeisa, Kismayu, Boccaro, Mogadishu, Djibuti Mandera, Nairobi Asmara. Phone patches.

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7000, 7012, 10112 kHz: Pirates, possibly from Indonesia, singing, whistling, rapid chatter.

7000, 7012 kHz: Traffic in Spanish, playing music, chatter. Possibly fishing ships near the Philippines.

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* ALL AUSTRIAN CONTEST *

We learn from Tom that the Austrian telecommunications authority has issued a special permit for public service stations to take part in the annual domestic ALL-AUSTRIAN-CONTEST (AOEC) on 1 May at 0500-0800 & 1400-1700 UTC. Participants, apart from radio amateurs, are the police, military, customs, red cross, NGOs, State Department etc.). This inter-service part of the contest is to train operators from all radio services to interact in case of an emergency situation and to understand shortwave conditions.

The official rules of this contest can be found on the contest page of the national Austrian HAM society, the OeVSV (www.oevsv.at)

Callsigns / Prefixes

OEC - State Department
OEY - Military (e.g. OEY632)
OEH - Red Cross, etc. (e.g. OEH6101)
OEP - Police (e.g. OEP213)
OEN - Customs (e.g. OEN6000)

Tom has QSL cards of previous contests and info about the event on his home page at <http://people.freenet.de/troesne/index.html> (go to Amateur Radio -> Interservice)

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* RELIGIOUS PIRATE *

Another one from Tom. He found the infamous Italian religious CW pirate with a new callsign on his usual frequency 6998 kHz. For years this pirate has been using the fake Vatican callsign HWK7 but he now uses the callsigns of the former Portuguese maritime station CPRM: CUA43 and CUA69.

Transmissions consist of the same sort of messages that were transmitted under the HWK7 call: "vuv vuv de CUA43/CUA69 CUA43/CUA69" interrupted by religious texts in Italian, like "... condazione internazionale...santa casa" and "... == ici santa casa italia ==" and "nr. 11 /LA = 17/04/2004 == a palestrina vicina roma, sista costruendo un santuario in ... e gloria dello' spirito santo ...==... de CUA43/CUA69 CUA43/CUA69"

-0-0-0-0-0-0-0-0-0-0-

* SPACE COMMUNICATIONS *

The International Space Station has a new crew. The new commander is Gennady Padalka from Russia. Also new is NASA science officer and flight engineer Mike Fincke and a visiting researcher, European Space Agency astronaut, Andre Kuipers of the Netherlands. Padalka and Fincke will stay up there for 6 months, while Kuipers will return after 9 days with the old crew commander Mike Foale and the Russian flight engineer Alexander Kaleri.

Andre Kuipers is participating in an educational project in the Netherlands and can be heard almost daily when he is talking to the school kids and students while passing over the Netherlands. I have heard him myself and must say that it was very nice to hear a fellow

WUN-v10

countryman talking to us from the ISS. The frequency used is 145.8 MHz NFM. I have put a recording on my website. It is in Dutch of course:

<http://home.luna.nl/~ary/test/ISS-040423-0751.mp3>

Andre Kuipers (callsign RI9ISS) uses the amateur radio station onboard the ISS (callsign NA1SS) which comprises of several units. According to the ARISS website the initial unit is a handheld VHF transceiver that is located in the Functional Cargo Block, the Zarya. The phase 2 unit is located in the Service Module, the Zvesda. This is a multiband and multimode station.

Apart from the amateur station on 145.800 MHz, the crew can regularly be heard on 143.625 MHz. When the Soyuz returns to earth you should also try the frequencies of the Soyuz: 121.75, 166.000//922.763 MHz.

More info about the ISS and the amateur radio station onboard the ISS:

<http://spaceflight.nasa.gov/station/reference/radio/>
<http://users.skynet.be/fa059641/>

The weather satellite virus has got hold of me. My Nimbus 137 receiver is permanently on as is WXtoImg, which is my favorite wx-sat decoding program by far. Three NOAA satellites currently transmit APT on 137.500MHz (NOAA 12 and NOAA 15) and 137.620 MHz (NOAA 17). When the conditions are good I must be able to "see" the Canadian east coast. I have seen a glimpse under the clouds on one picture. When you record a couple of passes of the satellites you can see quite a large area. To give you an idea: from my home in the Netherlands I can pick up the NOAA sats' pictures that cover the area from Canada's east coast's most western point, Russia and Ukraine in the east, northern Africa in the south and Iceland and Greenland as most northern points. I have uploaded a couple of pictures to <http://home.luna.nl/~ary/test> so that you can see what I mean.

Art writes "I have a Yupi-7100 and wxSat but for some reason I never get a clear picture." I think that the bandwidth of your scanner is the problem, Art. An APT signal needs ca. 40 kHz of bandwidth. Most scanners have 15 and 180 kHz bandwidth which is either far too narrow or far too wide. Another important thing is the recording level. You need to calibrate your wxsat recording level (volume settings) to get a good quality recording and good images. Finally the antenna. You write that you are using a discone. That should be enough. I have been using one for a while and it worked fine but a crossed dipole or a quadrifilar helix antenna are recommended. I have switched to a crossed dipole for weather sats and the pictures are much better now.

-0-0-0-that's all folks-0-0-0-

WUN LOGS COLUMN

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April 2004
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Edited by Eddie Bellerby (edward.bellerby@btinternet.com)
ably assisted by the following logs collectors:-
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00018.1 RDL: Russian Military Krasnodar VLF Site 1138 36-50/50/65
Routine T600 message. (03Apr04) (RGA)

00018.1 RDL: Russian Military Krasnodar VLF Site 1554 36-50/50/65
T600 messages. last leadin JYFMN. (20Mar04) (RGA)

00018.1 RDL: Russian Military VLF Site Krasnodar 0922 36-50/50/65
Revs and mark. Three routine T600 messages at 1029z.
(09Apr04) (RGA)

00018.1 RDL: Russian Military VLF Site Krasnodar 1038 36-50/50/70
Routine T600 message. (31Mar04) (RGA)

00068 GBY20: DCSA Plymouth via Skelton VLF Site 1345 RTTY/50/70
Airsitrep to all submarines copying. (22Mar04) (RGA)

00068 GBY20: RN DCSA Plymouth via Skelton VLF Site 1236
RTTY/50/70 Idling with NAWs POF004 strings.
(27Mar04) (RGA)

00068 GBY20: RN DCSA Plymouth via Skelton VLF Site 1600
RTTY/50/70 On mark. No traffic. (20Mar04) (RGA)

00068 GBY20: UK SUBCAMS/DCSA Plymouth via Skelton LF Site 1027
RTTY/50/70 LF support SVCs to all copying. (31Mar04) (RGA)

00068 GBY20: UK SUBCAMS/DCSA Plymouth via Skelton LF
Site 1029 RTTY/50/70 NAWs POF065 strings repeated.
(03Apr04) (RGA)

00082.8 MKL: RAF No 2 Group MATELO Bcast via Crimond VLF Site
1032 NATO-75/75/70 Routine blocked messages.
(03Apr04) (RGA)

00129.1 DCF49: E-FR GmbH Mainflingen GER 1519 ASCII/200/240 16
'telegrams' Time correction -00:59:58. "DCF39/49 telegram
#12: Sat 20/03/2004 16:19:00 winter time diff =
-00:59:58". Electricity load-management facility.
(20Mar04) (RGA)

00139 DCF39: E-FR GmbH Burg Magdeburg GER 1505 ASCII/200/240 16
'telegrams'. Time correction -00:59:58. "DCF39/49
telegram #9: Sat 20/03/2004 16:04:58 winter time diff =
-00:59:58". Electricity load-management facility.
(20Mar04) (RGA)

00147.3 DDH47: DWD Hamburg via Pinneberg LF Site 1548 RTTY/50/70
Sea and wind states in EE. (20Mar04) (RGA)

00277 CHT: Chiltern G 2156 CW. (16-4-2004) (AB)

00284.5 DY: Duesseldorf D 2159 CW. (16-4-2004) (AB)

00327 MVC: Merveille F CW. 2202 (16-4-2004) (AB)

00339 ZL: Maastricht HOL 0711 CW. (17-4-2004) (AB)

00347 MTN: Manston G 2151 CW. (16-4-2004) (AB)

00360.5 MAK: Mackel BEL 2146 CW. (16-4-2004) (AB)

00368.5 ELU: Luxembourg LUX 2206 CW. (16-4-2004) (AB)

00371.5 NH: Norwich G 0704 CW. (17-4-2004) (AB)

00387 ING: St Inglevert F 0703 CW. (17-4-2004) (AB)

00399 WBD: Wiesbaden D 2210 CW. (16-4-2004) (AB)

00404.5 RR: Haastrecht HOL 2145 CW. (16-4-2004) (AB)

00406.5 BOT: Bottrop D 2144 CW. (16-4-2004) (AB)

00417 LI: Duesseldorf D 0700 CW. (17-4-2004) (AB)

00420 BAZ: Bayreuth D 2142 CW. (16-4-2004) (AB)

00424 HRW: Heathrow G 2137 CW. (16-4-2004) (AB)

00425 ERT: Erfurt D 2141 CW. (16-4-2004) (AB)

00426 GBG: Gleichenberg D 2134 CW. (16-4-2004) (AB)

00426 HWQ: Hewett A IW 0657 CW. (17-4-2004) (AB)

00429 SSD: Stansted G 2133 CW. (16-4-2004) (AB)

00431 ONT: Kleine Brogel BEL 2133 CW. (16-4-2004) (AB)

00433.5 HEN: Henton G 0647 CW. (17-4-2004) (AB)

00434 THN: Thorn HOL 2131 CW. (16-4-2004) (AB)

00435 ZBN: Zweibruecken D 2130 CW. (16-4-2004) (AB)

00440 DRE: Drezdenko POL 2109 CW. (16-4-2004) (AB)

00452 ANS: Ansbach D 2129 CW. (16-4-2004) (AB)

00468 FTZ: Fitzlar D 2126 CW. (16-4-2004) (AB)

00508 Z: zilina SVK 2122 CW. (16-4-2004) (AB)

00517 ARD: Arad ROU 2114 CW. (16-4-2004) (AB)

00517 JBR: Jazbereny HNG 2114 CW. (16-4-2004) (AB)

00518 NMG: USCG New Orleans LA USA 0328 FEC/100/170 ZCZC GA17.

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CCGDEIGHT BNM 01M8-8-FL - GULF OF MEXICO 1. CONTINUING UNTIL APROXIMTELY MARCH EQN 2004, TH U.S. NAVY WILL BE CONDUCTING MINE WARFARE TRAINING, AND ATA COLLECTION EXERCISES IN THE GULF OF MEXICO, BOUNDED BY T HE FOLLWING APPROXIMATE POSITIONS: (Follows lists of coordinates too long for logs- Team Logs). (01Apr04) (GB)

00518 NMG: USCG New Orleans LA USA 0333 FEC/100/170 MIBs concerning buoy adrift near Nantucket Is, and dredging in Mississippi estuary. (01Apr04) (GB)

00518 ZSJ: SAN Hydrosan 1230 FEC Navarea V11 wngs Repeated at 1620 GMT. (01/Apr/04) (RH2)

00525 HG: Wroclaw POL 2112 CW. (16-4-2004) (AB)

01671.0 LGZ: FARSUND 1901 USB nor d/x Apr15 04 ML

01677.0 EAS CABO PENAS 1925 span USB d/x phone Apr15 04 ML

01767.0 OXZ: LYNGBY 1905 USB dan d/x Apr15 04 ML

01799.2 : Unid DeltaFix stn 2045 QPSK (12Apr04) (RGA)

01869 YARMOUTH COASTGUARD: Yarmouth GBR 2049 USB MSIBs and local navigational notices - England east coast - the Wash. (12Apr04) (RGA)

02182.0 SAFETY: / LA CORUNA 1958 USB ee working unid ship Apr09 04 ML

02187.5 OYID2: SHIP MALENE 2012 DSC//100/E/170 Distress call. MMSI 219779000. Undesignated distress. Posn 35.41N 6.38W (Just w Gibraltar). Five calls, three error free (12/Apr)(DW)

02761.0 OSU: OSTENDE 0647 USB om navig warnings Apr11 04 ML

03137 HAW: Wideawake AFB Ascension 2212 ALE/USB Sounding. (16Apr04) (RGA)

03255.5 AAV5: Army MARS Stns 0135 USB Also AAR5. In weekly Army MARS net. NCS was too weak to ID. (03Apr04) (RB)

03263 DVB4: CIS Military 2001 CW Calls A66J - QSA? who responds QSA3 K but not heard by caller. Simplex net. (05Apr04) (RGA)

03263 DVB4: UNID 0123 CW calls 8UYB who answers "RPT K" but isn't heard. 8UYB makes several attempts to establish communications. Poss CIS mil. (via Rommele remote radio at DXtuners.com -formerly Javoradio) (05Apr04) (JC5)

03263 SJJQ: Russian Military 1830 CW Bcasts msg to collective IVZ7 QTC 557 41 12 2223 557 = 384 = AAAAA DDDDD AHCuW ... UPhVX ABKWI = (repeats) ends AR. (12Apr04) (RGA)

03294 OLI3: Russian Military 1933 CW Ends 36-group msg ... JhBAF BWKWE. OCWG gives R 367K. Then msg for X5XW 573 36 23 2147 537 = 540 = 15551 08055 ... 55861 23034 K. X5XW R 573 K. Simplex net. (23Mar04) (RGA)

03334 DCAL: Russian Military 2006 CW TSTW de DCAL ZXO ZUO ZFK ZUO ZUL ZFN QRR3 K. OK K. R K. Opens scrambled morse cct with TSTW. (16Apr04) (RGA)

03334 DCAL: Russian Military 2034 CW 2AKF de DCAL ZIW ZUM ZJT QSW3 K. Opens printer cct with 2AKF. (16Apr04) (RGA)

03334 ZYDT: Russian Military 2114 CW P1S1 de ZYDT QRV K. R 110 K. (19Mar04) (RGA)

03348 A1JL: Russian Military 2207 CW Msg for DFVK 094 26 20 0102 094 = 972 = UhaZR JLATG ... HGRNA WPPWE = 250 RPT AL K ... A1JL C K. Then comms check with HATM FBOA ZLZO PLQO QXLI. (19Mar04) (RGA)

03348 MFDX: Russian Military 1859 CW Message for 8PNT: 530 39 3 2240 530 = 299 = PPPPP uJBUm ... uJBUm oWVau PEPEY = 985 RPT AL K. (03Apr04) (RGA)

03348 MFDX: Russian Military 1906 CW Msg for 9PYZ - 759 50 1 2252 759 = ZUT 117 = PPPPP JaEAa ... uTlSG PaPRY = 617 RPT AL K. (01Apr04) (RGA)

03348 QCTQ: CIS Military 2121 CW Comms check with 5BB8 TRCE ITCY 1LKJ and QJKP. (16Apr04) (RGA)

03363 SQJQ: Russian Military 1930 CW Msg for 1BOS: SJJQ 622 34 16 2313 622 = .19 = DDDDD EoHVH ... KTBRl AEKWB K. 1BOS R 622 K. Simplex net. (16Apr04) (RGA)

03538 OO4P: CIS Military 2000 CW OO4P FAMR I?I1 76SG TD2P 5UHP MBQ1 ??IR respond to comms check from unid NCS.

(01Apr04) (RGA)
03538 TD2P: CIS Military 1855 CW MICX de TD2P QTC K repeatedly.
QRM from EU amateurs. (03Apr04) (RGA)
03540 BAT: Unid 2309 ALE/USB Sounding. (10Apr04) (RGA)
03589 : Unid 0539 LSB Here again calling CQ CQ voice is
scrambled. Sounds like the Harris analogue system.
(05Apr04) (CC)
03591 HFB: Unid UK Military 2022 ALE/USB Sounding.
(02Apr04) (RGA)
03591 HFB: Unid UK Military 2134 ALE/USB Sounds here on 3824
and 4295 kHz (Windows XP Compatibility Testing).
(04Apr04) (RGA)
03699 SFO3: Unid H+07 and H+37 CW VTI8 bcasts. (05Apr04) (AB2)
03699.0 SFO3: 1210 CW / beacon: SFO3, ended at 12:17utc; no copy
of VTI8 today (05/Apr/2004) (tundra monitor)
03709 : CIS Military 1953 MS5/4800/2PSK/USB Cipher.
(23Mar04) (RGA)
03737 UIW: KaliningradRadio RUS 2104 CW ... 317/052 319/nawip
2004 ... (12Apr04) (RGA)
03755.9 : Unid 1957 CW Dashes. 2 per second. (23Mar04) (RGA)
03824 HFB: UK Military 2108 ALE/USB Sounding here and on 3842.
(22Mar04) (RGA)
03824.0 HFB: UK Military Prob Hereford 2145 USB/ALE snd
(15-04-2004)(MSM)
03855 DDH3: Hamburg Meteo via Pinneberg 2109 FAX/120/576. Good
signal Lousy picture - multipath. (12Apr04) (RGA)
03884 3KQL: Russian Military 2113 CW RGB6 QTC ZVT AR. Then
broadcasts msg 3KQL 188 25 2 0108 188 = ZVT 857 = PPPPP
ZIHOF ... TaACU PWPWP = 209 K. Calls TENC CXDD T3T6 CUFY
PTXD IPAE X7LK CXDD for R 188 ? K. QSX not known.
(01Apr04) (RGA)
03884 LHVW: Russian Military 1814 CW Message for X5ML: 007 39
22 2106 007 = 106 = PPPPP hKHHo ... ZSBJH hKHHo WWPEY =
779 RPT AL K. (22Mar04) (RGA)
03884 P5KL: Russian Military 2115 CW Msg for JNXX: 048 36 18
0054 048 = 440 = UaNAd MMMMM GTaFF ... CTHHG aIPEE 793
RPT AL K. (17Apr04) (RGA)
03884 V9FX: Russian Military 2122 CW Msg for JMXX: 084 42 18
0106 084 = 041 = uKHFY PPPPP GBTJH ... (End missed).
(17Apr04) (RGA)
03899 OQB9: CIS Military 1817 CW OQB9 AS K. QRV K. RPT ADS K
... (22Mar04) (RGA)
03899 P4IT: CIS Military 2027 CW GB5T de P4IT QYD1 K.
(17Apr04) (RGA)
03954 : Russian Military 1942 CW Ends 36-group 5LG msg ...
aaPEY 807 K. (11Apr04) (RGA)
04021 1TDU: Russian Military 2114 CW Comms check with ATPE 6GNJ
MHYR. (11Apr04) (RGA)
04051.0 AI1R: UKR mil 0228 CW fs1p fs1p fs1p de ailr ailr # fs1p
fs1p fs1p de ailr ailr qtc 155 64 17 .5.. 155= 866= 5F
group (17Apr04)(SMK)
04241 4XZ:I.D.F. Haifa Israel Naval 1952 Sat 27 Mar 04 CW in
tfc (EB)
04244 DAO4A: KielRadio GER 1758 PACTOR-3 Idling with Morse ID.
(23Mar04) (RGA)
04252 PWX33: BN Rio 2350 PACTOR/200/200 "QRU/ZKM" rpt many
times. (23/Mar/04) (RH2)
04259 SAB:Stockholm radio Sweden Maritime 1949 Sat 27 Mar 04
Globe marker (EB)
04261 IZ2G: Russian Military 2019 CW CTAW de IZ2G QSV K. BK QRV
K. Receiving message. R 902 K. NO K. QRU QRU? K. R K R K.
(22Mar04) (RGA)
04270.7 CFH: CF HalifAX 1346 RTTY/75/850 wx forecasts.
(29/Mar/04) (RH2)
04273.5 HLF: Seoul R 1245 GW-PACTOR. (12/Apr/04) (RH2)
04277 USO3: IzmailRadio UKR 2003 CW QSX list. (23Mar04) (RGA)
04281 PBC:Dutch Naval Goeree Netherlands 1947 Sat 27 Mar 04
RTTY 75 callband (EB)

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04295 HFB: Unid UK Mil 2227 ALE/USB Sounding. Also seen 3591 and 3824. (10Apr04) (RGA)

04295 HFB: Unid UK Military 2212 ALE/USB Sounding. (16Apr04) (RGA)

04296 ALL de FUE:French Naval Brest France 1945 Sat 27 Mar 04 RTTY 75 callband (EB)

04320 IAR:Rome radio Italy Maritime 1940 sat 27 Mar 04 CW callband (EB)

04331 4XZ:I.D.F. Haifa Israel Naval 1939 Sat 27 Mar 04 CW callband (EB)

04347 SAB:Stockholm radio Sweden Maritime 1937 Sat 27 Mar 04 Globe marker (EB)

04360 SYN2: Enigma E10 2007 DSB YL with SYN2 callup. (23Mar04) (RGA)

04372 LIMA: GATOR Coordination 0210 USB wkg HOTEL, others re USN Gator coordination. (11Mar04) (RB)

04379 REA4: AFHQ Moscow 1948 CW Routine 02190 bcast REA4 = 02190 18277 ... 10094 88400 = REA4 K. // 5157 (02Apr04) (RGA)

04442 : NATO Tact Data System 2130 LINK-11/2250/USB (12Apr04) (RGA)

04447 3LTT: Russian Military 2058 CW Msg for 6NTL: 677 29 3 0048 677 = 936 = ohoNC MMMMM UBWBS ... MKhVZ PEPWY = 475 RPT AL K. Then C13N does comms check with CS4U 5GOF YFAK TBTG 4E7K BRBS. (02Apr04) (RGA)

04447 HRX1: Russian Military 1949 CW Comms check with OGO4 KMMB VU9Y 3KPZ and OQB9. (22Mar04) (RGA)

04456 7PNI: Russian Military 2112 CW Bcasts msg to collective QC1Q: 076 39 3 0103 076 = 409 = ohoNC MMMMM STuMN ... APZFS PEPEY (repeats; ends AR. Then calls SCZI CQMT BJ9X XCJ2 CPYU for comms check. (02Apr04) (RGA)

04456 IFBX: Prob Ukranian Military 2018 CW Msg for TOIC 359 46 23 2252 359 = 803 = PPPPP hSYYL oPuPh ... oPuPh WEPRE = 785 K. (23Mar04) (RGA)

04461 : Enigma E10 2011 DSB YL with 5LGs. Not // 4360. (23Mar04) (RGA)

04505 400: Algerian MOI 2108 ALE/USB Sounding. (02Apr04) (RGA)

04505 400: Algerian MOI 2145 ALE/USB Sounding. (22Mar04) (RGA)

04505 JP50: Algerian MOI 2126 ALE/USB Calls JP43. JP4 calls JP50. (12Apr04) (RGA)

04518.3 : Unid 2132 FEC Same encrypted(?) FEC previously seen on 5349.4. (12Apr04) (RGA) 04560 OPQ: Lithuanian Military 2131 ALE/USB Calls OP2 who responds. OPQ sends [AMD] "RYSIG PATIKRINIMAS". (12Apr04) (RGA)

04530 K6C0000GBMRM2: Unid 2033 ALE/USB Calls V1S0000EKCOPER. (02Apr04) (RGA)

04584 DDK2:Hambur meteo Germany 1928 Sat 27 Mar 04 RTTY 50 ident tape no traffic (EB)

04604.0 Red Fox 4: (Chief of Staff, Illinois wing, Civil Air Patrol): 2330 USB=w/check-ins for Great Lakes Region Directed HF Net--Blue Mound 3 (Wisconsin= CAP); Columbus 412 (Ohio CAP); Red Robin 312 mobile (Michigan CAP). 20/04 RP3

04712 REACH 310Y: wkg SIGONELLA 2200 USB (08/Apr/04) (BRG)

04718 KINLOSS RESCUE: wkg RESCUE 177 2230 USB (08/Apr/04) (BRG)

04721 HAW: USAF wideawake AFB Ascension 2227 ALE/USB Sounding. Also MPA/ USAF Mount Pleasant MVS. (10Apr04) (RGA)

04721 IKF: US NAS Keflavik ICE 2208 ALE/USB Sounding. (16Apr04) (RGA)

04721 PLA: USAF Lajes Field AZR 2203 ALE/USB Sounding. (22Mar04) (RGA)

04796.5 : Enigma M51 1903 CW NR 82 M 23 20:02:48 2004 = JENYM BGRPC ... DPCVM IRFCR = // 5410. (23Mar04) (RGA)

04798.0 unid: ? 0557 CODAR ? Apr11 04 ML

04837.0 WDENGB: (Nat'l Guard Bureau, wilmington DE): 1309 USB/ALE sounding. 17/04 RP3

04841 OWE: FTK RDAF Karup 2201 ALE/USB Calls unid. Decode failed. (22Mar04) (RGA)

04898.0 ZM1E: CIS mil, 1445 CW calling PNTTP with 5F msg below
(Apr08) (SMK)

04942 FDY: French Air force Orleans France Military air 1912 Sat
27 Mar 04 RTTY 50 callband (EB)

04944 ---: poss Luftwaffe Germany Military air 1901 Sat
27 Mar 04 ARQ-E 85.7 Idling (EB)

04953 ---: poss Luftwaffe Germany Military air 1848 Sat
27 Mar 04 ARQ-E 85.7 Idling (EB)

05115.0 TIM: ROMANIAN MOI TIMISOARA 0511 MIL.STD 188-141A ALE on
usb. C1ng BU5/Bucharest, also at 0519 (19/Mar)(DW)

05120.0 OWE: DAF KARUP 0601 MIL.STD 188-141A ALE on usb. C1ng
OWD/Vaerloese (19/Mar)(DW)

05120.0 OWK: DAF HQ VEDBAEK 0652 MIL.STD 188-141A ALE on usb.
C1ng OWC/unid (19/Mar)(DW)

05135 CO1NC: US FEMA New Hampshire State EOC Concord 2207
ALE/USB Sounding. (22Mar04) (RGA)

05140 5557: N.African Net 2219 ALE/USB Sounding.
(16Apr04) (RGA)

05157 REA4: AF HQs Moscow 1857 REVS/50/1000 Idling. // 4379
(CW). (12Apr04) (RGA)

05283 : Unid 1907 UNID/100/140 ACF=0. Encrypted.
(12Apr04) (RGA)

05305.5 : Prob Russian Military 1910 REVS/48.5/235 Prob
36-50/BEE. (12Apr04) (RGA)

05315 SAB: Globe Göteborg SWE 1914 GLOBEDATA Idlers.
(12Apr04) (RGA)

05318.0 LTA: Argentine Army 1137 LSB SS Calling LTE5, LTE7, LTE14
and more (13/04/04) (AJP)

05330.0 K6C0000GBMRM2: UNID 0039 MIL.STD 188-141A ALE on usb.
C1ng V1S0000EKCOPER/Unid. Also at 0149, 0217, 0232z
(22/Mar)(DW)

05349.0 SPI: POLISH ARMY? 2000 MIL.STD 188-141A ALE on usb. C1ng
LCR154/Mil HQ warsaw (21/Mar)(DW)

05349.4 : Unid 1916 FEC/100/160 Genuine SITOR-B but output is
rubbish. Probably encrypted. (12Apr04) (RGA)

05355 PRI: Unid Albanian MOI 2209 ALE/USB Calls DRI/Drini.
(22Mar04) (RGA)

05361.2 Unid: Brazilian Army 1120 SITOR 200 Hz (13/04/04) (AJP)

05407 8Q6T: CIS Military 1954 CW Comms check with BCIP ZS76
PV2A. (05Apr04) (RGA)

05416.0 LTL: Argentine Army 1100 CW QSX 5410.0 Also at 2230
(12/04/04)(AJP)

05450 RAF VOLMET: RAF W.Dratyton GBR 1916 USB YL robot with
European actuals. (23Mar04) (RGA)

05465.8 R: MX Beacon 1918 CW Izhevsk. (23Mar04) (RGA)

05465.8 R: MX Beacon 1922 CW Izhevsk. (12Apr04) (RGA)

05500 391: Georgian Border Guard 2239 ALE/USB Calls 410 while
409 calls 391. (16Apr04) (RGA)

05500 391: Georgian Border Guard 2239 ALE/USB Calls 410. 409
calls 391. (16Apr04) (RGA)

05577 : Unid FishFone 1928 SAILOR-CRYPT/USB Male voices.
Simplex. Aeronautical station on frequency with SELCAL
and voice calling ZERO FIVE. (12Apr04) (RGA)

05598 135: Prob E.Asian Net 2252 ALE/USB Sounding.
(16Apr04) (RGA)

05598.0 NAT ATC STA MARIA: 0607 USB work HMCK / 4X-ELC B747 EL AL
Apr11 04 ML

05679 RAW: Unid 0036 CW C1g MWH vvv mwh mwh mwh de raw raw gru
(R2) t63 t63 sk sk. (30Mar04) (IB)

05696 Borinquen Air: 0113 USB USCG Air Station Borinquen,
Aguadilla, PR clg/wkg 6578. (07Mar04) (RB)

05696 CAMSLANT: Chesapeake VA USA 0145 USB wkg CG 6531
(unheard) for flight ops. Followed by c1g 6518 (normally
at CGAS Traverse City). (17Mar04) (RB)

05696 CG Oceana Radio: 0436 USB c1g 2102 re the 2102 is off
frequency. (20Mar04) (RB)

05696 NMC: CAMSPAC Point Reyes, Ca 0201 USB c1g CG 1700 "on 5/8
Megs". Assuming their guard from AirSta Sacramento.

//8983 (07Mar04) (RB)
05696 NOI: USCG AirSta Detroit-Selfridge 'Detroit Air', MI 1400
USB wkg CG 6558. (01Apr04) (RB)
05696 SHARK 03: USCG Harriet Lane (WMEC-903) 0206 USB wkg
CAMSLANT Chesapeake VA Re request they attempt to raise
HERC 17 (USCG HC-130 1717). The 17 was diverted to a SAR
and they have not been able to raise them. Also SHARK 16
(could be several cutters but probably USCGC Nantucket
WPB-1316 out of Key West, FL) c/g CG 1717. As of 0248
they have been unable to raise the 17. (31Mar04) (RB)
05696 STINGRAY 17: wkg GANTSEC 0311 USB (Greater Atilles
Section, San Juan) for flight op's normal. (11Mar04) (RB)
05696 TERMINATOR 88: C/g/wkg SHARK 11 0108 USB (SHARK 11
probably USCGC Forward WMEC-911) (British accent) re if
they are in contact w/PANTHER. Passed off deck 0057z and
est on task time 0145z for relay. SHARK 11 used callsign
JAVELIN 88 in responding then TERMINATOR 88 began using
JAVELIN 88. Later requested wx for KMCF (MacDill AFB).
(12Mar04) (RB)
05702.0 ADWSPR: USAF ANDREWS 0528 MIL.STD 188-141A ALE on usb.
Sounding. SIPRNET (20/Mar)(DW)
05702.0 JNRSPR: USAF SALINAS 0542 MIL.STD 188-141A ALE on usb.
Sounding. SIPRNET (20/Mar)(DW)
05708 221111: USAF C-17 02-1111 2250 ALE/USB Sounding.
(16Apr04) (RGA)
05708 PLA: USAF Lajes Field AZR 2136 ALE/USB Sounds.
(02Apr04) (RGA)
05708.0 450030: AIRCRAFT KC10 85-0030 0641 MIL.STD 188-141A ALE
on usb. C/g OFF/Offutt (20/Mar)(DW)
05708.0 ADW: USAF ANDREWS 0426 MIL.STD 188-141A ALE on usb.
Sounding. Also 530, 0715. (20/Mar)(DW)
05708.0 ICZ: USAF SIGONELLA 0026 MIL.STD 188-141A ALE on usb.
Sounding. Also 0128 (with [cmd]Power Control), 0228. 0503
c/g IKF/keflavik (20/Mar)(DW)
05708.0 JDG: USAF DIEGO GARCIA 0031 MIL.STD 188-141A ALE on usb.
Sounding. (20/Mar)(DW)
05708.0 JNR: USAF SALINAS 0130 MIL.STD 188-141A ALE on usb.
Sounding. Also 0303, 0405. (20/Mar)(DW)
05708.0 MPA: USAF MOUNT PLEASANT 0315 MIL.STD 188-141A ALE on
usb. Sounding, also 0416 (20/Mar)(DW)
05708.0 PLA: USAF LAJES 0352 MIL.STD 188-141A ALE on usb.
Sounding. Also 0711 (20/Mar)(DW)
05711.0 AAT3BFMARS:US MARS UNID 0445 MIL.STD 188-141A ALE on usb.
Sounding. (20/Mar)(DW)
05717 RESCUE 308: wkg VANCOUVER MILITARY 0348 USB Phone patch
to RCC Trenton, eta La Grande 2 hrs. Also talked about
flood patrols over the red river area. (07Apr04) (DJH)
05726 : NATO Tactical Data System 2003 LINK-11/2250/USB TADIL-
A. (12Apr04) (RGA)
05732.0 CamsPac Point Reyes CA: 0042 USB w/CG J24 (HH-60J # 6024
CGAS Clearwater) in radio check. Following radio check
w/CamsPac, J24 in ALE comms w/OPB on 07527.0 then into
voice as 24C and Panther. 14/04 RP3
05798.7 NNNOMRH: USN Mars 2325 P-I Ham/200Bd 3 msg's
(12/Apr/04) (KK)
05832.4 DDA64: weather Station Offenbach, D 1000 Rtty 100Bd/170Hz
(13/Apr/04) (KK)
05852.0 HFB: UK Mil/Diplo Hereford 0633 USB ALE snd
(10/Apr/04) (KK)
06240 : Russian Military 2007 MS-5/4800/DPSK/USB Cipher.
(12Apr04) (RGA)
06271.5 UCUF: Russian Ship BORIS SYROMYATNIKOV 2010 FEC calling
unid autotelex coast station. (12Apr04) (RGA)
06272 : NATO Tactical Data System 2014 LINK-11/2250/USB
Attempting setup but appears to be slightly off
frequency. (12Apr04) (RGA)
06294.0 9MR: RMN Johor Baharu 1130 RTTY 50/850 svc & 5LG msgs to
various ships, // 8192 (28Mar04) (ML2)

- 06338 : Unid SS Navrad 2250 RTTY/100/850 Crypto.
(01/Apr/04) (RH2)
- 06339 ZRI1: Russian Military 1909 CW NB2W de ZRI1 RPT 1 K. R
625 K. Then 5TOB QSLs NR 625 from unid NCS.
(16Apr04) (RGA)
- 06387.7 FUF: FF Ft de France 2359 RTTY/75/850 Test tape.
(29/Mar/04) (RH2)
- 06387.7 FUF: FN Ft de France 0555 RTTY/75/850 Test tape.
(03/Apr/04) (RH2)
- 06396 9HD: Globe Malta 2021 GLOBEDATA Idling. (12Apr04) (RGA)
- 06435 : CIS Military 2028 81-81/81/194 Cipher. (12Apr04) (RGA)
- 06449.5 PWZ: BN Rio 0626 RTTY/75/425 Wx/EE Strange shift!
(27/Mar/04) (RH2)
- 06449.7 PWX: BN Rio 2135 RTTY/75/850 Navwngs/EE + Oil Rig Posns.
(14/Mar/04) (RH2)
- 06449.7 PWZ: BN Rio 2145 RTTY/75/850 Navwngs in EE.
(06/Apr/04) (RH2)
- 06491.5 LOR: AN Puerto Belgrano 0630 RTTY/75/170 Coastal Tfc
Wngs/SS. (10/Apr/04) (RH2)
- 06491.5 LOR: AN Puerto Belgrano 1950 RTTY/75/170 5LG.
(06/Apr/04) (RH2)
- 06496.4 CFH: CF Halifax/0612 FAX/120/576 Fair Wx chart.
(10/Apr/04) (RH2)
- 06511.4 C5B: unid span.loc 0526 P-II/100bd wkg TOV "hq hasta
tu nro.14 k asimismo e" (10/Apr/04) (KK)
- 06604 GANDER VOLMET: GANDERRADIO NF CAN USB Better on 10 MHz
here. // 10051. (13Apr04) (KC2HMZ)
- 06697 CARPET BAG: 28-char EAM 0307 USB VWLE2N simulcast on at
least 8992. H+07/h+37 activity. Suspected TACAMO LANT.
Did not use the standing by for traffic statement.
(29Mar04) (JH)
- 06697 DECOROUS: 28-char EAM 1916 USB 7MF6FV preceding OFFUTT's
1921z HFGCS bcst of same, and simulcasting same on at
least 8992 with nothing heard on 11244 or 13155.
(10 Apr 04) (JH)
- 06697 DECOROUS: EAM Bcast 1925 USB 7MF6FV simulcast on at least
8992 with nothing heard 11244 or 13155. H+25/h+55
activity. (10 Apr 04) (JH)
- 06697 FIVE SPOT: 28-char EAM 1925 USB VWUC5R simulcast on at
least 8992 and 11244 with nothing heard on 13155.
H+25/h+55 activity. (03 Apr 04) (JH)
- 06697 GREEN SKY: 28-char EAM 1723 USB VWJQQE simulcast on at
least 8992 with nothing heard on 11244 or 13155. Both
freqs were again active at 1755z with same (8992 at goo
d levels with deep fading.) H+25/h+55 activity.
(29 Mar 04) (JH)
- 06697 HEADACHE: 28-char EAM 1514 USB 7M2SNB preceding the
HFGCS's 1520z bcst of same, and simulcasting same on at
least 8992 with nothing heard on 13155 or 11244. The same
freqs were active at 1525z with HEADACHE bcsting 7M2SNB.
H+25/h+55 activity. (09 Apr 04) (JH)
- 06697 LOOP HULA(?): 3-6-9 Message 0614 USB Barely readable but
suspected LOOP HULA. Re-broadcasting LOOP HULA's 0604z 3-6-9
message and simulcasting on at least 8992 with nothing
heard on 11244 or 13155. H+14/h+44 activity. Suspected
TACAMO PAC. These 3-6-9 messages and their rebroadcasts
have become common this week. JEWEL BOX was heard with an
8-group 369 message at 0407z 19 Mar. (21 Mar 04) (JH)
- 06697 ORIGINATE: 28-char EAM 1739 USB PYL2MF simulcast on at
least 8992 and 11244 with nothing heard on 13155. The
same freqs were active at 1755z with same string.
H+25/h+55 activity. (19 Oct 04) (JH)
- 06697 PINOCHIO: 28-char EAM 1831 USB 7M3PVW preceding OFFUTT's
1843z HFGCS bcst of same and simulcasting same on at
least 8992 and 11244 with nothing heard on 13155. H+25/h+55
activity. Back up at 1855z. (08 Apr 04) (JH)
- 06697 REBELLION: EAM Bcast 0249 USB EAM was too weak to follow
and simulcasting same on at least 8992 with nothing heard

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on 13155 or 11244. She ended her xmsn with the "standing by for traffic" statement. Also active at 0315z and heard on 6697, 8992, 11244 and 13155. H+14/h+44 activity. Suspected TACAMO PAC. (29Mar04) (JH)

- 06697 SYLLABUS: EAM Bcast 0308 USB PY4PDY simulcast on at least 8992 and 11244 with nothing heard on 13155. H+07/h+37 activity. (21 Mar 04) (JH)
- 06721 ICZ: US NAS Sigonella ITA 2226 ALE/USB Sounding. (16Apr04) (RGA)
- 06733 IDR: Possibly Rome 2330 USB wkg RESCUE IBM in Italian. (16Apr04) (AZ)
- 06759 MKL: RAF No 2 Group MATELO Bcast 2033 NATO-75/75/850 Intermittent blocked msgs with ACF64 headers. (12Apr04) (RGA)
- 06761 OAKIE 53: Clg "any traffic" 0105 USB On 6761 for radio check. Then clg/wkg MANIAC CONTROL for radio check. REACH 137 then clg OAKIE 53. (03Apr04) (RB)
- 06761 REACH 137: wkg REACH 139 0046 USB Re change in altitude and will contact them on air/air (UHF). USAF tanker refueling HF. (03Apr04) (RB)
- 06761 STEEL 47: Clg REACH 32Y. 0108 USB (03Apr04) (RB)
- 06762.0 unid: 0648 USB span d/x Apr11 04 ML
- 06786 : UNID net, I? 0747 USB/Rohde & Schwarz 2400Bd proprietary burst PSK mode, link setup using ALIS with 228.65 Bd/170Hz (09Apr04) (LDO)
- 06786.0 no-call: UNID net, I? 0747 USB/Rohde & Schwarz 2400Bd proprietary burst PSK mode, link setup using ALIS with 228.65 Bd/170Hz (09Apr04) (LDO)
- 06788.4 ---: UNID 1038 fec 100/E/170 Online encrypt. weak, fading (13/Apr)(DW)
- 06788.4 : UNID station, 1006 SITOR-B 100Bd/170Hz online crypto tfc., short break at 10:19 UTC, then back at 10:22 UTC, carrier at 6787 kHz strong signal (11Apr04) (LDO)
- 06788.4 no-call: UNID station, 1006 SITOR-B 100Bd/170Hz online crypto tfc., short break at 10:19 UTC, then back at 10:22 UTC, carrier at 6787 kHz strong signal (11Apr04) (LDO)
- 06845.0 HFB: UK Military Prob Hereford 2140 USB/ALE snd (15-04-2004)(MSM)
- 06862.1 J3A692: CruiseEmail St. George's, Grenada 2345 P-I /100Bd clg from unid (12/Apr/04) (KK)
- 06875.0 CENTR3: MfA Bucuresti,ROU 0532 USB ALE/MIL-188-141A clg YPM36 Romanian Embassy (10/Apr/04) (KK)
- 06888.0 BNA: unid 0603USB ALE/MIL-188-141A clg BNF (10/Apr/04) (KK)
- 06900.0 CER11: FRENCH DIPLO ?LOC 1606 MIL.STD 188-141A ALE on usb. Clng RABAT (13/Apr)(DW)
- 06900.0 LECAIRE:FRENCH EMB CAIRO 1653 MIL.STD 188-141A ALE on usb. Clng Khartoum (14/Apr)(DW)
- 06900.0 MOB1MSS: unid 0620 USB ALE/MIL-188-141A clg from unid, weak sig. (10/Apr/04) (KK)
- 06900.0 RABAT: FRENCH EMB RABAT 1638 MIL.STD 188-141A ALE on usb. Clng CER11 (14/Apr)(DW)
- 06911.5 EAATS: (Eastern Army Aviation Training Site, Muir AAF Ft Indiantown Gap PA): 1456 USB/ALE sounding. 18/04 RP3
- 06912.0 E10: 1928 USB y1 KPA2 Apr15 04 ML
- 06998.0 CUA43/CUA69: Tent. Italian pirate 1215 CW vvv-marker and religious texts in italian: "vvv vvv de CUA43/CUA69 CUA43/CUA69", text " ... ici santa casa ". (18/04/04) (DL8AAM)
- 07360.0 KOHUTKANET305: (unidentified): 1802 USB/ALE TO NET305 (unidentified). 17/04 RP3
- 07360.0 SSGBNET305: (unidentified): 1714 USB/ALE TO STEMNE (unidentified). 17/04 RP3
- 07360.0 SSGBNET305: (unidentified): 1802 USB/ALE TO KOHUTKANET305 (unidentified). 17/04 RP3
- 07361.5 229JAGCE: (18th Airborne Group exercise unit-JOINT AIR-GROUND CENTER OF EXCELLENCE (JAGCE)): 0723 USB/ALE TO 327FAJAGCE (3-27th FA (MLRS)-Multiple Rocket Launcher Bn-

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JOINT AIR-GROUND CENTER OF EXCELLENCE (JAGCE). 10/04 RP3
07361.5 R24652: (UH-60A): 0152 USB/ALE TO T1Z147 (1/147th Avn Bn, WING, Truax Field Madison WI). Also noted on 08171.5. 09/04 RP3
07361.5 T1Z159: (1/159th Avn Regt, Ft Bragg NC): 1638 USB/ALE sounding. 13/04 RP3
07373.5 NNNOKIP (NCS): USN/USMC MARS 2332 USB / wkg other MARS stations in the net. MT63 mode also used. (14March2004) (Midwest USA)
07400.2 Unid: Brazilian Army 1215 SITOR 200 Hz. (10/04/04) (AJP)
07417.5 ABAT021D0110: unid 0837 USB ALE/MIL-188-141A c1g GS021D01120[same on 7651.5 7966.5 24097.5] (13/Apr/04) (KK)
07417.5 GS021D1120: unid 0800 USB ALE/MIL-188-141A c1g 1PBRO21D1120 (13/Apr/04) (KK)
07417.5 LKMKOV: unid 0756 USB ALE/MIL-188-141A c1g 2PB (incomplete ID) (13/Apr/04) (KK)
07425.2 Unid: Brazilian Army 1815 SITOR 200 Hz. (14/04/04) (AJP)
07488.0 FDG: FAF BORDEAUX 1747 CW "de fdg ar" Apr09 04 ML
07501 OKF: 28-char EAMS 2325 USB PYAX3W; PYNTNL. (24 Mar 04) (JH)
07501 H6N: EAM Bcasts 0025 USB (Newday ID; 24 Mar OKF) PYAX3W; PYNTNL. No indication of variation in the contents of the strings. (25 Mar 04) (JH)
07527 SERVICE CENTER: US Customs/COTHEN Technical Service Centre Orlando FL USA 1611 USB wkg 61 ALPHA (USCG HH-65 6561). (17Mar04) (RB)
07527.0 CG 24C: (HH-60 # 6024, CGAS Clearwater): 0625 USB w/Panther (OPBAT, Nassau Bahamas-not heard) securing radio guard. 13/04 RP3
07527.0 CG 24C: (HH-60J # 6024 CGAS Clearwater): 0045 USB w/Panther reporting airborne from Sierra 4 w/5 POB enroute to Alpha 5. 14/04 RP3
07527.0 Panther: (OPBAT, Nassau Bahamas): 0004 USB w/CG 24C (HH-60J # 6024 CGAS Clearwater). Panther advises 24C that he has to pick up one pax at an undisclosed location at 0030Z. 14/04 RP3
07531 1UF: Moroccan Gendarmerie 1847 ALE/USB calls 3JA. (12Apr04) (RGA)
07560 361: Unid 1910 ALE/USB calls 419. (12Apr04) (RGA)
07562 LD3: Angolan MOI Net Luanda 1845 ALE/USB Sounds. (12Apr04) (RGA)
07620 0000004444: Turkish Net 1957 ALE/USB Sounding. (12Apr04) (RGA)
07620 0000006666: Turkish Net 1924 ALE/USB Sounding. (12Apr04) (RGA)
07646 DDH7: Hamburg Meteo via Pinneberg 0915 RTTY/50/450 Sea forecast in EE. (12Apr04) (RGA)
07650 R23485: US Army UH-60A Blackhawk, BIH 1220 USB/MIL-STD 188-141A calling TF238 [238th AVN Tuzla/Bosnia] (08Apr04) (LDO)
07650 R23583: US Army UH-60A Blackhawk, BIH 0840 USB/MIL-STD 188-141A calling TF238 [238th AVN Tuzla/Bosnia] (08Apr04) (LDO)
07650 R23604: US Army UH-60A Blackhawk, BIH 1158 USB/MIL-STD 188-141A working TF238 [238th AVN Tuzla/Bosnia] (05Apr04) (LDO)
07650 R23683: US Army UH-60A Blackhawk, BIH 0807 USB/MIL-STD 188-141A calling TF238 [238th AVN Tuzla/Bosnia] (07Apr04) (LDO)
07650 TF238: "F" Company 1/238 Avn Bn AVN Tuzla BIH 2020 ALE/USB Sounding. (12Apr04) (RGA)
07650 TF238: 238th AVN Tuzla, BIH 1158 USB/MIL-STD 188-141A, working R23604 [81-23604], unit is part of "TF Renegade" (05Apr04) (LDO)
07650.0 R23485: US Army UH-60A Blackhawk, BIH 1220 USB/ MIL-STD 188-141A calling TF238 [238th AVN Tuzla/ Bosnia] (08Apr04) (LDO)

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07650.0 R23583: US Army UH-60A Blackhawk, BIH 0840 USB/ MIL-STD 188-141A calling TF238 [238th AVN Tuzla/Bosnia] (08Apr04) (LDO)
07650.0 R23604: US Army UH-60A Blackhawk, BIH 1158 USB/ MIL-STD 188-141A working TF238 [238th AVN Tuzla/Bosnia] (05Apr04) (LDO)
07650.0 R23683: US Army UH-60A Blackhawk, BIH 0807 USB/ MIL-STD 188-141A calling TF238 [238th AVN Tuzla/ Bosnia] (07Apr04) (LDO)
07650.0 R23967: (helo): 0200 USB/ALE TO T1256 (unidentified US Army unit). 09/04 RP3
07650.0 T12137: (1/137th Avn Regt, OHNG, Canton OH): 1239 USB/ALE sounding. =20/04 RP3
07650.0 T12137: (1/137th Avn Regt, OHNG, Canton OH): 1408 USB/ALE sounding. 18/04 RP3
07650.0 TF238: 238th AVN Tuzla, BIH 1158 USB/MIL-STD 188-141A, working R23604 [81-23604], unit is part of "TF Renegade" (05Apr04) (LDO)
07650.0 TF238: unid 2102 snd (15-04-2004)(MSM)
07675 103: Prob Chinese Diplo 1926 ALE/USB Calls 107. Then calls 101. (12Apr04) (RGA)
07685 : CIS Military 1850 MS-5/4800/DPSK/USB Cipher. (28Mar04) (RGA)
07688 : UNID net, ??? 1229 USB/Rohde & Schwarz 2400Bd proprietary BURST PSK mode, link setup using ALIS with 228.65 Bd/170Hz (09Apr04) (LDO)
07688.0 no-call: UNID net, ??? 1229 USB/Rohde & Schwarz 2400Bd proprietary BURST PSK mode, link setup using ALIS with 228.65 Bd/170Hz (09Apr04) (LDO)
07730 0AA: Moroccan Gendarmerie 2036 ALE/USB calls 8JD who responds. (16Apr04) (RGA)
07730 0AA: Moroccan Gendarmerie 2111 ALE/USB calls 8JD then 8EQ. Then 8JD calls 3JA. (16Apr04) (RGA)
07730 1UF: Moroccan Gendarmerie 2036 ALE/USB Calls 8JD. (17Apr04) (RGA)
07740.0 RABAT: FRENCH EMB RABAT 1645 MIL.STD 188-141A ALE on usb. C1ng CER11 (13/Apr)(DW)
07783.0 nocall: POL MIL Bosnia 1625 USB/voice pp duplex home qso, have no time to search for simplex qrg, next sked on saturday, (20-04-2004)(MSM)
07805 COINC: US FEMA New Hampshire State EOC Concord 2156 ALE/USB Sounding. (16Apr04) (RGA)
07805.0 BE1RL: (Berlin NH EOC): 1105 USB/ALE sounding. 20/04 RP3
07890 CS001: UNID MIL-net Balkans, 0912 USB/MIL-STD 188-141A/secure voice tfc. via MIL-STD 188-110A serial tone modem to RS003 (10Apr04) (LDO)
07890 RS003: UNID MIL-net Balkans, 0912 USB/MIL-STD 188-141A/secure voice tfc. via MIL-STD 188-110A serial tone modem to CS001 (10Apr04) (LDO)
07890.0 CS001: UNID MIL-net Balkans, 0912 USB/MIL-STD 188-141A/secure voice tfc. via MIL-STD 188-110A serial tone modem to RS003 (10Apr04) (LDO)
07890.0 RS003: UNID MIL-net Balkans, 0912 USB/MIL-STD 188-141A/secure voice tfc. via MIL-STD 188-110A serial tone modem to CS001 (10Apr04) (LDO)
07932 OLFA: CIS Military 1027 CW calls WKGK for QSA? (09Apr04) (RGA)
07945.7 RFVI: FF LE PORT REUNION isl 17530 ARQ-E3/192 idling Apr09 04 ML
07964 3H2K: Russian Military 1915 CW EGYE de 3H2K QTC ZAP K. 3H2K 287 57 16 2248 387 = ZAP 881 = PPPPP PKJhJ ... VhHEL aYPTe 610 K. (16Apr04) (RGA)
07966.0 5557: Moroccan OIL 2122 USB/ALE snd (15-04-2004)(MSM)
07968.0 FJJ: unid 16:36 USB/ALE TO QJQ .. then came a call for WWY, connection established, recording started, no tx came, (20-04-2004)(MSM)
07968.0 LJ9: unid 1632 USB/ALE calls WYY (20-04-2004)(MSM)
07992 HFB: Unid UK Military 1825 ALE/USB Sounding.

(12Apr04) (RGA)
07992 HFB: Unid UK Military 2141 ALE/USB Sounding.
(17Apr04) (RGA)
07993.5 NN3MDU: USN Mars 2333 P-I Ham/200Bd c1g f.u.
(12/Apr/04) (KK)
08000 : Unid 2038 MORSE/--/250 Continuous Vs in FSK Morse.
(12Apr04) (RGA)
08012.0 046NHQCAP: Civil Air Patrol 2309 USB ALE snd
(12/Apr/04) (KK)
08058.6 ANGSPRINGFIELD: (Nat'l Guard Bureau, Springfield OH):
2023 USB/ALE sounding. 13/04 RP3
08058.6 ANGSPRINGFIELD: (Nta'l Guard Bureau, Springfield OH):
2108 USB/ALE sounding. 09/04 RP3
08171.5 001: (unidentified element of 1/147th Avn Bn, WING, Truax
Field Madison WI): 0240 USB/ALE TO R24652 (UH-60A).
09/04 RP3
08171.5 T1Z159: (1/159th Avn Regt, Ft Bragg NC): 1336 USB/ALE
sounding. 20/04=RP3
08171.5 TF238: 238th AVN Tuzla, BIH 0752 USB/MIL-STD 188- 141A,
sounding, unit is part of "TF Renegade" (09Apr04) (LDO)
08171.5 TF238: 238th AVN Tuzla, BIH 0752 USB/MIL-STD 188-141A,
sounding, unit is part of "TF Renegade" (09Apr04) (LDO)
08192.5 9MR: JOHOR BAHARU MLA 1855 ITA2/50 poor text
"bagdad...jakarta..."Apr09 04 ML
08192.5 9MR: Malay Navrad 1515 RTTY/50/850 5LG. (16/Apr/04) (RH2)
08195.0 unid: ship 1919 USB arabic working HAMALA R Apr09 04 ML
08210.0 unid: ship 1921 USB ee calling phone number in pakistan
Apr09 04 ML
08268.7 WCZ8967: "JABULANI", USA 0107 P-II/100Bd cnt WGM-1
CruiseEmail, Ft. Lauderdale, FL (12/Apr/04) (KK)
08268.7 WDA5187: "PHOENIX", USA 0048 P-II/100Bd cnt WGM-1
CruiseEmail, Ft. Lauderdale, FL (12/Apr/04) (KK)
08268.7 WDB4166: Not listed Ship, USA 0014 P-II/100Bd cnt WGM-1
CruiseEmail, Ft. Lauderdale, FL (12/Apr/04) (KK)
08283.0 1001: GUARFI 1640 USB/ALE calls 5018 no luck
(20-04-2004)(MSM)
08297.5 VTP13/14 IN Vishakhapatnam 2205 RTTY/50/850 RY/SG + 4LG.
(14/Mar/04) (RH2)
08298 VTP13/14: IN Vishakhapatnam 2005 RTTY/50/850 RY/ID RBSL
VNR. (06/Apr/04) (RH2)
08303 LOR: AN Puerto Belgrano 0525 RTTY/75/170 5LG.
(09/Apr/04) (RH2)
08334 5557: N.African Net 2021 ALE/USB Sounding.
(17Apr04) (RGA)
08414.5 3ETZ8: Panamanian-registered Vehicle Carrier Niobi-I 0535
GMDSS Distress call - grounding at 2232N 08438W. Good
check sum. (28Mar04) (APB)
08414.5 : Charleville/wiluna MRCC AUS 1052 GMDSS Relays? apparent
abandoning ship distress message from unknown vessel
allegedly at 0512N 00100E. Unreliable. Checksum error.
(07Apr04) (APB)
08414.5 : MRCC Miami FL USA 1841 GMDSS Relays apparent fire,
explosion distress message from Ducky Sincere/3EVS at
0753N 07532E. (10Apr04) (APB)
08414.5 : MRCC Miami/Norfolk USA 0010 GMDSS Relays undesignated
distress message from unidentified Panamanian-registered
ship allegedly at 2302N 11330E. (21Mar04) (APB)
08414.5 : MRCC Miami/Norfolk USA 0719 GMDSS Relays apparent
distress message from an unidentified Tadzhiik ship using
illegal MMSI 000000000. Position given as 4138N 14457E.
(17Apr04) (APB)
08414.5 : MRCC New Orleans/Norfolk USA 0048 GMDSS Relays alleged
undesignated distress message apparently from Wan Hai
307/S6DT8, allegedly in distress at 4233N 15340W.
(21Mar04) (APB)
08414.5 : MRCC New Orleans/Norfolk USA 1719 GMDSS Relays alleged
distress message from Myrto/P3UH8 supposedly disabled and
adrift at 2851N 08922W. (27Mar04) (APB)

08414.5 : Unid Italian MRCC 2252 GMDSS Relays apparent distress message from apparent Panamanian-registered vessel Newcastle City/3FHA5 apparently in some sort of undesignated distress at 1918N 08934E. (12Apr04) (APB)

08414.5 : Unid MRCC 0218 GMDSS Relays apparent distress message from Cambodian vessel Ontik/XUEM3 allegedly in undesignated distress at 3354N 02830E. Checksum error. (16Apr04) (APB)

08414.5 : Unid MRCC 0714 GMDSS Relays apparent distress message from vessel Yodogawa/3ESN4 allegedly in undesignated distress at 1124N 06449W. (15Apr04) (APB)

08414.5 : Unid UK MRSC 0648 GMDSS Relays apparent distress message from Bomin Tea/9VRY allegedly in undesignated distress at 2813N 08954W. (01Apr04) (APB)

08414.5 NMC: CAMSPAC Point Reyes CA USA 1139 GMDSS Relays apparent distress message from unid Malaysian ship allegedly in undesignated distress at posn 0146N 11027E. (01Apr04) (APB)

08414.5 NMC: CAMSPAC Pt Reyes CA USA 0901 GMDSS Relays apparent distress message allegedly from unknown ship allegedly in undesignated distress at 3242N 12806E. (16Apr04) (APB)

08414.5 NMC: MRCC Alameda/CAMSPAC Pt Reyes CA USA 1337 GMDSS Acks alleged distress message from Mediterranean Highway/H9WT in undesignated distress at 2805N 12812E. (27Mar04) (APB)

08414.5 NMF: MRCC Boston/Norfolk USA 0838 GMDSS Relays distress msg from Ethanol tanker Bow Mariner/S6E03 which exploded, burned and sank off Hateras. (30Mar04) (APB)

08414.5 NMF: MRCC Boston/Norfolk USA 0848 GMDSS Relays apparent distress msg from unknown vessel in undesignated distress at 1841N 09154W. (30Mar04) (APB)

08415 UCUP: Russian Ship Andrei Pashkov 1034 GMDSS RQs unid Russian coast station (002733744) for duplex telephone call setup on 3520 (Rx) and 3522 (Tx). Tries three times without apparent success. (09Apr04) (RGA)

08415.5 : MRCC Boston/Norfolk USA 0728 GMDSS Acks apparent distress message allegedly from vessel Uncle John/C60H3 allegedly in undesignated distress at 2918N 09448W. Checksum error. (15Apr04) (APB)

08416.5 L2C: PNA Buenos Aires 0210 RTTY/75/170 wx/ss. (25/Mar/04) (RH2)

08427.0 PKX2: PERTAMINASHIP Jakarta 1350 ARQ msg rpt rqst to YDMV Cendrawasih (tanker) then to IRS mode & s/off, QSX was 8387 (28Mar04) (ML2)

08454.0 RFFMEA: ITA-2 75/850 15/apr/04 (BM)

08455 RFFMEA: French naval Saissac France 1541 Tue 30 Mar 04 RTTY 75 svc msg RY'S SG's (EB)

08461 : CIS Navrad 2305 36-50/50/240. (01/Apr/04) (RH2)

08462.5 Unknown: Unknown 0345 RTTY 100/850 Test tape repeated every minute, lang. might be portugese (11/Apr/2004) (J. Berri - CA)

08475 RFVIE: FN Le Port 1629 RTTY/75/850 Test tape "de FUX" etc. (09/Apr/04) (RH2)

08500 VTH1/5/7: IN Bombay 2356 RTTY/50/850 RY/ID/RBSL etc. (29/Mar/04) (RH2)

08585 REA4: AF HQ Moscow 1740 MORSE/--/1000 19170 regular broadcast. // 7852 and 4379. (19Mar04) (RGA)

08742 DAGGER: Clg MUSKET 0345 USB Told him to go to secondary frequency. I don't know secondary frequency. Maybe these are ships? (05Apr04) (CC)

08820.0 O/M (SS): 2352 USB calling Azul (Blue) w/no response. 13/04 RP3

08828.0 Auckland volmet: New Zealand 06:50 SSB volmet in english 11/04 (SP1)

08858 BB1: Israeli AF 1718 ALE/USB Calls AAA/NCS. Raises R10. (12Apr04) (RGA)

08867.0 Brisbane Radio: 0600 YL operator working several a/c USB 22/04 (PP1)

08873.0 Ndjamena: (MWARA AFI-4): 2347 USB w/flight 573

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w/permission to change altitude. 13/04 RP3
08888.0 YEKATERINBURG: VM 1938 USB russ y1 wx Apr09 04 ML
08912 CAMSPAC: Pt Reyes CA USA 2355 USB wkg STINGRAY 23 for
radio check. (18Mar04) (RB)
08912 CG 1717: USCG Helicopter? 0009 USB Clg CAMSLANT
Chesapeake in clear voice. Raises CAMSPAC, secures radio
guard, on deck Clearwater. (19Mar04) (RB)
08912 CS9: US Customs COTHEN Remote Beaufort SC or Corpus
Christi TX 2147 ALE/USB Sounding. (31Mar04) (RGA)
08912 JAVELIN 88: Clg PANTHER 0136 USB No response. British
male voice. (12Apr04) (GB)
08912.0 CS1: 0131 USB/ALE TO I34 (BICE CESSNA 550 #N2734K)
followed by Hammer (BICE AICC, March AFB CA) calling 34K
in clear voice then a short encrypted exchange. 14/04 RP3
08912.0 CS6: 0109 USB/ALE TO D49 (BICE P-3 AEW&C #N149CS, Corpus
Christi AMB, TX) then into encrypted voice. 14/04 RP3
08912.0 CamsPac: 0139 USB w/J18 (HH-60J # 6018, CGAS Clearwater)
who provides position as 2754N/8240W. 14/04 RP3
08939.0 ST PETERSBURG: VM 1308 USB russ om "arkhangelsk,
murmansk, kaliningrad ..." Apr12 04 ML
08939.0 UHD: ST PETERSBURG VM 1940 USB russ om wx Apr09 04 ML
08942 CLX793: CargoLux Flt 1913 HFDL At 4325N 03152E.
(22Mar04) (RGA)
08942 D-ALCN: Lufthansa Cargo MD11 Flt LH8419 1917 HFDL At
4932N 01439E. (22Mar04) (RGA)
08942 LX-PCV: CargoLux B747 'City of Diekirch' 1916 HFDL Signs
on. (22Mar04) (RGA)
08942 N327UP: UPS B767 Flt UP6711 1911 HFDL Signs on.
(22Mar04) (RGA)
08942 N462UP: UPS B757 1911 HFDL Signs on. (22Mar04) (RGA)
08942 RAM751: Royal Air Maroc Flt 1910 HFDL At 4150N 00204W.
(22Mar04) (RGA)
08942 RAM770: Royal Air Maroc Flight 1532 HFDL Reports 4520N
00024W to ARINC Shannon. (27Mar04) (RGA)
08942 SU0108: Aeroflot Flt 1909 HFDL Reports 5157N 02012E to
ARINC Shannon. (22Mar04) (RGA)
08942 VP-BWD: Aeroflot A320 Flt SU0252 1936 HFDL At 5506N
03735E. (22Mar04) (RGA)
08942 VP-BWJ: Aeroflot A319 Flt SU0114 1935 HFDL Reports 5549N
03637E to ARINC Shannon. (22Mar04) (RGA)
08971 DEMON 21: 0211 USB Clg/wkg WESTERN SKY. (03Apr04) (RB)
08971 GRAYKNIGHT 01: wkg WESTERN SKY 0244 USB "In the red",
request they go green. Into ANDVT. (03Apr04) (RB)
08971.0 BLUESTAR: (TSCC Puerto Rico) 0525z USB w CLEVELAND 82;
requests position of OSTRICH; CLEVELAND states position
as 083 degrees, 103 nmi from Point Bravo.
(18/Apr/2004) ALS)
08971.0 Golden Hawk: (TSCC, NAS Brunswick): 1617 USB calling
Fighting Tiger 25=(P-3C VP-8 NAS Brunswick) w/no
response. 20/04 RP3
08971.0 Jaguar: (probable TSCC NAS Jacksonville): 2355 USB
calling LA05J (P-3C, VP-5 NAS Jacksonville).13/04 (RP3)
08971.0 Quartet 712: (P-3C NAS Jacksonville): 1954 USB w/Jaguar
(unidentified) w/radio checks. 13/04 RP3
08971.0 Red Talon 71H: (P-3C, NAS Jacksonville): 1416 USB w/Red
Talon 71G (P-3C, NAS Jacksonville) in radio checks.
13/04 RP3
08971.0 Red Talon: 71H (P-3C NAS Jacksonville): 1952 USB w/Jaguar
(unidentified) w/radio checks. 13/04 RP3
08971.0 Red Talon: 71H (P-3C, NAS Jacksonville): 1948 USB w/Red
Talon 711 (not heard-P-3C NAS Jacksonville) w/clear and
ANDVT radio checks. 13/04 RP3
08977.0 REYKJAVIK: 1948 HFDL / SU0299 AEROFLOT pos near madrid /
LH8281/Apr09 04 ML
08980.0 NMG: (Coast Guard, New Orleans): 1322 USB/ALE sounding.
19/04 RP3
08992 ACID TEST: 28-char EAM 0306 USB PY25C2 with nothing heard
on 11244, 6697 or 13155. Ended with the "standing by for traffic"

statement. (20 Mar 04) (JH)
08992 ACID TEST: EAM Bcast 0315 USB PY25C2 with nothing heard
on 11244, 6697 or 13155. H+14/h+44 activity. Ended with
the "standing by for traffic" statement. (20 Mar 04) (JH)
08992 AUTOMATIC: EAM Bcast 1832 USB WLYIL3 simulcast on at
least 11244 and 6697 with nothing heard 13155.
(24 Mar 04) (JH)
08992 AUTOMATIC: wkg ABORTIVE 1646 USB ABORTIVE unheard.
(24 Mar 04) (JH)
08992 DAFFODIL: wkg ANDREWS 2020 USB For apparent phone patch.
Delayed for various EAM bcasts and rebcasts. Still
waiting at 2038z. (17 Apr 04) (JH)
08992 FIVE SPOT: wkg OFFUTT 1740 USB For a phone patch to pass
an AKAC message of 5 groups (T33 7HK VCU VIW M2Y) and
gone. (03 Apr 04) (JH)
08992 HUSKER 55: Clg OFFUTT 0006 USB No response and gone.
(25 Mar 04) (JH)
08992 JAMBO 28: Clg ANDREWS & MAINSAIL 1729 USB Raising OFFUTT
for an "ops normal; negative relay" and gone.
(23 Mar 04) (JH)
08992 OFFUTT GLOBAL: Calling AUTOMATIC 1519 USB No known
response. (24 Mar 04) (JH)
08992 RED CHALICE 71F(?): wkg PUERTO RICO 0120 USB Phone patch
to JAGUAR to pass a SPARE GROUP 17 and gone.
(13 Apr 04) (JH)
08992 ROGUE 06: Clg SKYBIRD 1828 USB No known response.
(25 Mar 04) (JH)
08992 SURVIVAL: Clg MAINSAIL 0234 USB Raising HICKAM for a
phone patch to a common DSN 939 number for some orderwire
coordination. wanted the ground party (which he maybe
id'd as LIGAMENT but said he got his callsigns confused)
to get with AREA CODE to establish a link via RF 19 and
gone. (25 Mar 04) (JH)
08992 SURVIVAL: wkg MCCLELLAN 0352 USB For a phone patch to a
DSN 718 number (Maintenance) to ask that they be met by a
liquid oxygen qualified person as they were low on LOX.
Patch terminated and gone. (25 Mar 04) (JH)
08992 SYLLABUS: 28-char EAM 0307 USB PY4PDY (female op),
simulcast on at least 11244 with nothing heard on 6697 or
13155. (21 Mar 04) (JH)
08992 SYLLABUS: Clg LOOP HULA 0609 USB No known response and
quiet. (21 Mar 04) (JH)
08992.0 LF04: (P-3C, VP-16 NAS Jacksonville): 0039 USB w/Puerto
Rico in pp w/Eagle Base (VP-16 Ops) who advises LF000
(callsign used by Eagle Base) that their PPR for Homstead
FL & Guantanamo Cuba has been cancelled. 14/04 RP3
09006 : Russian Military 1900 MS-5/4800/DPSK/USB Cipher.
(02Apr04) (RGA)
09007.0 Shadow 38: (MC-130 Kirtland AFB): 0615 USB w/Trenton
Military-not heard) in pp w/Kirtland Metro w/wx for
Albuquerque NM. 13/04 RP3
09022 : NATO Tactical Data System 2126 LINK-11/2250/USB TADIL-
A. (31Mar04) (RGA)
09025 160025: USAF C-5 86-0025 1705 ALE/USB Calls ADW/Andrews
AFB without result. Raises CRO/Croughton on next call.
(12Apr04) (RGA)
09025 170171: USAF C-5 67-0171 2126 ALE/USB Sounding.
(31Mar04) (RGA)
09025 PLA: USAF Lajes Field AZR 2008 ALE/USB PLA JNR/NAS
Salinas PR and JDG/ NAS Diego Garcia sounding.
(16Apr04) (RGA)
09030 : NATO System 2129 NATO-75/75/850 Blocked intermittent
traffic. ACF64 headers. Ship freq? (31Mar04) (RGA)
09031 ARCHITECT: RAF STCICS Bampton Castle 1903 USB Male opr
with UK airfields' QNHs. (02Apr04) (RGA)
09031.0 RAF ARCHITECT: 1603 USB airfields status"... 015 ?...016
?..." Apr10 04 ML
09032 REACH 5E2: wkg MAC CENTRE 2046 USB Called for its DALOS

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(60 degrees south) report but no contact so they tried 11256. They were able to give the report on 11256 which they will now continue to use. (10Apr04) (JC)

09040.7 5YE: Nairobi Met 0019 RTTY/100/750 AAXX wx codes. (24/Mar/04) (RH2)

09052.0 RABAT: FRENCH EMB RABAT 1643 MIL.STD 188-141A ALE on usb. C1ng CER11 (14/Apr)(DW)

09052.0 RABAT: FRENCH EMB RABAT 1646 MIL.STD 188-141A ALE on usb. C1ng CER11 (13/Apr)(DW)

09076.7 ---: FF LIBREVILLE? 1600 ARQ/E3 191.7/E/400 8rc. Betas. Poor sync (28/Mar)(DW)

09090 1657: Poss Italian Carabinieri 2142 ALE/USB Calls 1000. (31Mar04) (RGA)

09110 NMF: USCG Boston MA 2133 FAX/120/576 Bad multipath blur. Pressure chart. Surface analysis scheduled. (31Mar04) (RGA)

09143.0 unid: ?? 1314 ITA2/50 ?? Apr12 04 ML

09145.0 ANGSPRINGFIELD: (Nat'l Guard Bureau, Springfield OH): 1748 USB/ALE sounding. 18/04 RP3

09145.0 BARRAZA: (Peruvian hospital net): 0004 USB/ALE TO CHOCOPE (Peruvian hospital net). 13/04 RP3

09145.0 BARRAZA: (Peruvian hospital net): 0624 USB/ALE TO CHOCOPE (Peruvian hospital net). 20/04 RP3

09190 T571AA: 571 Med Co (AirEvac) US Army Iraq 2129 ALE/USB Sounds. (31Mar04) (RGA)

09231.0 7XR: 31? BECHAR? ALGERIAN MET NET 0616 USB fren/arab wx data & d/x Apr11 04 ML

09232 : Unid CIS Stn 2210 RTTY/50/500 Cipher msgs. Ends 'HLI13 Bazilenko 0110 MENQ POLAWSE AU WASA BUDET?? PON ZNN SPS. Poss Ukranian. (31Mar04) (RGA)

09295.0 159X1: (probable exercise element of the 1/159th Avn Regt, FT Bragg NC): 0620 USB/ALE TO P1Z159 (1/159th Avn regt, Ft Bragg NC). Also noted on 07361.5 & 08171.5. 09/04 RP3

09295.0 P1Z159: (1/159th Aviation Regt, Ft Bragg NC): 0641 USB/ALE sounding. Also sounding on 07361.5. 10/04 RP3

09295.0 REDSIL: (unidentified): 1516 USB/ALE TO EAATS (Eastern Army Aviation Training Site, Ft Indiantown Gap PA). 13/04 RP3

09295.0 REDSIL: (unidentified): 1522 USB/ALE TO FLTOPS (possibly Flight Operations). 13/04 RP3

09295.0 TBZ159: ("B" Company, 1/159th Avn Regt, Kinston NC): 1325 USB/ALE=sounding. 20/04 RP3

09310.0 Architect: (RAF Flight watch): 2330 USB w/airfield color status report. 20/04 RP3

09325.0 CENTR3: MFA BUCHAREST 1539 MIL.STD 188-141A ALE on USB. C1ng UMC (13/Apr)(DW)

09325.0 UMC: ROMANIAN EMB ?LOC 1539 MIL.STD 188-141A ALE on usb. Responding to Bucharest/CENTR3. 1613 c1ng Bucharest (13/Apr)(DW)

09331.0 unid: 0603 DSB / Female in Spanish with five-figure groups. (24March2004) (Midwest USA)

09371 5556: N.African Net 2005 ALE/USB Sounding. (17Apr04) (RGA)

09403 67GH: Unid Chinese Stn 0611 CW vvv 67gh 67gh 67gh (R) id id nr 2t1 1413 = 67gv/kmn8 id id nr 2t1 1413 = 67gv/kmn8 iii iii. (14Apr04) (IB)

09452 481: Enigma XP 0600 USB dk/gc 07762/1st message: 151 grps, 2nd message: 125 grps. strong/readable in Rommele, Sweden. (06Apr04) (CA)

09982.5 KVM70: Honolulu Met 0617 FAX/120/576 S'face Analysis. Better on 11090. (10/Apr/04) (RH2)

10024.0 Aero Mexico 011: (O/M SS): 0629 USB calling CENAMER w/no response. 13/04 RP3

10024.0 Continental 1108: 0706 USB calling CENAMER Radio w/no response. 13/04 RP3

10026.7 : Unid Egyptian Diplo 2100 ARQ Yks yks and offair. (31Mar04) (RGA)

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10051 GANDERRADIO: Gander VOLMET NF CAN 1828 USB OM with Canadian aifields weather actuals. (02Apr04) (RGA)

10075 LH8419: Lufthansa Cargo MD11F 1635 HF DL Reports 4233N 03504E to ARINC Muharraq. (20Mar04) (RGA)

10075 LH8440: Lufthansa Cargo MD11F 1638 HF DL At 4445N 06130E. (20Mar04) (RGA)

10075 SU0299: Aeroflot Flt 1638 HF DL At 5551N 03503E. (20Mar04) (RGA)

10075 VP-BWD: Aeroflot A320 Flt SU0582 1649 HF DL At 5627N 02931E. (20Mar04) (RGA)

10100.7 DDK9: Hamburg Met 1705 RTTY/50/400 Synop codes. (16/Apr/04) (RH2)

10151.5 V3A: (unidentified, probable Venezuelan military): 0351 USB/ALE sounding. 20/04 RP3

10151.5 V3B: (unidentified): 0013 USB/ALE sounding. 19/04 RP3

10162.0 033NHQCAP: Civil Air Patrol 2259 USB ALE snd (12/Apr/04) (KK)

10166.4 VCT: Globe Tor's Cove NF CAN 1831 GLOBEDATA Idlers. (02Apr04) (RGA)

10166.4 VCT: Globe Tor's Cove NF CAN 2108 GLOBEDATA Idling. (31Mar04) (RGA)

10168.7 : Egyptian Embassy Washington DC USA 2109 ARQ ATU80 msgs to kdktx-ke/unid. (31Mar04) (RGA)

10168.7 : Unid Egyptian Diplo 1856 ARQ Long period of IRS. Opchat in ATU80 yks and offair. Another station was on the frequency which goes offair with yks at 1930z which explains why copy of the first stn was so bad despite a reasonable signal. The second one was too poor to copy and yet a third user is now on the freq. Mostly uncopiable. (11Apr04) (RGA)

10182.0 TXXX: GUARDIA CIVIL HQ 1207 MIL.STD 188-141A ALE on usb. Cing TZSH/Huelva who responds. 1738 Cing TZSG/Granada, also at 1740z (19/Mar)(DW)

10182.0 TZSH: GUARDIA CIVIL HUEVLA 1207 MIL.STD 188-141A ALE on usb. Responding to TXXX/GC HQ (19/Mar)(DW)

10242.0 CG J37: (HH-60J # 6037, CGAS Cape Cod-id as flight of two): 0140 USB calling CamsPac w/no response. 14/04 RP3

10242.0 CamsPac Point Reyes CA: 2337 USB w/CG J31 (HH-60J # 6031, CGAS Elizabeth City-not heard) establishing radio guard. 13/04 RP3

10242.0 UCG (CamsPac): 0107 USB/ALE TO F29 (HU-25 # 2129, CGAS Miami) then followed by CamsPac in voice calling F219 w/no response. 14/04 RP3

10244 HR: Algerian Sonatrach Hassi R'Mel 1615 ALE/USB Sounding. Also ALG/Algiers (12Apr04) (RGA)

10285 RNOUSLR1: Algerian Sonatrach Rhourde Nouss LR1 Pipeline 1628 ALE/LSB Sounding. Also INAS30P/In Amenas. (12Apr04) (RGA)

10301.0 A01: Unid 1405 UTC USB/ALE TO HF13CCCMD. Also A02, A03, A04,A05, A06 and HF593ETOC1, HF593CE515, HF593CE185on this freq. (10/Apr/04) (HUN)

10301.0 HF13CCCMD: Unid US Military 1405 USB/ALE / also A01 to A06 , HF593ETOC1, HF593CE515, HF593CE185 (16/Apr/2004) (HUN)

10346 : UNID RUS-MIL, RUS 1135 USB/BPSK+QPSK 1200Bd serial, traffic to unlocated station, frequent idling periods (09Apr04) (LDO)

10346.0 no-call: UNID RUS-MIL, RUS 1135 USB/BPSK+QPSK 1200Bd serial, traffic to unlocated station, frequent idling periods (09Apr04) (LDO)

10360 SAB:Stockholm radio Sweden Maritime 1307 Tue 30 Mar 04 Globe marker (EB)

10360.0 0000004444: TURKISH NET ?LOC 2210 MIL.STD 188-141A ALE on usb. Sounding. Also at 2243z (20/Mar)(DW)

10360.0 0000006666: TURKISH NET ?LOC 1653 MIL.STD 188-141A ALE on usb. Sounding. Also at 1909, 2210z (20/Mar)(DW)

10366.0 T22227: 2-227 Avn Reg. Hood, TX 1914 USB ALE/MIL-188-141A clg R26335 UH-60 (11/Apr/04) (KK)

10403 WPC:Pine Oak New Jersey USA Maritime 1205 Tue 30 Mar 04
ARQ 100 occasional CW id (EB)

10404.6 WPC: Pin Oak Radio NJ USA 1836 PACTOR? Apparent idlers
w/Morse ID. (02Apr04) (RGA)

10408 PLZ244: Poss 244 Avn Bde US Army/NGB Aurora IL 1632
ALE/USB Sounding. (12Apr04) (RGA)

10408 TF185: Poss 185 Avn Co US Army/NGB Camp Shelby MI 1614
ALE/USB Sounding. (12Apr04) (RGA)

10408.0 UNID: ALE 125/250 (16/Apr/2004) (t1z227)

10499.0 OCAMP0: Turkish Mil Camp 2301 USB ALE snd
(12/Apr/04) (KK)

10520.5 T571AA: 571st MEDCo 1640 USB ALE snd (12/Apr/04) (KK)

10531 RJF9H: Russian Navy 2327 CW Simplex. Hourly comms checks
with RCY7 and RAO98. Sporadic 5FGs. Interesting net.
(21Mar04) (AB)

10531 RK03: wkg RCY7 RAO98 0005 CW RJF9H silenced the Sx net at
0024 and called RK03 who had 2 msgs for the net.
(26Mar04) (AB2)

10536 CFH: CF Halifax/0009 FAX/120/576 Nice Ice chart. //4271
(24/Mar/04) (RH2)

10536 CFH: Canadian Metocen Halifax NS CAN 1854 RTTY/75/850
Canadian airfields weather actuals. (11Apr04) (RGA)

10595 114: Unid 1843 ALE/USB Calls 135. (31Mar04) (RGA)

10600.0 ARMARIO: (Venezuelan Naval base, Puerto Cabella): 0104
USB/ALE TO CGARM (Venezuelan Navy HQs). 20/04 RP3

10600.0 ARMARIO: (Venezuelan Naval base, Puerto Cabella): 1131
USB/ALE TO FALCON (unidentified, possible vessel).
19/04 RP3

10600.0 ARMARIO: (Venezuelan Naval base, Puerto Cabella): 2145
USB/ALE TO CGARM (Venezuelan Navy HQs). 20/04 RP3=20

10600.0 CGARM: (Venezuelan Navy HQs): 2225 USB/ALE TO FALCON
(probable naval=vessel). 20/04 RP3

10600.0 CGGN: (Venezuelan National Guard HQs): 2218 USB/ALE TO
CORE7 (Comando=Regional n=FAmero 7). 20/04 RP3

10600.0 PAR: (unidentified, probable Venezuelan Navy): 0015
USB/ALE sounding.20/04 RP3

10614 R10: Israeli AF 1938 ALE/USB Calls BB2 who responds.
(31Mar04) (RGA)

10627 185: Prob E.Asian Net 2038 ALE/USB Sounding.
(31Mar04) (RGA)

10746 SAB:Stockholm radio Sweden Maritime 1159 Tue 30 Mar 04
Globe marker (EB)

10825.0 ADDISABEBA:FRENCH EMB ADDIS ABEBA 1658 MIL.STD 188-141A
ALE on usb. C1ng LeCaire/Cairo who responds (14/Apr)(DW)

10825.0 LECAIRE:FRENCH EMB CAIRO 0737 MIL.STD 188-141A ALE on
usb. C1ng ADDISABEBA (13/Apr)(DW)

10825.0 LECAIRE:FRENCH EMB CAIRO 1658 MIL.STD 188-141A ALE on
usb. Responds to Addis Abeba (14/Apr)(DW)

10825.0 RABAT: FRENCH EMB RABAT 1646 MIL.STD 188-141A ALE on usb.
C1ng CER11. Also at 1652, 1657, 1713 (13/Apr)(DW)

10836.0 unid: ?? 1331 USB polish d/x phone call Apr12 04 ML

10852 481: Enigma XP 0620 USB dk/gc 07762/1st message: 151
grps, 2nd message: 125 grps. Strong/readable in Rommele,
Sweden and also weak/readable in the States. HEADER: 481
481 481 2 481 481 481 2 481 481 481 2 481 481 481 2 481
481 481 2 481 481 481 2 481 481 481 2 481 481 481 2 481
481 481 2 481. (06Apr04) (CA)

10869 RFQP: Jibuti DJI 2315 ARQ-E3/100/425 CDev cct RUN.
(18Apr04) (BC2)

10869.2 Unid: is ARQ-E3 100/400.0234Z 17/apr/04 (BM)

10871.9 S: MX Beacon 1056 CW Arkhangelsk. (17Apr04) (RGA)

10872.4 F/K/M: Cluster Beacon 1851 CW F=10872.2 Vladivostok. K=
10872.3/ Petropavlovsk Kamchatskiy. M=10872.4/Magadan.
(02Apr04) (RGA)

10886.2 unid: Moscow Met 1700 FAX/120/576 Clean chart N. Baltic.
(17/Apr/04) (RH2)

10945 4TT: Moroccan Gendarmerie 1904 ALE/USB Calls 9PY. Also
works 1PG and 5EE. (31Mar04) (RGA)

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10945 8ZE: Moroccan Gendarmerie 1555 ALE/USB calls 8EQ. 2WT calls 3VD. (12Apr04) (RGA)

10945 CFH: CanForce Halifax NS CAN 1858 RTTY/75/850 ZKR idlers. (02Apr04) (RGA)

10946 CFH: Canadian forces Newfoundland Canada Military 1156 Tue 30 Mar 04 RTTY 75 callband (EB)

11024 ---: MFA Cairo Egypt Government 1936 Mon 29 Mar 04 ARQ 100 end of sked (EB)

11035 U3H: French MIL attach, Moscow, F 1225 USB/STANAG 4285 FEC-bursts using THALES modem with 2400 bps & long interleaving, tfc to MOD Paris, QSX 11173, circuit ID: "UCM" (09Apr04) (LDO)

11035.0 U3H: French MIL attach=E9 Moscow, F 1225 USB/STANAG 4285 FEC-bursts using THALES modem with 2400 bps & long interleaving, tfc to MOD Paris, QSX 11173, circuit ID: "UCM" (09Apr04) (LDO)

11086.7 GYA: RN Northwood 2100 FAX/120/576 Fuzzy - better on 13780. (04/Apr/04) (RH2)

11090 KVM70: Honolulu R 1251 FAX/120/576 Satpix. (12/Apr/04) (RH2)

11090 KVM70: USCG Honolulu 0610 FAX/120/576 surface prog - fair. (27/Mar/04) (RH2)

11105.0 CHINESE FORCES: 4230 UNID: UNID 0431 UTC USB/FAX 040414 (ms)

11105.0 US ARMY: ??/ this 147 0800 ALE to 162 / to172 Apr12 04 ML

11109.0 LCR154: POL MIL prob Janki (Lucerna?) n/warsaw 1658 USB/ALE calls SPI324 unid POL MIL (prob Iraq) (20-04-2004) (MSM)

11130.0 111: Unid 2130 ALE/USB clg 100. DIAL 33326168 (18/04/04) (AJP)

11145 LFI: Globe Rogaland NOR 1808 GLOBEDATA Idling. (11Apr04) (RGA)

11175 LONG TERM: Clg ANDREWS 0011 USB For radio check (x2) with no answer. Signal was strong here in Arizona. (07Apr04) (DC)

11175 OFFUTT: EAM Bcast 2030 USB 28-char 7M2PR4. (12Apr04) (KC2HMZ)

11175 OFFUTT: EAM Bcast 2036 USB 7MD4TL. (12Apr04) (KC2HMZ)

11175 OFFUTT: EAM Bcast 2107 USB 7M4TNR. (12Apr04) (KC2HMZ)

11175 OFFUTT: SKYKING Msg 2033 USB SKYKING FOXTROT. (12Apr04) (KC2HMZ)

11175 PISTON 41: wkg ANDREWS 0015 USB (07Apr04) (KC2HMZ)

11175.0 Andrews: USAF HF-GCS 2219 USB / pp for Nighthawk 7 to phone number C301-###-#### (MD). (24March2004) (Midwest USA)

11181 JDGSPR: USAF SIPRNet Stn Diego Garcia 1942 ALE/USB Sounding. (22Mar04) (RGA)

11184 A7-ACC: Qatar Airways A330 Flt QR0001 1453 HF DL At 4742N 01943E. (27Mar04) (RGA)

11184 ADH74E: Unlisted Airline 1139 HF DL At 3911N 00909E. (24Mar04) (RGA)

11184 CO0051: Continental Flt 1151 HF DL Reports 4902N 00344W. (27Mar04) (RGA)

11184 CO0081: Continental Flt 1131 HF DL Reports 5033N 02535W to ARINC Reykjavik. (24Mar04) (RGA)

11184 D-ALCD: Lufthansa Cargo MD11F Flt LH8442 1211 HF DL Signs on. (27Mar04) (RGA)

11184 D-ALCD: Lufthansa Cargo MD11F Flt LH8442 1403 HF DL Signs on. (27Mar04) (RGA)

11184 G-VFOX: Virgin Atlantic A340 'Silver Lady' Flt VS0901 1145 HF DL At 6738N 01900E. (24Mar04) (RGA)

11184 G-VGOA: Virgin Atlantic A340 'Indian Princess' 1354 HF DL Signs on. (27Mar04) (RGA)

11184 LH8442: Lufthansa Cargo MD11 1133 HF DL At 4942N 01251E. (24Mar04) (RGA)

11184 LX-PCV: CargoLux B747 'City of Diekirch' 1407 HF DL Signs on. (27Mar04) (RGA)

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11184 N271UP: UPS MD11F 1147 HFDL Signs on to ARINC Reykjavik.
ICAO ID C03545. (27Mar04) (RGA)

11184 N41135: Continental B757 1235 HFDL Signs on.
(24Mar04) (RGA)

11184 N570FE: Federal Express MD10-10F Flt FX0006 1221 HFDL
Reports 5859N 04003W to ARINC Reykjavik. (24Mar04) (RGA)

11184 N66051: Continental B767-424ER 1146 HFDL Acks crew
rotation list. (24Mar04) (RGA)

11184 N67157: Continental B767 1219 HFDL Signs on.
(27Mar04) (RGA)

11184 N68160: Continental B767 1207 HFDL Signs on.
(27Mar04) (RGA)

11184 N69154: Continental B767 Flt CO0041 1157 HFDL Reports
4901N 01528W. (27Mar04) (RGA)

11184 OH-LBO: Finnair B757 Flt AY2363 1331 HFDL At 3640N
01345W. (27Mar04) (RGA)

11184 OH-LBS: Finnair B757 1150 HFDL Signs on. (27Mar04) (RGA)

11184 OH-LBT: Finnair B757 1151 HFDL Signs on. (24Mar04) (RGA)

11184 SU0254: Aeroflot Flt 1330 HFDL At 5407N 02200E.
(27Mar04) (RGA)

11184 SU0266: Aeroflot Flt 1133 HFDL At 4716N 01508E.
(24Mar04) (RGA)

11184 VP-BAV: Aeroflot B767 Flt SU0315 1333 HFDL At 5732N
02827E. (27Mar04) (RGA)

11184 VP-BAZ: Aeroflot B767 1338 HFDL Signs on. (27Mar04) (RGA)

11184 VP-BDK: Aeroflot A320 Flt SU0118 1453 HFDL At 5651N
02337E. (27Mar04) (RGA)

11184 VP-BWE: Aeroflot A320 1227 HFDL Signs on. (27Mar04) (RGA)

11184 VP-BWI: Aeroflot A320-214 Flt SU0254 1253 HFDL Signs on
to ARINC Reykjavik. ICAO ID BA8002. (27Mar04) (RGA)

11184 ZS-SNE: S.African Airways Flt 1153 HFDL Signs on.
(24Mar04) (RGA)

11205.0 Shark 42: 1452 USB w/Smasher (SouthCom Flight watch
Facility, Key West) reporting position as 1754N/7448W.
Shark 42 departed Kingston Jamaica at 1415Z and ETA at
Santo Domingo of 1600Z. Shark42 also headed for Antigua.
Shark 42 reminded Smasher that they did not have a
diplomatic clearance for one of their destinations and
asked Smasher to check on the status of that clearance.
Shark 42 also asked for confirmation that their RON
destination would be Henry Rohlsen Airport, Virgin
Islands. 13/04 RP3

11213 : NATO System 1825 NATO-75/75/850 Blocked msgs with ACF64
headers. (02Apr04) (RGA)

11226.0 PLA: Lajes Field USAF 2145 USB/ALE snd (15-04-2004)(MSM)

11226.0 USAF ICZ sigonella: 1312 ALE to ADW andrews Apr11 04 ML

11232 DRAGNET WHISKY: Clg TRENTON MILITARY 2115 USB For phone
patch. Inquiring as to runway conditions at Tinker and
[it sounded like] McDonald. (06Apr04) (DJH)

11232.0 CANF CFH HALIFAX: 1701 USB working canforce2742 /
CC-130E /Apr09 04 ML

11232.0 CANF CFH HALIFAX: 1706 USB "61 go ahead "Apr09 04 ML

11232.0 CANF CFH HALIFAX: 1711 USB working canforce 4419 /CC-150
Apr09 04 ML

11232.0 Trenton Military: 0337 USB w/Sentry 06 (E-3B AWACS Tinker
AFB) in pp w/Tinker Metro. 14/04 RP3

11232.0 Trenton Military: 2020 USB w/Sentry 41 (E-3B AWACS Tinker
AFB) in pp w/Raymond 24 (Tinker AFB) w/formatted report.
13/04 RP3

11235 ?-BGA: Unid/Possible vessel 2310 USB Used NATO-like
phonetics of (something) Bravo Golf Alpha, after contact
shortened to Golf Alpha like the German Navy does. Using
Spanish numbers (uno, cinco) and cambio. Sounds military.
Passing several messages. (13Mar04) (RB)

11244 ANDREWS: Clg AMBER 70166 (?) 1608 USB "On 11244" and
requesting that if they copied this xmsn to reply and
state their freq and gone. (24 Mar 04) (JH)

11244 ANDREWS: Clg AMBER 70166 1608 USB (Probably ECHO 70166).

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- Requesting that if they copied this transmission to reply and state their freq and gone. (24 Mar 04) (JH)
- 11244 ANDREWS: Clg ECHO 70166 1627 USB In the bline to request that they contact any global station on 11175. Repeated 3 times and gone. (24 Mar 04) (JH)
- 11244 AUTOMATIC: EAM Bcast 1942 USB PA6BVZ. At 1944z she bcast PALVUC. At 1946z 20-char PAJZDH. Heard on 11244, 8992 and 6697. Unheard 13155. (24 Mar 04) (JH)
- 11244 CALM DAY: 28-char EAM 2121 USB PYG6AP simulcast on at least 8992 with nothing heard on 13155 or 6697. (21 Mar 04) (JH)
- 11244 CALM DAY: EAM Bcast 2207 USB PYG6AP simulcast on at least 8992 with nothing heard on 13155 or 6697. At 2209z CALM DAY bcast an AKAC 3-6-9 message of 5 groups (4JJ QZG AKV QN5 GKN) x2 and out. (21 Mar 04) (JH)
- 11244 CHALICE GOLF: Clg CATHEDRAL 1854 USB No known response. Female op. (24 Mar 04) (JH)
- 11244 DITTY BAG: 3x28-char EAMs 1455 USB 7MNV5A; 7MHVTG; 7MW6I2 simulcast on at least 8992 with nothing heard on 6697 or 13155. H+25/h+55 activity. (15 Apr 04) (JH)
- 11244 FIVE SPOT: Clg ANY STATION & ANDREWS 1730 USB Called a number of times "with request" without response. (03 Apr 04) (JH)
- 11244 GOAL POST: EAM Bcast 0210 USB EAM missed. (31 Mar 04) (JH)
- 11244 LOOP HULA: 3-6-9 Message 0604 USB To "all stations": M6B RRM 6K2 JT6 YXK CQS (x2) and gone. He apparently did not use the phrase "AKAC 369 message" and no group count statement noted. Nothing heard on 8992. (21 Mar 04) (JH)
- 11244 MAILBAG: 28-char EAM 1833 USB VWIYWY slightly preceding OFFUTT's HFGCS bcast of same. Suspected NAOC. (31 Mar 04) (JH)
- 11244 MCCLELLAN: EAM Bcast 0110 USB w/EAM. // 8992. (02Apr04) (RB)
- 11244 OFFUTT GLOBAL: Clg ANY STATION OPERATING ON 11244 1519 USB For a radio check and raise unid (too weak) for the radio check and gone. (24 Mar 04) (JH)
- 11244 OFFUTT GLOBAL: Clg AUTOMATIC 1519 USB "On 11244" with no known response. (24 Mar 04) (JH)
- 11244 OFFUTT: 183-char EAM 1822 USB WLYIL3 with very distinctive formatting. (24 Mar 04) (JH)
- 11244 OFFUTT: 28-char EAM 1953 USB PYAX3W. (24 Mar 04) (JH)
- 11244 OFFUTT: Clg BERNADINE 2143 USB Called a number of times "on 11244" with no known response and quiet (and into two 6-character EAMs). It's the second time in a month that the HFGCS has used 11244 to call a callword. (02 Apr 04) (JH)
- 11244 OVER____(?): 48-char EAM 1911 USB WLWUBI OFFUTT's HFGCS bcast of same and simulcast on at least 8992. Excellent SCOPE Command quality audio; suspected NAOC]. (10 Apr 04) (JH)
- 11244 READY MADE: 28-char EAM 1525 USB VW740G. Maybe READY MAN. Simulcasting on at least 8992 with nothing heard on 6697 or 13155. He popped up on freq a moment or two after the completion of his xmsn with a couple of "standing by for traffic" (07 Apr 04) (JH)
- 11244 TANGO 01: 20-char EAM Bcast 1951 USB PAJZDH. These callword/numeric stations with traffic are common during these exercises. (24 Mar 04) (JH)
- 11244 Unid: Clg Unid 1935 USB Stepped on by OFFUTT's HFGCS bcast of a 6 (PA6PVZ)/6 (PALVUC)/20 (PAJZDH) character EAM set. During OFFUTT's txmn an unknown player became active with an unknown P????? EAM. (24 Mar 04) (JH)
- 11244 Unid: Clg ____ CONTROL 1416 USB Missed IDs. (24 Mar 04) (JH)
- 11244 Unid: EAM Bcast 1841 USB WLYIL3 simulcast on at least 13155 with nothing heard on 8992 or 6697. Exercise? (24 Mar 04) (JH)

- 11244 Unid: French Language Comms 2310 USB For a few moments and gone. (29 Mar 04) (JH)
- 11244 Unid: Various IDs 1918 USB weak/barely readable; calling unknown party and working (unheard here). Maybe id'd as "_____ CONTROL"; "RADIO MAINTENANCE" maybe calling BARKSDALE; definitely id'd as part of the 155th ARW; in response to the other party id'd himself as "Copy. LINCOLN is the same, standing ["up" or sounds like] for exercise and gone. (23 Mar 04) (JH)
- 11244 VARIABLE: EAM Bcast 1954 USB PYAZ3W with nothing heard on 8992, 6697 or 13155. (24 Mar 04) (JH)
- 11246 364: C1g Maybe HOUSTON 2109 USB (Call maybe ___364; weak/readable. No response and gone. (05 Apr 04) (JH)
- 11247.0 NATO 05: 1300z NATO 05 with Architect , request wx for EGCC and Waddington USB 22/04 (PP1)
- 11256 Addis: Addis Ababa LDOC 0058 USB wkg 875 or 8755 w/selcal check. (11Mar04) (RB)
- 11256 Holloway: LDOC 0129 USB Ethiopian Airlines LDOC. wkg 3315 after selcal. (11Mar04) (RB)
- 11275.0 O/M (IT): 1904 LSB w/unheard station. Probably out-of-band activity. 13/04 RP3
- 11285 Brunei 93:Chennai Air radio 1750 Mon 29 Mar 04 USB posn check (EB)
- 11297.0 ROSTOV: VM 1327 USB y1 wx "astrakhan ...krasnodar... " Apr11 04 ML
- 11297.0 ST PETERSBURG: VM 1335 USB om wx Apr11 04 ML
- 11300 Cairo: (MWARA/AFI-3) 0147 USB Att to answer ?-512. No luck. (11Mar04) (RB)
- 11300 Springbok 274: wkg Poss Brazzaville 0140 USB (Brazza?) w/posn. Station was badly distorted. MWARA/AFI-3). (11Mar04) (RB)
- 11300 Tripoli: ACC (MWARA/AFI-3) 0142 USB wkg Athena-? 341 w/posn. (11Mar04) (RB)
- 11318.0 SYKTYVKAR: VM 1338 USB russ wx Apr12 04 ML
- 11384 I-LIVA: Livingstone A321 Flt LVG529 1534 HF DL At 4324N 01228E. Also known as Flt L49256. (27Mar04) (RGA)
- 11384 LX-PCV: CargoLux B747 'City of Diekirch' Flt CV0775 1513 HF DL Signs on. KLAX->ELLX. Last seen at 1407z working Reykjavik. (27Mar04) (RGA)
- 11384 RAM761: Royal Air Maroc Flight 1536 HF DL At 3452N 00554W. (27Mar04) (RGA)
- 11407 REACH 707: wkg AFA3AF 0050 USB Over Ireland, wkg AFA3AD, USAF MARS for phone patches home. (02Apr04) (RB)
- 11425.0 PHG: ROMANIAN EMB ?LOC 0859 MIL.STD 188-141A ALE on usb. C1ng CENTR7/Bucharest (22/Mar)(DW)
- 11492 0000006149: Turkish Net 1907 ALE/USB Sounding. (22Mar04) (RGA)
- 11492.0 0000006138: TURKISH INTEL?(by DW) 2129 USB/ALE snd (15-04-2004)(MSM)
- 11550 420: Israeli AF C-130H 4X-FBQ 1911 ALE/USB Calls BB1. This frequency now has a total of nine different users. (22Mar04) (RGA)
- 11550 AAA: Unid 2100 ALE/USB Sounds. (19Mar04) (RGA)
- 11610.0 SCLC222: (Communications Logistics center, 222nd Motorized Inf Bn, Venezuelan Army): 1039 USB/ALE TO CLC22 (Communications Logistics Center, 22nd Inf Bde). Also noted on 08187.0. 17/04 RP3
- 11625.0 MONTECANO: (Venezuelan Air Defense Site): 2253 USB/ALE TO CDDA (Venezuelan Air Defense HQs, El Liberador Airbase). Also noted on 13475.0. 19/04 RP3
- 11625.0 PCRC1: (Regional Communications Command Post, Military Region 1, Venezuelan Army): 1151 USB/ALE TO CLC13 (Communications Logistics Center, 13th Inf Bde). 13/04 RP3
- 12152 481: Enigma XP 0640 USB dk/gc 07762/1st message: 151 grps, 2nd message: 125 grps. Strong/readable in Rommele Sweden. (06Apr04) (CA)
- 12191.0 CLC51: (Communications Logistics Center, 51st Jungle Inf

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bde, Venezuelan Army): 0029 USB/ALE TO SCLC501
(Communications Logistics Center, 501st HQs Bn).
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- 12216 68: Danish SFOR/KFOR Net 1423 ALE/USB Calls collective
DK11. (12Apr04) (RGA)
12469. LOV:? AN Ushaia? 1540 RTTY/75/170 Correct mode & Freq but
unable to read. Signal too weak. (23/Mar/04) (RH2)
- 12500 T86MED: Medevac Team Ramstein/Landstuhl Mil Hospital?
1730 ALE/USB Sounding. (19Mar04) (RGA)
- 12527.2 9MR: RMN Johor Baharu 1150 RTTY 50/850 JULL 9MR RMMJ MRB
RYS SGs tape with normal polarity (28Mar04) (ML2)
- 12531.2 9MR: RMN Johor Baharu 1200 RTTY 50/850 JULL 9MR RMMJ MRB
RYS SGs tape with reverse polarity (28Mar04) (ML2)
- 12560 UCMR: Russian Vessel Ivan Shadr 1815 ARQ Sends SHIP meteo
obs to unknown coast station. (02Apr04) (RGA)
- 12577 3FXK5: Panamania Registered Ship Topacio 1745 GMDSS Test
RQ to Lyngby/OXZ who BQs. (19Mar04) (RGA)
- 12577 9HNF6: Maltese Ship Manna 1239 GMDSS RQs OXZ/Lyngby for
safety check. OXZ responds with BQ. (09Apr04) (RGA)
- 12577 9HQA7: Maltese Ship Kashmir 1434 GMDSS RQs Olympia Radio
for safety test. (09Apr04) (RGA)
- 12577 9HVN6: Maltese Ship Rio Glory 1247 GMDSS RQs Olympia
Radio for safety test. (09Apr04) (RGA)
- 12577 9HVR3: Maltese Ship Louise 1237 GMDSS RQs OXZ/Lyngby for
safety check. Lyngby responds to a second RQ.
(09Apr04) (RGA)
- 12577 9HVR3: Maltese Ship Louise 1255 GMDSS RQs Lyngby Radio
for safety test; Lyngby BQs. (09Apr04) (RGA)
- 12577 9MCU4: Malaysian Ship Bunga Teratai 4 1742 GMDSS Test RQ
to ChilungRadio. (19Mar04) (RGA)
- 12577 BOHK: PRC Vessel Shou Ning Hai 1413 GMDSS RQs MRCC Madrid
for safety test. Then tries MRCC Larnaca. (09Apr04) (RGA)
- 12577 C6KZ6: Bahamas Registered Ship Maya 1747 GMDSS Test RQ to
Lyngby/OXZ who BQs. (19Mar04) (RGA)
- 12577 C6NF4: Bahamas-Registered Ship Island Commodore 1204
GMDSS RQs MRCC Tenerife. safety check. (27Mar04) (RGA)
- 12577 C6SX2: Bahamas-Registered Ship Athena RQs Barcelona MRCC.
Safety test. (17Apr04) (RGA)
- 12577 D7WE: South Korean Ship Ocean Host 1438 GMDSS RQs
CAMSLANT Chesapeake VA USA for safety check.
(09Apr04) (RGA)
- 12577 ELPV8: Liberian Ship Glenross 1328 GMDSS RQs unknown US
MRCC. (Checksum error). (09Apr04) (RGA)
- 12577 H9MV: Panamanian Ship Arthur N 1352 GMDSS RQs Lyngby/OXZ
for safety test. (09Apr04) (RGA)
- 12577 H9PI: Panamanian Ship Faichen Maverick 1257 GMDSS RQs
Italian MRCCs for safety test. (09Apr04) (RGA)
- 12577 IBSS: Italian Ship Jolly Amaranto 1300 GMDSS RQs Lyngby
Radio for safety test; Lyngby BQs. (09Apr04) (RGA)
- 12577 J8SR4: St Vincent Ship Alma 1309 GMDSS RQs Lyngby. Safety
test. OXZ BQs. (17Apr04) (RGA)
- 12577 LAKV5: Norwegian Ship SNS Tanaro 1323 GMDSS BQs Las
Palmas MRCC for safety check without response. Then tries
MRCC Madrid. (09Apr04) (RGA)
- 12577 LAVQ5: Norwegian Ship Bow Firda 1308 RQs Lyngby. Safety
test. (17Apr04) (RGA)
- 12577 LAXB9: Norwegian Ship SKS Mosel 1209 GMDSS RQs MRCC
Tarifa for safety check. (27Mar04) (RGA)
- 12577 MSJY8: British Ship Tobias Maersk 1304 GMDSS RQs Lyngby
for safety test; OXZ BQs. (09Apr04) (RGA)
- 12577 OXZ: LyngbyRadio 1313 GMSS BQs British Ship P&O Nedlloyd
Shackleton/ZQCY5 Safety test. (17Apr04) (RGA)
- 12577 OXZ: LyngbyRadio DNK 1205 GMDSS BQs safety test to
Russian Ship Ocher/ UGNQ. (27Mar04) (RGA)
- 12577 OXZ: LyngbyRadio DNK 1321 GMDSS BQs Ukranian ship Ivan
Prokhorow/USKH. safety test. (17Apr04) (RGA)
- 12577 OXZ: LyngbyRadio DNK 1736 GMDSS BQs Hans Maersk/OWQF5.
Unable to complete telecommand for unspecified reason.

(19Mar04) (RGA)
12577 OXZ: Lyngbyradio DNK 1309 GMDSS BQs Russian Ship Pokachi/UHMC. Safety test. (17Apr04) (RGA)
12577 P3FE9: Cypriot Ship Kanaris 1733 GMDSS Test RQ to MRCC Miami/Norfolk. (19Mar04) (RGA)
12577 RFFMEA: French navy Saissac France Naval 1435 wed 24 Mar 04 RTTY 75 msgs to warships appear on line encryption or very bad signal (EB)
12577 SVFF: Greek Ship Amazon Explorer 1211 GMDSS RQs Lyngby/OXZ for safety check. (27Mar04) (RGA)
12577 TCJD: Turkish Ship Habibe Ana 1734 GMDSS Test RQ to Lyngby/OXZ. (19Mar04) (RGA)
12577 V7BS9: Marshall Is. Ship Aurora 1311 GMDSS BQs unknown ship (538001882) with illegal telecommand. (09Apr04) (RGA)
12577 VRWH7: PRC Ship Handy Jade 1732 GMDSS Calls sister ship Cielo di B.Colombia/VRVX for simplex telephone call on 12345 kHz. (19Mar04) (RGA)
12577 VSLK2: British Ship Angelo Della Gatta 1304 GMDSS RQs Lyngby for safety test; Lyngby obliges with BQ. (09Apr04) (RGA)
12579 NMC: USCG San Francisco 1605 FEC Gale wngs //16806.5 (09/Apr/04) (RH2)
12579 NMO: USCG Honolulu 0845 FEC Coastal waters wx. (22/Mar/04) (RH2)
12582 XSV:Tianjin radio China Maritime 1707 Thu 25 Mar 04 CW/ARQ callband (EB)
12587 LZW:Varna radio Bulgaria Maritime 1623 wed 24 Mar 04 FEC 100 message ref Miss Bulgaria (I think)(EB)
12587 LZW:Varna radio Bulgaria Maritime 1705 Thu 25 Mar 04 FEC tfc list (EB)
12587 NRV:Apra Harbour Guam Maritime 1701 Thu 25 Mar 04 CW/ARQ callband (EB)
12593.7 A9M: Hamala R 1633 cw/ARQ Marker. (09/Apr/04) (RH2)
12634 TAH:Istanbul radio Turkey Maritime 1652 Thu 25 Mar 04 CW/ARQ callband (EB)
12635 TAH:Istanbul radio Turkey Maritime 1613 wed 24 Mar 04 CW/ARQ callband (EB)
12636 XSG:Shanghai radio China Maritime 1650 Thu 25 Mar 04 CW/ARQ callband (EB)
12637.5 XSG: Shanghai Radio PRC 1808 ARQ w/Morse ID. (02Apr04) (RGA)
12669 RFFMEA: Naviter Marine Sud 1708 RTTY/75/850 RY/SG to Batiments. (30/MAR/03) (RH2)
12687 SAB:Stockholm radio Sweden Maritime 1611 wed 24 Mar 04 Globe marker (EB)
12695 A9M:Hamala radio Bahrain Maritime 1655 Thu 25 Mar 04 CW/ARQ callband (EB)
12695.5 UWS3: Kiev CW 1127-1229 actual nav.wrns (18Apr04)(SMK)
12714 UCE:Archangel radio Russia Maritime 1604 wed 24 Mar 04 ARQ 100 constant KY KY KY (EB)
12745.5 JJC: KYODO Tokyo-Nazaki 1610 FAX/120/576 Fair Japanese Text. (27Mar04) (RGA)
12745.5 JJC: Kyodo Tokio 1625 FAX/60/576 JJ Nx/paper //22542. (03/Apr/04) (RH2)
12745.5 JJC: Kyodo Tokio 1706 FAX/60/576 JJ Nx/paper - v. clear. (17/Apr/04) (RH2)
12809 VTG:Indian naval Mumbai India 1846 Tue 30 Mar 04 CW long 4 fig message (EB)
12818 SAB:Stockholm radio Sweden Maritime 1834 Tue 30 Mar 04 Globe marker (EB)
12840 PBC312: DN Goeree I 1735 RTTY/75/850 Carbs. (30/MAR/03) (RH2)
12843 HLO:Seoul radio South Korea Maritime 1826 Tue 30 Mar 04 CW callband (EB)
12851 SAB:Stockholm radio Sweden Maritime 1826 Tue 30 Mar 04 Globe marker (EB)
12917 HLF:Seoul radio South Korea Maritime 1820 Tue 30 Mar 04

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12923 CW callband (EB)
 HLW2:Seoul radio South Korea Maritime 1818 Tue 30 Mar 04
 CW callband (EB)
 12984 4XZ:I.D.F. Haifa Israel Naval 1815 Tue 30 Mar 04 CW 5 ltr
 tfc (EB)
 13004 F5MQ: Russian Military 1236 CW LEV1 de F5MQ ZUP ZUZ ZUP
 ZUZ K. AS. NW FOR QRJ? K. OK R K. (12Apr04) (RGA)
 13014 : Russian Military 1328 MS-5/4800/DPSK/USB Cipher.
 (12Apr04) (RGA)
 13015.5 IAR: ROMA 1347 CW carbs Apr12 04 ML
 13155 DITTY BAG: EAM Bcast 1625 USB 7MQTQ; 7M626L; 7MNU5A
 simulcast on at least 11244 and 8992 with nothing heard
 on 6697. (15 Apr 04) (JH)
 13155 SANITARY: 28-char EAM 0544 USB 7MW??S maybe, with nothing
 heard on 11244, 8992 or 6697. H+14/h+44 activity.
 (16 Apr 04) (JH)
 13155 SPY SONG: 29-char EAM 2107 USB VWLDAJ simulcast on at
 least 11244 with nothing heard on 8992 and 6697.
 H+07/h+37 activity. Back up at 2137z. (06 Apr 04) (JH)
 13215 591466: USAF KC-135 59-1466 1808 ALE/USB wkg ADW/Andrews
 AFB MD. (17Apr04) (RGA)
 13215 IKF: US NAS Keflavik ICE 1921 ALE/USB Calls PLA/Lajes
 Field to tell them he's [AMD] "BORED". (17Apr04) (RGA)
 13215 JNR: US NAS Salinas PR 1800 ALE/USB Asks [AMD] "HOW
 COPY". PLA/Lajes responds [AMD] "COPY". (17Apr04) (RGA)
 13261 REACH 5E2: wkg AUCKLAND 2045 USB Rescue flight to
 McMurdo. Position BOSLA 2044, in the block 330/370, DALOS
 2123, endurance 8+41, -56C, wx code 033, wind 360/44
 true. Auckland advised at BOSLA contact Mac Centre on
 9032. (10Apr04) (JC)
 13320.8 : Unid CIS System 1836 MORSE/--/500 KKK. QSA4 K. OK K.
 RPT K. QYT2 K. QTC ZMO. Prob printer setup.
 (31Mar04) (RGA)
 13327.0 LDOC IBERIA: 1342 USB span unid flight Apr11 04 ML
 13422 TWO: Poss Polish Military 1853 ALE/USB Sounds.
 (19Mar04) (RGA)
 13444 RFQP: FF Jibouti 1740 ARQ-E3/100/400 Cdev to itself.
 (08/Apr/04) (RH2)
 13447 RFQP: FF Jibouti? 1608 ARQ-E3/100/400 Betas. Used to be
 on 13444.2 khz. (23/Mar/04) (RH2)
 13457 AEY: Unid 1904 ALE/USB Sounding. (24Mar04) (RGA)
 13490 LESKOVIKU: Albanian MOI/Military Korça Province 1756
 ALE/USB Calls SHEBENIKU/Shebiniku. (17Apr04) (RGA)
 13500 64B: Prob Venezuelan River Forces 1811 ALE/USB Calls CGA.
 VRF used LSB previously on this frequency.
 (17Apr04) (RGA)
 13510 CFH: CanForce Halifax NS CAN FAX/120/576 End of chart
 titled "24hr fcst valid Thu apr 01. 850 MB winds and
 temps. Then reverts to printer. (31Mar04) (RGA)
 13597 JMJ4: Tokio Met 0640 FAX/120/576 S'face pressures. Very
 clear. Not on other freqs. (27/Mar/04) (RH2)
 13597 JMW4: Tokio Met 1712 FAX/120/576 Fair s'face analysis.
 (17/Apr/04) (RH2)
 13601.0 T1Z224: Unid US Military 1612 USB/ALE / also T1Z227,
 TF185, TA5159, P1Z106, OPS171 and other
 (16/Apr/2004) (HUN)
 13843 YTOS: RUS Mil 0423 CW 5LG to Unid station, ending " ...
 ZCRCL oUAPI PTPRP BT 2.5" weak in So. AZ. Possible
 replies on 13004. (05Apr04) (JC5)
 13843 YTOS: Russian Military 0500 CW QYT4 QRJ3 QYT4 QRJ IMI K.
 At 0525 sent msg ytos 610 610 185 bt 3754 5817 ... 6597
 8793 bt 879 k. (01Apr04) (AB2)
 13843.0 YTOS: 0500 CW / traffic for: ZV2R, QYT4,OW4N
 (31/Mar/2004) (tundra monitor)
 13846.7 RFVI: FF Le Port REU 2017 ARQ-E3/100/400 self-addressed
 CdV returned to RFQP/Djibouti on cct RUN. (31Mar04) (RGA)
 13855 : Unid US Broadcast Relay 1823 USB Appalingly awful
 programme! (31Mar04) (RGA)

- 13882.5 DDK6: Hamburg Meteo 1517 FAX/120/576 Arctic ice chart. Fair. (27Mar04) (RGA)
- 13886 : Moscow Met 1618 FAX/120/576 clean chart. (03/Apr/04) (RH2)
- 13886 : Moscow Met 1643 FAX/120/576 Crystal clear chart. (18/Mar/04) (RH2)
- 13886 : Moscow Meteo 1611 FAX/60/576 Unknown clear pressure charts. (31Mar04) (RGA)
- 13907 CS1: US Customs Atlanta GA 1855 ALE/USB Sounds. (19Mar04) (RGA)
- 13940 VCT: Globe Tor's Cove NF CAN 1512 GLOBEDATA Idling. (27Mar04) (RGA)
- 13956.5 : Tunis Diplo 1716 FEC RYS then 5LG. (16/Apr/04) (RH2)
- 13973.0 RC2KAB ICRC Kabul 0703P-II/100Bd Msg for RC2JAL ICRC Jalalabad via MB1TBI, MB Tbilisi, Geo "SUBJECT : News in Afghanistan II" (13/Apr/04) (KK)*
- 13973.0 RC2PES: ICRC Peshawar 0702 P-II/100Bd Msg for RC2JAL ICRC Jalalabad via MB1TBI, MB Tbilisi, Geo "SUBJECT : FLIGHT PLAN RED-121 WEDNESDAY: 14.04.04" (13/Apr/04) (KK)
- 13983 VCT: Globe Tor's Cove NF CAN 1605 GLOBEDATA Idles here 13946 and 13914. (31Mar04) (RGA)
- 14002 : Unid 1347 NATO-75/75/850 Enciphered (KG84) carrier off between msgs. Ship-to-shore? (22Mar04) (RGA)
- 14357.0 043NHQCAP: (Staff unit, CAP HQs, Maxwell AFB AL): 2344 USB/ALE sounding. Also sounding on 12081.0. 20/04 RP3
- 14373.4 MNRV:? west African SANT Network, Monrovia? 1716 G-TOR/200/300 ASCII stuff, unable decode. Not heard for over a year; used to come in here daily on this freq & mode. (30/MAR/03) (RH2)
- 14422 445: E.Asian Net 1923 ALE/USB Sounding. (16Apr04) (RGA)
- 14535 616: E.Asian Net 1747 ALE/USB Sounding. (24Mar04) (RGA)
- 14550 CC1: Unid Rockwell Collins Facility 1843 ALE/USB Sounding. (02Apr04) (RGA)
- 14550.0 02: MOROCCAN ARMY? ?LOC 0916 MIL.STD 188-141A ALE on usb. C1ng V3. Very long burst. (13/Apr)(DW)
- 14585.7 RFPTC: FF N'Djamena 1631 ARQ-E3/200/400 Betas. (23/Mar/04) (RH2)
- 14671.0 ADDISABEBA:FRENCH EMB ADDISABEBA 1355 MIL.STD 188-141A ALE on usb. C1ng LECAIRE/Cairo (13/Apr)(DW)
- 14689 CENTR6: MFA Bucharest 1844 ALE/USB Calls ZOW/Unid. (16Apr04) (RGA)
- 14707.0 Unid: SITOR-A ARQ, 5lg's Interpol?16/apr/04 (BM)
- 14731 172: Prob E.Asian Net 1811 ALE/USB Sounding. (31Mar04) (RGA)
- 14731 172: Prob E.Asian Net 1811 ALE/USB Sounding. (31Mar04) (RGA)
- 14731 892: Prob E.Asian Net 1834 ALE/USB Sounding. (02Apr04) (RGA)
- 14731.7 RFVI: FN Le Port La Reunion 1609 ARQ-E3/192/400 Relays msg from RFFIC: Marine Dipermil Paris. Admin Msgs\FF & 5LG to AIG2133 (all ships), followed by Navarea V111 wngs in EE. (19/Mar/04) (RH2)
- 14731.7 RFVI: FN Le Port La Reunion 1722 ARQ-E3/192/400 Relays msg from RFFINDI/Alindien. Pages of 5LGs to RFVIBDS & RFVITT on IIT cct. (19/Mar/04) (RH2)
- 14731.7 RFVI: FN Le Port La Reunion 1741 ARQ-E3/192/400 Relays msg from RFVIT: Comsup La Reunion/ Fm Cosru Port des Galets. Metoc Data to RFVITT/Centrans Mayotte; RFFKC/Cometoc; RFFMVB/Celenv/Toulouse; RFVITT/Detmar/Mayotte; RFVINVS/La Nivose; RFVIALB/Albatros; RFVIBDS/La Boudeuse; RFVIFLR/Florial; RFVILGD/La Grandiere -- cc named FN warships--- Prairial, Jeanne D'Arc, Mistral, Ch de Gaulle, Guepratte, Vendemaire, Jean Bart, Montcalm, De Grasse, La Fayette, Duquesne & Tourville. (19/Mar/04) (RH2)
- 14731.7 RFVI: FN Le Port Reunion 0822 ARQ-E3/192/400 Relays msg from RFFLA/FN Paris FF to Fleet. See separate Msg to WUN for RIs and ship's names. (30/Mar/04) (RH2)

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14913 055: E.Asian Net 1639 ALE/USB Sounding. (17Apr04) (RGA)
14976 JNRSPR: USAF SIPRI Net Stn P.Rico 1705 ALE/USB JNRSPR and
IKFSPR/Keflavik both sounding. (02Apr04) (RGA)
15000 5557: N.African Net 1558 ALE/USB Sounding.
(17Apr04) (RGA)
15000 5557: N.African Net 1747 ALE/USB Sounding.
(16Apr04) (RGA)
15016.0 USAF AFA ANDREWS: 1655 USB eam ID Apr09 04 ML
15021 : Unid RN Fleet Bcast 1321 NATO-75/75/850 Blocked msgs
with ACF64 leadins. (12Apr04) (RGA)
15025 D-ALCA: Lufthansa Cargo MD11 Flt LH8281 1610 HFDL At
4930N 06631W. (16Apr04) (RGA)
15025 D-ALCA: Lufthansa Cargo MD11 Flt LH8606 1327 Reports
5525N 03317E to ARINC Reykjavik. (11Apr04) (RGA)
15025 D-ALCB: Lufthansa Cargo MD11 Flt LH8443 1218 HFDL Reports
4429N 02559E to ARINC Reykjavik. (09Apr04) (RGA)
15025 F-WWTT: Unid Airbus Industrie Flt 1622 HFDL Signs on.
(16Apr04) (RGA)
15025 G-VOGE: Virgin Atlantic A340 'Cover Girl' 1612 HFDL Signs
on. (16Apr04) (RGA)
15025 N12116: Continental B757 1428 HFDL Signs on.
(24Mar04) (RGA)
15025 N320UP: UPS B767 Flt UP6711 1612 HFDL Signs on to
Reykjavik. (16Apr04) (RGA)
15025 N513AT: American Transair B757-28A 1245 HFDL Signs on.
(09Apr04) (RGA)
15025 N550TZ: American Transair B757 Flt TZRCH4 1610 HFDL
Reports 5133N 00225W. (16Apr04) (RGA)
15025 N550TZ: American Transair B757-33N 1230 HFDL Signs on.
(09Apr04) (RGA)
15025 N66056: Continental B767 Flt CO0029 1632 HFDL At 4725N
04649W. (16Apr04) (RGA)
15025 N67157: Continental B767 1610 HFDL Signs on
(16Apr04) (RGA)
15025 N73152: Continental B767 1407 HFDL Signs on.
(24Mar04) (RGA)
15025 N76153: Continental B767 1254 HFDL Signs on.
(24Mar04) (RGA)
15025 N78060: Continental B767 Flt CO0047 1640 HFDL At 4912N
02439W. (16Apr04) (RGA)
15025 OH-LBX: Finnair B757 Flt AY1910 1638 HFDL At 5719N
02630E. (16Apr04) (RGA)
15025 VP-BAZ: Aeroflot B767 1358 HFDL Signs on. (24Mar04) (RGA)
15025.0 REYKJAVIK: 1347 HFDL / SU0203 aeroflot / AY2610 AY2602
AY2556 finnair/UP6727 bahamasair / LH8606 lufthansa /
Apr11 04 ML
15025.0 Smasher: (SouthCom Flight watch Center, Key West): 2256
USB w/N120RL (Beech 200) who reports departure from
Providenciales, Turks & Caicos and ETA at Ft Lauderdale
FL of 0100Z. 13/04 RP3
15026 9V-SGB: Singapore Airlines A340 1645 HFDL Signs on. ICAO
ID 93C955. (16Apr04) (RGA)
15043 170042: USAF C-5 87-0042 1805 ALE/USB wkg JDG/Diego
Garcia. (16Apr04) (RGA)
15043 500314: Prob USAF KC-135 60-0314 1659 ALE/USB wkg
PLA/Lajes. (31Mar04) (RGA)
15043 AED: USAF Elmendorf AFB AK 1716 ALE/USB Sounding.
(24Mar04) (RGA)
15043 GUA: USAF Anderson AFB Guam 1802 Sounding. Also
JTY/Yokota AFB Japan. (02Apr04) (RGA)
15043 HAW: USAF wideawake AFB Ascension 1707 ALE/USB Sounds.
Then works CRO/ Croughton. (Windows XP Compatibility
Testing) (04Apr04) (RGA)
15043 IKF: US NAS Keflavik ICE 1303 ALE/USB wkg ICZ/NAS
Sigonella. (12Apr04) (RGA)
15043 PLA: USAF Lajes Field AZR 1506 ALE/USB Sends [AMD]
"JHGJHGKJGKJHG" to IKF/ NAS Keflavik who responds with
[AMD] "THANKS BOLOGNA FACE!". (17Apr04) (RGA)

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15043.0 ADW: : Andrews AFB 2143 USB/ALE snd (15-04-2004)(MSM)
15043.0 OFF: Offutt AFB NE 2136 USB/ALE calls E-3 Sentry tail.
71-1408 (15-04-2004)(MSM)
15708 FC8FEM: US FEMA WGY908/Region 8 Denver CO 1548 ALE/USB
Sounds. (17Apr04) (RGA)
15794 : Brit Mil Cyprus 1713 4MFSK/195.3/340. (16/Apr/04) (RH2)
15867 CS1: US Customs Atlanta GA 1703 ALE/USB Sounding. Also
717/USCG HC-130H No 1717 CGAS Sacramento (?)
(24Mar04) (RGA)
15867 D31: Unid US Customs 1722 ALE/USB Sounding.
(24Mar04) (RGA)
15867 M49: Unid US Customs 1653 ALE/USB Sounding.
(31Mar04) (RGA)
15867 UCG: US Customs Service Centre CAMSLANT Chesapeake 1708
ALE/USB calls J15/Prob USCG HH-60J Helicopter No 6105 (or
6115) of CGAS Clearwater FL. (24Mar04) (RGA)
15920 CFH: CanForce Halifax NS CAN 1551 RTTY/75/850 ZKRs.
(31Mar04) (RGA)
16000 2005: Poss Italian Carabinieri IDs 1506 ALE/USB calls
1001. (31Mar04) (RGA)
16001 : Unid 0836 CW Unid language: ... salama dinshasa stop hw
stop kwasa sa naraleteta messagi hiinidiwa abuja
naizeria...(13Apr04) (IB)
16058 UDK2:Murmansk radio Russia Maritime 1649 Mon 29 Mar 04
CW/ARQ weak callband (EB)
16084 LINC. POACHER: Enigma E03 1705 USB Old woman with 36330
callup. (02Apr04) (RGA)
16131.7 : Unid Egyptian Diplo 1740 ARQ Long period of IRS then
yks yks and offair. (02Apr04) (RGA)
16144.5 228: (2/228th Avn Regt, Soto Cano AB Honduras): 1805
USB/ALE TO RUH956 (UH-60L). 18/04 RP3
16144.5 228FWD: (deployed element of 2/228th Avn regt, Soto Cano
AB Honduras): 1800 USB/ALE TO SKYWAT (Skywatch, Army
Flight watch center, Soto Cano AB Honduras). 18/04 RP3
16144.5 SKYWAT: (Skywatch, Army Flight watch center, Soto Cano AB
Honduras): 1840 USB/ALE sounding. 18/04 RP3
16152 J7Q: Unid 1031 ALE/USB Sounding. Also noted CDT and 1V8.
(08Apr04) (JJ)
16152 NOX: Unid 0136 ALE/USB Sounding. (08Apr04) (JJ)
16152 PII: Unid 1536 ALE/USB Calls RM6. (07Apr04) (JJ)
16152.0 1v8: 0849 MIL-STD 188-141A ALE SOUND/USB TIS 1V8
(08/April)(JJ)
16152.0 cdt: 0903 MIL-STD 188-141A ALE SOUND/USB UNID STN TWS CDT
(08/April)(JJ)
16152.0 j7q: 1031 MIL-STD 188-141A ALE SOUND/USB UNID STN TWS
J7Q (08/April)(JJ)
16152.0 nox: 0136 MIL-STD 188-141A UNID STN TWS NOX
(08/April)(JJ)
16152.0 pii: 1536 MIL-STD 188-141A UNID STN [TO RM6] [TIS PII]
[AL2]BER 0 SN00 [RX](07/April)(JJ)
16210.0 Malolos R: (Filipinas Seaphone Communication Inc) PHL
1000 USB simplex radphone ops(16Apr04) (ML2)
16213.5 ---:MFA Cairo Egypt Government 1737 29 Mar 04 ARQ 100
used selcall XBVF (EB)
16215 511: Unid 1809 ALE/USB Calls 511511. (19Mar04) (RGA)
16276.7 rfkfs: Egy Emb Harare 1614 ARQ 5LG to Cairo.
(23/Mar/04) (RH2)
16278.7 7RQ20: MFA Algiers 1433 COQ-8 Same circular as seen on
18183.4 at 1310z in progress to various listeners.
Khartoum and Abuja to QSL. Then a circular in ATU-80 to
Khartoum and Addis Ababa. (31Mar04) (RGA)
16320.0 ADDISABEBA:FRENCH EMB ADDIS ABEBA 0859 MIL.STD 188-141A
ALE on usb. CIng LECAIRE/Cairo. Also 1931 (14/Apr)(DW)
16320.0 KHARTOUM:FRENCH EMB KHARTOUM 1010 MIL.STD 188-141A ALE on
usb. CIng LECAIRE/Cairo (14/Apr)(DW)
16321 FOL: Unid Romanian Embassy 1510 ALE/USB Calls CENTR5/MFA
Bucharest. (31Mar04) (RGA)
16321.0 CENTR8: (Romanian MFA, Bucharest): 1557 USB/ALE TO OCP

- (unidentified). 09/04 RP3
- 16324.7 RFTJD: FF Port Bouet 1646 ARQ-E3/192/400 Betas.
(09/Apr/04) (RH2)
- 16346.7 Unid: MFA Cairo 1600 ARQ In IRS mode for 10 mins.
(09/Apr/04) (RH2)
- 16627.7 RFPTA: FF N'Djamena 1640 ARQ-E3/200/400 Betas.
(09/Apr/04) (RH2)
- 16663 3SA: Unid Chinese Numbers Stn 0700 CW v bjcc bjcc bjcc de
3sa 3sa msg nr 4911/o41 (r3). ck 18 o313 lo55 = 6taa 34ut
tt5d a765 7aut ttd6 4435 d5n7 3556 a453 4737 d465 74nu
6u47 ndtd a3ta 66d3 665t <pause> 4naa t4a ad t3u3 at55
6taa 34ut tt5d a765 7aut ttd6 4435 d5n7 3556 a453 4737
d465 74nu 6u47 ndtd a3ta 66d3 665t. (23Mar04) (IB)
- 16664 3SA: Unid Chinese Numbers Stn 0105 CW v bjcc bjcc bjcc de
3sa 3sa msg nr 8773/o35 (rptd). ck 21 o324 o355 = t6du
777t 5t73 5n33 5u66 7u6a a464 tu7a 3a6a 5dau ... etc.
(24Mar04) (IB)
- 16804.5 NRV: USCG Guam 1546 FEC wx for SW Pacific.
(23/Mar/04) (RH2)
- 16812 A9M:Hamala radio Bahrain Maritime 1118 Sun 28 Mar 04
CW/ARQ callband (EB)
- 16812 UAT:Moscow radio Russia Maritime 1119 Sun 28 Mar 04
CW/ARQ callband (EB)
- 16819.5 NMN: USCG CAMSLANT Chesapeake VA 1500 ARQ w/Morse ID.
(31Mar04) (RGA)
- 16830.5 SVO: Olympia R 0621 FEC Nx/Greek. (27/Mar/04) (RH2)
- 16834 UIW:Kaliningrad radio Russia Maritime 1110 Sun 28 Mar 04
CW/ARQ/FEC 100 tfc to UIYC (MMSI 273829110) Kapitan
Maslovets - further tfc in FEC 100 (EB)
- 16841 RRR34:Moscow-1 radio Russia Maritime 1057 Sun 28 Mar 04
CW/ARQ/FEC 100 tfc list in FEC 100 (EB)
- 16878 ---:Unident Globe marker Maritime 1050 Sun 28 Mar 04
Globe _very weak (EB)
- 16879 LZW:Varna radio Bulgaria Maritime 1052 Sun 28 Mar 04 CW
callband (EB)
- 16886.2 TAH: Istanbul R 1709 ARQ CW Marker. (16/Apr/04) (RH2)
- 16897 XSG: Shanghai Radio 0005 FEC Messages in Chinese to
ships. (20Mar04) (AB)
- 16898.5 XSG: Shanghai R 0655 FEC Long series of 4FG.
(27/Mar/04) (RH2)
- 16904.9 FUV: French Navy Djibouti 1757 RTTY/75/850 RY/SG Tests.
(02Apr04) (RGA)
- 16910 HLJ: SeoulRadio KOR 1502 CW CQ de HLJ QSX 16 MHZ K.
(31Mar04) (RGA)
- 16915 FUX: FN Le Port REU 1508 RTTY/75/850 RFVIE ZUI Testing de
FUX. (31Mar04) (RGA)
- 16939 9HD: Globe Malta 1533 GLOBEDATA Idlers here and on 16945.
(31Mar04) (RGA)
- 16942 WNU: Globe New Orleans LA USA 1534 GLOBEDATA Idlers.
(31Mar04) (RGA)
- 16951.5 RFTJE: FF Dakar SEN 1537 RTTY/75/850 ZUI testing.
(31Mar04) (RGA)
- 16952 RFTJE:French naval Dakar Senegal 1039 sun 28 Mar 04 RTTY
75 callband (EB)
- 16961.5 FUF: FN Fort de France MRT 1538 RTTY/75/850 Test idlers.
(31Mar04) (RGA)
- 16986 CTP: NATO Lisbon 1624 RTTY/75/850 "Naws de CTP" etc.
23/Mar/04) (RH2)
- 16986 CTP: PN Oieras/Palhais POR 1540 RTTY/75/850 working
indefinite call KB (USN) KB KB KB KB de CTP CTP CTP CTP
QSL 6789 repeatedly. First time anything other than
idlers noted from CTP. (31Mar04) (RGA)
- 17066.5 A9M: Globe Manama BHR 1658 GLOBEDATA Idling.
(02Apr04) (RGA)
- 17146.4 NMG: USCG New Orleans LA 1322 FAX/120/576 Good charts.
Caribbean pressure chart 48-hr surface forecast.
(31Mar04) (RGA)
- 17146.5 CBV: Va;paraiso R 1234 FAX/120/576 Fuzzy chart.

(12/Apr/04) (RH2)
17147 URL: SevastopolRadio UKR 1701 CW Long burst Morse sked then QSX marker. (02Apr04) (RGA)
17156 8PO:Barbados radio Barbados Maritime 1843 Sat 27 Mar 04 Globe Marker (EB)
17159 8PO:Barbados radio Barbados Maritime 1844 Sat 27 Mar 04 Globe Marker (EB)
17180 FUG:French naval Paris France 1839 Sat 27 Mar 04 RTTY 75 corrupt callband (EB)
17192 : Russian Military 1425 RUS-75/75/165 Cipher. (31Mar04) (RGA)
17217 VIE: Globe Darwin NT AUS 1703 GLOBEDATA Idlers. also on 17220. Very good signals. (02Apr04) (RGA)
17224 : Brit Mil Cyprus 0617 MFSK/195.3/300. (27/Mar/04) (RH2)
17236 SAA:Karlskrona radio Sweden Maritime 1834 Sat 27 Mar 04 Globe marker (EB)
17239.7 PKX: DjakartaRadio INS 1427 CW CQ marker. (31Mar04) (RGA)
17313 055: E.Asian Net 1644 ALE/USB Sounds. 172 also. (27Mar04) (RGA)
17403 VCT:Tors Cove radio Newfoundland Canada Maritime 1826 Sat 27 Mar 04 Globe marker (EB)
17450 CC1: Rockwell Collins SIPRI/NIPRI Associated ID 1427 ALE/USB Calls CO2. (31Mar04) (RGA)
17450 CO2: Rockwell Collins/NIPRI/SIPRI Associated ID 1624 ALE/USB Sounding. (27Mar04) (RGA)
17450 CO2: Rockwell Collins/NIPRI/SIPRI Net Assoc. 1706 ALE/USB Sounding. (02Apr04) (RGA)
17477.0 JKH: (unidentified): 1559 USB/ALE TO RAB (unidentified). 09/04 RP3
17477.0 KHARTOUM:FRENCH EMB KHARTOUM 0924 MIL.STD 188-141A ALE on usb. CIng LECAIRE/Cairo (14/Apr)(DW)
17477.0 RABAT: FRENCH EMB RABAT 1231 MIL.STD 188-141A ALE on usb. CIng CER11 (13/Apr)(DW)
17484 : Unid Illicit 1431 CW Ends 5FG txn ... 11054 70125 06606 57465 37312 000 000. (31Mar04) (RGA)
17551.5 ---:French naval Martinique 1814 Sat 27 Mar 04 ARQ-E3 192 idling (EB)
17928 ARINC-06: ARINC Hat Yai THA 1120 HF DL Poor squitters. No decode. (24Mar04) (RGA)
17928 PAC513: Polar Air Cargo Flt 1120 HF DL Reports 3541N 12625E to ARINC Hat Yai. (24Mar04) (RGA)
17967 D-ALCK: Lufthansa Cargo MD11 Flt LH8418 1610 HF DL Reports 4235N 03935E to ARINC Bahrain. (02Apr04) (RGA)
17967 N620FE: Federal Express MD11 Flt FX5802 1614 HF DL Signs on. (02Apr04) (RGA)
17967 ZS-SJK: S.African Airways B737 1631 HF DL Signs on. (02Apr04) (RGA)
17973 DL0002DAT: USAF E-3B 81-0002 1633 ALE/USB wkg ADWNPR/USAF NIPRNet Stn Andrews AFB MD. (16Apr04) (RGA)
17976 JDGSPR: USAF SIPRNet Stn Diego Garcia BIOT 1612 ALE/USB Sounding along with ADWSPR/at Andrews AFB. (27Mar04) (RGA)
17976 JNRSPR: USAF SIPRNet Stn Roosevelt Roads PR 1430 ALE/USB JNRSPR ICZSPR/ Sigonella and ADWSPR/Andrews all sounding. (17Apr04) (RGA)
17976 PLASPR: USAF SIPRNet Stn Lajes AZR 1734 ALE/USB PLASPR JDGSPR/Diego Garcia ADWSPR/Andrews AFB ICZSPR/Sigonella and IKFSPR/NAS Keflavik all sounding. (19Mar04) (RGA)
17988 TISCOM: USCG Telecomm & Info Net Command Alexandria VA 1450 ALE/USB Sounds. (17Apr04) (RGA)
17988 TISCOM: USCG Telecomm & Info Net Command Alexandria VA 1645 ALE/USB sounds. (16Apr04) (RGA)
17988.0 NOJ: (Coast Guard, Kodiak AK): 2035 USB/ALE sounding. 19/04 RP3
18003 580098: USAF KC-135 58-0098 1552 ALE/USB Calls ADW/Andrews AFB MD. (03Apr04) (RGA)
18003 GUA: USAF Anderson AFB Guam 1419 ALE/USB Calls JDG/NAS Diego Garcia. (31Mar04) (RGA)

18003 ICZ: NAS Sigonella ITA 1221 ALE/USB Sounding.
(24Mar04) (RGA)

18003 JNR: NAS Roosevelt Roads PR 1503 ALE/USB Calls
MCC/McClellan AFB CA (03Apr04) (RGA)

18003 JNR: US NAS Roosevelt Roads PR 1103 ALE/USB wkg
AED/Elmendorf AFB AK. (12Apr04) (RGA)

18003 PLA: USAF Lajes Field AZR 1611 ALE/USB PLA and
JNR/Salinas sounding. (16Apr04) (RGA)

18003 PLA:Laejes AFB USAF Military air 1059 Sat 27 Mar 04 MIL-
STD 188-141A comms (EB)

18012.0 COTAM1742: 1209z Calling CIRCUS VERT taxi 1127z take off
CAYENNE 1209 ETA 1745 (unheard destination but probably
Brasilia) 10 crew, 2 pax 5,300 kg payload USB 17/04 (PP1)
: Unid 1307 CW 4FGs (Indian Navy?) Very poor note. Faded.
(12Apr04) (RGA)

18060 ---:Viluma meteo Australia Meteo 1000 Sat 27 Mar 04 FAX
120/576 poor picture signal fading (EB)

18063.3 RC2KAN ICRC kandahar 0536P-II/100Bd Msg for RC2KAB ICRC
Kabul via MB1TBI, MB Tbilisi,Geo "SUBJECT: KANDAHAR'S
DAILY EXPATS LIST (12.04.04)" (13/Apr/04) (KK)

18171 ME1: KIH73/US FBI Memphis TN 1411 ALE/USB Calls
QT2/KRR50/KGE22 FBI Quantico VA. (17Apr04) (RGA)

18183.4 7RQ20: MAE Algiers 0710 COQ8/26.67 Relay Msg/FF fm Addis
cc Kampala, Dar-es-Salaam, Pretoria & New York.
(27/Mar/04) (RH2)

18183.4 7RQ20: MAE Algiers 0840 COQ-8/26.67 Relay Msg/FF fm
Accra. (24/Mar/04) (RH2)

18183.4 7RQ20: MAE Algiers 0905 COQ-8/26.67 Relay Msg/FF fm
Nairobi. (24/Mar/04) (RH2)

18183.4 7RQ20: MAE Algiers 1510 COQ8/26.67 Msg/FF to All Stations
- Algerian Election Results. (12/Apr/04) (RH2)

18183.4 7RQ20: MAE Algiers 1522 COQ8/26.67 Msg/FF to "Chefs
Diplomatiques des Missions etc" - UN Security Report on
Guinea Bissau. (12/Apr/04) (RH2)

18183.4 7RQ20: MAE Algiers 1553 COQ-8/26.67 Msg/FF to Libreville.
(23/Mar/04) (RH2)

18183.4 7RQ20: MFA Algiers 1310 COQ-8 Circular in FF from
MAE/DGRN Alger to chiefs of missions. (31Mar04) (RGA)

18220 JMH5: Tokyo Meteo 1158 FAX/120/576 Perfect chart FWPJ JMH
310000UTC MAR 2004 FCST FOR 010000UTC. 24HR WAVE FCAST.
(31Mar04) (RGA)

18257 120: Egyptian Border Guard 1455 ALE/USB Calls 1214 &
1234. 1359 sounds. (03Apr04) (RGA)

18257 1232: Egyptian Border Guard 1723 ALE/USB Calls 1207.
(19Mar04) (RGA)

18257 1326: Egyptian Border Guard 1624 ALE/USB Calls 1211. Also
seen 1226 1353 and 1371. (02Apr04) (RGA)

18257 1339: Egyptian Border Guard 1137 ALE/USB wkg 1231. And
1341 wkg 1225. (12Apr04) (RGA)

18257 1345: Egyptian Border Guard 1557 ALE/USB Calls 1219 &
1213. (03Apr04) (RGA)

18336 892: Prob E.Asian Net 1552 ALE/USB Sounds.
(27Mar04) (RGA)

18336 892: Prob E.Asian Net 1557 ALE/USB Sounding.
(27Mar04) (RGA)

18380 ---:French naval Paris France Naval 0938 Sat 27 Mar 04
ARQ-E3 100 idling - weak signal (EB)

18396.0 BUJUMBURA:FRENCH EMB BUJUMBURA 0857 MIL.STD 188-141A ALE
on usb. C1ng Addis Abeba [cmduuf. Also 0859 (14/Apr)(DW)

18396.0 KHARTOUM:FRENCH EMB KHARTOUM 0926 MIL.STD 188-141A ALE on
usb. C1ng LECAIRE/Cairo (14/Apr)(DW)

18396.0 RABAT: FRENCH EMB RABAT 1225 MIL.STD 188-141A ALE on usb.
C1ng CER11. Also 1231z (13/Apr)(DW)

18480 OLZ69: Czech Embassy Cairo 1137 ALE/USB Sounding.
(12Apr04) (RGA)

18480 OLZ69: Czech Embassy Cairo 1622 ALE/USB Sounding.
(02Apr04) (RGA)

18519 9HD:Malta radio Malta Maritime 0933 Sat 27 Mar 04 Globe

marker (EB)
18571.5 : Tunis Diplo 1611 FEC Opchats QSA QRK QRX etc.
(09/Apr/04) (RH2)
18594 503: Prob USCG Rescue 1053 1552 ALE/USB Sounds.
(27Mar04) (RGA)
18594 503: Unid 1552 ALE/USB Sounding. (27Mar04) (RGA)
18757 RFGW: MFA Paris 1655 FEC-A/192/400 Idling for 10 mins.
(08/Apr/04) (RH2)
18951.5 RFTJE: FN Dakar SEN 1318 RTTY/75/850 Idler tests.
(12Apr04) (RGA)
19026.5 114101: HF Radio Project Baghdad 1358 ALE/USB Sounding.
(03Apr04) (RGA)
19026.5 114150: HF Radio Project Baghdad 1350 ALE/USB Sounding.
(03Apr04) (RGA)
19026.5 114150: HF Radio Project Baghdad 1622 ALE/USB Sounding.
This freq was given by someone there on the list earlier
this month. (19Mar04) (RGA)
19036.5 : Ambalg Accra 1558 COQ-8/26.67 very long Communique/FF
following meeting of West African heads of state. Copies
a toutes Ambalg en Afrique & New York. (23/Mar/04) (RH2)
19043 474: E.Asian Net 1545 ALE/USB Sounding. (16Apr04) (RGA)
19216.7 RFLI: FF Fort de France MRT 1145 ARQ-E3/192/370 Poor
synch. No traffic. (31Mar04) (RGA)
19309 055: E.Asian Net 1236 ALE/USB Sounding. 185 also noted.
(03Apr04) (RGA)
19309 055: Prob E.Asian Net 1614 ALE/USB Sounding.
(02Apr04) (RGA)
19323.0 OLZ88: (Czech MFA, Prague): 1738 USB/ALE TO OLZ78 (Czech
Embassy, Beijing). 19/04 RP3
19414.7 : MFA Cairo 1655 ARQ Selcal KKS0 (Abidjan Emb).
(16/Apr/04) (RH2)
19420 ---:French naval ??? Naval 1842 Fri 26 Mar 04 ARQ-E3 192
idling (EB)
19636 RABAT: French Embassy Rabat 1338 ALE/USB wkg
CER11/N.African Dept MFA Paris. (31Mar04) (RGA)
19646 ---:Poss French naval Cayenne Naval 1833 Fri 26 Mar 04
ARQ-E3 192 idling - previously logged here in 2001 (EB)
19726 A9M: Globe Manama BHR 1302 GLOBEDATA Idling. Also 17066.5
(12Apr04) (RGA)
19742 8PO:Barbados radio Barbados Maritime 1819 Fri 26 Mar 04
Globe marker (EB)
19762.5 SMOK: Polish Military 1309 ALE/USB Calls MIKE.
(03Apr04) (RGA)
19797 VCT:Tors cove radio Canada Maritime 1817 Fri 26 Mar 04
Globe marker (EB)
19799 VCT:Tors cove radio Canada Maritime 1056 Fri 26 Mar 04
Globe marker (EB)
19843.9 : Unid 1306 OMFsk/195.5/600 (12Apr04) (RGA)
19945 GAO: Algerian Consulate Gao Mali 1253 ALE/USB Calls
MAE/MFA Algiers with [AMD] "JDG". ADZ/Consulate Agadez
NGR calls at 1408z. (03Apr04) (RGA)
19958.0 ADDISABEBA:FRENCH EMB ADDIS ABEBA 0915 MIL.STD 188-141A
ALE on usb. C1ng LECAIRE/Cairo (14/Apr)(DW)
20050 TARABOSHI: Albanian MOI Tarabosh 1206 ALE/USB Calls MOI
Shebeniku/ SHEBENIKU. (31Mar04) (RGA)
20055 LECAIRE: French Diplo Comms Hub Cairo 1145 ALE/USB Calls
ADDISABEBA/Addis Ababa embassy. Also on 20616.
(31Mar04) (RGA)
20107 055: East Asian Net 1243 ALE/USB Sounding.
(19Mar04) (RGA)
20268 : CIS Navrad 1155 35-50 50/230. (09/Apr/04) (RH2)
20304.7 ---: EGYPTIAN DIPLO? 1404 arq 100/E/170 in irs mode thru
1413z (25/Mar)(DW)
20340.0 BKO: ALGERIAN EMB BAMAKO 1435 MIL.STD 188-141A ALE on
usb. C1ng MAE/Algiers [UUF] 124 67 65 L (25/Mar)(DW)
20340.0 NKT: ALGERIAN EMB NAOUKCHOTT 1443 MIL.STD 188-141A ALE on
usb. C1ng MAE/Algiers (25/Mar)(DW)
20452 ADZ: Algerian Consulate Agadez NGR 1326 ALE/USB Calls

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MAE/MFA Algiers here and on 20340. MAE calls ADZ on 20340 at 1442z. (19Mar04) (RGA)

20452.0 MAE: MFA ALGIERS 1418 MIL.STD 188-141A ALE on usb. CIng BKO/Bamako [UUF] 124 67 658 (25/Mar)(DW)

20452.0 NKT: ALGERIAN EMB NAOUKCHOTT 1421 MIL.STD 188-141A ALE on usb. CIng MAE/Algiers (25/Mar)(DW)

20616 KHARTOUM: US Embassy Khartoum 1415 ALE/USB Calls LECAIRE/Hub stn Cairo. (19Mar04) (RGA)

20616.0 LECAIRE:FRENCH EMB CAIRO 0832 MIL.STD 188-141A ALE on usb. CIng KHARTOUM. 0852 cIng Paris/CER41, also 0900, 0925, 0947, 0958 (13/Apr)(DW)

20797 RABAT: US Embassy Rabat 1401 ALE/USB Calls CER11/N.African Desk MFA Paris. (19Mar04) (RGA)

20815.0 IFRCGVA: IFRC Geneva SUI 0649P-I/100Bd cIng from unid Pactor-II/IFRC msg (11/Apr/04) (KK)

20870.0 AFA6TP: USAF MARS 1659 USB / with AFA6SL and others in the net. Net ended at 1704 UTC. (27March2004) (Midwest USA)

20890 TSC: US Customs Tech Service Centre 1534 ALE/USB Calls 502/USCG Rescue 1052(?). Unids D14 and FL2 sounding. (19Mar04) (RGA)

20908.5 SMOKE: Polish Military 1251 ALE/USB Calls PAPA2. (19Mar04) (RGA)

20990 BGD: Slovak Embassy Baghdad 1216 ALE/USB Calls BRA/MFA Bratislava. (31Mar04) (RGA)

20990 BGD: Slovak Embassy Baghdad IRQ 1437 ALE/USB Sounds. (19Mar04) (RGA)

21949 OH-LBO: Finnair B757 Flt AY2364 1552 HF DL LPMA->EFHK. Signs on to ARINC Johannesburg. (27Mar04) (RGA)

21949.0 ---: FLIGHT ICAO 21416470 1326 HF DL on usb. Log on resume with Johannesburg (27/Mar)(DW)

21949.0 ---: FLIGHT QR0001 1111 HF DL on usb. Psn 28.46N 44.54E. 1130z 30.01N 42.44E. 1312z 38.15N 3120E (27/Mar)(DW)

21949.0 ---: FLIGHT QR0766 1115 HF DL on usb. Psn 23.55N 44.37E. 1200z 21.49N 39.32E. (27/Mar)(DW)

21949.0 08: ARINC JOHANNESBURG 1342 HF DL on usb. Squitters (27/Mar)(DW)

21949.0 ZSSXA: FLIGHT SA0205 1351 HF DL on usb. ACARS msg Q0 link test (27/Mar)(DW)

21982 A7-ACC: Qatar Airways A330 Flt QR0001 1257 HF DL Moving NW from 3926N 03017E. QSYs to 15025/Reykjavik and reports 4215N 02848E. (11Apr04) (RGA)

21982 CN-RNY: Royal Air Maroc A321 1412 HF DL Signs on. ICAO ID AA0040. (02Apr04) (RGA)

21982 D-ALCB: Lufthansa Cargo MD11 1253 HF DL Signs on. (17Apr04) (RGA)

21982 D-ALCN: Lufthansa Cargo MD11 Flt LH8444 1458 HF DL Reports 1439N 07932E. (02Apr04) (RGA)

21982 F-GYAS: Aero Services Corporate for Air France A319-133LR Flt AF962 1256 HF DL Signs on and reports 2249N 00723E. (11Apr04) (RGA)

21982 F-wwkx: Unid 1420 HF DL Signs on. ICAO ID 5FC01C. This reg was assigned to A320/343X either c/n 496 OY-KBN 'Emund Viking' of SAS or c/n 497 LN-RKH 'Eyestein Viking' of SAS but may now have been reassigned. (02Apr04) (RGA)

21982 G-VFOX: Virgin Atlantic A340 'Silver Lady' 1250 HF DL Signs on to ARINC Muharraq. (11Apr04) (RGA)

21982 G-VFOX: Virgin Atlantic A340 'Silver Lady' 1408 HF DL Signs on to ARINC Bahrain. (02Apr04) (RGA)

21982 G-VMEG: Virgin Atlantic A340 'Mystic Maiden' Flt VS0251 1255 HF DL At 6052N 04328E. (11Apr04) (RGA)

21982 N271UP: UPS MD11 1259 HF DL Signs on. (11Apr04) (RGA)

21982 N525AT: American Transair B757 Flt TZ4612 1412 HF DL Reports 4115N 04703E to ARINC Bahrain. (02Apr04) (RGA)

21982 VP-BDK: Aeroflot A320 1257 HF DL Signs on. (17Apr04) (RGA)

21982 VP-BDN: Aeroflot A319 1246 HF DL Signs on to ARINC Bahrain. (17Apr04) (RGA)

21982 ZS-SJT: S.African Airways B737-844(WL) 1313 HF DL Signs

on. (17Apr04) (RGA)
 21982.0 ---: FLIGHT AY1909 0904 HFDL on usb. Psn 41.51N 28.53E.
 0909 41.15N 29.14E (26/Mar)(DW)
 21982.0 ---: FLIGHT LH8441 0853 HFDL on usb. Downlink to Bahrain.
 Psn 48.06N 39.21E. 0903z 48.29N 37.29E (26/Mar)(DW)
 21982.0 ---: FLIGHT QR0005 0954 HFDL on usb (ICAO 1520031). Psn
 41.43N 29.25E. 0959 42.16N 29.08E (26/Mar)(DW)
 21982.0 ---: FLIGHT UP6806 1059 HFDL on usb. Psn 22.07N 63.50E
 (26/Mar)(DW)
 21982.0 ---: FLIGHT VS0901 1058 HFDL on usb. Psn 66.41N 47.20E
 (26/Mar)(DW)
 21982.0 15: ARINC BAHRAIN 0929 HFDL on usb squitters. 0938 uplink
 to N271UP demand mode. 0939 to OHLBT d/mode. 0945 logon
 cfms to ICAO 1520031 and 20000520 as air IDs 9 and 10.
 (26/Mar)(DW)
 21982.0 15: ARINC BAHRAIN 1144 HFDL on usb. Met info msg (Label
 42 user defined) to GVMEG for EFHK/Helsinki and
 EKCH/Kastrup. 1146z also for EGXT/Wittering (26/Mar)(DW)
 21982.0 OHLBO: FLIGHT AY2501 0850 HFDL on usb. ACARS msg Label 31
 user defined. Psn 29.84N 16.04W. 0902 Psn 28/13N 1528W
 (26/Mar)(DW)
 22387.5 SVO7: OLYMPIA RADIO 0947 CW Chan free marker "de SVO"
 (27/Mar)(DW)
 22447.0 FUV: FN DJIBOUTI 1442 RTTY 75/N/850 Marker "FAAA de FUV
 figs RY's SG's (27/Mar)(DW)
 22542 JJC: Kyodo Tokio 1215 FAX/60/576 Newspaper in EE, clear
 and legible. //17069.7 & 12745.5 kHz. (23/Mar/04) (RH2)
 22559.0 JFC: Misaki Fisheries Yokosuka 0030 FAX 120/576 prob
 ship disress notice in Japanese, chart headed JFC FAX
 (12Apr04) (ML2)
 23214 CS9: COTHEN Remote Beaufort SC or US Customs Corpus
 Christi TX 1429 ALE USB Both sounding. (02Apr04) (RGA)
 23337 E31607: Prob USAF E-3B 76-1607 1504 ALE/USB wkg OFF/offut
 AFB NE. (02Apr04) (RGA)
 23337 HAW: USAF Wideawake AFB Ascension 1131 ALE/USB Calls
 JGD/Diego Garcia. (24Mar04) (RGA)
 23337 HAW: USAF Wideawake AFB Ascension 1203 ALE/USB Calls
 ICZ/NAS Sigonella with [AMD] K&R. Then calls Croughton.
 (19Mar04) (RGA)
 23337 HAW: USAF Wideawake AFB Ascension 1402 ALE/USB Calls
 IKF/NAS Keflavik. Then JNR/NAS Salinas calls ADW/Andrews
 AFB MD. (02Apr04) (RGA)
 23337 JCE: NAS Diego Garcia BIOT 1134 ALE/USB Calls unid with
 AMD "SAME THANX 4 THE CK DG OUT". IDs garbled.
 (24Mar04) (RGA)
 23337 JDG: US NAS Salinas PR 1417 ALE/USB Sounding.
 (27Mar04) (RGA)
 23428 892: Prob E.Asian Net 1443 ALE/USB Sounding.
 (02Apr04) (RGA)
 25055 LECAIRE: French Diplo Hub Cairo 1115 ALE/USB Calls
 CER41/M.East Dept MFA Paris. Also on 25301 calling Addis
 Ababa Embassy. (19Mar04) (RGA)
 26162 CPK:Santa Cruz radio Bolivia Maritime 1640 wed 24 Mar 04
 Globe marker (EB)

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// // // // // An Electronic Club Dealing Exclusively in Utility Stations // // // //
// // // // // WUNNEWS Vol 10: Issue 5, May 2004 // // // //
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>From your Electronic Editor:

* Welcome to another issue of the single largest source of utility station information and the most widely quoted utility station publication in the world...the WUN Newsletter.

And a welcome return this month; the Aero Column is back! After a break, Chuck Yarbrough now finds himself able to resume editing the Column. Welcome back, Chuck, and good luck with the Column. As always, he looks forward to receiving your contributions and feedback.

WHAT'S INSIDE:

- o Aero Column by Chuck Yarbrough
- o Digital Review by Day Watson
- o Military/Government Channel Designator List by Larry van Horn
- o Nautical News by Robert Maskill
- o Numbers & Oddities by Ary Boender & Chris Smolinski
- o Products & Books Reviews by Bob Margolis
- o Utility Round-up by Ary Boender
- o WUN Logs Column by Eddie Bellerby & TEAM LOGS

The Aeronautical Column
Chuck Yarbrough, Editor
wampus@nc.rr.com

Greetings WUNNers! It has been a while since we last met in these pages. I apologize for the long absence, but a number of personal items have kept me otherwise gainfully engaged!

As a brief introduction, I live in Durham, North Carolina, USA, and was the SPEEDX Utility Editor for almost four years back in the late 80's and early 90's. I learned a lot during those years and met many of you back then as well. My primary interest in monitoring is digital modes, although that category is becoming increasingly broad--it now includes just about ALL services, including aeronautical communication systems. So, while my interests are in digital modes, I also have a strong interest in civil aviation as well. Oh yes, I do listen to the voice transmissions as well!

I have a good idea of some articles that might interest some of you, but I am always looking for good ideas and guest writers who can shed light on some of the less obvious (THATS a relative term, eh?) aspects of aero monitoring. I am learning along with you--none of us have all the answers to the questions. However, I've learned that if you ask around generally SOMEONE has an answer and we all can benefit from that kind of input.

So those are some hopes that I have for the column. Please let me know if you would like to see a particular topic addressed in the column and I'll do my best to make it happen.

So without further delay, here is the Aero column for May!

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AERO FREQUENCY TARGETS

One of the most useful things I've found in learning about monitoring any specialized service, like aero or digital, is that frequencies are clustered in certain 'bands'. This applies for all types of utility listening, and can greatly simplify intercepting the brief transmissions we are after.

On HF there are 13 dedicated aeronautical mobile bands that are the first place most of us look for intercepts. These frequency bands are:

3.000-3.155kHz
3.400-3.500kHz
4.650-4.750kHz
5.450-5.730kHz
6.525-6.765kHz
8.815-9.040kHz
10.100-10.150kHz
11.175-11.400kHz
13.200-13.360kHz
15.010-15.100kHz
17.900-18.030kHz
21.924-22.000kHz
23.200-23.350kHz

These frequencies are used for the Aeronautical Mobile Service, in other words, planes conducting their normal everyday business. The HF aero bands are used primarily for long distance communications, especially where aircraft are out of range for VHF/UHF communications and where satellite coverage is unavailable or unreliable. As most of you will know, the higher frequencies are used during the daylight hours local to the aircraft, whereas the lower frequencies are used during nighttime hours.

On VHF you will find some of the most well-known and interesting aeronautical traffic. These transmissions tend to be between aircraft and the tower at your local airports. You will find that transmissions in this frequency range have a local pattern. You can expect a lot of traffic on these bands--that is why they are known as the "Airbands". Here are the frequency bands on VHF:

74.800-75.200MHz
108.000-117.975MHz
117.975-137.000MHz
216.000-220.000MHz
328.600-335.400MHz

These short-range comm bands are usually very busy, depending on where you are of course. If you are within 50-60 miles of an airport you are likely to find these bands as one of the best shows on radio!

In the UHF bands there are numerous aeronautical mobile and radionavigation frequency blocks, but these are primarily used for

satellite communications. While not exhaustive, the following UHF frequency bands can provide some interesting intercepts.

960.000-1215.000MHz
1300.000-1350.000MHz
1435.000-1535.000MHz
1545.000-1559.000MHz

Most of the communications in these ranges are radionavigation and mobile aeronautical telemetry transmissions. While interesting, many of those modes are computer controlled and therefore don't make for very good 'listening'. Of course, if you have the proper computer equipment and decoding devices you can track aircraft!

As you can see, there are a number of dedicated aeronautical communication bands on all frequencies. My suggestion is to take one range of frequencies and concentrate on learning who uses the frequencies and how they use them. As anyone who has ever monitored aircraft knows, there is a 'shorthand' that is often/usually used over the air. You just need to listen to determine what the shorthand is for the transmission.

In future columns we will zero in on some of these bands to explore what kinds of things you are hearing and who lives on those bands.

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AFRICAN AERO MONITORING: AN ASECNA PRIMER

Last month Bob Hall of South Africa submitted his 'old' (from the early '90s) logs of various African aero stations in the ASECNA air control organization. If you haven't been around the aero/utility monitoring hobby for a while, you might well ask the question, 'where did all the African stations go?' Well, read on!

The pre-eminent aeronautical organizing body in Africa is called ASECNA (Agency for the Safety of Air Navigation in Africa and Madagascar). It is the coordinating agency for all air control and aero communications within the 15 member countries. The nations that belong to ASECNA are: Mauritania, Senegal, Mali, Burkino Faso, Ivory Coast, Togo, Benin, Niger, Chad, Cameroon, Equatorial Guinea, Gabon, Republic of the Congo, Central African Republic, and Madagascar.

The easy answer to our earlier question is that during the mid-1990s ASECNA migrated many of their HF aero transmission links to either VSAT satellite as well as building a landline network between all airports (or aerodromes) which eliminated much of the radio traffic between stations. What you hear primarily now are ground-air communications and some VOLMET weather transmissions. According to the ASECNA website:

The Civil Aviation Administrations are the responsible authorities for the provision of air traffic services in the airspaces of the member states of ASECNA.

The Agency for the Safety of Air Navigation in Africa and Madagascar (ASECNA - Direction of Operations/Air Navigation Department), is the authority assigned by the states to ensure the provision and implementation of telecommunication and air navigation facilities for the national and international civil aviation.

2. AREA OF RESPONSIBILITY

Communication services are provided for the entire member area.

3. TYPES OF SERVICES

3.1 - Radionavigation Service

The radio aids to navigation (en-route aids) provide crew essential information they need to determine their position, to maintain aircraft position on the authorized route and to continue the flight, or to make any corrections to their

prescribed flight path.

The approach and landing facilities allow flight crews to fly with the required precision during the approach, holding, departure and landing procedures. The following types of radio aids to navigation and to landing are available:

- Non directional radio beacon MF (NDB)
- Radiogoniometers VHF (VDF)
- Instrument Landing Systems (ILS). The structure of guidance signals radiated by a runway alignment radio beacon (localizer) and by a slope alignment radio beacon (Glide).
- VHF Omnidirectional Radio Range (VOR)
- Non directional radio beacon MF (Locators "L")
- Distance Measuring Equipment (DME)

3.2 - Mobile and fixed Services

Aeronautical Mobile Service (AMS)

The Aeronautical Mobile Service (AMS) including communications with aircraft permits each terminal to provide air traffic services. It includes the information exchanges between aircraft and air traffic control centers on the ground: Flight Information Centre (CIV), Control Tower (TWR), etc. These exchanges are assured in telephony (vocal links). In order to permit to increase the range coverage of VHF Air/Ground links, ASECNA uses some VSAT stations to ensure full coverage. Except when otherwise noted, the aeronautical stations maintain a continuous watch on their stated frequencies during the published hours of service. Aircraft should normally communicate with the air/ground control radio station (TWR, CCR, CIV) that exercises the control of area in which they are flying. Aircraft should maintain a continuous watch without interruption on the appropriate frequency of the control station; except in case of emergency, they should not abandon this watch without informing the control radio station.

Aeronautical Fixed Service (AFS)

The Aeronautical Fixed Service (AFS) includes the entire communications point to point agreed by ICAO for the requirements of Air Traffic Services (ATS), Aeronautical Information Services (AIS), Meteorology (MET), Search and Rescue as well as any additional requirements of aircraft operators. This service concerns alphanumeric data exchanges (messages) between the Telecommunications Centres (BCT) and voice link (telephony) between air traffic controllers. To that end, ASECNA uses some of its own satellite telecommunications network and automatic message switching centres.

The two main components of the Aeronautical Fixed Service are :

- the Aeronautical Fixed Telecommunications Network (AFTN) for alphanumeric messages;
- the ATS/DS Network for messages in telephony. This network connects links all air carriers and the air traffic entities using specialized telephony circuits.

The messages to be transmitted over the Aeronautical Fixed Service (AFS) are accepted only with the following conditions :

- a) they satisfy the requirements of Annex 10 - Vol. 2 - Chapter 3.3 - Paragraph 3.3
- b) they are prepared in the form specified in Annex 10
- c) the text of the message does not exceed 200 words.

The general messages of aircraft operators are only accepted for transmission to countries that have agreed to accept Class B traffic and to pay B category charge.

VOLMET Broadcasting Service

This service concerns the meteorological data broadcasting available for aeronautical use provided to aircraft. Aircraft in flight can use the sub-regional radiotelephony meteorological broadcasts VOLMET (VOLMET HF of BRAZZAVILLE and ANTANANARIVO, VOLMET VHF of LIBREVILLE), distributed in French or in English.

Automatic Terminal Information Service (ATIS)

ATIS transmissions are intended for arriving and departing aircraft. The messages contain information about meteorological observations and some ATS aerodrome data (runway in service, type of approach, transition altitude,...).

3.3 - Broadcasting Service

Some broadcasting stations with transmitting frequencies located between 200 and 1750 KHz are sometimes included as additional navigation aids. Please note that the failures of these stations are not published by NOTAM.

3.4 - Languages used

English and French languages are used on radiocommunication. However, in order to preserve a high level of air navigation security, English language becomes to be used more and more in priority for the radiotelephony communications between the air traffic controllers and the flight crews.

So there you have it, THAT is what ASECNA is! The obvious next question is, 'where should I listen for these transmissions? Well, you are most likely to hear the two HF VOLMET stations. Here are their frequencies and hours of operation:

Brazzaville, Congo	10057kHz	1800-0500UTC
Libreville, Gabon	112.100MHz	0700-1800UTC
Antananarivo, Madagascar	5499kHz	0225-1930UTC
	10057kHz	
	1502kHz	upon special request
	3288kHz	on round hours between
	6170kHz	0300 and 1900UTC
	7105kHz	
	3288kHz	at 0200 and 2200UTC
	6170kHz	at 0200 and 2200UTC

These broadcasts are good targets since they are regularly scheduled (or at least 3 of the HF frequencies are). There is a wealth of information about ASECNA if you want to learn more about the specific air routes and communication protocols they use on their website. Just surf to <http://www.asecna.com> and practice your French (the website is mostly in French). There are some very interesting maps of the network and frequencies for the ground-air links are buried there as well.

I hope that this primer will enable you to grab some African HF aero hits this next month. Of course it would be great if you'd send them to me and the loggings editor as well!

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well, that does it for this month. Please send me any and all information you have that you would like to see in future columns. I'll continue to try and mine the resources I have available for items, but you are the ones with the REAL knowledge--share the wealth and pass it on! I'd also appreciate any feedback you might have about the column. Until next month, keep those radios warm!

73,

Chuck

0101100010110001011000001110011000101100110110001100110011010000100011
0011100010010101001100110101100101000011011000011101100000011101100100
01001101# DIGITAL #00011110010100001101010010100011010111000000111001

WUN-v10

100010010111101010010001101001001010011010001101000110100011100
0111000111001110000110000111100000100101011001001010111010100011100011
001000101010110100000111000111# REVIEW #0000101110011100001101000101
0101001011000011101100010110001100110100010110000111011000101100001110
0000110100101010110101011010000100101001101001010101010100010101010001
010010111110000100010101001100110011000011101100010# COLUMN #110001
11000110101001010100101010010010001110110000101100101001101011000

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Hi digi WUNners

The menu

dgps DGPS in Aegean and Black Sea
 New German dgps on trial
Met DWD monthly testing follow-up
 Hamburg Met (rtty) schedule
 Tokyo Met/JMH FAX changes
Special Abbreviations and terms

>>....dgps.....>

::: DGPS in Aegean and Black Sea

For those in the E Mediterranean and Black Sea Areas two new (on trial)
dgps transmissions are listed as being run by the Turkish Authorities.
In addition to those the following covers that general area.

Freq	bps	Stn ref	Stn Tx	Range(nm)	Type	Location
288	200		095	110	1	Yenikal'skiy Lt, Ukraine.
294.5	200		085	110	1	Zmeiniy Lt, Ukraine.
300	200	900 901	540	110	9	Kavarna, Bulgaria.
301	200	545 546	373	300		Turkeli Lt, Turkey.
307.5	200	547 548	374	300		Kumkale, Turkey.

::: New German dgps on trial

Klaus Betke reports that on "On May 14, German Federal Waterways
Administration has announced on trial operation of a new DGPS station:

Bad Abbach (Danube) 48n56 12e02, 314.5 kHz, 100 bps,
range 285 km (154 nm), station numbers not yet known."

He continues "I haven't heard it yet. Thought they had abandoned these
plans in favor of satellite-based DGPS (EGNOS; works not that bad), but
apparently they did not. See map and list with further planned
stations here:

http://www.wsv.de/fvt/funknavi/dgps_bericht_2004_02/dgps_bericht_02.html

Many thanks Klaus - something for you guys/gals in Germany and
neighbouring countries to keep an ear open for.

>>....Met.....>

::: DWD monthly testing follow-up

WUN-v10

Following last month's item Jim Dunnett has kindly put together the following notes in respect of this month's testing:

German Weather Service (DWD) Tests 11 May 2004.

These tests commenced at 0900 on Tuesday 11 May with DWD64 on 5357.7 running tests at 100 Bauds with 170 Hz shift. Tom R'sner logged them on 5832.5 kHz from 1000 until 1015 using the same mode.

The net stations responded in turn with test sequences:

"kaufen sie jede woche vier gute und bequeme hexenpelze" (Buy four good comfortable magic fleeces every week), (includes every letter except "Y");

The more common "quick brown fox"; or

Dummy weather messages like:

```
ZCZC
sndl dwmg 11xxxx
aaxx 11xx1
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```
10315 11111 22222 33333 44444 55555 66666 77777 88888
333 99999 00000 11111 11111 22222 22222
555 77777 33333 44444 55555 66666 77777=
```

Locations recovered so far are:

DDA64 DWD Offenbach NCS 10640	
DDA03 Schleswig 10035	DDA14 Hamburg-Fuhlsbuettel 10147
DDA20 Emden 10200	DDA22 Bremen 10224
DDA31 Muenster/Osnabrueck 10315	DDA33 Hannover 10338
DDA42 Kahler Asten 10427	DDA50 Aachen 10501
DDA54 Wasserkuppe 10544	DDA60 Trier 10609
DDA65 ???	DDA70 Saarbruecken 10708
DDA72 Mannheim 10729	DDA73 Stuttgart-Echterdingen 10738
DDA77 Regensburg 10776	DDA80 Freiburg 10803
DDA83 Ulm 10838 or Stoettm	DDA89 Passau 10893 or Fuerstenzell 10895
DDA91 Donaueschingen 10912	DDA92 Konstanz 10929
DDA96 Garmish 10963	

The location can be positively identified if the station sends a dummy weather message. The third and fourth figures of the WMO station code correspond to the two-figure suffix of the callsign. But! Later input from Tom suggests that some of the stations listed are automatic weather stations, and as such are not manned. Passau has apparently been closed and 10895 is supposed to be Fuerstenzell rather than Passau. DDA83 could be Stoetten. Unfortunately a lot of my intercept is garbled which did not help to resolve the ambiguities.

Note also that the last two letters of the originating location indicator in the dummy weather messages is (usually) a two-letter abbreviation of the geographical location. E.g. "sndl dwan 110900" DWAN = Aachen.

The reported DWD frequencies are: 4877.5 4960 5252.5 5357.6 5832 5859 and 5876 kHz.

I also noted PACTOR-like transmissions on two of the frequencies reported by Kristian:

5876 and 5252.5. Code30 could not identify the mode or decode these. They were active before and after the RTTY tests. It transpires that these were almost certainly RS-ARQ/ALIS transmissions, using their R&S HF850 radios. The frequencies and times were right too, so ... maybe next month we'll log these as well.

WUN-v10

DDA64, on the frequency I monitored did not say when the next test would be. However they did on 5832.5. It will be on 8 June 2004, and it is to be hoped these regular series of tests will continue to be held on the second Tuesday of each month.

Thanks are due to Kristian K., Ralf, Tom Roesner and Leif Dehio for supplying information.

73 de Jim,
(RGA)

Many thanks Jim for the above, and the others mentioned for their contributions.

::: Hamburg Met (rtty) schedule

There has been some rescheduling of the rtty (50bd/N/450Hz) broadcast.

In the following weather bulletins cover a mixture of formats for the whole, or sections of, the general areas given ie

Warnings

Weather situation followed by (textual) forecast, and possible further outlook

Weather situation followed by (tabular) time series forecasts

Route forecasts.

Forecasts vary from 24 hr to 5 days.

PROGRAM 1 operates H24 on 4583, 7646 10100.8 kHz in ENGLISH

>>Weather bulletins

For Atlantic, North Sea and Baltic

(inc strong wind, gale storm warnings in German/Eng):

0000 0005 0020 0300 0305 0320 0330 0355 0535 0550 0605 0835 0850 0900
0930 0955 1135 1150 1205 1435 1450 1500 1505 1530 1735 1750 1800 2035
2050 2100 2130 2155

For Mediterranean:

0415 1015 1610 1115 1550 2215 2315

>>Met codes

(SYNOP)(AAXX)[Europe, N Africa, N America]

0035 0610 1210 1810

(SHIP)(BBXX) [N Sea, Atlantic, N Polar Sea]

0200 0440 0735 1035 1335 1635 1935 2235

(BUOY) [Atlantic, N Polar Sea]

0815 2015

>>Miscellaneous

Nav warnings:

0515 1715 (and on receipt)

Notices

1110

Advice on use of wx data

0030 0605 1205 1805

PROGRAM 2 operates 0500-2200z on 147.3 11039 14467.3 kHz in GERMAN.

>>Weather bulletins

For Atlantic, North Sea and Baltic, Norwegian Sea
(inc strong wind, gale storm warnings in German/Eng):
0500 0505 0520 0530 0600 0605 0620 0630 0700 0725 0820 0900 0905 0920
1025 1035 1100 1200 1205 1220 1230 1300 1325 1420 1500 1505 1520 1545
1625 1635 1800 1805 1820 1830 1900 1925 2020 2100 2105 2120

For Mediterranean:
0535 0730 0840 0930 1030 1120 1330 1440 1530 1610 1630 1735 1930
2040 2130

>>Met codes

(SHIP)(BBXX)
0735 1335 1935

>>Miscellaneous

Nav warnings:
0950 1715 (and on receipt)

Specials (as required) for research vessels
1145 1635

Advice on use of wx data, Notices
1010

::: Tokyo Met/JMH FAX changes

It has been noted that the 9970 and 23522.9 frequencies have been
withdrawn from the transmission assets leaving only

3622.5 7305 13597 18220 kHz.

The revised schedule is as follows

Time(z)	VT(z)	Product	
0000	12	Sfc pres/precip 48hr/72hr prog	
0020	12	Sfc pres/precip 96hr prog	
0040	12	Sfc pres/precip 120hr prog	
0103	--	Test chart	
0110	00	Sat pix	
0130	--	Sea ice condition (seasonal)	[Wed, Sat]
0130	--	Sea ice condx 48hr/72day prog (seasonal)	[Thur, Sun]
0150	00	Tropical cyclone fcst	[when relevant]
0210	--	Sea sfc current, temp at 100m depth	[Tues, Fri]
0229	--	Radio prediction	[20th,21st month]
0240	00	Sfc anal	
0300	--	Sea sfc water temp	[Tues, Fri]
0320	00	Sfc anal	
0340	--	Schedule, manual amendments	
0400	00	Tropical cyclone fcast	[when relevant]
0421	00	Ocean wave anal	
0440	00	Coastal wave anal	
0459	00	500hPa height/temp	
0518	00	850hPa height/temp/dewpoint depression	
0548	00	Sfc 24hr prog	
0610	00	Sfc anal	
0630	00	Sfc pres/precip 48hr/72hr prog	
0651	00	Ocean wave 24hr prog	
0710	06	Sat pix	
0730	06	Coastal wave 24hr prog	
0750	06	Tropical cyclone fcst	[when relevant]
0820	00	Sfc 48hr prog	
0840	06	Sfc anal	

WUN-v10

0900	06	Tropical cyclone fcst	[when relevant]
0920	06	Sfc anal	
0940	00	Sfc pres/precip 48hr/72hr prog	
1000	00	Sfc 48hr prog	
1019	--	Sea ice condition	[when relevant]
1019	--	Sea ice condx 48hr/72day prog (seasonal)	[Wed, Sat]
1040	00	Sfc 24hr prog	
1100	00	Ocean wave anal	
1119	00	Coastal wave anal	
1140	00	Ocean wave 24hr prog	
1200	06	Sfc anal	
1220	--	Sea sfc current, temp at 100m depth	[Tues, Fri]
1239	--	Sea sfc water temp	[Tues, Fri]
1303	--	Test chart	
1310	12	Sat pix	
1330	00	Coastal wave 24hr prog	
1350	12	Tropical cyclone fcst	[when relevant]
1440	12	Sfc anal	
1520	12	Sfc anal	
1540	12	Tropical cyclone fcst	[when relevant]
1640	12	500hPa height/temp	
1700	12	850hPa height/temp/dewpoint depression	
1719	12	Coastal wave anal (i/c t/cyclone)	[when relevant]
1750	12	Sfc anal	
1910	18	Sat pix	
1930	12	Sfc 24hr prog	
1950	18	Tropical cyclone fcst	[when relevant]
2010	12	Coastal wave 24hr prog (i/c t/cyclone)	[when relevant]
2040	18	Sfc anal	
2100	12	Sfc 48hr prog	
2120	18	Sfc anal	
2140	18	Tropical cyclone fcst	[when relevant]
2200	12	Sfc pres/precip 48hr/72hr prog	
2220	12	Coastal wave anal (i/c t/cyclone)	[when relevant]
2240	18	Sfc anal	
2300	12	Sfc 24hr prog	
2320	12	Coastal wave 24hr prog (i/c t/cyclone)	[when relevant]
2340	12	Sfc 48hr prog	

>>....special.....>

::: Abbreviations and terms

Further some comments in the [WUN] list this past month

a. The following are used to indicate hours of service

H24 Continuous

H8(16) Signifies hours of watchkeeping by Ship Stations
 3rd Category 8 hours One RO
 2nd Category 16 hours Two ROs
 [in the days when ships carried ROs :-(]

HJ Day service only (horaire jour)

HN Night service only (horaire nuit)

HX No specific hours, or fixed intermittent hours.

b. The next revolves round ITU emission designation.

The International Telecommunication Union (ITU) states that radio emissions shall be designated according to their necessary bandwidth and their classification. This is given in Appendix 1 to the Radio Regulations. When shown in frequency databases one will see a

designation similar to

-Bandwidth-	Emission	-
| B B B B |	1 2 3 |	4 5 |

The first four elements indicate the bandwidth, the following five the emission, if the full designation is used. These notes are limited. Not intended to be a complete write-up, but sufficient to give a basic understanding and assist the monitor in reading databases eg

Australia http://www.aca.gov.au/pls/radcom/register_search.main_page

Canada <http://spectrum.ic.gc.ca/tafl/tafindxe.html>

New Zealand <http://spectrumonline.med.govt.nz/>

USA <http://svartifoss2.fcc.gov/reports/index.cfm>

The basic characteristics are embedded in Symbols 1, 2 and 3, with 4 and 5 providing two optional extras.

Symbol 1 - Type of modulation of main carrier

A	Amplitude modulation	Double sideband
H	Amplitude modulation	Single sideband, full carrier
R	Amplitude modulation	Single sideband, reduced carrier
J	Amplitude modulation	Single sideband, suppressed carrier
B	Amplitude modulation	Independent sidebands
F	Frequency modulation	
G	Phase modulation	

Symbol 2 - Nature of signal modulating the main carrier

1	Single channel containing digital information WITHOUT use of a modulating sub-carrier
2	Single channel containing digital information WITH use of a modulating sub-carrier
3	Single channel containing analogue information
7	Two, or more, channels containing digital information

Symbol 3 - Type of information to be transmitted

A	Telegraphy - for aural reception
B	Telegraphy - for automatic reception
C	Facsimile
D	Data, telemetry, telecommand
E	Telephony (inc sound broadcasting)

Symbol 4 - Details of signal

Symbol 5 - Nature of multiplexing

For the UTE monitor this classification is usually limited to the first three basic symbols and the following are simple examples in common usage (check against the listed Symbols 1, 2, and 3 above):

A1A Morse (on/off keying of carrier), aka CW

A3E Broadcast

J3E RT (/USB or /LSB), suppressed carrier

H3E RT (/USB or /LSB), full carrier. This is the preferred mode for use on the 2182/usb kHz distress channel.

F1A Morse (switching Mark>Space or Space>Mark for keydown). Found on Russian nets.

F1B Digital (machine) telegraphy employing two states (RF frequencies) Mark/Space where the carrier is shifted to one or other of these states.

F1C FAX (weather and press). Similar to F1B but the states are Black and white.

F7B Machine telegraphy using two or more channels eg Twinplex

J2B Digital (machine) telegraphy employing two states (RF frequencies) Mark and Space. In this case (as opposed to F1B) two (Mark and Space) audio tones are applied to an SSB RT transmitter which on modulation radiates the same two RF signals as would be the case when operating F1B. This method has generally replaced the F1B method used many years ago. The midpoint of the two audio tones is considered the sub-carrier eg Mark/1500Hz and Space/1900Hz gives a subcarrier of 1700Hz. With the transmitter operating in this manner it will be required to have its suppressed carrier offset ie set to the assigned frequency minus (when /USB mode) the sub-carrier. This setting is commonly known as the DIAL frequency.

J2B is easier to operate, permitting rapid switching between voice and digital transmission. The carrier is not modulated resulting in reduced complexity in its generation and increased stability in both frequency and shift tolerances.

J2C FAX - again using an SSB RT transmitter to replace the F1C method.

J7B Using an SSB RT transmitter to replace F7B.

Note that the classification system does not indicate the actual transmission system, only the modulation characteristics. ie F1B/J2B (both appear the same to the receiver) could be supporting (with two-states) any number of transmission systems such as RTTY, Sitor/A, Sitor/B, ARQ/E3, Po1/ARQ, Pactor-I, etc etc.

To conclude a few words on the bandwidth section. It is expressed using three numbers and 1 letter. The letter represents the decimal point in the overall number and the bandwidth unit:

H (Hz) K (kHz) M (MHz).

The first character may not be a 0, K or M. Examples

- 100H 100Hz
- 400H 400Hz
- 2k80 2.8kHz
- 6K00 6kHz.

>>....Signoff.....>

And until next month 73 and good listening Rgds Day

Government and Military Monitoring
By Larry Van Horn, N5FPW
Brasstown, NC USA

Welcome to the June 2004 WUN Military/Government column. Sorry for missing last months column. It's a long story I won't repeat here. So without further ado, let's get to work.

+++++

US Army 18th Airborne Corps HF ALE Net
Courtesy of Ron Perron

Frequencies:
3238.5 4641.5 5883.5 6911.5 7361.5 8171.5 9295.0 10161.5 10680.0
12168.0

Identifiers:

18FABDEJAGCE 18th Field Artillery Bde
 159X1 Probable 1/159th deployed/exercise HQs
 229JAGCE Probably 229th FA Bn (105mm howitzers)
 327FAJAGCE 3-27th FA (MLRS)-Multiple Rocket Launcher Bn, 18th Airborne
 Corps
 FFAJAGCE Unidentified sub-unit of 18th FA Regt
 P1Z159 1/159th Avn Bn, Ft Bragg
 S03OPS Unidentified
 S08OPS Unidentified
 S12 Unidentified
 S21 Unidentified
 S41 Unidentified
 T1Z159 1/159th Avn Bn, Ft Bragg
 T18 Probably 18th Airborne Corps HQs

 US Army Continuity of Operations (COOP) HF ALE Net
 Courtesy of Ron Perron

Freqs (all USB)

3275.0 3285.0 5066.5 5088.5 6767.5 6985.0 7448.5 7510.0

Identifiers:

CECOM US Army Communications & Electronics Command, Ft. Monmouth NJ.
 USACE1010 US Army Corps of Engineers
 USADA1010 Unidentified
 USAFC1220 US Army Forces Command (FORSCOM), Ft McPherson GA
 USAIS1012 US Army Intelligence & Security Command, Ft Belvoir VA
 USAMC2120 US Army Materiel Command, Alexandria VA
 USAMD1010 US Army Medical Department ???
 USANG2409 US Army National Guard HQs, Arlington VA
 USAPC1010 US Army Pacific Command, Oahu HI

I believe the purpose of this net is to develop & maintain an HF ALE communications capability to support the major US Army commands. This net would probably provide backup communications capability in the event of failures of other means of communications, i.e. landlines, satellites, microwave/troposcatter.

This net is usually "tested" on wednesdays. Lately the US Army Intelligence & Security Command, Ft Belvoir VA has been acting as Net Control Station (NCS) for this net.

 USSTRATCOM Listings

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US Strategic Command (USSTRATCOM) tactical calls and frequencies. Here is a list of some of the USSTRATCOM tactical callwords and frequencies monitored this past month by Jeff Haverlah and the gang.

Callwords: Abortive, Accuracy, Acid Test (TACAMO), Automatic, Auto Sell, Bernadine, Base Pay, Big Burly, Big Show, Big Time, Caldwell, Calm Day, Card Share, Carpet Bag (TACAMO), Caseload, Caveman, Clean Table, Composer (TACAMO), Daffodil, Dart Board, Decorous (NAOC), Ditty Bag (TACAMO), Extension, Fire Camp, Five Spot (Looking Glass), Goal Post, Green Sky (Looking Glass), Gun Rack, Hardship (TACAMO), Headache (TACAMO), Heavy Arm (TACAMO), Jewel Box, Last Date (NAOC), Long Term, Loop Hula (TACAMO), Mailbag (NAOC), Masterpiece, Mecator, Mystery Ship, Neon Lamp, New Deal, Originate (Looking Glass), Outcurve (TACAMO), Pinochio (TACAMO), Powerkit, Rated Man, Ready Made, Rebellion (TACAMO), Red Alder, Road Crew (Looking Glass), Rose Bush, Sanitary, Semi Tone, Sherlock (Looking Glass), Spy Song (TACAMO), survival, syllabus (TACAMO), Territory, Tip Tank, Variable

Frequencies: 6697.0 7501.0 8992.0 11244.0 13155.0 13200.0

Military Logs

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3050.0 US Navy, single letter unit net USB (Aero OR frequency)
 5101.0 US Army, TF185-185 Avn Deployed USB/ALE
 5809.0 US Army, T2Z227 USB/ALE
 7780.0 Israeli Air Force USB/ALE
 7801.5 CANFORCE, EIT1N & COM1N USB/ALE
 7830.0 DoD, unid tri-graph net USB
 7905.3 US Army, T4Z1ID-4th Brigade, 1st Infantry Division USB/ALE
 US Army, T82AA (Blackhawk Ops) w R26066 (Tacker 13) USB/ALE
 8383.0 Georgia Military, USB/ALE
 8858.0 Israeli Air Force, USB/ALE
 9025.0 Mexican Army USB/ALE
 9395.5 Polish Military, deployed in Iraq USB/ALE
 10151.5 US DoD, V3A/V1E/V17/V3E/V3F/BID USB/ALE
 10162.0 Civil Air Patrol, numerous CAP stations and 453FEMAUX & WGY9453
 USB/ALE
 10176.0 US Army, T2Z238 2-238 Tuzla, BIH USB/ALE
 10181.0 Algerian Military, ALG1-Algiers clg DEPL-Tamanrasset USB/MIL-STD
 188-141A
 10302.0 US Marine Corps exercise frequency USB
 10310.6 French Navy, 1TLFUO-Toulon clg 1TLFUF-Fort de France USB/MIL-STD
 188-141A
 10408.0 US Army, TF185-185 Avn Deployed USB/ALE
 10574.0 Algerian Military, BECH-Bechar clg Algiers LSB/MIL-STD 188-141A;
 CHR1-Cherchell USB/MIL-STD 188-141A
 10605.7 Italian Navy, IDR-Rome USB/STANAG 4285 2400Bd PSK, KG-84 traffic
 to IHMW - Minehunter Viareggio
 10818.5 US Army, 228FWD & RUH959 USB/ALE
 12501.0 US Army, T1Z106- 1-106 Avn Deployed USB/ALE
 13042.0 French Navy, FUV-Djibouti RTTY 850/150
 14006.0 US Army OPS171-National Guard (GA) 1-171 Aviation Regiment
 Dobbins ARB, GA (Deployed in Iraq) and P1Z244/T1Z244-1-244 Avn
 Lakefront Airport, New Orleans, LA (Deployed in Iraq) USB/ALE

Government Logs

=====

4505.0 Algerian MOI, YA51 clg YA50 USB/ALE
 5748.6 US Department of State, KWB48-Unknown, KWX99-Unknown, KWT92-
 Unknown, KWB48-Unknown, KWW25-US Embassy Oslo, Norway; KWQ36-Unknown USB
 ALE/MIL-STD 188-141A
 6600.0 Italian Police USB/ALE
 6893.0 Albanian MOI USB/ALE
 6902.6 US Department of State, KWB48-Unknown, KWX99-Unknown, KWT93-
 Unknown, KWB48-Unknown, KWX92-Unknown, KVX45-Unknown, KWP95-Unknown,
 KWX95-Unknown, KMN94-Unknown USB ALE/MIL-STD 188-141A
 8058.6 US Department of State, KWW25-US Embassy Oslo, Norway, tfc to
 KWB48 USB/ALE
 9110.0 Algerian MOI, HN12 w JU16 USB/ALE
 9120.0 Algerian Diplo, MAE-MFA Algiers, ALG LSB/MIL-STD 188-141A/THALES
 MSM-1250 10ch.
 VFT; TNS-Embassy Tunis, TUN
 9295.0 New York State ALE Net, SLKNY-possible Saranac Lake; RVHNY-
 Riverhead; BUFNY-Buffalo; ALBNY-Albany; RCHNY-Rochester USB/ALE
 10733.6 US Department of State, KWW25-US Embassy Oslo, Norway, tfc to
 KWB48 USB/ALE
 11168.6 US Department of State, KWW25-US Embassy Oslo, Norway, KRH54-
 Unknown USB/ALE
 11448.0 FEMA, FEM620 & FEM621 USB/ALE
 11480.0 Albanian MOI, TARABOSHI-Tarabosh and SHEBENIKU-Shebeniku USB/ALE
 14585.0 US Justice Dept or DHS, X4A w A7Y USB/ALE [This is a long

WUN-v10

standing HF allocation for INS which has moved to DHS. More monitoring will be required to figure this one out.)

25055.0 French Diplo, LECAIRE-Cairo c1g Khartoum USB/ALE
25301.0 French Diplo, LECAIRE-Cairo c1g Khartoum USB/ALE

Until next time, 73 and good hunting - Larry.

N A U T I C A L N E W S

Utility Monitoring in the Maritime Bands

Hi and welcome to Nautical News.

::: USCG Kodiak (Alaska) extends NAVTEX service

USCG Kodiak now offers the mariner two NAVTEX broadcasts on 518 kHz, each with its own ID letter.

[J] 0300 0700 1100 1500 1900 2300 Areas to the E of Kodiak
[X] 0340 0740 1140 1540 1940 2340 Areas to the W of Kodiak

::: Valparaiso Playa Ancha Radio/CBV

The latest info on this station.

--- HF RT service (freqs /usb).

CBV	Ship	[ITU chan]	
4146	4146	-	
4357	4065	[401]	
4369	4077	[405]	
4411	4119	[419]	
4417	4125	[421]	H24
4429	4137	[425]	
6224	6224	-	
6501	6200	[601]	
6510	6209	[604]	
6516	6215	[606]	
8294	8294	-	
8719	8195	[801]	
8737	8213	[807]	
8743	8219	[809]	
8761	8237	[815]	
8767	8243	[817]	
8779	8255	[821]	H24
12353	12353	-	
13080	12233	[1202]	
13104	12257	[1210]	
13128	12281	[1218]	
13137	12290	[1221]	
13146	12299	[1224]	

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13152	12305	[1226]	
13158	12311	[1228]	
16528	16587	-	
17302	16420	[1621]	H24
17332	16450	[1631]	
17359	16477	[1640]	
22756	22060	[2221]	H24
22768	22072	[2225]	
22813	22117	[2240]	

Traffic lists every H+00 on 4357 kHz, and
Wx in Spanish at 1235z and 2335z on 4357 kHz.

--- Telex service (freqs assigned).

Station number 1860, selcal XFCV. MMSI 007251860

CBV	Ship	[ITU chan]		
4214.5	4176.5	[409]	H24	#
4217.5	4180	[416]	H24	#
8420.5	8380.5	[809]	H24	#
8424	8384	[816]	H24	#
12583.5	12481	[1209]	H24	
12587	12484.5	[1216]	On request	#
16811	16687.5	[1609]	H24	#
16814.5	16691	[1616]	H24	#
22380.5	22288.5	[2209]	H24	#

Traffic lists every EH+00

Wx in Spanish and English at 1210 1610 1845z on #.

Nav warnings in Spanish and English at 1430z on ALL CBV telex
frequencies.

--- Wx FAX broadcasts.

CBV broadcasts these on 4428, 8677.2, 17146.4 kHz (freqs assigned) at

1115	Sfc anal
1130	Sat pix
1630	Sfc anal
1645	Sat pix
1915	Wave anal
1930	Sat pix
2200	Sfc anal
2215	Ice edge (Antarctica)
2310	24hr sfc fcst
2325	Sat pix

: : : Kherson Marine Merchant Port

"Kherson radio-2"

73000 Kherson, Ushakova 4.

Tlf 4/6/8/13 MHz

TXs: Arktika, Korvet; Rxs: Katran, Burun-1. Full size deltas for 4/6/8
MHz.

Rx ant: rod, dipoles.

Korchagin V.I. Engineer of means of radio and television

1. 0830-1000 4236/4182,6; 6432/6277,7; 8706,4/8366,6; 12808,5/12505,6 kHz
100HAA1A.

2. 1230-1400 4236/4182,6; 6432/6277,7; 8706,4/8366,5; 12808,5/12550,6 kHz
100HAA1A.

3. 1700-1900 4236/4182,6; 6432/6277,7; 8706,4/8366,5; 12808,5/12550,6 kHz
100HAA1A.

4. 2330-0130 4236/4182,6; 6432/6277,7; 8706,4/8366,5; 12808,5/12550,6 kHz
100HAA1A.

WUN-v10

5. 1000-1230 4363/6527/8755/13089 kHz 2K80J3E.

6. 1400-1700 4363/6527/8755/13089 kHz 2K80J3E.

7. 1900-2330 4363/6527/8755/13089 kHz 2K80J3E.

Taking ships on waiting list is made both in CW and USB.

Waiting list of ship's station phone conversation is made before each of CW session (usually 10-15 minutes). USB frequencies are not shown since they can be different. One should listen to announcement in order to know them for current day

Sevastopol-Radio-3

Station of Sevastopol Merchant (not Fishing[URL]!!) Port

Adr.: Ukraine, Crimea, Sevastopol, index 99011, ploschad' Nakhimova, 5.

44-37N 33-32E

Ship's freq.	Coast Freq.
--------------	-------------

2525/2464	2264/2464
-----------	-----------

4119	3160/4354
------	-----------

6200	6516
------	------

8195	8779/8119
------	-----------

12335	13137/13182
-------	-------------

16411	17293
-------	-------

18795	19773
-------	-------

*22063	*22769
--------	--------

*25088	*26163
--------	--------

Traffic list: 0500, 1100, 1800 on 3160, 6516, 8779, 13137, 17293 kHz.

My thanks to Sergey Kolesov for the above information.

: : : Coastal Station of the Month.

We start this series with walvis Bay Radio.

My thanks to Hein Bertram V51EK for the following information

A Brief History of walvis Bay Radio

Walvis Bay Radio has been on the air since 1922, when the old German H.F. Station in Tsumeb was transferred to walvis Bay.

The first radio station in walvis Bay stood on stilts near the North hospital. In this radio station stood a powerful Marconi transmitter inside a cage. Every time one had to change frequency, it had to be done manually. The receiver used was a box type Racal.

In 1958, this station was upgraded and relocated near the Duneside school to accommodate both the marine and inland radiotelephone network.

A Senior Technician and two assistants stationed at the old manual Telephone Exchange used to help out with faults. When major faults could not be cleared by them, faults technicians were called out from Windhoek, 400 kilometers away.

Sometimes walvis Bay Radio were off the air for days whilst the technicians went through the fault finding process step by step according to the Service Manuals as there were no standby transmitters available.

When the Suez Canal closed because of the Israeli-Arab war, walvis Bay Radio became too small to cope with the increase in traffic which indirectly resulted in the building of a new Radio Station approximately 15 kilometers out of town in the desert.

This station was opened in 1973 and is still occupied today with the transmit station another 10 kilometers further down the road.

The geographical position of the Receive Station is 23.03,15 south and 014.37,30 east. The Transmit Station is situated at 23.03.15,32 south and 14.37.32,06 east and is a replica of the Receive Station.

Luderitz Radio, which was manually operated in the old days with the callsign ZSA and later changed to ZSL, was eventually taken over by remote control via Walvis Bay Radio in the late 70's. A watch-keeping service on 2182 kHz was kept, with VHF channel 16 introduced a number of years later.

Walvis Bay Radio was officially handed over to Telecom Namibia by Telkom South Africa on the 1st March 1994, and now operates under the callsign V5W for Walvis Bay Radio and V5L for Luderitz Radio, which is remotely controlled via Walvis Bay Radio.

Walvis Bay Radio provides vital links in the Marine and Inland Radio Communications service. The main modes of communication are Radio Telephony, Fax, Navtex and the Radio Direct Dialing System.

The Maritime Radio Section carries out vital functions as part of the International Safety of Life at Sea (SOLAS) agreement dealing with all Distress Calls at sea and is the main source of communication between the stricken vessel and land. A 24-hour watch-keeping service on the International Distress and Safety frequencies/channels - channel 16 VHF, 2182, 4125, and 6215 kHz.

The transmission and monitoring of safety-related messages, weather forecasts and reports, navigation warnings and Navtex broadcasts, connection to medical advice and evacuation assistance as well as other associated safety services. To adhere and to be in accordance with the International Maritime Organization (IMO) Convention, SOLAS Chapter IV, as amended in 1988 and SOLAS Protocol for the implementation of Global Maritime Distress and Safety System (GMDSS) 1992-1999, wireless Telegraphy (Morse Code) 500 kHz was phased out at the end of February 1999. Walvis Bay Radio opted to keep this service open for the many foreign fishing vessels that operated along the Namibian coast and was officially closed down on the 1st February 2001 to allow for the implementation of GMDSS and international standards. This will be implemented in the near future.

In addition to this the Radio station provides a manual and automatic radiotelephone (Radio Direct Dialing) service for vessels along the Namibian coast.

The Inland Radio Section, like the maritime section, offers a manual and automatic radiotelephone service to all the remote and rural areas in Namibia.

The 24-hour Manual Radiotelephone service provides communications to all radio subscribers who are licensed to operate through our network from any base or mobile station within or outside of Namibia.

Also the connection to medical advice, evacuation assistance and other associated safety services. Radio Fax - the acceptance and retransmission of faxes to any destination or radio subscriber connected to our fax facility. Automatic Radio Direct Dialing Systems (RDD) - enables any base or mobile station to bypass the operator and make or receive calls to/from any destination in the world.

Today, Walvis Bay Radio has a compliment of thirteen staff members viz. one Supervisor, ten Maritime Radio Officers, of which three are still on training and two laborers.

: : : MF Changes in Norway

There have been changes to 2MHz MF frequencies in Norway.

The Farsund Frequencies 1785 1671 2676 are now operated from Rogaland Radio

The Bergen Frequencies 172803631 2667 are now also operated from Rogaland Radio

The Orlandet Frequencies 1782 3628 2635 are now operated from Floro Radio.

That's all for this month, as always contributions are most welcome to g4pyr@dsl.pipex.com

73 Robert G4PYR

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# NUMBERS & ODDITIES #
////////////////////////////////////\////////////////////////////////////\
- Editor: Ary Boender          *****          e-mail: ary@luna.nl -
- Nickname on IRC channels #wun #monitor #numbers: Ary-B -
-
- Download the complete N&O newsletter from the N&O web site -
- http://home.luna.nl/~ary/ -
-
- Online database: Chris Smolinski <csmolinski@erols.com> -
- http://www.spynumbers.com/numbersDB/ -
\////////////////////////////////////\////////////////////////////////////\

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-::: N&O #73, May 2004 :::-

"This transmission by authority of Papa Oscar Tango Uniform Siera. The Potomac River is at high tide." A new numbers station? A FEMA exercise? Nope, it was a prankster. Read all about it the fun section.

Before I start the show, I would like to thank this month's contributors Tomonori, Takashi, Al, Chris, Eric, Aquila, Richard, Maciej, Jim, JC5, Alf, Tony, Fritz, Leif, Brian via E2K, IARU-MS, DARC Bandwacht, Japan Ute Monitor and several other dxers. As always, much appreciated !!!

-0-0-0-0-0-0-0-0-0-0-

* VOICE STATIONS *

::: E03

Lincolnshire Poacher IDs compiled by Al.

IDs used in the first half of the month.

UTC	Mon	Tue	wed	Thu	Fri	Sat	Sun	UTC
1200	23790	23790	23790	23790	23790	23790	23790	1200
1300	24778	24778	24778	24778	24778	24778	24778	1300
1400	10907	51452	50898	77876	23790	17345	85087	1400
1500	85087	10907	51452	50898	77876	23790	47977	1500
1600	47977	85087	10907	51452	50898	77876	17345	1600
1700	17345	47977	85087	10907	51452	50898	23790	1700
1800	23790	17345	47977	85087	10907	51452	77876	1800
1900	77876	24778	17345	24778	85087	10907	24778	1900
2000	24778	23790	24778	47977	24778	85087	50898	2000
2100	50898	77876	23790	17345	47977	24778	51452	2100
2200	51452	50898	77876	23790	17345	47977	10907	2200

IDs used in the second half of the month.

UTC	Mon	Tue	wed	Thu	Fri	Sat	Sun	UTC
1200	20494	20494	20494	20494	20494	20494	20494	1200
1300	24778	24778	24778	24778	24778	24778	24778	1300
1400	35873	62909	86197	18258	20494	17368	40709	1400
1500	40709	35873	62909	86197	18258	20494	65873	1500

								WUN-v10	
1600	65873	40709	35873	62909	86197	18258	17368	1600	
1700	17368	65873	40709	35873	62909	86197	20494	1700	
1800	20494	17368	65873	40709	35873	62909	18258	1800	
1900	18258	24778	17368	24778	40709	35873	24778	1900	
2000	24778	20494	24778	65873	24778	40709	86197	2000	
2100	86197	18258	20494	17368	65873	24778	62909	2100	
2200	62909	86197	18258	20494	17368	65873	35873	2200	

<<<<<>>>>

::: E04

Cherry Ripe's schedules:

UTC	Frequencies	
----	-----	
1000	20474	// 23461 kHz
1100	18864	// 23461 kHz
1200	18864	// 23461 kHz
1300	18864	// 21866 kHz
1400	18864	// 20707 kHz
2200	18864	// 24644 kHz
2300	18864	// 21866 kHz
0000	18864	// 21866 kHz
0100	19884	// 21866 kHz

The 1400 UTC slot seems to be empty these days.

Takashi logged Cherry Ripe on 24-5 at 1309 UTC on 18864//23461 kHz. The transmission on 23461 kHz stopped abruptly at 1310 UTC. I guess that they discovered that the wrong frequency was being used as 21866 is the fixed frequency for this slot.

Cherry Ripe IDs compiled by Tomonori.
IDs used in the first half of the month.

UTC	Sun	Mon	Tue	Wed	Thu	Fri	UTC
0000		08069	98035	04580	49788	02440	0000
0100		98035	04580	49788	02440	27409	0100
1000		04580	49788	02440	27409	50222	1000
1100		49788	02440	27409	50222	04580	1100
1200		02440	27409	50222	04580	08069	1200
1300		27409	50222	04580	08069	98035	1300
1400							1400
2200	50222	04580	08069	98035	04580		2200
2300	04580	08069	98035	04580	49788		2300

<<<<<>>>>

::: E10

2-5	6912	1854	CIO2 and SYN2 mixed
3-5	5170//6930	1905	SYN 92Z52Z1005B55
4-5	5170//6930	1916	SYN A41050700
4-5	6912	1917	CIO 10
5-5	6370	1905	KPA A67T2R2
22-5	4270	2000	PCD 1
22-5	5820	2000	YHF 1
22-5	5091//6912	2150	CIO K160045P50045
23-5	4648//6912	0125	CIO K12P8
24-5	4418	1800	FDU M

Oldies but goldies, from a new contributor who sent me a bunch of string messages from early 1991 for the E10 collectors. Thanks and welcome to N&O, Richard!

The exact dates and time were not logged, but the frequencies are all there. All were heard in the spring of 1991.

4166 kHz: "CIO 11266073022"
 4168 kHz: "SYN 33"
 4362 kHz: "CIO L12"
 4362 kHz: "CIO 1R10"
 4362 kHz: "CIO 1R15"
 4362 kHz: "CIO B33L25"
 4362 kHz: "CIO D14M12C39"
 4362 kHz: "CIO G27H14R19"
 4362 kHz: "MIW 2166Z41"
 4665 kHz: "VLB 14B11"
 4665 kHz: "VLB 19D14"
 6747 kHz: "CIO 2"
 6747 kHz: "CIO L12"
 6747 kHz: "CIO 1R10"
 6747 kHz: "CIO 1R15"
 6747 kHz: "CIO B33L25"
 6747 kHz: "CIO R1439G45" (5 June 1991, 2045 UTC)
 6747 kHz: "CIO D141112C39"
 6747 kHz: "CIO G27H14R19"
 7606 kHz: "VLB 19D14" (23 May 1991, 2045 UTC)
 12951 kHz: "VLB 19D14"
 14869 kHz: "VLB N3ZI32"

<<<<<>>>>

::: E15

Yet another report that states that E15 was audible throughout April on 14000 kHz at 1700 UTC with call FYP.

<<<<<>>>>

::: G15 and G16

Especially for the collectors..... again from Richard, logs from spring 1991 and one from 1996:

2708 kHz: "PN" 9 Feb 1991, 1800 UTC
 3261 kHz: "GK"
 3261 kHz: "XL" 4 Feb 1991, 2000 UTC
 4595 kHz: "ZF" 4 Feb 1991, 1830 UTC
 5015 kHz: "GK"
 5015 kHz: "PN" 3 Feb 1991, 1800 UTC
 5015 kHz: "YB" 4 Feb 1991, 1930 UTC
 5183 kHz: "XL"
 5732 kHz: "EL" 17 May 1991, 1900 UTC
 5732 kHz: "YS"
 5771 kHz: "EL"
 6853 kHz: "EL"
 7405 kHz: "PN"
 10505 kHz: "JW" 27 Jan 1996, 2100 UTC
 11108 kHz: "PN"

<<<<<>>>>

::: V13

New Star Broadcasting is difficult to hear lately but it is still alive and kicking on 8300 and 11430 kHz.

<<<<<>>>>

::: V24

The South Korean station was heard on its usual frequency 6215 kHz AM at 1400 and 1500 UTC.

WUN-v10
<<<<<>>>>

::: V25

From China with love: YL reading numbers on 8195 at 1300 UTC
8870 at 1300 and 1400 UTC
9239 at 1200 and 1300 UTC
9260 at ???
10019 at 1200 and 1500 UTC

V25 uses frequencies 8195, 9260, 8870, 9239, 10019 and 15958 kHz.

<<<<<>>>>

::: V26

Chinese and English numbers on 6448//8621 kHz LSB at 1200 UTC.

V26 uses LSB frequencies 4650, 5924, 6448, 6460, 8621, 9101, 13028 and 16665 kHz.

-0-0-0-0-0-0-0-0-0-0-

* MORSE STATIONS *

The morse scene is very much alive as you can see. I have selected a number of stations for you. Check for more logs and frequencies the logs section in the newsletter edition of N&O.

::: M18

M18 has changed frequency from 4073 to 4503 kHz around 5 May and still transmits time strings (UTC+3).

<<<<<>>>>

::: M21

The Russian Air Defense stations were active on a number of frequencies in the past few weeks: 3246.5, 3801, 4391, 5221.5, 5772, 6321.5, 7755 and 9222 kHz, transmitting its typical strings. The id on all eight frequencies was "0".

=992350??0?????
=992312??0?????
=992336??0?????
=990004??0?????
=992332??0?????
=991847??0?????
=4293289322??00
=990146??0?????

<<<<<>>>>

::: M22

All frequencies were used throughout the month.
Broadcast 1: 2800//4241//5159//8103//10046//12984 kHz
Broadcast 1: additional frequencies: 10153//13511//13514 kHz,
observed between 26-4 and 15-5.
Broadcast 2: 2680//4331//6379 kHz

Format 1: vvv 4XZ 4XZ ==

Format 2: nw QTC 1 nr 497 ==
nr 497 oj v mi1q 836112 x17y gr 72 ==
xyxyx 5LG ==

(repetition) nr 497 oj v mi1q 836112 x17y gr 72 ==

WUN-v10

xyxyx 5LG ==
(ends)

nr 497 oj v mi1q 836112 x17y gr 72 == ++

<<<<<>>>>

::: M51

Frequencies	date	UTC	samples
4649.5//5279.5	26-4	1832	
6924//5223	27-4	1450	
7370	28-4	0750	
5063//5206	28-4	1400	
5081.5//7370.5	28-4	1525	
5081.5//7370.5	29-4	0621	
5063//5206	29-4	1920	
5908	30-4	1910	
5223//5894.5	3-5	1440	
4629.5	3-5	1835	
5475	4-5	1442	= nr 69 m 04 16:43:30 2004 = 5LG
5223//5894.5	4-5	1532	= nr 77 m 04 17:32:10 2004 = 5LG
5223//5893	4-5	1850	
5223//5893	5-5	0530	
5475	5-5	1525	
5317//5426	10-5	1445	
10217	10-5	1555	= nr 74 m 10 17:58:33 2004 = 5LG
5317//5426	11-5	1825	
5907	17-5	1530	
5314	18-5	1458	
5401.5	19-5	0645	
5314//5401.5	19-5	1505	
4471	18-5	1509	= nr 50 m 18 17:09:34 2004 = 5LG
4447//4486	20-5	1525	
5262	24-5	1425	= nr 37 m 24 16:26:58 2004 = 5LG
5911	24-5	1525	
5262	25-5	1900	
5262	26-5	0600	

<<<<<>>>>

::: M62

Still active on 3485 although not always audible.
 1-5 / 10-5 B3ET B3ET B3ET = RNJ5 RNJ5 RNJ5 +
 3-5 + 5-5, 0500 UTC: = = QTR 0700
 11-5 / 20-5 J7XD J7XD J7XD = D3QK D3QK D3QK +
 21-5 / 31-5 QR2U QR2U QR2U = KP6F KP6F KP6F +

<<<<<>>>>

::: M82

"VVV JVG DE BML" on 4700kHz at 1359 UTC
 "VVV JVG DE BML" on 4700kHz at 1300 UTC
 in progress on 4700kHz at 1204 UTC

<<<<<>>>>

::: M89

"V CP17 CP17 CP17 DE L9CC L9CC" on 3646.4, 3552.8, 3553.2, 7000, 7038.8,
 7056.4, 7058, 7059.3, 7060.2, 7072.8,
 7087.1 kHz.

"V BFR7 BFR7 BFR7 DE 4XML 4XML" on 5756.5 kHz.

"V MW4D MW3D MW3D DE 2SLC 2SLC" on 3320//4440 kHz.

<<<<<>>>>

::: MX

Reported cluster beacons:

P: 7038.8 kHz
S: 10871.9, 13527.9, 16331.9, 20047.9 kHz
F: 5154.2, 7039.2, 8495.2, 10872.2, 13528.2, 16332.2 kHz
K: 5154.3, 7039.3, 8495.3, 10872.3, 13528.3 kHz
M: 5154.4, 7039.4, 8495.4, 10872.4, 13528.4 kHz

Reported channel markers:

P: 3291, 3699.5, 3837, 4031, 4043, 4476, 4828, 5111//5862 kHz
F: 7078.4 kHz (off frequency cluster beacon??)
V: 3658 kHz
L: 3336.2 kHz
R: 4325.8, 5465.8 kHz

-0-0-0-0-0-0-0-0-0-0-

* VARIOUS MODES *

::: NEW XP VARIANT?

Yet another(?) XP variant popped up recently. The id consists of a two-tone signal, transmitted for ca 2 minutes. This is interesting because the id of the other XP stations consists of three tones, each representing the 100 kHz digit of the frequencies that are being used for the transmissions. If the id of this station also would represent the schedule, then it would mean that its schedule is limited to two frequencies. However..... the station uses three frequencies, just like the other ones.

We have no info about its current schedules. The following frequencies were used in the past: 18332, 18247, 17467, 17442, 17413, 16373 kHz. Usual schedule: H00, H15, H30, H45 in various combinations but always on three consecutive times and on different frequencies.

Mode : AM/SSB
Center Frequency: 873 Hz
Tone spacing : 40 Hz
Bandwidth : 755 Hz
Speed : 10 Bd

This variant is using 20 tone frequencies, but for data transmissions only 16.

Tone	Freq in Hz
01	495.600
02	537.320
03	575.340
04	615.042
05	656.762
06	694.445
07	734.147
08	773.849
09	813.551
10	853.253
11	893.291
12	932.993
13	974.377
14	1012.397
15	1052.098
16	1091.800

17 1136.212
 18 1171.204
 19 never used
 20 1250.944

There is a sample on the N&O website. Note that the sample has an offset of 1 kHz and the callup was shortened.

It goes without saying that all reports are most welcome.

<<<<<>>>>

XSW: 3828.9 kHz, Squeaky wheel
 S28: 4625 kHz, Buzzer
 S30: 3756 and its harmonic 7512 kHz, Pip
 XM: 10373, 10512 kHz. whales

M42: 7914 kHz, Russian intelligence, BAUDOT 200.33Bd/500Hz, 17 FGs
 9119 kHz, Russian intelligence, BAUDOT 200.33Bd/500Hz, 17 FGs
 10467 kHz, Russian intelligence, BAUDOT 200.33Bd/500Hz, 17 FGs
 10838 kHz, Russian intelligence, BAUDOT 200.33Bd/500Hz, 17 FGs
 12193 kHz, Russian intelligence, BAUDOT 200.33Bd/500Hz, 17 FGs

Jammers: "Havana Gurgle" on 18090 kHz.

Iranian Radar; wide signal (125 Hz) on 14000 kHz. Mode: PON

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* UNID STATIONS *

::: RUSSIAN NUMBERS STATIONS

I don't know if an Enigma code has been designed to this one.

17640 and 17786 kHz: SVR Moscow, 1100-1130 UTC. CW, 15 wpm,
 ANDUWRIGMT cut #s. 5FGs traffic.

Another Russian station was heard on 19 May at 1410 UTC on 16280 kHz.
 It was a very strong signal, mode CW. It was only sending for 2 minutes
 and the carrier went off after another 30 seconds.

<<<<<>>>>

::: "2"

Tomonori reports on 12 May that the "2"-station on 10140.5 kHz is being
 jammed. Shortly after that the station left this frequency. So far no
 new frequencies have been reported.

<<<<<>>>>

::: 2-SECOND PIP

We learn from Takashi that the 2-second pip can be heard on
 3115//5455//8340 kHz at 1253 UTC (5 May).
 8340//10470//14425 kHz at 0437 UTC (5 May).
 3115//5455//8940 kHz at 1337 UTC (16 May).

<<<<<>>>>

::: 3 PIPS

One of the other pip-stations is the one that transmits 3 pips every 2
 seconds (90 pips per minute). Nota that this station transmits a data
 burst every now and then. I asked Takashi to keep an ear open for
 this station and he told me that he has copied the station on:

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10071.5 kHz at 0113 UTC.
10071.5 kHz at 0908 UTC.
10071.5/17031.5 kHz at 0915 UTC.
3066.5 kHz at 1256 UTC.
3066.5//10071.5//17031.51 kHz at 1414 UTC.

Thanks Takashi san!

<<<<<>>>>

::: XDZ

An unid station transmits VV DE XDZ on 3555 kHz. The station was heard throughout April around 1400 UTC.

<<<<<>>>>

::: UNID

The following unid was observed by Fritz. This curious station appeared on at least 7 different frequencies during the past months.

Freq.	date	UTC	remarks
4200	26-4	1905	CQ CQ nw 84045 aa 93507 aa 90650 aa ... QSL 159 k
5504	often		... 5FG aa 5FG aa 5FG aa
6812	3-5	1845	CQ CQ nw nw 44220 aa 55308 aa 10575 aa ... k k
6825	15-3	1600	...5FG aa 5FG aa ...
7697	5-4	0515	...5FG aa 5FG aa ...
13066	3-5	0622	...5FG aa 5FG aa ...
13426	4-4	0700	...5FG aa 5FG aa ...

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* MILITARY STATIONS *

::: RUSSIAN / CIS MILITARY

Frequency	QSX	Callsigns / remarks
18.1		RDL: Russian Military Via Krasnodar VLF
3531		REA4: Russian AF HQ Moscow //4357//7959 kHz
3548		RDL
3829		DOK4, 5EFC
3832	4051	NBGY, P11Q, L5NM
3835		LDBO, HL2V
3844		S9CV, WWP5, XJWB, WEXR, 7A10
3889		SBU2, QQQ5, I4NZ, YZWZ, OX9Q, Z6MP, VSD9, 4SGA
4051	3832	HXMY, DRH2, V3V9, L5NM, MISG, NBGY, VYMP, P11Q, TU9D, 4HAA, ZFNV, MRDS
4357		REA4: AF HQ Moscow //3531//7959 kHz
4456		4IC5, 4RSL, VSD9, LZTR, AXVX
4479		SKJF, NH3J
5476		7AFF, 2IQI
6956		8KY8, G1JT, A3SY
7018		RIW: Russian Navy HQ Moscow, c1g RJF94 (Naval Air Transport, Central Sector control station Moscow) and RJC66
7041		8PZS, 3NY6, ZVLJ, NB2W, OPVD, 5TOB, ZRI1, XBDT, 2PVD, 8W6I, 7GIX, JHXR
7056		IA4R, OSLK, 1PAS, SZ3H, LAZY, XXH2
7959		REA4: AF HQ Moscow //3531//4357 kHz
8646		REA4: Russian Air Force HQ Moscow //13479 kHz
11136		JVQZ
13479		REA4: Russian Air Force HQ Moscow //8646 kHz
13852		DQZ8, 60I1
14299.6		RDL

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Alf's comments on his RIW log: "RIW is calling RJF94 and RJC66 for QSA? RJF94 is reported to be the Central Sector Control Station of Russian Naval Air Transport, Moscow. He is often reported on 8817 kHz in CW working with Russian naval air transport aircraft. Other players on this simplex net are RCB, RCH84, RJC38 and RJC48. The RJC prefix is (only?) used by Naval Air Transport, Sector Control ground stations. First time I saw RIW (Navy HQ Moscow) working Naval Air Transport Sector Control stations!"

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::: POLISH MILITARY

7803 kHz Polish forces at unid location. QSX 10555 kHz
20692 kHz c/s LCR155, SPF219 (loc. possibly Syria). Phone patch.
23462 kHz Elektra 19, Prawo 47, Handel 98, Pedzel 44. Radio checks.

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* FUN SECTION *

::: WBNY

WBNY, the voice of the Rodent Revolution with Commander Bunny was active again on 6950 kHz. I have seen reports of the transmissions on 4 and 10 April.

<<<<<>>>>

::: WBNY LOOK-ALIKE

An unid station has been on the air for a while. The first reports came in on May 9th and the last on the 17th. The kind of messages are very similar to those on WBNY. Look at this WBNY message and compare it to example #3. The same station perhaps???

"APE HUMANS MUST BE STOPPED. AL FANSOME CHECK TIRE PRESSURE.
RODENTS RULE. YOU ARE WASTING YOUR TIME TRYING TO DECODE THIS.
STUPID HUMAN RODENT REVOLUTION WILL WIN. GO **** YOURSELF."

Frequencies: 6850, 6875 and 6909 kHz.
Male and female voices with numbers transmissions and coded messages.

Sample messages:

- 1) "This transmission by authority of Papa Oscar Tango Uniform Siera
The Potomac River is at high tide.
Attention all operatives.
Next transmission on frequency 2 28B w.
The Potomac River is at high tide.
6 14 7 20 10 3 23 14 20 17 18 (repeated 3x)"
- 2) "Attn all operatives, this is a Bravo Siera message.
9 20 1 11 12 18 18 4 19 18 19 5 8 17 14 9 8 13 19 (repeated 3x)
23 14 20 1 14 13 3 8 23 1 14 17 14 14 18 (repeated 3x)
The Mississippi River runs south.
Next transmission on frequency Zulu."
- 3) "Be afraid, Fansome. Be very afraid. This is no joke. Check your
tire pressure, monkeyboy. Check your tire pressure, Fansome. Check
it now."

<<<<<>>>>

::: HWK7/CUA43/CUA69

I told you last month that the religious CW pirate from Loreto, Italy,
has changed his callsign to CUA43/CUA69. The callsigns belong to the

WUN-v10

former Portuguese station "Companhia Portuguesa Radio Marconi".

On 21-5 however, he was back with his old fake Vatican callsign HWK7.

Frequency: 6998 khz.

"vvv de CUA43/CUA69 == nr.133/1a --- 08905/2004 ==
poco fa ho sentito a radio maria il padre livio che
vorrei sentir sempre. ..."

"vvv de HWK7 +" (repeated)

<<<<<>>>>

::: COMMANDO SOLO

Not a pirate but an official US clandestine: Radio/TV Marti aired from an aircraft.

"The United States will use airplanes to broadcast anti-Castro programs into Cuba to improve reception on the communist-ruled island, the white House said." This news item appeared in the newspapers on May 6th.

So, Commando Solo will fly again. This time to air the Radio and TV Marti programs into Cuba on a regular basis.

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||||| PRODUCTS and BOOKS Review |||||

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Universal Radio's 2004 Communications Catalog

Universal Radio's 2004 Communications Catalog, which covers equipment for the amateur, shortwave and scanner enthusiast, is now available from the publisher.

Also featured is a wide selection of antennas, headphones, books and accessories.

Several new items are premiering in the catalog. They are Kenwood TS-480AT/HX amateur transceivers, Gap "Hear It" DSP speaker and module, ICOM IC-7800 amateur transceiver, ICOM R20 wideband portable receiver, AOR AR-ONE professional receiver, Uniden Bearcat 296D and 796D scanners, AOR SDU5600 color spectrum monitor, Kaito portable shortwave radios, Sangean WR1 AM-FM high fidelity table radio, plus the latest antennas, accessories and books.

The publication (Catalog #04-04), consisting of 104 pages in
Pagina 313

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8 1/2- by 11-inch format, is available free on request by fourth class mail or for three dollars by priority mail. Outside North America, requesters are asked to remit five International Reply Coupons (ICR's).

Universal Radio is at 6830 Americana Pkwy, Reynoldsburg, Ohio 43068-4113 U.S.A. For orders and prices call 800-431-3939; for information call 614-866-4267, or FAX to 614-866-2339.

E-mail: dx@universal-radio.com.
Web site: www.universal-radio.com

Just arrived in my mailbox:

Military Frequency Directory, 2nd Edition, on CD
by Larry Van Horn, Monitoring Times Magazine Milcom Columnist

=====
Look for a review of this publication in next month's column. After a quick looksee I can say that the huge amount of military-related information on this CD is just awesome.

If you can't wait for my review, you can order a copy directly from Grove Enterprises for \$39.95 plus shipping and handling.

Order SFT-31 at <http://www.grove-ent.com>, or e-mail to order@grove-ent.com, or call 1-800-438-8155.

Tell 'em WUN sent you.

That's a wrap!

Bob

UTILITY ROUND-UP #####
Editor: Ary Boender (ary@luna.nl)
Nickname on #monitor & #wun: Ary-B

Hello and welcome to yet another edition of the Utility Round-up. I have a nice variety of info for you. The African report is always interesting. It is a pity that it is very difficult to catch these stations over here. I would like to see more reports about Asian and Latin American stations. I guess that there are many stations like the African ones in these parts of the world as well. Can you please send me your findings, ladies and gents? The first reports from South America are already included in this issue.

My special thanks goes to Tony, Tom, Ewald, Eric, Don, IARU-MS, DARC Bandwacht, Jim and several other dxers for their interesting reports this month.

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* BPL - BROADBAND OVER POWER LINE *

BPL causes a lot of commotion amongst dxers around the world. After strong protests in several European countries, now also the US radio amateurs sound the alarm. Is BPL killing our hobby? It is most certainly a very big threat because it threatens every form of HF communication. If radio clubs in your area or country lodge a protest against BPL, BE SURE TO SUPPORT THEM!!!

ARRL Calls on White House to Withdraw Support for BPL

NEWINGTON, CT, Apr 27, 2004 --- The ARRL has appealed to President George W. Bush to withdraw his support for broadband over power line (BPL) technology and focus his administration's attention on "more suitable technologies" such as wireless broadband access. The League also has issued a call for members to support Haynie's request. Bush, in an April 26 speech at the Minneapolis convention of the American Association of Community Colleges, advocated changing technical standards to encourage BPL deployment in the US. Speaking on behalf of ARRL's membership, President Jim Haynie, W5JBP, told Bush that while the League supports universal and affordable broadband access, BPL is the wrong direction to take.

Additional info can be found on ARRL's website at <http://www.arrl.org/>

* AFRICAN REPORT *

- 7005.0 kHz, Christian missions, Tanzania.
Call signs: Dodoma, Mbesa, Dar es Salaam, Mtwara, Tunduru, Masasi, Njoka, Maningo(?), Songea.
Languages used on this net: Kiswahili, German, English.
- 7022.5 kHz, Agricultural estates, northern Tanzania.
Call signs: MD Arusha, Naberera, KT, Poverty.
- 7035.0 kHz, Unid from Sudan. Verbal Morse.
- 7045.0 kHz, Tanzania Electricity Supply Co.(30+ stations).
- 7050.0 kHz, Unid NGO net in Rwanda. May also have stations in Ethiopia, Somalia and Mozambique. Possible Kampala link.
Call signs: A, AA, BB, J, K, D, DG, Kigali, GA, W, WA, 42, 54. Positions coded, Alfa, Golf etc.
Languages heard on this net: French, English, Italian.
- 7055.0 kHz, Unid NGO in Zaire with phone patches.
Call signs: MA, B, G, Banana.
Languages heard on this net: French, Kiswahili, Italian.
- 7061.0 kHz, Unid net run by Somalis.
Call signs: Lugh, Kismayu, Burao, Bardera, Wari, Bulla Hawa, Baidoa.
Language: Somali.
- 7070.0 kHz, Unid net run by Somalis from Somalia and Eritrea.
Call signs: Asmara, Afmadu, Dobleh, Baidoa, Merere, Garoe, Burhane, Mogadishu, Kismayu, Beletwein.
- 14000.0 kHz, Unid net run by Somali.
Call signs: Galkayum, Bossasso, Hageisa, Mogadishu, Kismayu.
- 14000.0 kHz, Unid medical NGO operating in Sudan, Somalia, Uganda. Medical traffic in phonetics. Definite connection with Kenya but no traffic heard. Also on 12000 kHz LSB and 14450 kHz LSB.
Call signs: BI, ML, FM, SL, Zero, Quarante, 95, KE, CC, CE, CJ, CM, Goma, JM, JK, CN, KT, JA, DK, KM, MM, DJ, BC, NI3, YL, AL, K1, NI, Mai Mai, YL, SV, Kasungu, NBI, JT, AR (Arua).
Languages on this net: English, vernaculars, Kiswahili, Dholuo, the last predominating.
- 14114.0 kHz, Unid network operating from Somalia, Kenya and Djibouti with phone patches.
Call signs: Afmadu, Merere, Galkayu, Mandera, El Wak,

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Nairobi, Djibouti, Dobleh Boccaro, Baidoa, Dusa Mareb.
Language: Somali.

14135.0 kHz, Medical NGO operating from Kenya, Somalia, Sudan and DRC.
Call signs: El Der, Kismayu? Baidoa, Mogadishu, Nairobi,
Bossasso, BA, BM, AA, CM, CN, CE,OK, OH, CH.
Languages heard: English, Italian, Kiswahili.

14235.0 kHz, Unid African missionary traffic, using USB and/or LSB,
female voices.

14340.0 kHz, Unid net with phone patches operating from Somalia, Kenia,
Eritrea, Djibouti.
Call signs: Afmadu, Dobleh, Bardera, Hargeisa, Kismayu,
Boccaro, Mogadishu, Djibuti Mander, Nairobi, Asmara.

21117.0 kHz, Brothers of Charity.

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* CENTRAL & SOUTH AMERICA *

Caribbean and South American police forces.
Modes: USB and LSB

I am well aware that this overview is not complete. Corrections and
additional info is always welcome!

- Argentina: 2643.4, 4510, 4575, 4964.9, 5365, 5591.8, 5735, 5946.7,
6920, 6960, 7780, 7942, 8050, 8636, 8793, 9215, 12120 kHz.

Identified stations:

Policia Federal Provincia Chubut (Patagonia)
Policia Federal Provincia Santiago del Estero
Policia Federal Provincia La Pampa
Policia Federal Provincia Salta
Policia Federal Provincia Rio Negro
Policia Antidroga (FELCN)

Call sign: AY630

- Bolivia: 5732 kHz

- Paraguay: 9050 kHz

- Peru: 8443 kHz

- Venezuela: 8130 kHz

- Caribbean emergency network: mode USB, freq. 7850 kHz

This disaster preparedness net includes Red Cross stations as well
as HAM and defense stations, coast guard and meteo stations. Most of
them are only on the air when there is a disaster on hand (hurricane
season). The police forces of Dominica, Monserrat, Antigua, Barbados,
St.Vincent, St.Kitts & Nevis, Grenada, St.Lucia, Anguilla, Guyana,
Trinidad & Tobago, all participating in this network, are also using
this net for police traffic.

- Mexico: 7790, 10130, 10140, 10150 kHz.

The Mexican net on 7790 has in the past been identified as the
Federal Highway police. Other frequencies that have been reported are
on/near 10130, 10140 and 10150 kHz, but 7790 kHz is by far the busiest.
Call signs used: 132, 154, 163, 165, 176, 181, 183, 187.

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* OTHER STATIONS *

Truckers: 7000 (language: French), 24905, 28024 kHz.

Pirates: 7000, 14060, 14095, 14100, 18100, 18102.6, 21000, 21100, 21300 kHz; mainly from Indonesia / South East Asia. 21100 kHz: Greek pirates.

Fishing ships: 7000, 10150, 13998.8, 14001.4, 14020, 14050, 21022, 21091, 21100 kHz, (languages: Scandinavian language, Portuguese, Spanish, Arabic, Greek). 7036 kHz: fishing ships from N. Africa.

Fish net beacons: 1804 kHz: DU2 1805 kHz: 3RRJ
 1813 kHz: 3RSH 1814 kHz: 3RTV
 1814 kHz: 3JRK 1815 kHz: 3TAU
 1816 kHz: WU4 1817 kHz: CYJ
 1822 kHz: 3RPD 1823 kHz: NB8
 1826 kHz: 3ALX 1828 kHz: 3NQA
 1829 kHz: 3SXT 1834 kHz: JW3
 1845 kHz: 3RSU

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* NEW HF BEACON *

I found the following in the RSGB news bulletin. I have heard the beacon a couple of times with a fair signal.

<http://www.rsgb-hfc.org.uk/5mhz.htm>

"The 5MHz beacon, GB3RAL, is now operational using a temporary aerial, and awaiting a more permanent aerial installation. The beacon transmits every 15 minutes on channel FC, 5290 kHz, based upon the hour as a datum. The sequence is a call sign, followed by a long tone at full power and then nine power steps, each -6dB relative to the last. The power steps are repeated twice, and then there is a 30-second sounder sequence of half-milli-second pulses at 200Hz repetition rate. Amateurs, with or without 5MHz Novs, are invited to send reception reports using the station logging form, preferably electronically rather than handwritten; this is available, along with guidance on reporting, on the 5MHz website."

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* ARMED FORCES DAYS *

The US armed forces days did go by practically unnoticed by our members. I did only see two logs on the mailing list.

AEA (43rd Signal Battalion, Edingen, Germany) was scheduled to be on the air on 6999 and 13993 kHz but I haven't seen any reports. The only stations that were reported were American stations AAC/KY, WUG-231/AR, AIR/DC, NAV-4/IL, NBL/CT, NAV/VA.

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* CFARS *

When I read Don's log of a CFARS net on 14452 kHz, I had to send a note to the mailing list. I have often tuned in to the CFARS stations in the 1990's but lost them completely. Apparently I am not the only one. Eric (ex CFARS operator, call sign CIW-305) sent the following reaction to the WUN mailing list:

"I used to be part of the CFARS network (CIW-305). I have carefully watched a lot of the freqs that I used to work but

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they have gone silent. I am to understand that there is some activity on 14452. however haven't personally heard anything. I rather suspect that the Internet has dealt this service a death blow. The prime task of CFARS over the years was point to point phone patch services between primarily the Middle East peace keeping contingents and the Canadian mainland with the very odd text message thrown in. In the years that I was involved I never once heard an aircraft although I do believe that they had the right to use the service. I worked but a handful of ships which is not surprising as most Canadian commanders looked on CFARS (and the amateur service as a whole) with skepticism and a degree of disdain. Needless to say they certainly did not encourage it's usage and in most cases would not allow an amateur service to operate from their command. On a different subject, we never used data of any sort and were strictly sideband and very, very limited CW. I finished with the CFARS group in 1994 and of course from a data perspective the only real common mode at the time was AX.25 which again CFARS did not use to my knowledge. Perhaps there are other fellows (Canadian based ex CFARS) that could add their comments."

Thank you very much for your comments, Eric. Needless to say that we would like to hear from others CFARS operators as well. Don't hesitate and write, ladies and gentlemen!

Although I fear that Eric is right and CFARS has gone down the drain, I have listed the known CFARS frequencies below. Just in case..... Should you copy a CFARS station, be sure to tell us about it.

Alpha	6978.5	Bravo	14386.0
Charlie	14460.0	Delta	14463.0
Echo	14446.5	Foxtrot	20971.5
Golf	20963.5	Hotel	29715.0
Juliet	14454.0	Kilo	14449.5
Lima	20977.5	Mike	13954.0
Whiskey	6982.5	X-ray	6962.5
Yankee	4052.5	Zulu	4023.5

Thanks to the Northern Alberta Radio Club (<http://narc.net>) for the above frequency list. There is a large amount of CFARS information at http://www3.sympatico.ca/gunslinger/eng_index.htm

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* DX-TUNERS *

Many of you have heard of Java Radio, now DX-Tuners. This network gives you the opportunity to use remote receivers in a number of countries. You can tune in to stations that you normally cannot hear. It is NOT internet radio as some say, but real radios with QRM, fading, etc. Yes, you need an internet connection to play with the remote receivers, but that is the only thing that Internet Radio and DX-Tuners have in common.

According to their latest newsletter, the network now features 51 DX-Tuner sites in 10 countries. In the past few months new radios have become available online, including: Dubai (UAE), Nepal (Kathmandu), Koeln, Stuttgart (Germany), ACARS (UK), Washington D.C., Philadelphia, Maryland, Long Beach and Texas (USA).

Check <http://www.dxtuners.com> for more info.

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* SL8SUB *

I found this in the ARRL newsletter:

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Submarine-based ham station to be on the air: A ham station aboard the Swedish submarine HMS Uppland, SL8SUB, will be on the air this weekend (22/23 May) to mark the 100th anniversary of the Swedish Navy's submarine service. Operation will be on CW and SSB, HF and VHF. This will mark the first-ever ham operation from a Swedish sub. (source: The Daily DX)

Costas told me that he has worked the submarine on 14245 kHz SSB on Saturday. A nice one, Costas!

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That wraps it up for this month. Please, flood my mailbox with logs and dx news. It is most welcome!!!

=====

WUN LOGS COLUMN

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May 2004

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Edited by Eddie Bellerby (edward.bellerby@btinternet.com)
ably assisted by the following logs collectors:-
Jim Dunnett mail@sideband.fsnet.co.uk
Bob Yellen byellen250@charter.net
Steve J. Walker stevew@bucks.net

=====

00018.1 RDL: Russian Military Via Krasnodar VLF Site 0958
36-50/50/65 One short routine T600 message then long
series of Morse Us at 1000z. (12May04) (RGA)
00040.4 src : SN Ruda 2100 cw 5lg 2102: ends with nnnn
20-Mai-04 (wp3)
00082.8 MKL: RAF 2 Group MATELO Bcast 1930 NATO-75/75/70 Routine
blocked msgs. (22Apr04) (RGA)
00082.8 MKL: RAF No 2 Group MATELO Bcast 1005 NATO-75/75/70
EXPECTED. No activity on any frequency
(82.8/4730/6757/8986/11211/23236). Crimond LF back on the
air by 1130z but no HF activity. (12May04) (RGA)
00082.8 MKL: RAF No 2 Group MATELO Bcast via Crimond LF Site SCO
1322 NATO-75/75/70 Routine messages. (17May04) (RGA)
00147.3 DDH47: Meteo Hamburg via Pinneberg 1317 RTTY/50/85 SMRS49
EDZW 171200. (17May04) (RGA)
00150.0 unid: am / (04/May/2004) (anonymous)
00309 WW: Antwerpen BEL 2150 CW. (17-4-04) (AB)
00311 LMA: Lima D 2147 CW. (17-4-04) (AB)
00315 STK: Stadskanaal HOL 2141 CW. (17-4-04) (AB)
00330.5 NANCY: OCHEY AB FAF 0706 CW Apr23 04 ML
00336.5 LXI: LUXEUIL AB FAF 0658 CW Apr23 04 ML
00339.0 NANCY: ESSEY AB FAF 0707 CW Apr23 04 ML
00354.0 NANCY: LORRAINE airport 0705 CW Apr23 04 ML
00370.0 BESANCON: airfield 0708 CW Apr23 04 ML
00419.0 MIRECOURT: airfield 0702 CW Apr23 04 ML
00421 BUR: Burnham G 2138 CW. (17-4-04) (AB)
00473 FHA: Friedrichshafen D 2136 CW. (17-4-04) (AB)
00474 RZ: Rzeszow POL 2134 CW. (17-4-04) (AB)
00525 CH: Chemiakhiv UKR 1936 CW. (17-4-04) (AB)
02187.5 ---: SHIP UNID 0233 DSC 100/E/170 Distress calls. 5 error

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free fm MMSI 450311000 - undesignated distress, MID unallocated, and posn given as 99.99 999.99 - someone playing silly B's! (26/Apr)(DW)

02187.5 ---: SHIP UNID 0234 DSC 100/E/170 Distress call from MMSI 228162800 undesignated. Posn 99.99 999.99. Checksum ok. Call rptd 0422.23 and 0422.39z (05/May)(DW)

02187.5 9HPD7: Maltese Ship Athloforos 1948 GMDSS RQs JRCC Den Helder for safety check. Den Helder BQs. (30Apr04) (RGA)

02187.5 GUBJ: British Ship Bue Jura 2012 GMDSS Routine request for USB simplex telephone call to unid ship with MMSI 233483000 on 4351 kHz. (30Apr04) (RGA)

02187.5 J8VM5: SHIP BALTIC TRADER 0002 DSC 100/E/170 Distress call. MMSI376539000 posn 56.45N 18.25E. Undesignated distress. 6 calls 0002z thru 0018z, last three err free. (24/Apr)(DW)

02187.5 J8VM5: SHIP BALTIC TRADER 2339 DSC 100/E/170 Distress call MMSI376539000 psn 56.39N 18.10E undesig distress 4 calls 2ere/free3 calls @2340/41z (56.41N 18.13E) all er/free. 13 calls 2345 (56.41N 18.15E) thru 2358z (56.43N 18.19E) 2 corrupt (23/Apr)(DW)

02187.5 SWYB: Greek Ship Devon 2004 GMDSS RQs MRCC Finisterre for safety check. Finisterre BQs. (30Apr04) (RGA)

02187.5 UCRA: SHIP VOLGA-35 0059 DSC 100/E/170 Distress call from MMSI 273342000 undesignated psn lat 58.08N 052.15E (Lat possibly corrupt) (02/May)(DW)

02226.0 UKCG: FALMOUTH? 1952 USB Apr17 04 ML

02289 : Unid Fishfone 2044 CRY-2001/USB Analogue scrambler. Male voices. (12May04) (RGA)

02370 : NATO Tactical Data System 2047 LIMK-11/2250/USB. (12May04) (RGA)

02370 : NATO Tactical Data System 2047 LINK-11/2250/USB. (12May04) (RGA)

02487 (Ships): RN Ship working Chan 02 to MTI 2051 NATO-75/75/850 Block msgs. (12May04) (RGA)

02618.5 GYA: Royal Navy G 2153 FAX wx chart. (08-05-04) (AB)

02761.0 OST: OSTENDE 0655 USB ee navig warnings Apr22 04 ML

02789 FUE: FN Brest 2055 RTTY/75/850 All de FUE RY/SG tests. (12May04) (RGA)

02808 : CIS Military 2056 MS-5/4800/USB Setup tones. No cipher. (12May04) (RGA)

02815 : Unid Fleet Bcast 2102 NATO-75/75/850 short block messages with ACF64 leadins. (12May04) (RGA)

02845 PBB: RNethN Den Helder 2106 RTTY/75/850 CARBs 02b 04a 06y. (12May04) (RGA)

03066 : NATO Tactical Data System 2109 LINK-11/2250/USB Intermittent mode. Varies between no pilot tone and steady pilot with tones across all chans. (12May04) (RGA)

03137 PLA: USAF Lajes Field AZR 2110 ALE/USB Sounding. (16May04) (RGA)

03336.1 "L": RNY St. Petersburg 0354 CW Marker (01/May/04) (KK)

03336.2 L: Unid ALB channel marker "L" near Tirana 2103 CW (08-05-04) (AB)

03338.5 : CIS Military 2115 MS-5/4800/DPSK/USB Cipher. (12May04) (RGA)

03348 NKDS: CIS Military 2125 CW Comms check with 8WS9 JKFA T1QW PPB3 A2P2 GOAS. (28Apr04) (RGA)

03390 MGJ: RN Fleet Bcast System 2117 RTTY/75/850 CARBs 02 04. Takes carrier off at end of string. (12May04) (RGA)

03531 REA4: Russian AF HQ Moscow 2141 CW 12210 sked to aircraft. //4357 7959. (12May04) (RGA)

03538 TVJA: CIS Military 1853 CW Passing 5LG msgs in amateur radio QRM. ... LZaGH WIPYI = 218 K. (28Apr04) (RGA)

03658 V: Russian Navy. Khiva KAZ channel marker 2107 CW (08-05-04) (AB)

03740.0 LZW: Varna Radio, BUL 1905 USB Navigational warning male voice eng./ bulg. (01/May/04)(KK)

03756 : Russian Army RUS channel marker (pip) 2100 CW (08-05-04) (AB)

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03764.5 PBB: Navy Den Helder, NTH 1335 Rtty 75/850 Channelmarker "02B 04A00 06B 1340" !5 Min. dif. (29/Apr/04)(KK)

03828.9 : Russian Army RUS channel marker (squeaky wheel) 2105 USB (08-05-04) (AB)

03829 DOK4: CIS Mil 2245 CW 5FG BCST msg to 5EFC, ending "... 64842 52726 03306 80794 05069 AR" (04May04) (JC5)

03832 L5NM: CIS Mil 2258 CW See 04051. (03May04) (JC5)

03832 NBGY: CIS Mil 0137 CW see 04051. P11Q also heard. (04May04) (JC5)

03832 ZTO2: CIS Military 1757 CW 1FIQ de ZTO2 QRV K. wkg 1FIQ on 4051. (30Apr04) (RGA)

03835 HL2V: Russian Military 2112 CW Bcast msg: HL2V QTC 462 30 7 0110 462 = 710 = AAAAA BBBB aGLUT UUUhh hPPPA AAZZZ KKKuu uZZZU UUPPP UZOQW KRhRR ... (End lost in STANAG-4285 QRM). This is LDBO using an alternative call. (07May04) (RGA)

03835 LDBO: Russian Military Bcast 1859 CW Ends 5LG message ouWuu PUPEP 170 AR. At 2100z sends VVV LDBO AR twice. (07May04) (RGA)

03844 S9CV: CIS Military 2012 CW Comms check with WWP5 XJWB WEXR 7A10. (06May04) (RGA)

03855 DDH3: Hamburg Meteo D 2141 FAX wx chart. (08-05-04) (AB)

03889 SBU2: CIS Military 2017 CW SBU2 QQQ5 AL5? I4NZ YZWZ OX9Q Z6MP VSD9 respond to comms check from prob 4SGA. Later I4NZ gives 4SGA QRV for msg gets reptns and reads back nr 925 (5LGs). DTG missed. (07May04) (RGA)

03899 ZX4M: Russian Military 2059 CW Msg for D47G in bad QRN: 123 5? 29 0052 123 = 685 = ?RVSZ I?P?Z ... (End missed). (28Apr04) (RGA)

03954 QE6S: CIS Military 2130 CW QE6S and 9XDU heard repeating their calls. Nothing further. (28Apr04) (RGA)

04.152,5 dhj59 : GN wilhelmshaven 0611 usb/rtt in tfc with drax (female op at dhj59) 20-Mai-04 (wp3)

04.152,5 drax : FGS "Gorch Fock" 0611 usb in tfc with dhj59 20-Mai-04 (wp3)

04.854,0 : GAF ? 1855 arq-e/85,67/165/4 20-Mai-04 (wp3)

04051 1FIQ: CIS Military 1756 CW ZTO2 de 1FIQ QTC K. Not hearing correspondent replying on QSX 3832. Eventually hears. 1FIQ 198 ?6 30 2?1? 128 = 851 = 11111 72601 ... (end lost - QRM). (30Apr04) (RGA)

04051 HXMY: CIS Mil 0002 CW "ZVZ ZGZ ZQQ QYT1" to DRH2. (via Stockholm DX-TUNERS remote receiver) (03May04) (JC5)

04051 MISG: CIS Mil 0137 CW 5FG to NBGY, who answers on 03832 (via Rommele DX-TUNERS remote receiver) (04May04) (JC5)

04051 TU9D: CIS Mil 2319 CW 5LG to 4HAA (via Stockholm DX-TUNERS remote receiver) (05May04) (JC5)

04051 V3V9: CIS Mil 2258 CW 5LG msg to L5NM, who answers on 3832 with "L5NM R 288 K" (via Stockholm DX-TUNERS remote receiver) (03May04) (JC5)

04051 VYMP: CIS Mil 2256 CW 5LG msg to P11Q, who answers on 03832. (via Stockholm DX-TUNERS remote receiver) (04May04) (JC5)

04051 ZFNV: CIS Mil 2328 CW 5LG to MRDS who responds on 3832 with "MRDS R 393 QTC K" and sends a 54 group msg to ZFNV. (via Rommele DX-TUNERS remote receiver) (05May04) (JC5)

04075.9 unid presumed CIS station 18:27 F1B/150/500 encrypted traffic (21 May PPA)

04100 : Russian Military 1832 RUS-75/75/165 Cipher. Some revs. (22Apr04) (RGA)

04117.5 : Prob Russian Military UNID/100/160 ACF=0 encrypted. (22Apr04) (RGA)

04137 JPQ: Unid 2110 ALE/USB calls FRZ. At 2113z ALV calls JPQ. (28Apr04) (RGA)

04219 TAH: Istanbul Radio TUR 1838 ARQ w/Morse ID. (22Apr04) (RGA)

04232.8 NMF: USCG Boston 0331 FAX/120/576 sfc Anal //6438.2 (02/May/05) (RH2)

04270.5 PWZ:? BN Rio? 1620 GW-PACTOR/100/190 BN unlisted this

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04271 freq but logged 2khz lower down. (21/Apr/04) (RH2)
CFH: CF Halifax/0140 RTTY/75/850 wx forecasts.
(05/May/05) (RH2)

04273.5 HLF: Seoul R 1550 GW/PACTOR Loud signal. (05/May/05) (RH2)
04274 HLF: Seoul R 1555 GW-PACTOR/100/200 V. loud marker.
(21/Apr/04) (RH2)

04295 FUE: FN Brest 0340 RTTY/75/850 RY/ID Test tape.
(02/May/05) (RH2)

04325.8 R: Russian Army Izhevsk RUS channel marker 2100 CW
(08-05-04) (AB)

04346 NMC: USCG Camspac 0329 FAX/120/576 fair chart.
(02/May/05) (RH2)

04363.0 3AC4: MONACO 0659 USB ee om calling Apr22 04 ML
04363.0 3AC4: MONACO 0700 USB ee/fren om calling H9GM africa
queen Apr22 04 ML

04404.9 : Unid 1852 REVS/41/400 Poor bias. MS ratio poor.
(22Apr04) (RGA)

04421 : Russian Military 1853 81-81/81/190 cipher.
(22Apr04) (RGA)

04434 : Russian Military 1855 MS-5/4800/DPSK/USB cipher.
(22Apr04) (RGA)

04446 RDL: Russian Military 1857 36-50/50/210 At least 3 T600
msgs then routine morse msg RDL 76766 20389. Prob // 18.1
(22Apr04) (RGA)

04456 4IC5: Russian Military 2121 CW Comms check with 4RSL VSD9
LZTR AXVX. (02May04) (RGA)

04479 SKJF: CIS Military 1947 CW NH3J de SKJF QRVK. (receiving
msg) BK RPT 5 K. SKJF R 866 K. (12May04) (RGA)

04484.0 unid: 0703 CW?? Apr22 04 ML
04503 B9Y9: Russian Military 1908 CW Msg for NKT6: B9Y9 417 51
22 2230 417 = 22726 45111 ... 66630 22050 K. Gives reptns
NKT6 give NKT6 R 417 K. Simplex circuit. (22Apr04) (RGA)

04505 YA51: Algerian MOI 2119 ALE/USB calls YA50.
(16May04) (RGA)

04530 S4S000OGBMRM: Unid 2105 ALE/USB calls V1S000EKCOPER/Unid.
(07May04) (RGA)

04555.5 fishermen: 2004 USB french d/x Apr17 04 ML

04610 GYA: Royal Navy G wx chart 2153 FAX (08-05-04) (AB)

04613.0 FF: unlocated 0705 USB fren om "poste de mentor
??lundi,mardi...1,2,3... émission pour le réglage de
votre recepteur ..."Apr22 04 ML

04625 : Russian Army RUS channel marker (buzzer) 2102 AM
(08-05-04) (AB)

04663.0 TASCHKENT: VM 2013 USB y1 russ wx Apr17 04 ML

04683 : Unid FishFone 1920 SAILOR-CRYPT/USB Analogue scrambler.
Male voices. (22Apr04) (RGA)

04711 : RN Fleet Broadcast 1926 NATO-75/75/850 Blocked msgs.
//9000 & 11123. (22Apr04) (RGA)

04717.0 fishermen: 0707 USB span or similar d/x Apr22 04 ML

04721 CRO: USAF Croughton AFB GBR 2107 ALE/USB Sounding. Also
seen on 3137. (07May04) (RGA)

04732 : Unid Broadcast/Ship Channel 1935 NATO-75/75/850 Blocked
messages. Long periods of inactivity. (22Apr04) (RGA)

04770.0 fishermen: 0658 USB french d/x Apr21 04 ML

04828.0 P: Rus. Navy Kaliningrad 1549 CW marker (29/Apr/04)(KK)

04836.0 unid: 0708 USB slav numbers Apr22 04 ML

04841 OWF: RDAF Skrydrstup 2115 ALE/USB calls OWC/Unid RDAF.
(28Apr04) (RGA)

04877.6 : Unid 0838 PACTOR?/228.6/200 No mode ID or decode. See
also 5876 kHz. (11May04) (RGA)

04880 UNID 2240 AM ULX 2, no message 10/May/2004 (TR)

04942 : Russian Military 1945 81-81/81/200 Opchat in
differentially keyed slow revs. No cipher activity. QSX
very probably 5211. (22Apr04) (RGA)

05090 UNID 2233 AM call up JSR message group 93 text:
...azaxf zzyfn ylrhq daqar wfowv... 10/May/2004 (TR)

05101 TF185: 185 Avn Co US Army Deployed Iraq 2145 ALE/USB
Sounding. (16May04) (RGA)

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05117.0 BORA: Alban MOI 0444 USB ALE c1g DRINI (01/May/04) (KK)
05140 5558: N.African Net 2132 ALE/USB Sounding/
(16May04) (RGA)
05153.9 S: Russian Navy Arkhangelsk RUS cluster beacon 2120 CW
(08-05-04) (AB)
05196.0 unid: prob ukr? 0450 Rtty 100Bd/254Hz (test
sentence)"ZCZC QJH USDPYAYF RYRY.." (01/May/04) (KK)
05255 240: Prob Chinese Military 2134 ALE/USB Calls 103.
(07May04) (RGA)
05267.0 unid: 0712 USB ee d/x w5P ?? Apr22 04 ML
05290 GB3RAL: R5GB 5 MHZ Prop Beacon 1545 CW Call Power-stepped
tones sounder sequence. (05May04) (RGA)
05314.0 numbers: 0713 USB russian? Apr22 04 ML
05349 SPI324: Polish Military 2201 ALE/USB Calls
LCR154/Military HQ Warsaw. (07May04) (RGA)
05357.6 DDA64: DWD Offenbach GER 0900 RTTY/100/170 Until 0912z
works at least 19 meteo stations who send test sequences
and/or dummy weather messages. More info to WUN list
later. (11May04) (RGA)
05405 Zero: British Army NCS 1820 USB wkg B10 and B42A, later
2330z Zero with L30, O42A. (11/May/04) (ALF)
05406 CLC51: Comms Logistic Centre 51 Jungle Inf Bn Venezuelan
Army 2158 ALE/USB Calls PCRC5/Rear Cmd Post (Comms) 5 Inf
Div Ciudad Bolivar Venezuelan Army. (07May04) (RGA)
05406 CLC51: Comms Logistic Centre 51 Jungle Inf Bn Venezuelan
Army 2203 ALE/USB Calls SCLC512/512 Jungle Inf Bn
Venezuelan Army. (07May04) (RGA)
05407 XXTJ: CIS Military 1959 CW Comms check with 3LPK 6I5X
NU1D. QSX not known. (28Apr04) (RGA)
05415.5 FF?: 0706 USB & dig short trans fren d/x "have you been
in contactwith paris..."Apr21 04 ML
05465.8 R: MX Beacon 1956 CW Izhevsk. (22Apr04) (RGA)
05465.8 R: Russian Army Izhevsk RUS channel marker 2120 CW
(08-05-04) (AB)
05466 : NATO Tactical Data System 1955 LINK-11/2250/USB.
(22Apr04) (RGA)
05476 7AFF: CIS Military 1709 CW 2IQI de 7AFF K. Nothing
further. (12May04) (RGA)
05547 VP-BDN: Aeroflot A319 Flt SU0108 1744 HFDL Posn 5034N
01440E to ARINC Shannon. (28Apr04) (RGA)
05595 : Unid Broadcast/Ship Channel 1959 NATO-75/75/850 Blocked
messages. Long periods off-air. No ACF64 headers.
(22Apr04) (RGA)
05616.0 NAT ATC: 0710 USB work REACH 5250 Apr21 04 ML
05649.0 NAT ATC: 0717 USB work speedbird 116/ new york - london
/Apr22 04 ML
05687 GERMAN NAVY 4733: 1249 USB wkg DHM95 (GAF Muenster)
request to forward "operation normal for callsign WHALE
1"-message to "Maritime Control Stavanger".
(06/May/04) (ALF)
05690 RESCUE 1712: 0029 USB w/pp via CAMSLANT Miami Op's re
RTbing Gitmo so as to perform a first light search in the
morning. (24Apr04) (RB)
05696 SHARK 11 : 2354 USB wkg ORKO? 11 re have their vessel on
radio, request they take a posn 500-1000 yards off SHARK
11's port quarter when they are on scene. (24Apr04) (RB)
05696 TERMINATOR 88: C1g/wkg SHARK 11 0108 USB British accent
SHARK11 probably USCGC Forward WMEC-911) if they are in
contact w/PANTHER. Passed off deck 0057z and est on task
time 0145z for relay. SHARK 11 used callsign JAVELIN 88
in responding then TERMINATOR 88 began using JAVELIN 88.
Later requested wx for KMCF. (12Apr04) (RB)
05696 USCGC Eagle: (WIX-327) 2345 USB CG's masted training
barque wkg CAMSLANT re no joy on broadcast on 6 or 8
megs, passes op's normal. Posn 39-37.94N, 073-21.66W.
Next contact at 0400z. (25Apr04) (RB)
05702 IKFSPR: USAF SIPRNet Stn Reykjavik ICE 2224 ALE/USB
Sounding. JDGSPR/ Diego Garcia sounds also.

(07May04) (RGA)
05702 JDGSPR: USAF SIPRNet Stn Diego Garcia BIOT 2234 ALE/USB Sounding. (16May04) (RGA)
05708 ICZ: US NAS Sigonella ITA 2215 ALE/USB Sounding. (07May04) (RGA)
05751.0 BASE1: UNID 0848 MIL.STD 188-141A ALE on usb. CIng MBL1 [AMD]Dial4. Also at 0901 0903 0942 0948 1015 1024 1056 and 1105z (27/Apr)(DW)
05788.0 68: DANISH ARMY ?LOC 1431 MIL.STD 188-141A ALE on usb. CIng DK11/collective call (27/Apr)(DW)
05797.0 B08: UNID 1325 MIL.STD 188-141A ALE on usb. CIng BNET. 1335 cIng B03 (27/Apr)(DW)
05807.0 zk1f: fax / (02/May/2004) (new zealand)
05876 : Unid 0837 PACTOR?/228.6/200 Unable to identify or decode. Could these be DWD associated? Also on 4877.6 kHz. (11May04) (RGA)
05924.0 #'s: 1209z May 9, 2004 LSB YL rapid delivery, English 3 figure groups, repeated [SN]
05990 : Unid 0900 UNID/10000/FAST Very fast and loud broadband signal. (11May04) (RGA)
06.777,2 dhj59 : GN wilhelmshaven 0619 rtt modem-tfc was parallel to 4152,5 in qso with drax on 4152.5 usb-answers only on 4152,5 20-Mai-04 (wp3)
06.803,5 : unid rus 1117 81-81/81/250 20-Mai-04 (wp3)
06.868,0 : 1120 rttty 50/495 rryryr without id then into unid 50/495 scr tfc partly handtyped 20-Mai-04 (wp3)
06.902,5 kwt93 : unid 1338 MIL-STD 188/141A THIS IS: KWT93@ 20-Mai-04 (wp3)
06246.9 (Ships): RN warship Chan 06P 1416 NATO-75/75/850 Block msgs with ACF64 headers. (12May04) (RGA)
06310.0 fishermen: 0720 USB fren / they have seen the queen mary 2 /Apr22 04ML
06316.2 IDRx: Italian Navy Roma, I 1152 USB/STANAG 4285 2400Bd PSK, channel availability tfc. using 300 bps/long interleaving (24Apr04) (LDO)
06329 RHC93: Unid Russian Military 2009 CW wkg RIR2 with scrambled morse setup ZZV ZZD3 ZZD3 K. ZDS ZZT. LVVMMMLKLMVKLVLL ... IMRX DRUACU.. Simplex circuit. (22Apr04) (RGA)
06331.5 IDRx: Italian Navy Roma, I 1907 USB/STANAG 4285 2400Bd PSK, channel availability tfc. using 600 bps/long interleaving (14May04) (LDO)
06340.5 NMF: USCG Boston USA wx chart 2148 FAX (08-05-04) (AB)
06348 FUE: FN Brest 2022 RTTY/150/850 Test idlers. (08May04) (RGA)
06371 GYU: RN Gibraltar 0235 RTTY/75/170R w/ID, numbers. (14 May 04) (RB4)
06427 : NATO Tactical Data System 2014 LINK-11/2250/USB. In odd repetitive mode. MIL-STD-188-203. TADIL-A. (08May04) (RGA)
06448.0 #'s: 1206z May 9, 2004 LSB YL rapid delivery, English 3 figure groups, repeated [SN]
06449.7 PWZ: BN Rio 2210 RTTY/75/850 "Avisos Coseiros em Vigor." (21/Apr/04) (RH2)
06457.7 Unid: SS Navrad 0226 RTTY/100/850 Crypto. //4278.7 (08/May/04) (RH2)
06489.4 Unid: RN/NATO? 0535 RTTY/75/850 crypto. No VMGT id seen. (09/May/04) (RH2)
06490 LOR: AN Puerto Belgrano 0320 RTTY/75/170 Navwngs/SS. (02/May/05) (RH2)
06491 LOR: AN Puerto Belgrano 2220 RTTY/75/170 5LG. (20/Apr/04) (RH2)
06492 DMJ: Indian Police 1220 PACKET/300/200 DMJ>KP4> RR0,P,.DMJ>KP4>I05,C,f0:...LD VHF SETS ARE DEPLOYED TO THE ZONAL/SECTOR OFFICERS AAA F.F.O...DMJ>KP4> I06,P,f0:... (25Apr04) (IB)
06496.5 CFH: CF HalifAX/0312 FAX/120/576 sfc anal //4271 (02/May/05) (RH2)

06496.5 CFH: CF Halifax 0208 FAX/120/576 Clean chart. //4271.0
(08/May/04) (RH2)

06507.1 VTP: IN Vishakhapatnam 2011 RTTY/50/1150 Marker. Shift is
rather wide! (08May04) (RGA)

06617.0 MOSCOW VM: 2014 USB russ y1 wx Apr17 04 ML

06697 BASE LINE(?): 28-char EAM 2330 USB 2AVVIP over the
ANDREWS 2330z EAM rebroadcast and simulcasting on at
least 8992 and 11244 with nothing heard on 13155.
(13 May 04) (JH)

06697 BASE LINE(?): EAM Bcast 2337 USB 2AVVIP simulcast on at
least 892 and 11244 with nothing heard on 13155.
H+07/h+37 activity. (13 May 04) (JH)

06697 BASE PAY(?): EAM Bcast 1950 USB 2AXDHS simulcast 6697
with nothing heard on 11244 or 13155. The same freqs were
active at 1955z with same. H+25/h+55 activity.
(10 May 04) (JH)

06697 BIG SHOW: EAM Bcasts 0107 USB (Pre-0000z NEON LAMP)
ZV4ROP and ZVFN3N simulcast on at least 8992 and 11244
with nothing heard on 13155. H+07/h+37 activity.
(18 May 04) (JH)

06697 CARD SHARE(?): 22-char EAM 0325 USB (Maybe CAR SHARE)
2ADSGY and simulcasting same on at least 8992 and 11244
with nothing heard on 13155. H+25/h+55 activity.
(13 May 04) (JH)

06697 GUN RACK: 28-char EAM 1835 USB K6SJCL simulcast on 8992
11244 and 13155. (30 Apr 04) (JH)

06697 LONG TERM: 20-char EAM 1705 USB 4EESNW simulcast 8992,
11244 and 13155. (16 May 04) (JH)

06697 NEON LAMP: 28-char EAM 2330 USB ZVFN3N simulcast 8992
11244 and 13155. (17 May 04) (JH)

06697 NEON LAMP: EAM Bcast 2307 USB 4EN5VF simulcast 8992 11244
and 13155. He ended his xmsn with the "standing by for
traffic" statement (x2). (17 May 04) (JH)

06697 RED ALDER: 28-char EAM 0231 USB 2AN7ZH. Active earlier at
0207z with 2AHRME and 2AVVIP rebroadcasts. Long lived
activity this local night. (14 May 04) (JH)

06697 RED ALDER: EAM Bcast 0007 USB (New day callsign). 2AVVIP
simulcast on at least 8992 with nothing heard on 11244 or
13155. H+07/h+37 activity. (14 May 04) (JH)

06697 ROSE BUSH(?): 28-char EAM 0137 USB K6PRV3 simulcast on at
least 11244 and 13155 with nothing heard on 8992.
(30 Apr 04) (JH)

06703 3SY: Enigma? 1600 CW Fair copy sending traffic.
(02May04) (AB2)

06703.0 3SY: 1600 CW / traffic (02/May/2004) (tundra monitor)

06712 D-ALCN: Lufthansa Cargo MD11F Flt LH8390 2154 HFDL at
4836N 01153E. (12May04) (RGA)

06712 N557TZ: American Transair B757 Flt TZ4809 2149 HFDL At
4831N 01347E. (12May04) (RGA)

06712 SU0123: Aeroflot Flt 2131 HFDL Posn report to ARINC
Reykjavik 4821N 01147E. (12May04) (RGA)

06712 VP-BDK: Aeroflot A320 Flt SU0124 2207 HFDL Posn 5025N
01617E. (12May04) (RGA)

06712 VP-BWJ: Aeroflot A319 Flt SU0110 2212 HFDL Signs on to
ARINC Reykjavik. (12May04) (RGA)

06712 ZS-SXC: S.African Airways A340-300 Flt SA0203 2152 HFDL
At 0518S 00344E. ICAO ID 8F8D00. Brand new aircraft ex
F-WWJY. (12May04) (RGA)

067120 FAF: VILLACOUBLAY COTAM 0729 USB om fren flight to
washington Apr23 04 ML

06715 JNRSPR: USAF SIPRNet Stn Puerto Rico 2245 ALE/USB Also
heard PLASPR/Lajes and HAWSPR/Ascension. (16May04) (RGA)

06717 ANDREWS: Andrews AFB MD USA 0545 USB Sending traffic to
AMPERTURE. Seems ANDREWS is having problems on there in
was told to contact by line for new frequency.
(01May04) (CCC)

06721.0 290166: C-17 Globm. 99-0166 0646 USB ALE snd
(30Apr/04) (KK)

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06727 WHALE 1: German Navy Aircraft 1256 USB wkg JWT (Navy Stavanger, NOR), same aircraft before as German Navy 4733 on 5687 kHz wkg DHM95 with request to forward "operation normal for callsign WHALE 1"-message to "Maritime Control Stavanger". (06/May/04) (ALF)

06733 OGB: wkg IDR 2249 USB Radio check. (21Apr04) (AZ)

06733 2LN: wkg IDR 2245 USB Radio check. (21Apr04) (AZ)

06733 IDR: Italian Navy Rome 1704 USB wkg W3A with tracking details of vessels e.g. "KATHARINA /TMA/VALETTA/3622N 1806E/ ... ". (09/May/04) (ALF)

06754 WV: French Navy, Shore Station (=FWV ?) 1254 USB with FNY aircraft with pos.reps (06/May/04) (ALF)

06759 : Unid NATO/RN Bcast 2000 NATO-75/75/850 Blocked messages with ACF64 headers. MKL off frequency? (08May04) (RGA)

06777.0 unid presumed CIS station 18:20 ISB/OQPSK/1280 bps/1K4 undecodeble (21 May PPA)

06820.0 CENTR3: MFA BUCHAREST 055 MIL.STD 188-141A ALE on usb. Clng KOW. Also at 0557, 0603 (12/May)(DW)

06820.0 CENTR6: MFA BUCHAREST 0509 MIL.STD 188-141A ALE on usb. Clng ZOW. Also at 0522 (14/May)(DW)

06820.0 CENTR6: MFA BUCHAREST 1530 MIL.STD 188-141A ALE on usb. Clng ZOW (12/May)(DW)

06820.0 CENTR6: MFA BUCHAREST 1833 MIL.STD 188-141A ALE on usb. Clng ZOW. Also at 1835, 1839 (13/May)(DW)

06825.0 2452: Unid 0007 ALE/LSB clg 003 and 2456 (27/04/04) (AJP)

06830.0 unid presumed CIS station 18:14 USB/OQPSK/1280 bps/1K4 undecodeble (21 May PPA)

06834.0 GYA: RN NORTHWOOD 1918 FAX 120/576/N/800 Vri poor pix. Sfc prog for Mid-East. Beamed Gulf. (24/Apr)(DW)

06880 KN1: Poss Israeli AF 1940 ALE/USB Sounding. (08May04) (RGA)

06893.0 DRINI: Alban MOI 0343 USB ALE clg DIAMANTI (01/May/04) (KK)

069120 E10?: 1958 AM y1 KPA2 Apr17 04 ML

06929 8629+8691: Czech KFOR/net, CZE/SCG 0611 Rohde & Schwarz RS-ARQ 228.65Bd/170Hz, op chat in Czech using 8bit mode, signing off with "Preji pekny vikend" (14May04) (LDO)

06940.5 Unid:: Unid 0010 Piccolo 6 tones Royal Navy ? (27/04/04) (AJP)

06941.7 Unid: RN/NATO 1605 RTTY/75/850 Crypto - VMGJ id not seen. (05/May/05) (RH2)

06942 : Unid NATO/RN Broadcast 1500 NATO-75/850 Block messages with ACF64 headers. Thanks to Chris Smolinski for the frequency. (05May04) (RGA)

06956 8KY8: Russian Military 1800 CW AS3Y de 8KY8 QTC K. 8KY8 138 41 4 2138 138 bt 323 bt PPPPP ZZFFUE ... PRPEI 750 K. (04May04) (AB2)

06956 G1JT: Russian Military 1812 CW A3SY de G1JT QTC K. G1JT 631 40 4 2245 631 bt 323 bt FFFFF LAXTD (5LG) ... PRPEI 750 K. (04May04) (AB2)

06959 E03: Lincolnshire Poacher CYP id 24778 2100 USB (08-05-04) (AB)

07018 RIW: Russian Navy HQ Moscow RUS 2030 CW clg RJF94 (Naval Air Transport, Central Sector control station Moscow) and RJC66 (unid, tent. Naval Air) for QSA. (05/May/04) (ALF)

07019 RAL2: Russian Navy, tent. Baltic Fleet Shore Station 1600 CW wkg simplex with RHQ2 etc. for QSA-tfc. Intruder in HAM-Band ! (07/May/04) (DL8AAM)

07038.9 S: Russian Navy Arkhangelsk RUS 2120 CW cluster beacon (08-05-04) (AB)

07371.0 fishermen: 0738 USB span " a plenty of calamares...."Apr22 04 ML

07398.5 TB1: Argentine Navy 1720 USB SS TB1 w/E148, E134 and H002. Possible SARA stns. (Servicio Auxiliar de Radioaficionados de la Armada) ending family pp (26/04/04) (AJP)

07500 AVALLONE: GdF Bigliani-class V-series patrol boat "G4 Avallone", I 1009 USB/MIL-STD 188-141A, traffic to

"DIBARTOLO" (05May04) (LDO)
07500 CAGLIARI: GdF Cagliari, I 1249 USB/MIL-STD 188-141A, tfc. to "AVALLONE" (06May04) (LDO)
07500 CINI: GdF training vessel "Giorgio Cini", I 1350 USB/MIL-STD 188-141A, tfc. to "AVALLONE" (05May04) (LDO)
07500 DIBARTOLO: GdF Bigliani-class V-series patrol boat "G3 Di Bartolo", I 1013 USB/MIL-STD 188-141A, traffic to "AVALLONE" (05May04) (LDO)
07500 PALERMO: GdF Palermo, I 1501 USB/MIL-STD 188-141A, tfc. to "AVALLONE" (06May04) (LDO)
07537.5 CB2: Possible Brazilian Army 1750 ALE/USB clg 5 and LA2 every two hours (01/05/04) (AJP)
07565.0 unid maybe Russian meteo station 04:28 CIS14/96/500 encrypted tfc (21 May PPA)
07570.0 unid presumed Russian railway station 06:08 81-81/40,4/500 encryped (20 May PPA)
07610.0 unid maybe Russian meteo station 06:45 CIS14/96/500 encrypted acf=0 (20 May PPA)
07630.0 unid Russian station 06:54 F1B/100/500 (CIS ARQ) 15 bits data in burst mode with continious mark acf=56 (20 May PPA)
07653.9 unid presumed CIS station 18:25 F1B/150/500 encrypted traffic (21 May PPA)
07655.0 unid maybe Russian meteo station 03:57 CIS14/96/500 idling until 04:04 when start of traffic,daily schedule from Monday till Friday (21 May PPA)
07663.0 numbers: ?? 0803 USB ee alpha numbers Apr22 04 ML
07682.0 unid Russian military 07:12 USB/CIS12 (MS5) idling (20 May PPA)
07710 120: Prob Chinese Military 1919 ALE/USB calls 114. 130 calls 117. (08May04) (RGA)
07730 8EQ: Moroccan Gendarmerie 1910 ALE/USB calls 40A. (08May04) (RGA)
07775 S7SYNET3: UNID CE-2004 node, D? 0742 USB/MIL-STD 188-141A, tfc to YA69NET3 (06May04) (LDO)
07775 YA69NET3: UNID CE-2004 node, D? 1216 USB/MIL-STD 188-141A, tfc to S7SYNET3 (06May04) (LDO)
07780 AAA: Israeli AF 2054 ALE/USB Sounding. (28Apr04) (RGA)
07780.0 fishermen: 0805 USB dutch d/x Apr22 04 ML
07803.0 SPI324: Polish Mil 1120 USB ALE clg SNB813 (25/Apr/04) (KK)
07855.5 FDY: FAF Orléans 1404 RTTY/50/400 Bricks tests. (12May04) (RGA)
07880 DDK3: Hamburg Meteo D wx chart 2141 FAX (08-05-04) (AB)
07914 : Russian intelligence, RUS 2031 BAUDOT 200.33Bd/500Hz, broadcasting 17 FGS to UNID recipient (14May04) (LDO)
07947 : CIS Military 1954 RUS-75/75/500 Revs. QRJ3 K. OK QJB3 K and into cipher. (08May04) (RGA)
07959 REA4: AF HQ Moscow 1952 REVS/50/1000 Idling. // 3531 & 4357. (08May04) (RGA)
07959.0 REA4 AFHQ Moscow RUS 18:40 F1A 1000 5F message (21 May PPA)
07969 PAZ1: UNID CE-2004 node, ??? 0507 USB/MIL-STD 188-141A/MIL-STD 188-110A, tfc. to YA69 using Harris RF-67x0 software + STANAG 5066 protocol (14May04) (LDO)
07969 YA69: UNID CE-2004 node, ??? 0508 USB/MIL-STD 188-141A/MIL-STD 188-110A, tfc. to PAZ1 using Harris RF-67x0 software + STANAG 5066 protocol (14May04) (LDO)
07992 S85M: UNID CE-2004 node, D? 0834 USB/MIL-STD 188-141A, tfc to YE5Y (07May04) (LDO)
08.333,5 drfs : : FGS "Überherrn" M 1095 1230 usb qso dhj59 16-Mai-04 (wp3)
08009 UNID 2301 CW continously sending 'idmda riian diuan idmdariian diuan idmda riian diuna' followed by 'k k k' and then into groups of five with letters and cut numbers 12/May/2004 (TR)
08016.1 ACA: Ven.Area 0350 P-I/100Bd clg from HUB (01/May/04) (KK)

WUN-v10

08040 GYA 2231 FAX wx charts and wind prognosis with 120 RPM entitled 'FLEET WEATHER AND OCEANOGRAPHIC CENTRE, NORTHWOOD, ENGLAND' 18/May/2004 (TR)

08040 GYA: RN Northwood 0310 FAX w/exceptionally clear wefax. The signal is heard nightly but this was as good as local. (14 May 04) (RB4)

08057.7 : Cruisemail 0415 PAC-2 we have removed the beacon from the 5 MHZ station and now have moved it to 6768.0 MHZ USB. This beacon will remain until further also be the first station to go with full Pactor-3 mode for attachments, JPG's and ribs.= Thank you = Sysop = Cruisemail. (15Apr04) (AD)

08060.0 unknown: unid 2230 RTTY 50/496 starts each transmission with KRIPTOGRAMA BURAN (27/Apr/2004) (Th.Roth/Hamburg)

08072 Y8KT: UNID CE-2004 node, D? 1113 USB/MIL-STD 188-141A, tfc to LO79 (06May04) (LDO)

08140 BMF: Taipei Meteo. wx chart 2028 FAX (09-05-04) (AB)

08191.7 9MR: Malay Navrad 1612 RTTY/50/850 Admin tfc/EE followed by Exec orders/EE for "Exercise Bersama Shield". Unusual see MN tfc in EE! (08/May/04) (RH2)

08283 5006: Italian Carabinieri? Net 2105 ALE/USB calls 5008. (12May04) (RGA)

08303 LOR: AN Puerto Belgrano 0630 RTTY/75/170 Radiovisos Trafico Costero. (06/May/05) (RH2)

08328 : NATO Tactical Data System 1849 LINK-11/2250/USB MIL-STD-188-203. (08May04) (RGA)

08383.0 361: GEORGIAN MIL ?LOC 2339 MIL.STD 188-141A ALE on usb. C1ng 419, 470? (12/May)(DW)

08414.5 : MRC Boston/Norfolk USA 2323 GMDSS Relays apparent distress message allegedly from St. Vincent registered Baltic Trader/J8VM5 in undesignated distress at 5638N 01754E. (24Apr04) (APB)

08414.5 : MRCC Boston/Norfolk USA Acks probable bogus distress message from a unid ship with MMSI 377112000 allegedly in distress at 2017N 08430W. (22Apr04) (APB)

08414.5 : MRCC New Orleans/Norfolk USA 0648 GMDSS Relays undesignated distress message allegedly originating from Cypriot ship Pinos/P3NB9 allegedly in distress at 3451N 12745E. (12May04) (APB)

08414.5 : Unid Danish MRCC 0104 GMDSS Relays alleged undesignated distress message purporting to come from Russian vessel Volga-35/UCRA allegedly at 5808N 02013E. (02May04) (APB)

08414.5 : Unid MRCC 2108 GMDSS Relays apparent undesignated distress message allegedly from unid Korean ship using MMSI 44134800 at 1045N 11024E. (20Apr04) (APB)

08414.5 NMC: CAMSPAC Pt Reyes CA USA 1626 GMDSS Relays apparent distress message from vs1 Mawashi al Gaseem/9KWK indicating flooding. QTH given as 3504S 04843W. (22Apr04) (APB)

08414.5 NMF: USCG Boston MA USA 2344 GMDSS Relays apparent undesignated distress message from unknown Tuvaluese vessel using MMSI 572211301 from 0830S 17911E. (14May04) (APB)

08414.5 ZSC: MRCC Capetown SAF 0456 GMDSS Relays apparent distress message alleging fire and explosion from an unidentified ship using illegal MMSI 000000000. Posn given as 2838S 04021E. (28Apr04) (APB)

08415 UEOL: Russian Ship Guldrangur 1850 GMDSS Routine call to Volgo-Don-205/ UCWG giving posn as 7335N 01612E. (Reason for this?) (30Apr04) (RGA)

08416.5 L2C: PNA Buenos Aires 1500 FEC Idling for hours- no tfc. Same yesterday. (05/May/05) (RH2)

08417.5 XSV: TianjinRadio PRC 1853 ARQ w/Morse ID. (08May04) (RGA)

08427.5 A9M Hamala Radio 2315 SITOR with CW and SITOR 100Bd channel free marker 'de A9M TLX' 12/May/2004 (TR)

08427.75 NMN USCG Portsmouth VA 2322 SITOR with CW and SITOR 100 Bd channel free marker 'NMN' 12/May/2004 (TR)

08429.5 IDR/IGJ: Rome/Agusta Naval Raidio 1856 RTTY/75/850
Showing all input channels idle. (08May04) (RGA)

08435 XSQ: KwangchouRadio PRC 1859 ARQ w/Morse ID.
(08May04) (RGA)

08439 PBC: DN Goeree Island 0140 RTTY/75/850N w/ID, numbers.
(12 May 04) (RB4)

08439 PBC: RNethN Goree Island 1401 RTTY/75/850 CARBs. //6358.5
(12May04) (RGA)

08455 RFFMEA 2250 RTTY FN Naviter Sud Saissac idling at
75/850 with 'FAA DE RFFMEA ZNR UUUUU FM NAVIER FRANCE SUD
TO BATIMENTS BT NON PROTEGE MCA SVC TXT
RYRYRYRY/SGSGSGSGSG BT' 12/May/2004 (TR)

08455 RFFMEA: FN Naviter Sud Saissac 1359 RTTY/75/850 Idler
SVCs. (12May04) (RGA)

08464.7 : SS Navrad 0105 RTTY/75/850 Crypto. //6338
(06/May/05) (RH2)

08484.9 S: Russian Navy Arkhangelsk RUS 2120 CW Cluster beacon
08-05-04) (AB)

08551.5 CTP: Oeiras Palhais, POR 1543 Rtty 75/850 Channelmarker
"NAWS NAWS DE CTP CTP QSX 04 06 08 12 MHZ AR"
(29/Apr/04)(KK)

08621.0 #'s: 1154z May 9, 2004 LSB YL rapid delivery, English 3
figure groups, repeated [SN]

08636 HLW: SeoulRadio KOR 1915 CW QSX marker. (08May04) (RGA)

08677 CBV Playa Anchal Zonal Radio 2330 FAX wx fax with
shipping info for chilean waters 12/May/2004 (TR)

08716.0 unid: ship 0740 USB ee phone call to germany about pieces
for rotterdam Apr23 04 ML

08722.0 7TF: BOUFARIK 0800 USB fren special weather bulletin
Apr23 04 ML

08728.0 3AC8: MONACO 0721 USB fren wx Apr23 04 ML

08816.0 unid: 0835 CW?? Apr22 04 ML

08858 AA2: Israeli AF 2047 ALE/USB Sounding. (12May04) (RGA)

08858 AAA: Israeli AF 2018 ALE/USB Sounding. (12May04) (RGA)

08873 N' Djamena Aero 2343 USB working various aircraft and
advising as to flight levels 12/May/2004 (TR)

08888 Samara Volmet 2355 USB flight wx in Russian
12/May/2004 (TR)

08894 Adrar Aero 0000 USB working various aircraft in both
English and French 13/May/2004 (TR)

08894 Niamey Aero 0000 USB working various AIR FRANCE
aircraft in French 13/May/2004 (TR)

08903 Brazzaville Aero 0010 USB repeatedly calling an AIR
FRANCE flight for SELCAL check, no joy 13/May/2004 (TR)

08912 CAMSPAC: Point Reyes CA 0335 USB "kg 1700 for flight ops
normal. (13Apr04) (RB)

08912 JAVELIN 88: Clg PANTHER 0322 USB No joy. (13Apr04) (RB)

08939.0 VM MOSCOW: 1411 USB russ yl "murmansk..." Apr23 04 ML

08977 D-ALCF: Lufthansa Cargo MD11F Flt LH8189 1707 HFDL At
5504N 01203W. (16May04) (RGA)

08977 G-VFOX: Virgin Atlantic A340 'Silver Lady' Flt VS0009
1744 HFDL Signs on. (16May04) (RGA)

08977 LH8382: Lufthansa Cargo MD11F 1704 HFDL Posn report 61N
00852E to ARINC Reykjavik. (16May04) (RGA)

08977 N29129: Continental B757 1737 HFDL At 4921N 01229E.
(16May04) (RGA)

08977 N324UP: UPS B767 Flt UP6807 1740 HFDL Signs on.
(16May04) (RGA)

08977 UP6727: UPS Flt 1706 HFDL At 5337N 01225E.
(16May04) (RGA)

08977 VS813P: Virgin Atlantic Flt 1707 HFDL At 4943N 00004E.
(16May04) (RGA)

08982 ROCK BOTTOM SIERRA: 0510 USB wkg 1-JULIET INDIA, GOLF,
Zero GOLF, others. Passing spare group messages with
QSL's, with coordination traffic. Here several nights.
(21Apr04) (RB)

08982 ROCK BOTTOM SIERRA: Assume US Navy 0510 USB 1JA, GOLF, OG
and others. US and other accents. Passing spare group

09060 : NATO Tactical Data System 1924 LINK-11/2250/USB TADIL-A. (08May04) (RGA)

09065 690: Enigma E6 1740 AM Strong/readable. Sked 690. No message. Via Rommelle Sweden. (18Apr04) (CA)

09080 ZF1Z: Lithuanian CE-2004 node, LTU 0506 USB/AX.25 300Bd, traffic to Q2GK, FSK CF=9081.7 kHz, Combined Endeavor 2004 related (08May04) (LDO)

09110 HN1Z: Algerian MOI 2122 ALE/USB calls JU16. (17May04) (RGA)

09110 NMF: USCG Boston USA wx chart 2148 FAX (08-05-04) (AB)

09143 HWN?: Prob French Navy Bcast 1111 UNID/50/840 ACF=0 Encrypted. Freq from Michel Lacroix. There are many of these all over HF. (08May04) (RGA)

09153.0 unid: 0517 DSB / Female in Spanish with five-figure groups. Ended at 0543 UTC (19April2004) (Midwest USA)

09157 HEC: Globeradio Berne SWI 1410 GLOBEDATA Idling. (08May04) (RGA)

09158.0 Y8KT: NATO PFP? 1605 MIL.STD 188-141A ALE on usb. Clng DCV1 (06/May)(DW)

09168.0 1107: TAIWAN NAVY FRIGATE FFG-1107 2353 MIL.STD 188-141A ALE on usb. Sounding. (06/May)(DW)

09190.0 64B: unid 2319 USB ALE/MIL-188-141A clg CGA (24/Apr/04) (KK)

09190.0 BNF: unid 2325 USB ALE/MIL-188-141A clg CGA (24/Apr/04) (KK)

09200.0 GRASSY: Washington Gas & Light Comp., 2340 LSB ALE/MIL-188-141A snd (24/Apr/04) (KK)

09207.0 unid presumed CIS station 18:09 ISB/OQPSK/1280 bps/1K4 undecodeble (21 May PPA)

09260 68: Danish Army Deployed 1949 ALE/USB calls DK11 collective for regular sked. (12May04) (RGA)

09295 DR20: UNID Algerian station, ALG 0755 USB/MIL-STD 188-141A/MIL-STD 188-110B Serial tone/tfc. to DR21 (24Apr04) (LDO)

09295 DR21: UNID Algerian station, ALG 0755 USB/MIL-STD 188-141A/MIL-STD 188-110B Serial tone/tfc. to DR20 (24Apr04) (LDO)

09295.0 DR20: UNID Algerian station, ALG 0755 USB/MIL-STD 188-141A/MIL-STD 188-110B Serial tone/ tfc. to DR21 (24Apr04) (LDO)

09295.0 DR21: UNID Algerian station, ALG 0755 USB/MIL-STD 188-141A/MIL-STD 188-110B Serial tone/tfc. to DR20 (24Apr04) (LDO)

09301 AAA: Unid 2026 ALE/USB AAA and AMM Sounding. (17May04) (RGA)

09315 ALR: Algerian Sonatrach Net Alrar 2215 ALE/USB Sounding. (17May04) (RGA)

09315 INA: Algerian Sonatrach Net In Imenas 1954 ALE/USB Sounding. (12May04) (RGA)

09452 481: Enigma XP 0600 AM Strong/readable. ID 481. dk/gc is 07891/00219. Local reception. (20Apr04) (CA)

09452 481: Enigma XP 0720 AM Strong/readable. ID 481. dk/gc is 07891/00219. Via Kristianstad, Sweden. (20Apr04) (CA)

10.720,2 drar : : FGS "Niedersachsen" F 208 0718 usb qso dhj59 20-Mai-04 (wp3)

10.720,2 drcn : : FGS "Hyäne" S 80 1131 usb/rtt qso with dhj59 20-Mai-04 (wp3)

10.720,2 drfd : : FGS "weilheim" M 1059 1041 usb/rtt zbo two priority - qso dhj59 mit neuem Modem 17-Mai-04 (wp3)

10.720,2 drhn : : FGS "Main" A 515 0723 usb/rtt clg dhj59 rdo chk then tfc ratt 20-Mai-04 (wp3)

10066 A7-ACB: Qatar Airways A330 1842 HF DL Signs on to ARINC Hat Yai THA. (08May04) (RGA)

10066 B-18608: China Airlines B737-809 1850 HF DL Signs on. (08May04) (RGA)

10066 B-HQB: Cathay Pacific A340-642 1858 HF DL Signs on. (08May04) (RGA)

10066 D-ALCC: Lufthansa Cargo MD11 LH8414 1823 HF DL Signs on to

10066 ARINC Hat Yai. (07May04) (RGA)
 D-ALCH: Lufthansa Cargo MD11F LH8410 1833 HF DL Signs on.
 (08May04) (RGA)
 10066 D-ALCL: Lufthansa Cargo MD11F LH7983 1832 HF DL Posn
 report 5741N 01234E. (08May04) (RGA)
 10066 N13227: Continental B737 1830 HF DL Signs on to ARINC Hat
 Yai. (08May04) (RGA)
 10066 OH-LBR: Finnair B767 AY2151 1838 HF DL Signs on.
 (07May04) (RGA)
 10066 SA0582: S.African Airways Flt 1817 HF DL Reports 2801S
 02913E to ARINC Hat Yai. (30Apr04) (RGA)
 10066 VP-BAZ: Aeroflot B767 1850 HF DL Posn report to ARINC Hat
 Yai from 5508N 03021E. Flt number decoded as SU0000.
 (07May04) (RGA)
 10066 VP-BWF: Aeroflot A320 SU0123 1917 HF DL At 5027N 01424E.
 (08May04) (RGA)
 10066 ZS-SNA: S.African Airways Flt 1826 HF DL Reports 3139S
 02219E to ARINC Hat Yai. (30Apr04) (RGA)
 10066 ZS-SNC: S.African Airways A340 1858 HF DL Signs on.
 (08May04) (RGA)
 10075 A7-ACB: Qatar Airways A330 1831 HF DL Signs on to ARINC Al
 Muharraq BHR (07May04) (RGA)
 10075 D-ALCL: Lufthansa Cargo MD11F Flt LH8418 1858 HF DL
 Reports 3620N 06401E to ARINC Muharraq BHR.
 (30Apr04) (RGA)
 10075 MU283: Unknown 1912 HF DL Reports 3819N 12205E. No co-
 lateral info other than probable ICAO ID DA059E.
 (30Apr04) (RGA)
 10075 N252UP: UPS MD11F UP6807 1844 HF DL Signs on.
 (07May04) (RGA)
 10075 VP-BWD: Aeroflot A320 Flt SU0341 1900 HF DL Signs on.
 (30Apr04) (RGA)
 10075 ZS-SNB: S.African Airways A340 Flt SA0296 1929 HF DL Sends
 ops normal message to OFAJS via ARINC Muharraq. They
 respond 'copied all OK'. (30Apr04) (RGA)
 10100.8 DDK2/9: Hamburg Met 0200 RTTY/50/400 RY/ID + wx codes.
 (08/May/04) (RH2)
 10115.0 CLC51: CeLoCom 51st Jungle Infantry Brigade 2306 USB
 ALE/MIL-188-141A c/g CLC??? (incomplete ID)
 (24/Apr/04) (KK)
 10142 : UNID Ukrainian MIL, UKR? 1550 BAUDOT 50Bd/500Hz,
 kriptograma tfc., crypto tfc. after zzzzzzzzz
 (24Apr04) (LDO)
 10142.0 no-call: UNID Ukrainian MIL, UKR? 1550 BAUDOT 50Bd/500Hz,
 kriptograma tfc., crypto tfc. after zzzzzzzzz
 (24Apr04) (LDO)
 10161.9 : Moscow Meteo 1450 FAX/120/576 Mediterranean + Black Sea
 chart. (30Apr04) (RGA)
 10162.0 033NHQCAP: Civil Air Patrol 0501 USB ALE snd
 (30Apr/04) (KK)
 10162.0 046NHQCAP: Civil Air Patrol 0457 USB ALE snd
 (30Apr/04) (KK)
 10162.0 047NHQCAP: Civil Air Patrol 0509 USB ALE snd
 (30Apr/04) (KK)
 10162.0 453FEMAUX: FEMA Auxiliary 0505 USB ALE snd
 (30Apr/04) (KK)
 10166.4 VCT: Globberadio Tor's Cove NF CAN 1927 GLOBEDATA Idling.
 (08May04) (RGA)
 10176 T22238: 2-238 AVN US Army Tuzla BIH 2002 ALE/USB
 Sounding. (08May04) (RGA)
 10206.2 1316: Prob Egyptian Border Guards 2009 ALE/USB Calls 1229
 then 1349 calls 1217. (17May04) (RGA)
 10228.6 W6YA: unid spanish reg. 0236 P-I HAM/200Bd wkg
 M6AV"fondeado en bahia caleta aparachique k se comunico
 a""2000 comunico a 2000 horas k ""M6AV de W6YA>
 (25/Apr/04) (KK)
 10242 CS9: US BICE COTHEN Remote Beaufort SC Corpus Christi TX
 or Nassau 2028 ALE/USB Sounding. Calls 48/Unid.

(28Apr04) (RGA)
10244 ALG: Sonatrach Algiers 2006 ALE/USB Sounding.
(08May04) (RGA)
10272.0 ARMARIO: Base Naval CA Augustín Armario 2026 USB ALE clg
MIRA1 Prob Dir.Transporte Naval Miranda (02/May/04) (KK)
10272.0 ARMARIO: Base Naval CA Augustín Armario 2144 USB ALE clg
MIRA4 Prob Dir.Transporte Naval Miranda (02/May/04) (KK)
10272.0 ARMARIO: Base Naval CA Augustín Armario 2145 USB ALE clg
MIRA3 Prob Dir.Transporte Naval Miranda (02/May/04) (KK)
10272.0 ZIN: Alger Gas&Oil Zina 2106 USB ALE snd (02/May/04) (KK)
10275 DEFAULT: Unid US Army/NGB 0607 ALE/USB Sounding.
(11May04) (GB)
10275 RNOUSLR1: Algerian Sonatrach Net Rhourde Nouss LR1
Pipeline 1938 ALE/ LSB Sounding. (28Apr04) (RGA)
10275 T385: Unid US Army/NGB 2145 ALE/USB Sounds.
(11May04) (GB)
10275 TA7158: 7/158 Avn Bn Ft Hood TX 0454 ALE/USB Sounds.
(11May04) (GB)
10275 TA7158: 7/158 Avn Bn, Ft Hood TX 1323 ALE/USB Calls
R00219/US Army helicopter. (11May04) (GB)
10285 OHT30P: Algerian Sonatrach Net Ohanet Pump stn 1951
ALE/LSB Sounding. (28Apr04) (RGA)
10310.0 unid presumed Russian railway station 08:07
81-81/40,4/500 encryped (20 MayPPA)
10310.6 PIPADY: UNID Thales or French Navy station in Toulon, F
0935 USB/MIL-STD 188-141A, calling CTSN Toulon
(04May04) (LDO)
10310.6 TLFUV: French Navy/Thales Djibouti, DJI 1613 USB/MIL-STD
188-141A, sounding (14May04) (LDO)
10310.6 TLNT: DCN Toulon, F 0830 USB/MIL-STD 188-141A, calling
CLBT [=Colombes] (21Apr04) (LDO)
10337.0 WCZ2962: "SKIMMER" 0440 P-II/100Bd msg to unid
(29/Apr/04)(KK)
10360 0000004444: Turkish Net 2015 ALE/USB Sounding.
(08May04) (RGA)
10373,5 CGD9: 10408.0 T2Z1ID 1st Infantry Div 2nd Brigade
Schweinfurt, Germany 1827 USB ALE/MIL-188-141A snd
(26/Apr/04) (KK)
10373.5 CGD9: USCG District 9 0451 USB ALE/MIL-188-141A clg NRLY
USCG Cutter "Bristol Bay" [WTGB-102] (28/Apr/04) (KK)
10373.5 CGD9: USCG District 9 0452 USB ALE/MIL-188-141A clg NODW
USCG Cutter "Sundew" [WLB-404] (28/Apr/04) (KK)
10373.5 CGD9: USCG District 9 0454 USB ALE/MIL-188-141A clg NHHF
USCG Cutter "Hollyhock" [WLB-214] (28/Apr/04) (KK)
10408 OPS171: 1-171 Avn Bn US Army Deployed Iraq 2002 ALE/USB
Sounding. (28Apr04) (RGA)
10408 OPS171: 1-171 Avn Bn US Army Deployed Iraq 2009 ALE/USB
Sounding. Also TF185/Prob 185 Avn Co US Army Deployed
Iraq. (08May04) (RGA)
10408 P1Z227: 1 Bn 227 Avn Regt US Army Balad Airfield Iraq
2016 ALE/USB Sounding. (28Apr04) (RGA)
10408 T1Z106: 1 Bat 106 Avn Regt US Army Camp Cooke Al Taji
Airbase Iraq 2008 ALE/USB wkg Helicopter R23309.
(28Apr04) (RGA)
10408 T2Z1ID: 1 Infantry Div 2 Brigade US Army Deployed Iraq
1919 ALE/USB Sounding. (28Apr04) (RGA)
10408 TF185: 185 Avn Co US Army Deployed Iraq 1946 ALE/USB
Sounding. (28Apr04) (RGA)
10408.0 OPS171: 171st Aviation Battalion, Dobbins, GA 1833 USB
ALE/MIL-188-141A snd (26/Apr/04) (KK)
10408.0 P1Z227: 1st Bat 227Avn Regt Ft. Hood, TX 1836 USB
ALE/MIL-188-141A snd (26/Apr/04) (KK)
10408.0 R23856: Helicopter 1600 USB ALE/MIL-188-141A clg P1Z227
1-227 Avn Regt US Army Iraq (29/Apr/04)(KK)
10408.0 R24617: Helicopter 1629 USB ALE/MIL-188-141A clg R24637
Helicopter (28/Apr/04) (KK)
10408.0 R24637: Helicopter 1636 USB ALE/MIL-188-141A clg T498AA
498th Med Co Irak/(Homeb.Ft. Benning, Ga)

(28/Apr/04) (KK)
10408.0 T1Z106: 1st Bat 106th Avn Regiment Illinois NG 1852 USB
ALE/MIL-188-141A snd (26/Apr/04) (KK)
10408.0 T1Z106: HHC 1-106th AVN REGT Irak 1826 USB
ALE/MIL-188-141A clg R23309 Helicopter (28/Apr/04) (KK)
10408.0 T1Z244: 1/244th Avn Bat CMS AVN, New Orleans, LA 1856 USB
ALE/MIL-188-141A snd (26/Apr/04) (KK) USCG District 9
0905 USB ALE/MIL-188-141A clg NODW USCG Cutter "Sundew"
[WLB-404] (27/Apr/04) (KK)
10408.0 T1Z244: 1/244th CAB, AVN BN, Balad, Iraq 1626 USB ALE
ALE/MIL-188-141A snd (29/Apr/04)(KK)
10408.0 T2Z1ID: 1st Inf Div 2nd Brd US Army Iraq 1814 USB
ALE/MIL-188-141A clg R26647 Helicopter (28/Apr/04) (KK)
10408.0 T4Z1ID: 4/1 Inf.Div Iraq 1657 USB ALE snd (29/Apr/04)(KK)
10408.0 TF185: 185th ARW Iowa Air National Guard 1840 USB
ALE/MIL-188-141A snd (26/Apr/04) (KK)
10408.0 TG185: 185th Avn Iraq 1630 USB ALE snd (29/Apr/04)(KK)
10449 102: Prob Chinese Military 2009 ALE/USB Calls 105.
(08May04) (RGA)
10450.0 CFL60: unid Canadian. Ship incor. 2346 P-I/100Bd clg
HPPM1 Sailmail Chiriqui,PNM sending P-II (01/May/04)(KK)
10487.0 CENTR3: Mfa Bucuresti, ROU 0440 USB ALE/MIL-188-141A clg
UMC unid Rom. Embassy (01/May/04) (KK)
10502 PNG: Angolan Consulate Pointe Noire Congo 1905 ALE/USB
Again at 1905. (12May04) (RGA)
10509.6 PIPADY: UNID Thales or French Navy station in Toulon, F
0947 USB/MIL-STD 188-141A, calling CTSN Toulon
(04May04) (LDO)
10512 UNID 1310 USB 'whale-like' sound, continous signal, no
idea as to origin, content, what kind of encryption (if
any) etc., getting continously stronger
17/May/2004 (TR)
10536 CFH: CanForce Halifax NS CAN 1939 RTTY/75/850 Canadian
airfields weather actuals. (08May04) (RGA)
10574 ORAN1: UNID Algerian station, ALG 0916 USB/MIL-STD
188-141A, calling ALG1 [=Algiers] (21Apr04) (LDO)
10574.0 ORAN1: UNID Algerian station, ALG 0916 USB/MIL-STD
188-141A, calling ALG1 [=Algiers] (21Apr04) (LDO)
10588.0 FR5: (FR5FEM) FEMA Region 5 0030 USB ALE snd
(25/Apr/04) (KK)
10590.0 267: unid 2327 USB ALE/MIL-188-141A snd (01/May/04)(KK)
10592.1 unid: Telefon Net 2329 USB simplex frequ, Dialing Tone
spanish Voices (01/May/04) (KK)
10595 171: Prob Saudi MOI 1926 ALE/USB Calls 101.
(17May04) (RGA)
10595.0 117: unid 2231 USB ALE/MIL-188-141A snd (01/May/04)(KK)
10600.0 0001: unid 2124 USB ALE/MIL-188-141A snd (01/May/04)(KK)
10600.0 ACA: unid (incomplete?) 2046 USB ALE/MIL-188-141A clg
CUFAN Comando Unificado (01/May/04)(KK)
10600.0 ARMARIO: Base Naval CA Augustín Armario 2033 USB ALE clg
MIRA2 Prob Dir.Transporte Naval Miranda (02/May/04) (KK)
10600.0 ARMARIO: Base Naval CA Augustín Armario 2039 USB ALE clg
MIRA1 Prob Dir.Transporte Naval Miranda (02/May/04) (KK)
10600.0 CLC24M: Centro Logistico Comunicaciones 2155 USB ALE clg
CRC2M Centro Regional de Comunicaciones (01/May/04)(KK)
10600.0 MIRA2: Prb Dirección de Transporte Naval Miranda 2044 USB
ALE clg FALCON BN Mariscal Juan Crisóstomo Falcón
(01/May/04) (KK)
10600.0 unid: undecoded 2122 USB ALE/MIL-188-141A clg CUFAN2
Comando Unificado (01/May/04)(KK)
10610.9 : Moscow Meteo 1337 FAX/120/576 European weather map.
(12May04) (RGA)
10614 AA1: Israeli AF 2221 ALE/USB sounding. (29Apr04) (RGA)
10614.0 RAM: unid 2001 USB ALE/MIL-188-141A snd (01/May/04) (KK)
10617 191: Chinese Military or Taiwan Navy 1954 ALE/USB Calls
193. (17May04) (RGA)
10617.4 330: Egyptian Border Guard 1758 ALE/USN wkg 1306.
(12May04) (RGA)

10627 055: Saudi MOI Prob NCS 1919 ALE/USB Sounding.
(12May04) (RGA)

10690 RI5L: UNID CE-2004 node, D? 0601 USB/MIL-STD
188-141A/MIL-STD 188-110A/MIL-STD 188-110B, tfc. to YE5Y
using Harris RF-67x0 software (08May04) (LDO)

10690 YE5Y: UNID CE-2004 node, ??? 0600 USB/MIL-STD
188-141A/MIL-STD 188-110A/MIL-STD 188-110B, tfc. to RI5L
using Harris RF-67x0 software (08May04) (LDO)

10718 RRSJPA: Unid 1956 PACKET/300/200 wkd with RRSRCE.
(22Apr04) (IB)

10718.0 RRSJPA: Unid, 1956z 22-apr-2004 packet 300/200 (IB)

10720.2 DHJ59: German Navy Wilhelmshaven 2345 USB wkg what sounds
like AF (DRAF, FGS MOLDERS D-186). (28Apr04) (RB)

10720.2 DRAX: FGS GORCH FOCK (A-60) 0013 USB Masted German Navy
Training barque, and sister ship of USCGC Eagle. wkg
DHJ59 in EE re 1 routine & 1 priority msg. Into secure
data. (01May04) (RB)

10726.0 unid Russian military 08:15 USB/CIS12 (MS5) idling
(20 May PPA)

10733.6 KWB48: Unid US State Dept Facility 1836 ALE/USB Sounding.
(12May04) (RGA)

10770.0 DPRK Embassy Havana: 0436Z CW 5fg's & opchat
25/Apr/2004 (BM)

10788.5 PAZ1: UNID CE-2004 node, D? 1421 USB/MIL-STD
188-141A/MIL-STD 188-110A, tfc. to YA69 using Harris
RF-67x0 software + STANAG 5066 protocol (16May04) (LDO)

10788.5 YA69: UNID CE-2004 node, ??? 1421 USB/MIL-STD
188-141A/MIL-STD 188-110A, tfc. to PAZ1 using Harris
RF-67x0 software + STANAG 5066 protocol (16May04) (LDO)

10820 CENTR6: MFA Bucharest 1611 ALE/USB Calls YPM24/Unknown
embassy. (12May04) (RGA)

10825 RABAT: US Embassy N.African Diplo Hub 1638 ALE/USB Calls
CER11/MFA Paris N.African Dept. (12May04) (RGA)

10830 T2Z238: 2-238 AVN US Army Tuzla BIH 1702 ALE/USB
Sounding. (12May04) (RGA)

10830 T2Z238: 2-238 AVN US Army Tuzla BIH 2207 ALE/USB
Sounding. (29Apr04) (RGA)

10830 T2Z238: 2-238th AVN Tuzla, BIH 1138 USB/MIL-STD 188-141A,
sounding (23Apr04) (LDO)

10830.0 T2Z238: 2-238th AVN Tuzla, BIH 1138 USB/MIL-STD 188-141A,
sounding (23Apr04) (LDO)

10852 481: Enigma XP 0620 AM Strong/readable. ID 481. dk/gc is
07891/00219. Local reception. (20Apr04) (CA)

10852 481: Enigma XP 0620 AM Strong/readable. ID 481. dk/gc is
07891/00219. Via Kristianstad, Sweden. (20Apr04) (CA)

10866 LO79: UNID CE-2004 node, ??? 1113 USB/MIL-STD 188-141A,
tfc to Y8KT (06May04) (LDO)

10866 Y8KT: UNID CE-2004 node, ??? 1113 USB/MIL-STD 188-141A,
tfc to LO79 (06May04) (LDO)

10871.9 S: MX Beacon 1416 CW Arkhangelsk. (08May04) (RGA)

10871.9 S: Russian Navy Arkhangelsk RUS 2120 CW Cluster beacon
(08-05-04) (AB)

10904.5 JEZIORAK27: UNID Polish MIL unit, ??? 0954 LSB/MIL-STD
188-141A/MIL-STD 188-110A App.B 39-tone modem tfc. to
KURHAN63 (16May04) (LDO)

10904.5 KURHAN63: UNID Polish MIL unit, ??? 0953 LSB/MIL-STD
188-141A/MIL-STD 188-110A App.B 39-tone modem tfc. to
JEZIORAK27 (16May04) (LDO)

10911.5 Y8KT: UNID CE-2004 node, ??? 1327 USB/MIL-STD 188-141A,
tfc to LKK2 (06May04) (LDO)

10911.5 Y8KT: Unid Contingent Combined Endeavour 2004 Net 1707
ALE/USB Calls LKK2/ unid. (12May04) (RGA)

10930 SAB: Göteborgradio SWE 1445 GLOBEDATA Idling.
(30Apr04) (RGA)

10939.0 unid presumed CIS station 18:19 USB/OQPSK/1280 bps/1K4
undecodeble (21 May PPA)

10945 3XG: Moroccan Gendarmerie 1932 ALE/USB Calls 6HH. Very
active net. 1GU 7RJ 8PA 9SH also active. (12May04) (RGA)

WUN-v10

- 10945 CFH: CanForce Halifax NS CAN 1420 RTTY/75/850 ZKRs. // 15920. (08May04) (RGA)
- 10945 CFH: CanForce Halifax NS CAN 1939 RTTY/75/850 ZKRs. Not-// 10536. (08May04) (RGA)
- 10945.0 CFH: Halifax Mil, CAN 2236 Rtty 75/850 "NAWS DE CFH ZKR F1 2822 3394 4170 6254 8303 12380 16576 22182 AR" (01/May/04)(KK)
- 11010 CVJULI: Brazillian Navy Corvette Julio de Noronha (V-32) 2129 ALE/USB wkg ERMRIO/Rio Naval Radio. (29Apr04) (RGA)
- 11010 ERMRIO: Rio Naval Radio 2137 ALE/USB Calls FDEFEN/Brazillian Navy Frigate Defensera (F-41). (29Apr04) (RGA)
- 11029.2 unid: Stn. Boca Mavaca?, Ven 2317 P-I/100Bd clg NETCCS Caracas? VEN, P-II msg (01/May/04)(KK)
- 11038 DDH9: Hamburg Meteo via Pinneberg 1426 RTTY/50/450 Sea winds forecasts in German. (30Apr04) (RGA)
- 11109 LCR154: Polish MIL Warszawa?, POL 1653 USB/MIL-STD 188-141A/MIL-STD 188-110A/B serial tone modem, traffic to SPI324 using Harris RF-67x0 software (16May04) (LDO)
- 11109 SPI324: Polish MIL SFOR or KFOR unit, 1653 USB/MIL-STD 188-141A/MIL-STD 188-110A/B serial tone modem, traffic to LCR154 using Harris RF-67x0 software (16May04) (LDO)
- 11136 JVQZ: Russian Military Bcast 1324 CW JVQZ QTC 940 32 12 1720 940 = 938 = 5420 6179 3729 ... 5842 1229 520 K (repeats). Ends AR. Very probably LDBO alternate. (12May04) (RGA)
- 11168.6 KRH54: Unid US State Dept Stn 1924 ALE/USB Sounding. (17May04) (RGA)
- 11175 ? 70: Clg MAINSAIL 2252 USB Muddy audio calling for radio check. No joy. (05May04) (KC2HMZ)
- 11175 LAJES: wkg REACH 205 0032 USB For phone patch but sigs beginning to fade here and also getting QRM from OFFUTT. (06May04) (KC2HMZ)
- 11175 OFFUTT: EAM 2300 USB EKPHEW. (05May04) (KC2HMZ)
- 11175 OFFUTT: EAM 2342 USB K6VVZR. (05May04) (KC2HMZ)
- 11175 OFFUTT: EAM 2346 USB K6U55N. (05May04) (KC2HMZ)
- 11175 OFFUTT: USAF Offutt AFB NE 2249 USB SKYKING Foxtrot broadcast. (05May04) (KC2HMZ)
- 11175 OFFUTT: USAF Offutt AFB NE 2323 USB SKYKING Foxtrot broadcast. (05May04) (KC2HMZ)
- 11175 Otis 80:Rogers AFB USAF 1919 Thu 06 May 2004 USB trying for phone patch - no joy (EB)
- 11175 TURBO 12: Clg MAINSAIL 0009 USB Raised LAJES who had been attempting to work JW313. LAJES had TURBO 12 QSY to 13200 for msg tfc. (06May04) (KC2HMZ)
- 11175.0 USAF: / ID PORTO RICO 0726 USB y1 working 66 ?? any idea Apr23 04 ML
- 11184 N67134: Continental B757-224 1625 HFDL Signs on to ARINC Reykjavik. (28Apr04) (RGA)
- 11184 VP-BDM: Aeroflot A339 1629 HFDL Signs on. (28Apr04) (RGA)
- 11217.0 Dixie 71: 1419 USB / calling Dixie Control with no joy. (17April2004) (Midwest USA)
- 11226 523545: USAF KC-135 62-3545 1930 ALE/USB self test. (17May04) (RGA)
- 11226 IKF: US NAS Keflavik ICE 1715 ALE/USB Sounding. (08May04) (RGA)
- 11226 JDG: USAF Diego Garcia BIOT 1515 ALE/USB Calls GUA/Anderson AFB Guam. (12May04) (RGA)
- 11241 DESOPS: US-Army Tuzla, BIH 0033 USB/MIL-STD 188-141A, sounding (14May04) (LDO)
- 11244 BIG TIME: EAMS 0041 USB Active 0041, 0107 and 0137 and sometimes heard on 8992 6697 and 13155. H+07/h+37 activity. (23 Apr 04) (JH)
- 11244 CALDWELL: 22-char EAM 1930 USB K6DI4F simulcast on at least 8992 with nothing heard on 6697 or 13155. (29 Apr 04) (RGA)
- 11244 EXTENSION: 28-char EAMS 1455 USB K6IRXV; K6UZW6 and simulcasting on at least 8992 with nothing heard on 13155

or 6697. (05 May 04) (JH)

11244 EXTENSION: EAM Bcasts 1525 USB K6305I, K6IRXV & K6UZW6. H+25/h+55 activity. (05 May 04) (JH)

11244 FIRE CAMP: 28-char EAM 1532 USB K6J24B preceding OFFUTT's 1537z HFGCS bcst of same, and simulcasting same on at least 8992 with nothing heard on 6697 or 13155. FIRE CAMP was back up at 1536z on same freqs with another 28-character EAM (K6KINX). (29 Apr 04) (JH)

11244 LONG TERM: 28-char EAM 1730 USB 2AZOLG preceding OFFUTT's 1731z HFGCS bcst of same, and simulcasting same on at least 8992 with nothing heard on 6697 and 13155. (16 May 04) (JH)

11244 NEW DEAL: 22-char EAM 1628 USB Same player as at 1605z and 1509z. K6GX2T simulcast on at least 8992. (05 May 04) (JH)

11244 NEW DEAL: 28-char EAM 1509 USB K6305I preceding OFFUTT's 1512z HFGCS bcst of same and simulcasting on at least 8992. Suspected NAOC. (05 May 04) (JH)

11244 NEW DEAL: 28-char EAM 1605 USB Muffled ID. K67LEH and simulcasting same on at least 8992. (05 May 04) (JH)

11244 SEMI TONE: EAM Bcasts 1625 USB 2APWVT & 2AZRW3. H+25/h+55 activity. Simulcast on at lease 8992 with nothing heard on 6697 or 13155. (13 May 04) (JH)

11244 Unid: EAM Bcast 1519 USB K7305I. ID covered by HFGCS; suspected EXTENSION. (05 May 04) (JH)

11247 ARCHITECT: RAF STCICS Flight watch Bampton Castle 1430 USB OM with RAF airfield colour states. (30Apr04) (RGA)

11297.0 no call Sainkt Petersburg Volmet RUS 09:08 RR female voice Metar observations (20 May PPA)

11300 Cairo: wkg Khartoum 0005 USB Relaying info on KLM flight. (08May04) (RB)

11300 Kisimayu?: Sounded like 0247 USB Trying to work flight over Mogadishu's traffic. (07Apr04) (RB)

11300 Mogadishu: wkg unid 0246 USB wkg unid flight, trying to get them to QSY to 5517. (07Apr04) (RB)

11300 Tripoli: wkg unid 0045 USB wkg unid 002 w/posn report. (05May04) (RB)

11384 I-LIVB: Livingstone A321 Flt VLE845 1655 Posn 4409N 01107E to ARINC Shannon. As usual also using corrupt flt no (L48454). (28Apr04) (RGA)

11407.5 ---:poss Egyptian Government 1830 Fri 14 May 2004 ARQ 100 broken groups with lots of k's (EB)

11408 REA4: AFHQ Moscow 1441 MORSE/--/1000 30140 sked txn to aircraft. // 10673. (30Apr04) (RGA)

11475 055: Saudi MOI Prob NCS 1740 ALE/USB Sounding. (08May04) (RGA)

11475 MAE: MFA Algiers 1437 ALE/USB Calls TNS/Tunis embassy. (12May04) (RGA)

11491 AAA: Israeli AF NCS 2010 ALE/USB Sounding. (30Apr04) (RGA)

11494 501: Unid US BICE 2116 ALE/USB Calls UCG/US BICE Service Centre CAMSLANT Chesapeake. 717/Unid also seen. (29Apr04) (RGA)

11494 CS1: US BICE (COTHEN) Atlanta GA 1959 ALE/USB Sounding. CS9/:US BICE/ COTHEN Remote Beaufort SC also sounding. (16May04) (RGA)

11494 CS9: US BICE COTHEN Remote Beaufort SC or Corpus Christi TX or Nassau 2124 ALE/USB Sounding. (29Apr04) (RGA)

11494 CS9: US COTHEN Remote Beaufort SC 2053 ALE/USB Sounding. (30Apr04) (RGA)

11499.5 0CAMP0: Turkish Mil Camp 2309 USB ALE snd (24/Apr/04) (KK)

11545 E03: Lincolnshire Poacher CYP id 24778 2100 USB (08-05-04) (AB)

12.560,0 ucmv : VLAS NICHKOV 1327 sitor-a tfc to uce Archangelsk Radio 12714.0 19-Mai-04 (wp3)

12.560,0 ucnt : KAPITAN MOCHALOV 1315 sitor-a tfc to uce Archangelsk Radio 12714.0 Mailboxabfrage: ucnt = nil ga+?

nt = 01 mins 19-Mai-04 (wp3)
 12.560.0 ucpd : PAVEL KORCHAGIN 1329 sitor-a tfc to archangelsk
 Radio uce 12714 Khz 19-Mai-04 (wp3)
 12.560.0 ucpe : PIONER LITVY 1324 sitor-a ?3708 ucpe x tfc to
 uce Archangelsk Radio 12714.00 19-Mai-04 (wp3)
 12.714.0 uce : Archangelsk Radio 1302 sitor-a tfc to
 uckt/12560.00 19-Mai-04 (wp3)
 12.790.0 : unid 1703 rtty 50/850 online encrypted ends with
 zzzzzzzzzzzzzz then kriptograma zlit nr 1444
 16-Mai-04 (wp3)
 12.843.0 hlo : Seoul Radio 1454 cw cq cq cq de hlo hlo hlo qsx 12
 mhz k 17-Mai-04 (wp3)
 12.916.5 hlf : Seoul Radio 1450 cw cq cq cq de hlf hlf hlf qsx 12
 mhz k 17-Mai-04 (wp3)
 12.935.0 hlg : Seoul Radio 1445 cw cq cq cq de hlg hlg hlg qsx 12
 mhz k 17-Mai-04 (wp3)
 12.984.0 4xz : IN Haifa 1444 cw vvv de 4xz 4xz - - v
 17-Mai-04 (wp3)
 12141 110: Prob Chinese Military 1930 ALE/USB Calls 108. 101
 and 171 also seen this freq. (29Apr04) (RGA)
 12144.6 AVISOS: UNID Thales or French Navy station, F 091042
 USB/MIL-STD 188-141A, tfc. to FREGATES (04May04) (LDO)
 12152 481: Enigma XP 0620 AM Strong/readable. ID 481. dk/gc is
 07891/00219. Local reception. Not quite as strong as the
 0620z sending, but not as weak as the 0600z sending.
 (20Apr04) (CA)
 12152 481: Enigma XP 0640 AM Strong/readable. ID 481. dk/gc is
 07891/00219. Via Kristianstad, Sweden. (20Apr04) (CA)
 12175 1000: Italian Police 1711 ALE/LSB Sounding.
 (17May04) (RGA)
 12191 CLC51: Comms Logistic Centre 51 Jungle Inf Bn Venezualan
 Army 1928 ALE/USB Calls CLC51 for self-test.
 (07May04) (RGA)
 12191 PCR: Venezualan Army 1946 ALE/USB Calls CLC51/Comms
 Logistic Centre 51 Jungle Inf Bataillon. (22Apr04) (RGA)
 12191 SCL: Comms Logistics Service Venezualan Army 2008 ALE/USB
 Calls CLC51/ Comms Logistic Centre 51 Jungle Inf Bn
 Venezualan Army. (07May04) (RGA)
 12191 SCLC501: Comms Logistics Service Centre 501 HQ Bn
 Venezualan Army 1957 ALE/USB Calls PCR/Prob a Regional
 Command Centre. (07May04) (RGA)
 12191 SCLC50: Comms Logistics Service Centre 501 HQ Bn
 Venezualan Army 2011 ALE/USB Calls PCRC5/Rear Cmd Post
 (Comms) 5 Inf Div Ciudad Bolivar Venezualan Army.
 (07May04) (RGA)
 12191.8 : Unid 1354 UNID/75/500 Repetitive data. Idles mark. No
 sensible decode in RTTY demod. Offair 1358.
 (30Apr04) (RGA)
 12194 851: Enigma E7 1740 AM Fair/readable. Sked 851 dk/gc is
 876/143. Via Rommelle Sweden. (18Apr04) (CA)
 122122 Unid: Brazilian Navy Unid stn 1903 SITOR 'Boletim de
 ordens e noticias' (02/05/04) (AJP)
 12216 68: Danish Army Deployed 1937 ALE/USB calls
 DK11/Collective net call. (07May04) (RGA)
 12297 474: Saudi MOI 1858 ALE/USB Sounding. (30Apr04) (RGA)
 12370 FDEFEN: Brazillian Navy Frigate Defensera (F-41) 2024
 ALE/USB Calls ERMRI0/Estação Rádio da Marinha Rio de
 Janeiro. FBOSIS/Unid also active. (29Apr04) (RGA)
 12390.0 GYA: RN NORTHWOOD 1506 FAX 120/576/N/800 Grainy pix. sfc
 anal for Mid-East. Beamed Gulf (24/Apr)(DW)
 12437 ERMNAT: Natal Naval Radio Brazil 1931 ALE/USB Calls
 FDEFEN/Frigate Defensera (F-41). (30Apr04) (RGA)
 12454 LFI:Globe Rogaland NOR 1353 GLOBEDATA In traffic.
 (30Apr04) (RGA)
 12493.0 ubhr : SOVETSKAYA KONSTITOUTSIA 1023 sitor-a tfc to
 archangelsk radio r1k7 12596 khz/kymp 13Apr04 (wp3)
 12501 T12106: 1 Bat 106 Avn Regiment Camp Cooke Al Taji Airbase
 Iraq 2011 ALE/USB Sounding. (29Apr04) (RGA)

- 12501 T1Z106: 1 Bat 106 Avn Regiment Deployed Iraq 1755 ALE/USB Sounding. (17May04) (RGA)
- 12501 TF185: Prob 185 Avn Co US Army Deployed Iraq 1915 ALE/USB Sounding. (30Apr04) (RGA)
- 12560.0 9hxj4 : KAPITAN MIRONOV 1554 sitor-a tfc to Archangelsk Radio uce 12714/kyvf 13Apr04 (wp3)
- 12560.0 ubsw : TEKHNOLOG KONYUKHOV 1012 sitor-a tfc to Archangelsk Radio uce 12714/kyvf 13Apr04 (wp3)
- 12560.0 ucbn : PIONER ESTONII 1142 sitor-a tfc to Archangelsk Radio uce 12714/kyvf 13Apr04 (wp3)
- 12560.0 ucmv : VLAS NICHKOV 1201 sitor-a tfc to uce Archangelsk Radio 12714.0 13Apr04 (wp3)
- 12560.0 ucnj : IGOR GRABAR 1332 sitor-a tfc to Archangelsk Radio uce 12714/kyvf 13Apr04 (wp3)
- 12560.0 ucpg : PIONER YAKUTII 1213 sitor-a tfc to Archangelsk Radio uce 12714/kyvf 13Apr04 (wp3)
- 12560.0 ueis : PIONER KARELII 1206 sitor-a tfc to Archangelsk Radio uce 12714/kyvf 13Apr04 (wp3)
- 12560.0 uiur : PETR STRELKOV 1120 sitor-a tfc to Archangelsk Radio uce 12714/kyvf 13Apr04 (wp3)
- 12561 LIMA ROGER: USCG 0330 USB Heavy activity. Occasional bursts of digital encrypted comms identical to uscg on other freqs. Callsigns: Lima Roger, Echo Foxtrot, Papa, Hotel, Black Timber, and many others. Vessel positions are codewords. Content suggests a USCG exercise or tactical response. (23Apr04) (AB2)
- 12561.2 LIMA: 0230 USB (US Navy) wkg FOXTROT, othersingle letter callsigns. ECHO FOXTROT battlegroup coordination net. (25Apr04) (RB)
- 12566 OXZ: LyngbyRadio DNK 1339 GMDSS BQs safety test to Cypriot ship Ramnes/ P3PA6. (30Apr04) (RGA)
- 12566 PBBW: Dutch Ship Comores Stream 1340 GMDSS BQs LyngbyRadio for safety test. Lyngby BQs. (30Apr04) (RGA)
- 12577 3EME8: Panamanian Ship Eastern Tera 1731 GMDSS BQs Chilung/XSX for safety check. 12577 VRYL5: PRC Ship Lucie Delmas 1824 GMDSS Calls unknown Spanish MRCC (2247018) for safety check. (16May04) (RGA)
- 12577 3EQQ3: Panamanian Ship Gaz Pacific 1720 GMDSS BQs Lyngby/OXZ for safety check. (16May04) (RGA)
- 12577 ELOX3: Liberian Ship Dundee 1827 GMDSS Calls Hongkong Marine Rescue for Safety check. (16May04) (RGA)
- 12577 HP6131: Panamanian Ship Seabulk Arzanah 1326 GMDSS RQs OXZ/Lyngby for safety test. Tries again at 1328 without success. (30Apr04) (RGA)
- 12577 SYFV: Greek Ship Astro Callisto 1713 GMDSS Calls itself for safety check quoting 12520 kHz. (?) (16May04) (RGA)
- 12577.0 J8VM5: SHIP BALTIC TRADER 2327 DSC 100/E/170 Distress call. MMSI376539000 psn 56.39N 18.09E undesignated distress 3 calls all err free. (23/Apr)(DW)
- 12586 UDK2: MurmanskRadio 1319 ARQ Tgms to unknown ship via autotelex. Morse ID and KSKS data string on idle. (12May04) (RGA)
- 12592.5 NMN: CAMSLANT Chesapeake VA USA 1428 ARQ w/Morse ID. (08May04) (RGA)
- 12596.0 r1k : Archangelsk Radio 1105 sitor-a tfc to ubhr SOVETSKAYA KONSTITOUTSIA 12493 khz 13Apr04 (wp3)
- 12596.0 r1k : Archangelsk Radio 1204 sitor-b tfc list ... nil de r1k7 sk 13Apr04 (wp3)
- 12606 UIW: KaliningradRadio 1401 FEC Some sort of traffic list with full names callsigns and MMSIs. Reverts to ARQ/Morse ID. (30Apr04) (RGA)
- 12606 UIW: KaliningradRadio 1404 ARQ Autotelex response to Bratya Stoinovy/ UBSX in auto-telex (1 message). (30Apr04) (RGA)
- 12613 XSQ: Guangzhou R 1633 ARQ CW Marker. (20/Apr/04) (RH2)
- 12637.5 XSG: Shanghai, China 1352z Mar 28, 2004 FEC/100 with traffic and back to CW ID [SN]
- 12637.5 XSG: ShanghaiRadio PRC 1407 FEC Broadcast messages in 4FG

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sgsgsgsgsgsgsgsgsgsgsgs 0 9 8 7 6 5 4 3 2 1 voyez vous
le brick geant que j examine pres du grand wharf int wbz
kkkkkkk kx faaa de fuv 1 2 3 4 5 6 7 8 9 0
17-Mai-04 (wp3)

13015.5 IAR: ROMA 1347 CW carbs Apr12 04 ML.
13050.0 UDK2: Murmansk R 2005 RTTY 50/170 Third-shift cyrillic
traffic (02/05/04) (AJP)
13101.0 ERMRIO: Nav.Base Rio de Janeiro 1.Distrito Naval 2254 USB
ALE c1g FBOSIS F-48 BOSÍSIO (Classe Greenhalgh)
(01/May/04)(KK)
13101.0 ERMRIO: Nav.Base Rio de Janeiro 1.Distrito Naval 2310 USB
ALE c1g CVINHA Corvetas V-30 INHAÚMA (Cl.INHAÚMA)
(01/May/04)(KK)
13155 ACCURACY: 28-char EAM 1555 USB 2A4H3B simulcast 11244,
8992 and 6697. H+25/h+55 activity. (14 May 04) (JH)
13155 NEON LAMP: EAM Bcast 2337 USB ZVFN3N simulcast on at
least 11244 and 8992 with nothing heard on 6697.
H+07/h+37 activity. (17 May 04) (JH)
13162.4 VCT: Globeradio Tor's Cove NF CAN 1829 GLOBEDATA Idlers.
(08May04) (RGA)
13162.4 VCT: Tor's Cove Radio NF CAN 1257 GLOBEDATA Probably in
traffic. (12May04) (RGA)
13170 SVO: OlympiaRadio Athens 1255 USB YL call tape.
(12May04) (RGA)
13195 : Russian Military 1424 RUS-75/75/225 Cipher.
(30Apr04) (RGA)
13200.0 COMPOSER: E-6B 0805 USB entering the net with
MASTERPIECE, =CAVE MAN, MYSTERY SHIP and CLEAN TABLE.
(03 May 04) (MR)
13215 ADW: USAF Andrews AFB MD 1853 ALE/USB Sounding.
(07May04) (RGA)
13215 JDG: US NAS Diego Garcia BIOT 1813 ALE/USB Sounding.
(29Apr04) (RGA)
13215 MPA: USAF Mount Pleasant FLK 1928 ALE/USB Sounding.
(22Apr04) (RGA)
13221 TISCOM: USCG Telecomms & Info Systems Command 1919
ALE/USB Sounding. (22Apr04) (RGA)
13255.0 SLAM: B-1B / (03/May/2004) (Andrey)
13291 GANDER RADIO: Gander NF CAN 1253 USB wkg AMERICAN 75 with
position report. (12May04) (RGA)
13444 RFQP: FF Jibouti 1500 ARQ-E3/100/400 Cdev on DJI cct
(09/May/04) (RH2)
13468 CENTR3: MFA Bucharest 1651 ALE/USB Calls UMC/unid
embassy. (17May04) (RGA)
13479 REA4: Russian Air Force HQ Moscow 1242 MORSE/--/1000
12120 sked to aircraft. //8646. (12May04) (RGA)
13500 64B: Prob Venezuelan Riverine Forces 1837 ALE/USB Calls
CGA. (30Apr04) (RGA)
13510 CFH: Can Forces Halifax. 2013 FAX wave prognosis.
(09-05-04) (AB)
13511 4XZ: IN Stella Maris Haifa 1622 CW ID Marker.
(20/Apr/04) (RH2)
13514 4XZ:I.D.F. Haifa Israel Naval 1844 Thu 13 May 2004 CW in
5 ltr traffic - appears to be a new freq or a
harmonic (EB)
13527.9 S: MX Beacon 1839 CW Arkhangelsk. (08May04) (RGA)
13571 851: Enigma E7 1720 AM weak/readable. sked 851 dk/gc is
876/143. Via Rommelle Sweden. (18Apr04) (CA)
13852 DQZ8: RUS Mil 0507 CW 5LG to 60I1, ending "... KEuHS
PuJCu PRPEO 888 RPT AL K" (via Rommele DX-TUNERS remote
receiver) (04May04) (JC5)
13882.5 DDK6: Hamburg Meteo D 2141 FAX wx chart (08-05-04) (AB)
13885.0 AFRS: 1402z May 3, 2004 USB AFRS programming. [SN]
13918 ADDIS: Unid 1849 ALE/USB Calls BRUNDI. Later ADDIS calls
LIBERIA. Prob Diplo. Thanks to Marat for the frequency.
(29Apr04) (RGA)
13918 ADDIS: Unid Diplo 1838 ALE/USB Calls ETH. Then BRUNDI
calls ADDIS. (30Apr04) (RGA)

14000 ADDIS: Unid Diplo 1733 ALE/USB Calls LIBERIA.
(30Apr04) (RGA)

14000.0 unid: 1431 USB ALE/MIL-188-141A c1g BRU (incomplete ID)
(27/Apr/04) (KK)

14395 SY4Y: UNID CE-2004 node, ??? 1220 USB/AX.25 300Bd,
traffic to Z94E, FSK CF=14396.7 kHz (16May04) (LDO)

14395 Z94E: NATO CE-2004 node, D? 1220 USB/AX.25 300Bd, traffic
to SY4Y, FSK CF=14396.7 kHz (16May04) (LDO)

14400.5 GOLFISAF: UNID ISAF related unit, AFG 0658 USB/MIL-STD
188-141A, calling HOTELISAF, very weak signal
(15May04) (LDO)

14400.5 HOTELISAF: UNID ISAF related station in EUR, 0658
USB/MIL-STD 188-141A, calling GOLFISAF, very strong
signal (15May04) (LDO)

14411 : CIS Navrad 1601 36-50/50/240. (05/May/05) (RH2)

14468 ---:Hamburg meteo Germany 1300 wed 12 May 2004 RTTY 50 wx
tfc (EB)

14482 ---:French naval Paris France 1255 wed 12 May 2004 ARQ-E3
48 idling (EB)

14651.5 LOR: Argentine Navy Pto.Belgrano 2313 RTTY 75/170 5LG
(02/05/04) (AJP)

14671 RABAT: French Embassy Rabat 1834 ALE/USB Calls
CER11/M.East Dept MFA Paris. (22Apr04) (RGA)

14689 CENTR6: MFA Bucharest 1826 ALE/USB Calls ZOW/Unid
embassy. (07May04) (RGA)

14689 CENTR6: MFA Bucharest 1840 ALE/USB Calls ZOW/Unknown
embassy. (28Apr04) (RGA)

14780.0 no call Min.of Transport Moscow RUS 09:14 ITA2/50/500
third shift Cyrrillic messages (20 May PPA)

14812 BGD: Slovak Embassy Baghdad 1304 ALE/USB Sounding.
(12May04) (RGA)

14812 BRA: MFA Bratislava SVK 1841 ALE/USB Calls BGD/Slovak
embassy Baghdad. (22Apr04) (RGA)

14867.0 unid presumed CIS 09:04 F1B/75/250 encrypted (20 May PPA)

15025 CN-RNX: Royal Air Maroc A321 1803 HF DL Signs on.
(07May04) (RGA)

15025 D-ALCA: Lufthansa Cargo MD11 LH8403 1641 HF DL At 4756N
06103W. (07May04) (RGA)

15025 D-ALCM: Lufthansa Cargo MD11 LH8418 1637 HF DL At 4658N
02254E. (07May04) (RGA)

15025 G-VSHY: Virgin Atlantic A340 'Madam Butterfly' VS0900
1615 HF DL At 6119N 04725E. (07May04) (RGA)

15025 I-LIVB: Livingstone A321 1610 HF DL Signs on.
(07May04) (RGA)

15025 N12114: Continental B757 Flt CO0047 1642 HF DL Posn 5024N
02657W to ARINC Reykjavik. (28Apr04) (RGA)

15025 N272UP: UPS MD11 UP6703 1655 HF DL Signs on.
(07May04) (RGA)

15025 N325UP: UPS B767 UP6711 1645 HF DL At 5037N 03500W.
(07May04) (RGA)

15025 N327UP: UPS B767 Flt UP6753 1640 HF DL Posn 5325N 03651W.
(28Apr04) (RGA)

15025 N57111: Continental B757 1537 HF DL Signs on.
(07May04) (RGA)

15025 N59053: Continental B767 CO0047 1654 HF DL Posn report
from 62N 03006W. (07May04) (RGA)

15025 N68155: Continental B767 1546 HF DL Signs on.
(07May04) (RGA)

15025 N78060: Continental B767 1525 HF DL Signs on to ARINC
Reykjavik. (7May04) (RGA)

15025 OH-LBS: Finnair B757 AY7152 1626 HF DL At 5480N 02309E.
(07May04) (RGA)

15025 VP-BAY: Aeroflot B767 1659 HF DL Signs on. (28Apr04) (RGA)

15025 VP-BWI: Aeroflot A320 SU0299 1617 HF DL Posn report to
ARINC Reykjavik from 5416N 02715E. (07May04) (RGA)

15025 ZS-SJK: S.African Airways B737 1648 HF DL Signs on.
(28Apr04) (RGA)

15025 ZS-SJS: S.African Airways B737 1655 HF DL Signs on.

(28Apr04) (RGA)
15025 ZS-SNA: S.African Airways A340 1654 HFDL Signs on.
(28Apr04) (RGA)
15025 ZS-SNF: S.African Airways A340-642 SA0212 Ex F-WWCI 1658
HFDL Reports Ops Normal to SAJNB/S.A.A. Johannesburg.
Prob ICAO ID B10D00. (07May04) (RGA)
15043 GUA: USAF Anderson AFB Guam 1611 ALE/USB Sounds.
(30Apr04) (RGA)
15921 RABAT: French Embassy RABAT 1552 ALE/USB Calls CER11/MFA
Paris N.African Desk. (30Apr04) (RGA)
15940.0 unid presumed Russian railway station 08:57
81-81/40,4/500 encryped (20 May PPA)
16112.0 unid Russian navy station 17:50 BEE 36-50/50/250
encrypted traffic (21 May PPA)
16332.2 K: Petropavlovsk Kanchatka, Russia 0056z May 10, 2004 CW
with "K" marker [SN]
16346.7 : MFA Cairo 1735 ARQ MFA Cairo Msg/AA to unk.
(19/Apr/04) (RH2)
16346.7 Unid: MFA Cairo 1627 ARQ "Urgent" tfc/EE & codes to
London. Alpha/Numeric groups not seen before. Groups
repeated after heading "NDZER F GROUPS"(09/May/04) (RH2)
16606 : Brit Mil Cyprus 1627 4MFSK/195.3/300. (20/Apr/04) (RH2)
16698 UDK2:Murmansk radio Russia Maritime 1759 Mon 10 May 2004
CW/ARQ callband (EB)
16801.8 UZNV: Konstruktor Koshkin Ukranian F/V MMSI 27216000
1710Z ITA-2 75/170R wkg unid shore station
(Petropavlosk?) 24/Apr/2004
16815 HEC:Berne radio Switzerland Maritime 1837 Mon 10 May 2004
CW callband (EB)
16823 UDK2:Murmansk radio Russia Maritime 1755 Mon 10 May 2004
CW/ARQ callband (EB)
16880 LZW:Varna Maritime Bulgaria 1841 Tue 18 May 2004 CW
callband (EB)
16900 XSG:Shanghai Maritime China 1839 Tue 18 May 2004 CW/ARQ
callband (EB)
16951.3 RFTJE: FN Dakar 1650 RTTY/75/850 RY/ID Test tape.
(09/May/04) (RH2)
17198 SAA:Stockholm Maritime Sweden 1812 Tue 19 May 2004 Globe
marker (EB)
17217 VIE:Darwin Maritime Australia 1809 Tue 18 May 2004 Globe
marker (EB)
17220 VIE:Darwin Maritime Australia 1808 Tue 18 May 2004 Globe
marker (EB)
17401.7 : NATO/RN Fleet Bcast 1440 RTTY/75/850 KG84-enciphered
Baudot. //14408.7 (16May04) (RGA)
17520 ---:French Naval --- 1748 Tue 18 May 2004 ARQ-E3 192
idling - no listing for this freq (EB)
17545.5 ---:French Naval Dakar Senegal 1744 Tue 18 May 2004
ARQ-E3 192 idling - broken (EB)
17551 ---:French Naval Martinique 1538 wed 05 May 2004
ARQ-E3 192 idling (EB)
17928 ARINC-06: Hat Yai THA 1755 HFDL Good squitters no
traffic. (30Apr04) (RGA)
17976 ICZSPR: USAF SIPRNet Stn Sigonella ITA 1433 ALE/USB
ICZSPR; JDGSPR/D.Garcia; JTYSR/Yokota; HAWSPR/Wideawake
and JNR/P.Rico all sounding. (17May04) (RGA)
17976 ICZSPR: USAF SIPRNet Stn Sigonella ITA 1715 ALE/USB
ICZSPR PLASPR/Lajes and JDGSPR/Diego Garcia all sounding.
(07May04) (RGA)
17976 IKFSPR: US SIPRNet Stn Keflavik ICE 1211 ALE/USB Sounding
with JNRSPR/PR Station. (12May04) (RGA)
17976 PLASPR: USAF SIPRNet Stn Lajes AZR 1648 ALE/USB PLASPR
HAWSPR/Ascension and JNRSPR/Puerto Rico sounding.
(28Apr04) (RGA)
17988 NMG: USCG New Orleans, USA 1537 USB/MIL-STD 188-141A,
sounding (22Apr04) (LDO)
17988.0 NMG: USCG New Orleans, USA 1537 USB/MIL-STD188-141A,
sounding (22Apr04) (LDO)

18003 150010: USAF C-5 85-0010 1419 ALE/USB wkg PLA/Lajes.
(17May04) (RGA)

18003 ADW: USAF Andrews AFB MD 1656 ALE/USB Calls ADW01 with
{AMD} "920S@@". (07May04) (RGA)

18003 ICZ: US NAS Sigonella ITA 1100 ALE/USB Sounding along
with JNR/Roosevelt Road PR NAS. (12May04) (RGA)

18003 PLA: USAF Lajes Field AZR 1644 ALE/USB Sounding.
(07May04) (RGA)

18063.3 RC2KAB: ICRC Kabul 1112 P-II/100Bd msg from RC2KAN ICRC
Kandahar via MB1TBI, MB Tibilisi,GOE "SUBJECT : X-Ray
Plan of Action" (25/Apr/04) (KK)

18217 : UNID North Korean embassy, 1239 USB/FSK 600Bd ARQ burst
system, QSX not found (24Apr04) (LDO)

18217.0 no-call: UNID North Korean embassy, 1239 USB/FSK 600Bd
ARQ burst system, QSX not found (24Apr04) (LDO)

18237.8 ZSJ: SAN CAPETOWN 0930 RTTY 75/N/170 wx forecast. Poor
copy (11/May)(DW)

18238.0 ZSJ: SAN CAPETOWN 1105 FAX 120/576/N/800 surface
prognosis - 6 * 24hr consecutive panels (10/May)(DW)

18261.0 GYA: RN NORTHWOOD 1530 FAX 120/576/N/800 Schedule. Beamed
to gulf. Unreadable in noise (25/Apr)(DW)

18270 BUU: Unid. Burundi? 1044 ALE/USB Calls BGD Baghdad?
Diplo? (12May04) (RGA)

18327 ---:Government Cairo Egypt 1522 wed 05 May 2004 ARQ 100
short msg & O.T.A (EB)

18396 KHARTOUM: French Embassy Khartoum 1334 ALE/USB Calls
LECAIRE/Diplo Hub at Cairo. (30Apr04) (RGA)

18445.5 ---:French Military Lebanon 1006 wed 19 May 2004
ARQ-E 184.6 idling (EB)

18519 9HD:Malta Maritime 0957 wed 19 May 2004 globe marker (EB)

18570 RFGW: MFA Paris 1730 FEC-A/192/380 Idling. Strong sigs.
(19/Apr/04) (RH2)

18757 ---:poss Government Russia 1022 wed 12 May 2004 81-81
40.5 revs (EB)

18757 RFGW: MFA Paris 0655 FEC-A/192/400 5LG - presume to N2G
(09/May/04) (RH2)

18967.5 RFHJ:French Naval Papeete 0948 wed 19 May 2004 ARQ-E3 96
idling (EB)

19062 UDK2:Murmansk Maritime Russia 0942 wed 19 May 2004 CW/ARQ
callband (EB)

19636 KHARTOUM: French Embassy Khartoum 1246 ALE/USB Calls hub
stn LECAIRE. (17May04) (RGA)

19636 LEC:poss Government Paris France 1055 Tue 18 May 2004
Mil-Std 188-141A To LEC (EB)

19636 RABAT: French Diplo Hub Rabat 1258 ALE/USB Calls
CER11/MFA Paris N.African Section. (17May04) (RGA)

19726 A9M:Hamala Maritime Bahrain 0935 wed 19 May 2004 Globe
marker (EB)

19880 : Dep. of State Comms Moscow, RUS 1230 MFSK-32/CROWD36,
pseudo# encrypted traffic to unlocated recipient
(24Apr04) (LDO)

19880.0 no-call: Dep. of State Comms Moscow, RUS 1230
MFSK-32/CROWD36, pseudo# encrypted traffic to unlocated
recipient (24Apr04) (LDO)

19910 HLF:Seoul Maritime South Korea 1032 Tue 18 May 2004 ARQ
100 idling - very weak (EB)

20535.0 BR1: unid 1941 USB ALE/MIL-188-141A clg PE1
(01/May/04)(KK)

20810.6 KW95: Unid US State Dept Facility 1004 ALE/USB Sounding.
(12May04) (RGA)

20908.5 TANGO: pol. Mil 0627 USB ALE clg SMOKE (01/May/04) (KK)

22387.5 SV07 Olympia Radio 1008 SITOR CW and SITOR marker,
100bd 1/May/2004 (TR)

22744 Olympia Radio: 18:4 USB / Information in English
(27/Apr/2004) (ZZ1028 BRA)

23337 160015: USAF C5 86-0015 0946 ALE/USB Sounding. Then calls
IKF/NAS Keflavik ICE. (12May04) (RGA)

24100 OLZ88: MFA Prague 1148 ALE/USB Calls OLZ67/Unid embassy.

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25055 Call repeated on 19320. (17May04) (RGA)
LECAIRE: French Diplo Hub Cairo 1231 ALE/USB Calls
CER41/M.East desk MFA Paris. (30Apr04) (RGA)

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WUN-v10

WUN-v10

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// // // // // An Electronic Club Dealing Exclusively in Utility Stations // // // // //
// // // // // WUNNEWS Vol 10: Issue 6, June 2004 // // // // //
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Edited by Bill Lawrie
Electronic Editor. (blmid@freeuk.com)
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* Welcome to another issue of the single largest source of utility station information and the most widely quoted utility station publication in the world...the WUN Newsletter.

WHAT'S INSIDE:

- o Digital Review by Day Watson
- o Military/Government Channel Designator List by Larry van Horn
- o Numbers & Oddities by Ary Boender & Chris Smolinski
- o Products & Books Reviews by Bob Margolis
- o QSL Center by John Stephens
- o Utility Round-up by Ary Boender
- o WUN Logs Column by Eddie Bellerby & TEAM LOGS

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0101100010110001011000001110011000101100110110001100110011010000100011
0011100010010101001100110101100101000011011000011101100000011101100100
01001101# DIGITAL #00011110010100001101010010100011010111000000111001
1000100101111010100100011010010010100110100011010001101000011010011100
0111000111001110000110000111100000100101011001001010111010100011100011
001000101010110100000111000111# REVIEW #00000101110011100001101000101
0101001011000011101100010110001100110100010110000111011000101100001110
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WUN-v10

00001101001010101101010110100001001010011010010101010100010101010001
01001011111100001000101010011000110011000011101100010# COLUMN #110001
110001101010010101001010010100100001110110000101100101001101011000

- Editor: Day Watson E-mail: jdwatson@blueyonder.co.uk
- Nickname on IRC channel #monitor DayW

Hi digi WUNners

The menu

Met	FWOC Northwood - schedule changes
	FWOC solicites QSL Reports
Military	STANAG 4285 decodes
Nat Govnmtl	Spanish Customs
Press	KCNA no longer
Special	Lightning Protection

>>....Met.....>

::: FWOC Northwood - schedule changes

North Atlantic FAX service (Circuit B14A):

H24 on 2618.5 4610 8040 11086.5 khz. 120rpm IOC/576

The following schedule came into effect on 11/Jun at 1200z.

Time(z)	V.T.	Product
0000	1800	sfc anal
0012	1800	24hr sfc prog
0024	1800	24hr sfc wind/precipitation prog
0036	1800	24hr sfc dewpoint/sea sfc temp difference prog
0048	1200	Ship ice accretion
0100	---	Schedule
0112	---	Exercise schedule
0124	---	QSL
0136	0000	Fronts and eddies
0236	0000	sfc anal
0300	0000	sfc anal
0336	---	Sea sfc temp
0348	0400	Gale warning summary
0400	0000	sfc anal
0412	0000	24hr sfc prog
0424	0000	24hr sfc wind/precipitation prog
0436	0000	24hr sfc dewpoint/sea sfc temp difference prog
0448	0600	SCEXA TAFS
0500	0000	sfc anal
0512	0000	24hr sfc prog
0524	0000	48hr sfc prog
0536	0600	SCEXA TAFS
0548	0600	Gale warning summary
0600	0000	sfc anal
0612	0000	24hr sfc prog
0648	0700	SCEXA TAFS
0700	06/0700	Spare TAFS
0712	0000	850hPa 24hr wet bulb potential temp prog
0724	0000	48hr sfc prog
0736	0000	72hr sfc prog
0748	0000	96hr sfc prog
0800	0000	120hr sfc prog
0812	0000	Thickness/geopotential height anal
0824	0000	Sig winds contour T+48
0836	0000	Sig winds contour T+72

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0848	0000	Sig winds contour T+96
0900	0600	sfc anal
0912	0000	Thickness/geopotential height anal
0924	0000	24hr thickness/geopotential height prog
0936	0000	24hr 850hPa winds prog
0948	0000	24hr 700hPa winds prog
1000	0600	sfc anal
1012	0600	24hr sfc prog
1024	0600	24hr reduced visibility prog
1036	0600	24hr sfc wind/precipitation prog
1048	0600	24hr sfc dewpoint/sea sfc temp difference prog
1100	0600	sfc anal
1112	0600	24hr sfc prog
1124	0600	24hr sea/swell prog
1136	0000	24hr thickness/geopotential height prog
1148	1200	Gale warning summary
1200	0600	sfc anal
1212	0600	24hr sfc prog
1224	0600	24hr sfc wind/precipitation prog
1236	0600	24hr sfc dewpoint/sea sfc temp difference prog
1248	0000	Ship ice accretion
1300	---	Schedule
1312	---	Exercise schedule
1324	---	QSL
1336	0000	Fronts and eddies
1436	1200	sfc anal
1500	1200	sfc anal
1536	---	Sea sfc temp
1548	1600	Gale warning summary
1600	1200	sfc anal
1612	1200	24hr sfc prog
1624	1200	24hr sfc wind/precipitation prog
1636	1200	24hr sfc dewpoint/sea sfc temp difference prog
1648	1800	SCEXA TAFS
1700	1200	sfc anal
1712	1200	24hr sfc prog
1724	1200	48hr sfc prog
1736	1800	SCEXA TAFS
1748	1800	Gale warning summary
1800	1200	sfc anal
1812	1200	24hr sfc prog
1848	1900	SCEXA TAFS
1900	12/1300	Spare TAFS
1912	1200	850hPa 24hr wet bulb potential temp prog
1924	1200	48hr sfc prog
1936	1200	72hr sfc prog
1948	1200	96hr sfc prog
2000	1200	120hr sfc prog
2012	1200	Thickness/geopotential height anal
2024	1200	Sig winds contour T+48
2036	1200	Sig winds contour T+72
2048	1200	Sig winds contour T+96
2100	1800	sfc anal
2112	1200	Thickness/geopotential height anal
2124	1200	24hr thickness/geopotential height prog
2136	1200	24hr 850hPa winds prog
2148	1200	24hr 700hPa winds prog
2200	1800	sfc anal
2212	1800	24hr sfc prog
2224	1800	24hr reduced visibility prog
2236	1800	24hr sfc wind/precipitation prog
2248	1800	24hr sfc dewpoint/sea sfc temp difference prog
2300	1800	sfc anal
2312	1800	24hr sfc prog
2324	1800	24hr sea/swell prog
2336	1200	24hr thickness/geopotential height prog
2348	0000	Gale warning summary

Gulf service (beamed):

H24 on 6834 18261 Khz
 HX/previously logged on 3289.5 8652 10576.5 12390 14356 14436 khz

Time(z)	V.T.	Product
0230	---	Schedule
0306	0000	sfc anal
0406	0000	sfc anal
0506	0000	sfc anal
0630	0000	24hr sfc prog
0642	0000	48hr sfc prog
0654	0000	72hr sfc prog
0706	0000	96hr sfc prog
0718	0000	120hr sfc prog
0754	0000	24hr sfc prog
0806	0000	24hr ambient noise prog
0818	0000	24hr mixed layer depth prog
0830	0000	24hr sea/swell prog
0842	0000	24hr sea sfc temp prog
1430	---	Schedule
1506	1200	sfc anal
1806	1200	sfc anal
1830	1200	24hr sfc prog
1842	1200	48hr sfc prog
1854	1200	72hr sfc prog
1906	1200	96hr sfc prog
1918	1200	120hr sfc prog
2006	0000	24hr ambient noise prog
2018	0000	24hr mixed layer depth prog
2030	0000	24hr sea sfc temp prog
2042	0000	24hr sea/swell prog
2206	1200	24hr sfc prog

::: FWOC solicites QSL Reports

It will be noted in the new Atlantic schedule above that at 0124/1324 is the entry QSL. At this time Northwood sends a chart headed QSL Reports. It is addressed/requests:

"To any person receiving this transmission
 Please fill in the boxes below and return to
 the addressee above.
 A QSL card will be sent to all respondees."

The boxes request

Frequency
 Time of receipt (Local)
 Time of Receipt (UTC)
 Quality of reception
 Location (Lat/Long)
 Ship's Heading.

The report should be sent to
 FWOC
 JSU Northwood
 Middlesex
 HA6 3HP
 United Kingdom

>>....Military.....>

::: STANAG 4285 decodes

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By virtue of the users of STANAG 4285 being NATO anyWUN decoding this mode is likely to be presented with encrypted "garbage". However recently a number of stations have appeared where the decode has offered a little more; in short and long term appearances.

Freq/usb	BPS/Intlv	Term.mode	Comments
4803.0	300/L	ASCII 7N1	French. No Callsign. Repeated number of paragraphs terminated with "Cherbourg de Brest".
6316.2	300/L	ITA2 5N1	Italian Navy CARB
7906.0	300/L	ASCII 7N1	French(?) testing - no callsign
8149.2	600/L	ITA2 5N1	Italian Navy CARB
8413.2	600/L	5bit Sync	KG84/vmgtn encryption. Burst mode. Causing QRM to GMDSS alert frequency 8414.5 kHz.

Thanks Leif for the input.

>>...National Governmental.....>

::: Spanish Customs

11114/USB showed interesting ALE exchanges recently with messages being transferred in DTM mode using IDs MAD and PTR.

This is apparently a Spanish Naval channel. Receipt of further messages containing a position report and the addressee A.O.N.A provided some further clues.

```
[07:01:28][FRQ 11114000][TO ][PTR ][TIS][MAD ][AL0] BER 29 SN 21
[CMD DTM KD1=0,KD2=1,KD3=0,KD4=0 ARQ DC=160 "zx"]
[CMD DTM KD1=0,KD2=1,KD3=1,KD4=1 EXTENDED DC=029 "DE:PETREL I
A :A.O.N.A.
```

MSG NO.32
27-05-04

BUENOS DIAS 018-29W R/340 V/10 NE 4/5 ["CFMTITUD 29-39n" given in subsequent message]

SALUDOS

NNNN
"]

Later

```
[07:25:20][FRQ 11114000][TO ][MAD ][TIS][PTR ][AL0] BER 30 SN 30
[CMD DTM KD1=1,KD2=1,KD3=0,KD4=0 ARQ DC=160 "x\""]
[CMD DTM KD1=1,KD2=1,KD3=1,KD4=1 EXTENDED DC=03D "DE AONA
A PETREL
MSG TX-324 27-05-04 09:24
SE ABORTA LA OACION DEL BORA. HA ENTRADO EN LAS
AZORES.
DIRIGETE A 3700nN Y 1700 wW MODRERADO Y ESPERA INSTRUCCINONES
NNNN ""]
```

"Petrel-I" is a Spanish Customs vessel sending his position report (29 39N 018 39W) course (Rumbo), speed (Velocidad) and wind speed/direction (NE = Noreste) North East force 4/5. Looks like he's patrolling the Islands at the moment, and has just aborted "Operation Bora"

This vessel, callsign EBCJ, is a unit in the Servicio Vigilancia Aduanera
Pagina 353

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(SVA). Turning to AONA Madrid this is Adjunto de Operaciones Navales or Aduaneras.

It's worth taking a look at the URL:
<http://www.telecable.es/personales/sva/alfa.html>
for further information. This is in Spanish but there is a "translate to English" link. Some pages are still under construction.

If WUN follows the Bases link ports where various patrol vessels (of varying sizes) are based is given and here, under Vigo, will be found a photo of Petrel I.

May be of assistance if further IDs come up on this, or other frequencies.

Thanks to Monteria LLC for the translation and link.

>>....Press.....>

::: KCNA no longer

Further a post from and a subsequent email exchange with Eric Earl it seems it can be taken that the "press" emissions from KCNA Pyongyang are now a thing of the past. Eric reports "the last time I saw them on 11 MHz was Jan. of this year. I don't have anything for 13 but almost without exception if they were xmitting on 11 they were also on 13."

Japan Ute Monitor advises "No KCNA seen here since July of last year" and a search of the WUN Logs Columns post-2000 shows the last reference (by Murray Lehman) was not for a valid frequency (11430) but for it's second harmonic (22860).

Maybe the increase in speed to 100bds (See DR Feb03 - KCNA speeds up) was the straw which broke the camel's back and KCNA finally blew a gasket!

With KCNA's apparent demise, and excluding shippress (eg by Olympia Radio and retransmissions by Philippine ships), the Press sector is no longer part of the HF scene - unless somewUN knows different.

>>....Special.....>

::: Lightning Protection

Jack Painter, WUNner and USCG Auxiliary participant, has recently completed a major review and instal of lightning protection measures at his Virginia Beach, VI, USA location (Oceana Radio).

The overview of this is now documented as part of his website and can be found at <http://members.cox.net/pc-usa/station/grounding>

Well worth the read particularly for those in areas subject to heavy summer lightning storms. Thanks Jack

>>....Signoff.....>

Enjoy your monitoring and see you in a month. Regards Day

Compiled by Larry Van Horn, N5FPW
Brasstown, NC USA, larry@grove-ent.com

=====

Well it has been a little over six months since the Gov/MLA list has been updated. So we will suspend this months regular column format and present a new version of the WUN Gov/MLA that is posted also to our Special Reports section of the website. I have added some new material and a special thanks to Ron Perron for his profiles (i.e. Venezuela National Guard, etc) and Jeff Haverlah for some STRATCOM updates. 73 all and good hunting. Larry

=====

Government and Military Systems
Frequency/Channel/Designators List

=====

Last Revision: 24 June 2004

Legend:

MF = Moved From (freq in MHz)
RTTY = Radioteletype
US = United States
USB = Upper Sideband

=====

UNITED STATES MILITARY LISTINGS

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*Department of Defense Joints Chief of Staff Nets

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High Frequency Global Communications System (HF-GCS)

=====

The U.S. Air Force High Frequency (HF) Global Communications System (HF-GCS) is a worldwide network that currently consists of 15 high-power HF stations which provide air/ground HF command and control radio communications between all Department of Defense (DoD) ground agencies, aircraft and ships. Allied military and other aircraft are also provided support in accordance with agreements and international protocols as appropriate. The HF-GCS is not dedicated to any service or command, but supports all authorized users on a traffic precedence basis.

On Jun 1, 1992, the former Global HF System (GHFS) was created by consolidating other U.S. Air Force (USAF) and U.S. Navy (USN) HF networks, including the USAF Global Command and Control System (GCCS), the Navy's Ship-to-Shore High Command (HICOM) network, and the dedicated Strategic Air Command (SAC) Giant Talk System. The goal of the merger was to develop one worldwide non-dedicated HF network capable of providing Command and Control (C2) HF communications support to all authorized DoD aircraft and ground stations. As of 1 October 2002, the former GHFS network is now known as the HF Global Communications System (HF-GCS).

The old high power HF equipment being utilized within the HF-GCS has now been replaced with "Scope Command" equipment. Scope Command incorporates Automatic Link Establishment (ALE) technology for use over HF. Scope Command is not the name for this network as some have indicated in the past post to the WUN and other newsgroups. It is the name of the equipment upgrade being done to the network. In January 2003, all HF-GCS station transmit and receive equipment is remotely controlled from the Centralized Net Control Station (CNCS) at Andrews AFB, Maryland.

This ALE technology automates many of the functions performed by the operator such as selecting the best propagating frequency from a list of authorized frequencies.

Net Procedures

General Calling - Aircrews use a preliminary call as outlined in ACP-121 US Supp 2 using the collective callsign "MAINSAIL" or the HF-GCS station call sign (example: Sigonella Global this is Dark 86 on 11175, OVER).

HF-

GCS operators require approximately 10 seconds (for automated equipment configuration) to respond to calls for service. The HF-GCS operator may request the aircraft change to a discrete frequency for improved and/or extended service.

Phone Patch Service - Phone patching allows direct voice communications between ground agencies and aircraft by electronically connecting telephone circuits to radio transmitters and receivers. Phone patch service is reserved for official unclassified business only and shouldn't

exceed five minutes. Patches of more than five minutes or of a sensitive nature should be run on a discrete frequency. Aircrews requesting a

phone

patch must include all information necessary for HF-GCS operators to complete the call, such as the identity or location of the called

parties

and telephone number if known. Phone patches are monitored by HF-GCS operators and if radio reception isn't of sufficient quality to complete the patch, they will attempt to copy the traffic and relay it to addressees.

Message Relay Service - HF-GCS operators transcribe encoded or plain-text

messages for aircraft or ground stations and forward them to the addresses by radio or landline. The text of the messages can be in the form of alphanumerics, code words, plain text, acronyms, and/or numerical

sequences. Aircrews may use "READ BACK" procedures when the message data is critical, or when an incomplete transmission is suspected due to poor radio reception. All messages received by Global stations will be accepted and delivered by the fastest means available according to precedence and priority.

Published Frequency Listing - HF-GCS stations operate on "core" frequencies to provide increased "Global" coverage. The published frequency listing does not reflect complete system frequency authorizations. These published frequencies will be used for initial contact, EAM broadcasts, and short term C2 phone patch and message delivery. Other extended or special services will be moved to each station's available "discrete" frequencies. Any and all known discrete frequencies for these stations have been incorporated below in the HF-GCS station listings.

Frequency Guide - The frequency guide below is used by units contacting this net and is designed to optimize their air/ground communications.

Primary HF-GCS Frequencies - 24 hours	8992.0	11175.0
Back up HF-GCS Frequencies - DAY	13200.0	15016.0
Back up HF-GCS Frequencies - NIGHT	4724.0	6739.0

Commonly heard callsigns

BRICKWALL	Osan Air Mobility Control Center (AMCC)
DENALI	Elmendorf Air Mobility Control Center (AMCC)
HILDA GLOBAL	Tanker Airlift Control Center Scott AFB
TRACKER	US Air Force Europe Tanker Recce Airlift Control Center (UTRACC)

MAINSAIL Authorized users may contact and request service from Global HF System stations by using the general net air-ground call sign "MAINSAIL". Any Global station hearing the call "MAINSAIL" will respond and provide the requested service.

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S4JG A universal Navy call sign assigned to Patrol Squadrons (VP) for use in radio checks. Instead of using the briefed, tactical call sign, the Navigation/Communications operator on the P-3C Orion aircraft would use S4JG on voice and also teletype to get a communications check with a Tactical Support Center (TSC), HF-GCS station or Anti-Submarine Warfare (ASW) Operations Center (ASWOC). In theory by using S4JG, the tactical call sign is less likely to be compromised.

SKYBIRD The collective call sign for all U.S. Strategic Command (USSTRATCOM) command posts, launch control centers, Global HF stations, Air Traffic Control (ATC) towers on Air Combat Command (ACC)/Air Mobility Command (AMC) host tenant bases, Single Sideband (SSB) HF radio stations, and air defense sites in Canada.

SKYKING The collective call sign for all Single Integrated Operational Plan (SIOP) committed aircraft and missile crews. Its meaning is "all SIOP committed aircraft and missile crews copy the following message."

SKYMASTER The collective callsign to all USSTRATCOM airborne command post.

The current station list for the HC-GCS net is as follows:

Andersen Air Base (AB), Guam (Voice call Guam Global)
 Summer: 4724.0 (1300-2000Z) 6739.0 (1100-2000Z) 13200.0 (2000-1300Z)
 15016.0 (2000-1100Z)
 Winter: 4724.0 (1200-2030Z) 6739.0 (1000-2030Z) 13200.0 (2030-1200Z)
 15016.0 (2030-1000Z)
 Year round/24 hours: 8992.0 11175.0

Andrews AFB, Maryland (Voice call Andrews Global) HC-GCS CNCS
 Summer: 4724.0 (0430-0930Z) 6712.0 (0230-0930Z) 13200.0 (0930-0230Z)
 15016.0 (0930-0230Z)
 Winter: 4724.0 (0200-1230Z) 6712.0 (2400-1230Z) 13200.0 (1230-0200Z)
 15016.0 (1230-2400Z)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 8058.0 11053.0 11159.0 11181.0 11214.0
 11220.0
 13960.0 14863.0 18015.0

Ascension Island (Voice call Ascension Global)
 Year round: 4724.0 (2400-0700Z) 6739.0 (1900-2400Z) 8992.0 (24 hrs)
 11175.0 (24 hrs) 15016.0 (0700-1900Z)
 Discrete Frequencies: 9043.0 11159.0 11226.0 14497.0

Croughton AB, United Kingdom (Voice call Croughton Global)
 Summer: 4724.0 (2230-0400Z) 6712.0 (2230-0400Z) 13200.0 (0400-2230Z)
 15016.0 (0400-2230Z)
 Winter: 4724.0 (1800-0800Z) 6712.0 (1800-0800Z) 13200.0 (0800-1800Z)
 15016.0 (0800-1800Z)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 4894.0 5708.0 5117.0 6728.0 6731.0 6993.0
 7567.0 7933.0 8032.0 9025.0 10648.0 11118.0 11129.0 11180.0
 11181.0 11220.0 11226.0 11232.0 11271.0 13822.0 15042.0 15091.0

Diego Garcia Naval Station, Indian Ocean (Voice call Diego Garcia Global)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 9012.0 11181.0 11226.0 11244.0 11269.0
 13254.0
 15095.0 20910.0

Elmendorf AFB, Alaska (Voice call Elmendorf Global)
 Summer: 4724.0 (1000-1300Z) 6739.0 (0800-1400Z) 13200.0 (1300-1000Z)
 15016.0 (1400-0800Z)
 Winter: 4724.0 (0230-1900Z) 6739.0 (0030-2130Z) 13200.0 (1900-0230Z)

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15016.0 (2130-0030Z)
 Year Round/24 hours: 8992.0 11175.0

Hickam AFB, Hawaii (Voice call Hickam Global)
 Summer: 4724.0 (1000-1600Z) 6739.0 (0500-1000Z) 15016.0 (1600-0500Z)
 Winter: 4724.0 (0800-1700Z) 6739.0 (0400-0800Z) 15016.0 (1700-0400Z)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 11181.0 13242.0

Keflavik NAS, Iceland
 Summer: 4724 (2200-0530Z) 6739.0 (2200-0730Z) 13200.0 (0530-2200Z)
 15016.0 (0730-2200Z)
 Winter: 4724.0 (2000-0800Z) 6739.0 (2000-1000Z) 13200.0 (0800-2000Z)
 15016.0 (1000-2000Z)
 Year round/24 hours: 8992.0 11175.0

Lajes AB, Azores (Voice call Lajes Global)
 Summer: 4724.0 (2230-0400Z) 15016.0 (0400-2230Z)
 Winter: 4724.0 (1800-0800Z) 15016.0 (0800-1800Z)
 Year round/24 hours: 8992.0 11175.0 13200.0
 Discrete Frequencies: 11220.0 13440.0 14896.0 23265.0

McClellan, California (Voice call McClellan Global)
 Summer: 4724.0 (0730-1300Z) 6739.0 (0530-1300Z) 13200.0 (1300-0730Z)
 15016.0 (1300-0530Z)
 Winter: 4724.0 (0500-1530Z) 6739.0 (0300-1530Z) 13200.0 (1530-0500Z)
 15016.0 (1530-0300Z)
 Year round/24 hours: 8992.0 11175.0

Offutt AFB, Nebraska (Voice call Offutt Global)
 Summer: 4724.0 (0600-1100Z) 6739.0 (0400-1100Z) 13200.0 (1100-0600Z)
 15016.0 (1100-0400Z)
 Winter: 4724.0 (0300-1400Z) 6739.0 (0100-1400Z) 13200.0 (1400-0300Z)
 15016.0 (1400-0100Z)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequency: 10589.0 11053.0 11159.0 11181.0 12087.0

Salinas, Puerto Rico (Voice call Puerto Rico Global)
 Summer: 4724.0 (0300-1000Z) 6739.0 (0100-1000Z) 13200.0 (1000-0300Z)
 15016.0 (1000-0100Z)
 Winter: 4724.0 (0200-1100Z) 6739.0 (2400-1100Z) 13200.0 (1100-0200Z)
 15016.0 (1100-2400Z)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 7690.0 9006.0 10648.0 11056.0 11220.0 11484.0
 15087.0

Sigonella Naval Station, Sicily, Italy (Voice call Sigonella Global)
 Summer: 4724.0 (2230-0400Z) 15016.0 (0400-2230Z)
 Winter: 4724.0 (1800-0800Z) 15016.0 (0800-1800Z)
 Year round/24 hours: 6739.0 8992.0 11175.0 13200.0

Thule AB, Greenland (Voice call Thule Global)
 Year round/24 hours: 8992.0 11175.0 13200.0 15016.0
 Discrete: 11181.0 13215.0

Yokota AB, Japan (Voice call Yokota Global)
 Summer: 4724.0 (1200-1930Z) 6739.0 (1000-2130Z) 13200.0 (1930-1200Z)
 15016.0 (2130-1000Z)
 Winter: 4724.0 (0930-2200Z) 6739.0 (0730-2400Z) 13200.0 (2200-0930Z)
 15016.0 (2400-0730Z)
 Year round/24 hours: 8992.0 11175.0

Notes:

1. Summer schedules run from April-September. Winter schedules run from October-March
2. The Air Force Eastern Test Range (AFETR) HF Network may be used as a backup to GLOBAL. The net can be contacted on USB 10780.0 (primary) and 20390.0 kHz (secondary) using the call sign of CAPE RADIO. Another

backup

to the HF-GCS is profiled below in the US Air Force MARS section.

DoD Emergency Action Message (EAM) Broadcast Time Slots

These broadcast are commonly heard on HF-GCS primary frequencies plus 11244.0 kHz. Please note that not all HF-GCS published frequencies are active for every EAM broadcast time slot listed below. Also some of the activity listed below is not on HF-GCS published frequencies, but on other selected discrete frequencies.

For an in-depth discussion on what an EAM is, see the utility information

file on the WUN website at URL: <http://www.wunclub.com/files/eam.html>

Current as of 24 June 2004

H+00 HF-GCS Offutt AFB, Nebraska
 H+05 HF-GCS Andersen AB, Guam
 HF-GCS Croughton AB, United Kingdom
 H+07 U.S. Navy E-6 TACAMO (Take Charge and Move Out) Atlantic (LANT) aircraft (6697.0/13155.0 kHz)
 H+08 U.S. Navy E-6 TACAMO aircraft HF-GCS six character EAMs "FOR..."
 H+09 HF-GCS McClellan AFB, California
 H+14 U.S. Navy E-6 TACAMO Pacific (PAC) aircraft (6697.0/13155.0 kHz)
 H+20 HF-GCS Salinas, Puerto Rico
 H+21 HF-GCS Elmendorf AFB, Alaska
 H+25 USSTRATCOM Looking Glass mission aircraft
 H+29 HF-GCS Sigonella Naval Station, Sicily
 H+30 HF-GCS Andrews AFB, Maryland
 H+34 HF-GCS Hickam AFB, Hawaii
 H+35 HF-GCS Croughton AB, United Kingdom
 H+37 U.S. Navy E-6 TACAMO LANT aircraft (6697.0/13155.0 kHz)
 H+38 U.S. Navy E-6 TACAMO aircraft HF-GCS six character EAMs "FOR..."
 H+40 HF-GCS Elmendorf AFB, Alaska
 H+44 U.S. Navy E-6 TACAMO PAC aircraft (6697.0/13155.0 kHz)
 H+46 Unknown station
 H+49 HF-GCS McClellan AFB, California
 H+50 HF-GCS Lajes AB, Azores
 H+55 USSTRATCOM Looking Glass mission aircraft
 H+59 HF-GCS Sigonella Naval Station, Sicily

Earlier examples of this broadcast schedule can be seen in the various 1980s editions of the Grove Shortwave Directories (usually on page 5 for those that still have them) - Those minutestamps were also used for the then common "standing by for traffic" calls heard from the various GIANT TALK ground stations operating under their pre-92 daily changing callsign aliases.]

The FOXTROT (SKYKING) messages are also common, or at least they used to be. You should generally hear more than two over any 24 hour period. Of interest, the preface to the FOXTROT broadcasts that would name the echoing ground stations have not been heard (here) since maybe sometime in April 2003 (around the end of major combat in Iraq.) I've heard no instance of a request to DIEGO GARCIA or THULE or anyone else since around that time, just the occasional FOXTROT broadcast from ANDREWS or whoever. They dropped the DECENT, ENLIST, FAIRLY, EYESTRAIN, DEFROSTER echo requests sometime around Sept 2001 (maybe) to be replaced with plaintext station names (THULE; DIEGO GARCIA; CYPRUS FLIGHT WATCH) after 9/11, and now since around April 2003 maybe nothing.

Busiest frequencies are 8992.0 ("Eight-Niner") and 11175.0 ("Triple-1"), which most stations guard around the clock. The others operate on a schedule which changes twice yearly, on the first of April and October. The upper sideband (USB) mode is used on all HF-GCS frequencies listed above.

Note: The data signal you will on 9025.0 kHz is ALE which is a computerized system that simplifies HF operation (see section below). Older frequency circulated on the internet continue to list 8968.0 and

17976.0 kHz, but these were removed from HF-GCS service over three years ago.

Scope Command HF ALE Network

=====

The ALE system used by the JCS HF-GCS network is designated MIL-STD-188-141A. You can download a software program developed by Charles Brain to decode these digital transmissions at the following URL: <http://www.chbrain.dircon.co.uk/>.

ALE allows automated ground agency contact by selecting the best station and best frequency without operator interaction. ALE radios make this possible by using a datafill that contains frequency, station and other pertinent information. For ALE radios to operate properly, the radio must have a loaded datafill, be turned on in the "automatic" mode and remain there the duration of the flight. If the radio is removed from the ALE mode, history tables will require time to rebuild and initial communications may be slightly degraded.

Frequencies used in this net include:

2805.0 3059.0 3137.0* 4721.0* 5708.0* 6715.0 6721.0* 7632.0*
 8965.0 9025.0* 9057.0 11226.0* 11250.0 13215.0* 15043.0*
 18003.0* 20631.0 23337.0 27870.0

* indicates active Scope Command ALE traffic.

Net participating stations, identifiers and specific frequency assignments used in the HF-GCS ALE net:

Andrews AFB, MD USA	ADW	3137	4721	5708	6721	9025	11226	13215
15043 18003 23337								
Ascension Island	HAW	3137	4721	6721	9025	11226	13215	15043
18003 23337								
RAF Croughton, UK	CRO	3137	4721	6721	9025	11226	13215	15043
18003 23337								
NSF Diego Garcia	JDG	3137	4721	5708	6721	9025	11226	13215
15043 18003 23337								
Elmendorf AFB, AK USA	AED	3137	4721	5708	6721	9025	11226	13215
15043 18003 23337								
Andersen AFB, Guam	GUA	3137	4721	5708	6721	9025	11226	13215
15043 18003 23337								
Hickam AFB, Hawaii	HIK	3137	4721	6721	9025	11226	13215	15043
18003 23337								
NAS Keflavik, Iceland	IKF	3137	4721	5708	6721	9025	11226	13215
15043 18003 23337								
Lajes AB, Azores	PLA	3137	4721	5708	6721	9025	11226	13215
15043 18003 23337								
McClellan, CA USA	MCC	3137	4721	5708	6721	9025	11226	13215
15043 18003 23337								
Offutt AFB, NE USA	OFF	3137	4721	5708	6721	9025	11226	13215
15043 18003 23337								
Salinas, PR	JNR	3137	4721	5708	6721	9025	11226	13215
15043 18003 23337								
Sigonella, Sicily Italy	ICZ	3137	4721	5708	6721	9025	11226	13215
15043 18003								
RAF Port Stanley, Falkland Island (South Atlantic)	MPA	3137	4721	5708	6721	9025	11226	13215
15043 18003 23337								
Yokota AB, Japan	JTY	3137	4721	6721	9025	11226	13215	15043
18003								

Some non HF-GCS stations observed in this net:

CEF 439AW, Westover AFB, MA
 GVT Raytheon, Greenville, TX
 OKC Oklahoma City (Tinker AFB), OK
 RIC CAP Region 2 MER/CAP National Technology Center, Richmond, VA
 RSC Rockwell Scope Command Facility, Greenville, TX
 TAG Incirlik AB, Turkey (HF-GCS Facility Closed)

WRL Warner-Robins AFB, GA

Preset telephone number codes imbedded in Scope Command ALE command lines:

PCHS Charleston Command Post
 PDOV Dover AMCC
 PERT Rota
 PMET Hilda Metro
 PPLA Lajes AB
 PTAE Hilda East
 PTAR Ramstein AB
 PTAW Hilda West
 PWRI McGuire AFB

NIPR/SIPR HF ALE Network

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Courtesy of Ron Perron

SIPR (Secret Internet Protocol Router) Network Frequencies
 5702.0 6715.0 8968.0 11181.0 17976.0 27870.0

SIPR Gateways/Frequency Matrix:

ADWSPR Andrews AFB, Maryland
 5702.0 6715.0 8968.0 11181.0 17976.0 27870.0
 CROSPR Croughton AB, United Kingdom
 5702.0 6715.0 8968.0 11181.0 17976.0 27870.0
 HAWSPR Ascension Island
 8965.0 11181.0 17976.0
 ICZSPR Sigonella AB, Sicily, Italy
 5702.0 6715.0 8968.0 11181.0 17976.0
 IKFSPR NS/NAS Keflavik, Iceland
 11181.0 17976.0
 JDGSPR Diego Garcia, Indian Ocean
 11181.0 27870.0
 JNRSPR Salinas, Puerto Rico
 6715.0 8968.0 11181.0 17976.0
 MCCSPR McClellan, California
 5702.0 6715.0 11181.0
 OFFSPR Offutt AFB, Nebraska
 5702.0 6715.0 8968.0 11181.0 17976.0
 PLASPR Lajes AB, Azores
 5702.0 6715.0

Other Stations

RIC 4721.0 5702.0 5708.0 6721.0
 WRL 5708.0 6721.0
 DVL 5708.0

Editors Note: I do not believe that the three addresses listed above are part of the SIPR net. I think they are part of another USAF point-to-point net that share some of the SIPR frequencies-LVH.

NIPR (Non-Secure Internet Protocol Router) Network Frequencies
 3068.0 4745.0 5684.0 8965.0 11199.0 13242.0 17973.0 20631.0

NIPR Gateways/Frequency Matrix:

ADWNPR Andrews AFB, Maryland
 3068.0 4745.0 8965.0 11199.0 13242.0 17973.0 20631.0
 CRONPR Croughton AB, United Kingdom
 17973.0
 MCCNPR McClellan, California
 5684.0 8965.0 13242.0 17973.0
 OFFNPR Offutt AFB, Nebraska
 5684.0 8965.0 11199.0 13242.0 17973.0 20631.0

MYSTIC STAR Network

=====

This is a worldwide communications system, operated and maintained by elements of the United States Army, United States Navy, and United States

Air Force under the control of the Defense Information Systems Agency (DISA) Operations Center. Its network provides worldwide communications by directly controlling radio equipment located at Global HF system stations. It consists of ultra high frequency satellite and HF networks supporting Presidential, special air, commanders-in-chief, Joint Staff, very important persons, and command airborne missions. The Mystic Star HF network consists of: a single master net control station (MNCS) located at Andrews AFB Maryland, interstation and intersite circuits, and relay and auxiliary communications subsystems. (Source Air Force Instruction 33-106)

F003	8036.0	(1)	F005	9120.0	(3)	F007	4850.0
F009	17972.0		F020	16117.0	(1)	F033	15962.0
F039	10881.0		F046	13823.0		F054	8058.0 (9)
F058	4742.0	(6)	F061	23265.0	(2)	F063	14870.0
F064	11214.0	(3)	F066	15036.0		F077	Unknown
F078	18532.0		F080	15677.0		F084	13205.5
F085	6993.0		F086	9461.0		F089	13204.0 (1)
F090	6716.0		F094	9017.0	(2)	F098	14585.0
F099	13247.0	(0)	F101	12106.0	(6)	F102	11118.0 (2)
F103	11488.0	(6)	F107	Unknown	(8)	F108	7316.0
F114	6986.0	(6)	F117	6993.0	(8)	F124	11217.0 (6)
F126	12087.0	(2)	F128	23242.0		F134	4942.5
F136	5429.5	(7)	F146	9027.0	(1)	F153	8063.0 (6)
F171	18403.5	(9)	F173	14420.5		F174	20650.0
F182	3078.0	(6)	F184	10648.0	(8)	F186	3046.0
F194	13825.0	(5)	F195	20631.0		F197	4982.0 (6)
F202	16014.0	(5)	F204	12057.0		F211	11056.0 (7)
F213	Unknown		F220	11181.0		F226	5435.5 (6)
F228	7735.0	(5)	F229	Unknown	(8)	F236	15041.0 (9)
F240	Unknown	(8)	F243	18590.0		F248	5398.0 (5)
F249	4731.0		F250	15091.0	(2)	F251	13217.0 (1)
F262	10717.0		F264	7693.0	(6)	F265	15733.0 (1)
F266	7997.0	(6)	F267	6730.0	(2)	F268	7325.0 (2)
F271	18320.0		F277	11153.0	(1)	F287	11226.0 (2)
F290	8026.0	(2)	F291	13960.0	(1)	F292	9414.5
F295	11460.0	(3)	F300	15707.0	(0)	F301	7500.5 (2)
F302	Unknown		F310	Unknown		F311	11220.0 (3)
F322	Unknown		F326	14864.0		F327	18716.0
F337	18761.0		F341	16083.0		F350	5043.0
F351	Unknown	(9)	F354	11053.0	(2)	F356	7827.0
F360	7919.5	(8)	F363	15018.0	(7)	F365	11059.0 (1)
F369	20397.0	(8)	F370	17177.0		F372	16123.0 (8)
F380	3144.0	(5)	F382	15094.0	(6)	F395	9057.0 (1)
F400	6728.0	(5)	F404	7690.0	(2)	F405	6972.0
F406	18393.0	(6)	F417	4992.0		F419	11407.0 (5)
F420	7933.0	(7)	F432	6731.0	(8)	F433	20972.0
F435	3821.0		F437	5684.0	(6)	F441	17440.0 (1)
F444	19267.0		F448	16-18 MHz		F451	13248.0 (9)
F452	5026.0		F453	19063.0		F461	13211.0 (1)
F463	4610.0	(1)	F464	16157.0		F465	8040.0 (0)
F466	14864.5	(0)	F467	9023.0	(3)	F476	4-6 MHz
F481	7605.0		F483	18626.0		F486	5152.0 (9)
F487	24483.0		F489	5437.0	(7)	F496	11059.5 (2)
F497	5411.0	(7)	F498	8032.0	(1)	F499	4442.0 (0)
F500	8989.0	(6)	F505	9006.0	(2)	F515	Unknown (2)
F516	4645.0	(6)	F517	9270.0	(6)	F521	11484.0 (2)
F522	11232.0	(2)	F523	9215.0	(9)	F529	8077.0 (7)
F530	23325.0		F533	18675.0	(6)	F538	Unknown
F540	5404.5		F541	Unknown	(2)	F542	5431.0 (6)
F543	8083.0		F545	10580.0		F546	18400.0
F551	18331.0	(6)	F555	4894.0	(6)	F561	11052.0 (6)
F567	13565.0	(6)	F569	18387.0		F574	11413.0 (6)
F575	10427.0		F576	11153.5	(2)	F577	10544.0 (7)

WUN-v10

F579 Unk 11 MHz F595 10877.0 F600 13878.0 (6)
 F611 14863.0 F614 4488.8 (8) F616 9320.0 (2)
 F622 5817.0 F623 18317.0 F624 13241.0 (1)
 F626 19343.0 F627 7910.0 (5) F631 18755.0 (5)
 F633 18290.0 (1) F639 7469.0 F642 18218.0 (2)
 F644 15821.0 (5) F646 13440.0 (2) F649 8053.0 (6)
 F655 11053.0 F662 15048.0 (6) F664 15 MHz
 F667 6817.0 (7) F673 3064.0 F677 6 MHz
 F690 3032.0 F700 4490.0 F701 11058.0 (7)
 F702 9323.0 (6) F703 9991.5 (6) F706 8057.0 (5)
 F707 10589.0 (2) F708 23377.0 F709 9317.0 (7)
 F710 4458.0 F713 16246.0 (5) F717 10883.0
 F722 12270.0 (9) F723 18323.0 (6) F728 11236.0 (5)
 F731 6683.0 (1) F732 15011.0 (7) F734 4757.0 (7)
 F736 11494.0 (8) F741 7873.0 F748 6756.0 (5)
 F749 15-16 MHz F752 8047.0 (2) F754 11627.0
 F758 4452.0 (8) F777 3113.0 (6) F778 18023.0 (8)
 F784 9043.0 (6) F785 15687.0 (6) F790 16323.0
 F793 Unknown (0) F800 Unknown (2) F803 5078.0?
 F807 12103.0? F809 5700.0 (5) F814 6989.0 (7)
 F821 Unknown F823 11229.0 (1) F825 19047.0?
 F832 18267.0 F843 Unk 6 MHz F845 6-7 MHz
 F846 13822.0 (5) F853 12 MHz (0) F864 16008.0 (2)
 F867 6830.0 (7) F868 9218.0 (6) F869 16090.0
 F873 13248.0 (7) F874 13246.0? F875 6717.0 (1)
 F877 4721.0 (7) F885 13207.0 (5) F891 11053.5
 F895 5710.0 (9) F904 10202.0 (0) F906 4524.0
 F909 7687.0 (8) F910 19671.0 (9) F912 7330.0
 F915 12107.0 F917 10205.0 (6) F918 13482.0
 F919 11159.0 (2) F920 7927.0 (2) F924 16317.0
 F932 Unknown (2) F933 Unknown F935 7922.5
 F937 Unknown F940 11445.0 (0) F943 19002.0 (6)
 F948 15038.0 (6) F952 Unknown F956 Unknown
 F957 6761.0 (0) F965 11466.0 (2) F974 10586.0 (6)
 F975 Unk 11 MHz F980 15724.0 F982 9,13 MHz
 F987 10583.0 (6) F988 4763.0 F997 15667.0

Frequencies 4441.0, 6671.0, 8260.0, 18801.0 and 25363.0 has been heard carrying "Mystic Star" traffic, but no designator is known. Designator F171 and signals associated with this net have been monitored on 18397.4 vice the 18403.5 we have listed above.

=====
 *United States Strategic Command (USSTRATCOM)
 =====

HF "Zulu" Airborne Command Post Net

Z100	3068.0	(9)	|	Z180	9057.0	(3)	|	Z265	18024.0	(0)
Z105	3116.0	(2)	|	Z185	9809.0	(0)	|	Z270	18027.0	(0)
Z110	3134.0?	(8)	|	Z190	10204.0	(3)	|	Z275	18046.0?	
Z115	3143.0	(9)	|	Z195	Unknown	(3)	|	Z280	18387.0	(2)
Z120	3295.0	(2)	|	Z200	11181.0	(3)	|	Z285	Unknown	
Z124	Unknown		|	Z205	11494.0	(2)	|	Z290	19665.0	(9)
Z125	4495.0	(2)	|	Z210	11229.0	(3)	|	Z295	19755.0	(2)
Z130	4472.0	(8)	|	Z211	12070.0	(2)	|	Z300	20167.0	(2)
Z135	4745.0	(2)	|	Z215	13242.0	(2)	|	Z305	20407.0	(9)
Z140	5026.0	(8)	|	Z220	13245.0	(2)	|	Z310	23337.0	
Z145	5705.0	(3)	|	Z225	13907.0	(1)	|	Z315	23872.0	(9)
Z150	5800.0	(2)	|	Z230	15046.0	(7)	|	Z320	24828.0?	
Z155	5875.0	(0)	|	Z235	15094.0	(3)	|	Z325	24978.0?	
Z160	6715.0	(2)	|	Z240	15097.0	(0)	|	Z330	26532.0?	
Z165	6757.0	(2)	|	Z245	Unknown		|	Z335	26859.0	(2)
Z170	7831.0	(2)	|	Z250	15962.0	(1)	|	Z340	Unknown	
Z174	Unknown		|	Z255	17973.0	(0)	|	Z345	Unknown	
Z175	9016.0	(4)	|	Z260	18006.0	(0)	|	Z350	Unknown	

NOTES:

- (7) Confirmed 1997
- (8) Confirmed 1998
- (9) Confirmed 1999
- (0) Confirmed 2000
- (1) Confirmed 2001
- (2) Confirmed 2002
- (3) Confirmed 2003

Note: At 1805 UTC on 16 Dec 2003, monitored female op using tac call calling other tac calls IDed frequency as Z-280/Z-230.

Note: A new frequency 7992.0 kHz has been uncovered by WUN member Jeff Haverlah in Texas during monitoring of a STRATCOM exercise on June 25, 2003. The frequency was being used by airborne command post participating in a STRATCOM communications exercise. No designator has been assigned at this time.

Other notes on USSTRATCOM related frequencies from Jeff Haverlah.

11244.0 kHz

1. This frequency is a special HF-GCS discrete that is used by *every* named HF-GCS station for Emergency Action Messages (EAM) and FOXTROT broadcast. In fact, it has been described as the "broadcast" frequency. Stations here do not respond to MAINSAIL general calls on this frequency.

2. This frequency is guarded by the Nightwatch 01 (US Air Force E-4 National Airborne Operations Center or NAOC) station (which uses daily changing callsign aliases) and is paired with 8992.0 kHz.

3. This frequency is used by the apparent USSTRATCOM Looking Glass mission aircraft for daily EAM transmissions at any time, and used for repeat EAM transmissions at H+25/H+55 mostly during North American daylight hours (and at any part of the day during exercises). Paired with 8992.0 kHz. Also guarded by the Glass mission and other U.S. Navy E-6 TACAMO aircraft when active.

Note: The primary mission of the Looking Glass aircraft is the ability to command, control, and communicate with its nuclear forces. Its highly-trained crew and staff ensure there is always an aircraft ready to direct bombers and missiles from the air should ground-based command centers become inoperable. Looking Glass guarantees that U.S. strategic forces will act only in the precise manner dictated by the president. On Oct. 1, 1998 the Navy's E-6B Mercury aircraft replaced the USAF EC-135 in the Looking Glass mission.

4. Used by possible tanker aircraft (maybe on their SIOP mission) passing 4-element groups to "SkyMaster" (NAOC and TACAMO aircraft) during exercises and paired with 8992.0 kHz. The 4-element groups have been called "TID traffic" by SKYMASTER aircraft.

5. Used by other U.S. government stations (i.e. Federal Emergency Management Agency-FEMA, etc) including the static call "Blue Grass" (Mt. Weather, Virginia) as a frequency to pass "Hotel" messages. These messages are passed to each other and to the NAOC aircraft (using an alias separate from that particular day's callsign). This activity is usually during the third week of each month, is not paired with 8992.0 kHz, and many of the station's use callsigns begin with the letter "A" (i.e. Axle Rod, Army Ruler, etc).

6. Units here always identify the frequency as 11244.0 kHz and not with
Pagina 364

a tactical designator.

6697.0 kHz

1. This frequency is used by the TACAMO aircraft for daily evening/night (North America) EAM transmissions during the following time slots:

H+07/H+37 by a TACAMO LANT aircraft
H+14/H+44 by a TACAMO PAC aircraft

2. EAMs have been heard at any time during initial broadcast, simulcast on 8992.0, 11244.0 and on the USSTRATCOM Zulu net frequencies above.

3. This frequencies is also used by possible TACAMO aircraft to communicate with trigraph identifier stations during exercises (usually to receive 3-element group traffic from these trigraph stations.)

4. Also is used 24-hours a day by the United Kingdom's station MKL and their trigraphs (many of these thought to be Nimrod aircraft).

13155.0 kHz

1. This frequency is used by the TACAMO aircraft for daily daytime (North America) EAM transmissions during the following time slots:

H+07/H+37 by a TACAMO LANT aircraft
H+14/H+44 by a TACAMO PAC aircraft

2. EAMs have been heard at any time during initial broadcast, simulcast on 8992.0, 11244.0 and on the USSTRATCOM Zulu net frequencies above.

3. The activity on this frequency apparently moved here from 11267.0 kHz a few years ago. 11267.0 now seems to be quiet probably indicating that it is no longer used for this purpose.

Other U.S. Navy frequencies heard recently with EAM broadcasts by Jeff Haverlah and the column editor.

4515.0 4848.0 5680.0 6512.0 6666.0 6686.0 6720.0 6724.0 6778.0
6833.0 6903.0 7501.0 7589.0 8020.0 8971.0 9007.0 9010.0 9036.0
9283.0 10515.5 10805.0 10994.0 11187.0 11255.0 11271.0 13155.0
14698.0 15038.0 15049.0 16117.0

These and other old U.S. Navy HF HICOM (High Command) frequencies have been active in past with heavy EAM traffic. (See HF-GCS section above about the demise of the HICOM network)

=====
*United States Air Force
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Special Operations Command (AFSOC)

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Air-to-Ground Nets
3044.0 352SOG RAF Mildenhall, United Kingdom Maintenance
3134.0 Hurlburt Field, Florida
4450.0 352SOG RAF Mildenhall, United Kingdom Exercise Operations
5204.5 352SOG RAF Mildenhall, United Kingdom (Blackhat) Primary
5349.0 352SOG RAF Mildenhall, United Kingdom (Blackhat)
5687.0 Hurlburt Field, Florida (Plantation/Seminole Operations)
5732.0 Hurlburt Field, Florida (Emerald Ops/Seminole Operations) FOX 2?
Kirtland AFB, New Mexico
6730.0 Hurlburt Field, Florida
9018.0 AFSOC Air-to-Air
9019.0 Hurlburt Field, Florida (Plantations Operations) FOX 4? ex-9017
9026.0 352SOG RAF Mildenhall, United Kingdom (Blackhat)
9161.5 352SOG RAF Mildenhall, United Kingdom (Blackhat) Primary
11611.0 Hurlburt Field, Florida (Seminole/Emerald Operations)

13206.0 Hurlburt Field, Florida (Plantations Operations) FIX 1? ex-13207 kHz

I have had no recent reports on 18027.0 (FOX 9) or 23271.0 kHz (FOX 8). Has anyone in the last year heard any AFSOC units using the FOX designators above? Also, the following frequencies were active with AFSOC activity until the overhaul of the OR frequencies several years ago. Does anyone know what frequencies have taken their place? 4721.0 6712.0 9017.0 9023.0 kHz.

RAF Mildenhall, United Kingdom

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6761.0 Aerial refueling tankers interplane (worldwide)

Ramstein AB, Germany

=====

6730.0 AMC Command Post (Metaphor)
9022.0 AMC Command Post (Metaphor)

Miscellaneous Listings

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11181.0 JStars aircraft discrete

Air Force Military Affiliate Radio System (MARS)

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You will also find a considerable amount of military aircraft voice traffic (official and unofficial) on the U.S. Air Force Military Affiliate Radio System (MARS) phone patch network frequencies: The primary frequencies are 13927.0 and 20992.0 kHz. These are fun and interesting frequencies to monitor. The complete list with designators are: (mode is USB)

Freq	Designator
4557.0	RK
7633.5	ACJ
13927.0	ACB (Primary)
14606.0	ACF
18617.0	???
20992.5	ACZ

MARS conducts a phone patch admin net on Sundays at 1600 UTC on 13977.0 kHz (ACC). Allan Stern has reported 18617.0 kHz as a new possible discrete for this network.

Civil Air Patrol (CAP) Tech

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Information from Ron Perron
Confirmed Frequencies (USB/ALE)
5006.0 6806.0 7602.0 8012.0 9047.0 11402.0 13415.0

Identifiers:

1. Surfing on the CAP web site and reading some of their pubs (Organization, Communications Procedures, CAP Alerting System) I've been able to confirm the following identifiers:

RIC CAP National Technology Center, Richmond VA
022NHQCAP National Ops Center (NOC) CAP Nat'l HQs, Maxwell AFB AL.

According to the CAP Alerting System Communications Actions publication under threat advisories Yellow (present condition), Orange & Red the NOC (Headcap 22) and the NTC (Headcap 33) are responsible for conducting the National Command Net with the NTC acting as alternate net control to the NOC. "Confidence checks" have to be conducted to ensure that the system is ready for any contingency. This probably explains the fairly heavy volume of soundings from 022, 047 & 062 NHQCAP identifiers.

2. Reading these same pubs and looking at the wiring diagram for Hqs, I've made a stab at the following identifiers:

047NHQCAP Possible Director of Communications (DOK), CAP Nat'l Hqs,
Maxwell AFB AL.
062NHQCAP Possible Director of Operations (DOO), CAP Nat'l Hqs,
Maxwell AFB AL.
034MERCAP Middle East Region, North Carolina poss Region Chief of
Staff

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*U.S. Army
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U.S. Transportation Command
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4146.0 Channel 1
6224.0 Channel 2
6227.0 Channel 3
8294.0 Channel 4
8297.0 Channel 5
12353.0 Channel 6
12359.0 Channel 7
12365.0 Channel 8

Army Corps of Engineers
=====

3345.0 Channel 1
5015.0 Channel 2
5327.5 Channel 3
5400.0 Channel 4
5437.5 Channel 5
6020.0 Channel 6
6785.0 Channel 7
9122.5 Channel 8 Primary
11693.5 Channel 9
12070.0 Channel 10 Secondary
12122.0 Channel 11
16077.0 Channel 12
16326.0 Channel 13 Teritiary
16358.0 Channel 14
20659.0 Channel 15

18th Airborne Corps HF ALE Net
=====

Courtesy of Ron Perron

Frequencies:

3238.5 4641.5 5883.5 6911.5 7361.5 8171.5 9295.0 10161.5 10680.0
12168.0

Identifiers:

18FABDEJAGCE 18th Field Artillery Bde
159X1 Probable 1/159th deployed/exercise Hqs
229JAGCE Probably 229th FA Bn (105mm howitzers)
327FAJAGCE 3-27th FA (MLRS)-Multiple Rocket Launcher Bn, 18th Airborne
Corps
FFAJAGCE Unidentified sub-unit of 18th FA Regt
P1Z159 1/159th Avn Bn, Ft Bragg
S03OPS Unidentified
S08OPS Unidentified
S12 Unidentified
S21 Unidentified
S41 Unidentified
T1Z159 1/159th Avn Bn, Ft Bragg
T18 Probably 18th Airbone Coprs Hqs

Continuity of Operations (COOP) HF ALE Net

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Courtesy of Ron Perron

Freqs (all USB)

3275.0 3285.0 5066.5 5088.5 6767.5 6985.0 7448.5 7510.0

Identifiers:

CECOM Army Communications & Electronics Command, Ft. Monmouth NJ.
 USACE1010 Army Corps of Engineers
 USADA1010 Unidentified
 USAFC1220 Army Forces Command (FORSCOM), Ft McPherson GA
 USAIS1012 Army Intelligence & Security Command, Ft Belvoir VA
 USAMC2120 Army Materiel Command, Alexandria VA
 USAMD1010 Army Medical Department ???
 USANG2409 Army National Guard HQs, Arlington VA
 USAPC1010 Army Pacific Command, Oahu HI

I believe the purpose of this net is to develop & maintain an HF ALE communications capability to support the major US Army commands. This net would probably provide backup communications capability in the event of failures of other means of communications, i.e. landlines, satellites, microwave/troposcatter.

This net is usually "tested" on wednesdays. Lately the US Army Intelligence & Security Command, Ft Belvoir VA has been acting as Net Control Station (NCS) for this net.

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*U.S. Coast Guard

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Air-to-Ground Nets

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3053.0 3056.0 3119.0 3122.0 4730.0 4733.0 5693.0 5696.0 5699.0
 8980.0 8983.0 11196.0 11199.0 11202.0 13218.0 13221.0 15082.0
 15085.0 15088.0 17988.0 17991.0

CAMSLANT Chesapeake, Virginia
 CAMSPAC Point Reyes, California
 GANTSEC Great Antilles Section

Secure Net

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The designators below appear to be changing. Allan Stern recently confirmed that 3E11 is now 6234.5 kHz instead of 6815.6 kHz. Mark Cleary confirms Allan's report and has added 8337.6 kHz is now 3E12 vice the old 7845.0 kHz. In addition, Mark has located 3A17 which is now IDed as 4716.6 kHz. Ron Perron has verified that 10608.1 kHz (3E5) has been tagged with a 3A02 identifier. Anyone else notice any others changes? Reports are requested.

4448.0 3A04
 4716.6* 3A17 Group Key West
 5272.0 3E06
 5399.6 3C16 GANTSEC
 5422.5 3A03
 6234.5* 3E11 ex-3E4
 6815.6 ???? ex-3E11 GANTSEC
 7421.0 3A09
 7626.0 3E10
 7773.5 3A08
 7845.0 ????
 7884.0 3E13
 7909.0 3E14 CAMSLANT
 8091.0 ????

8337.6* 3E12 ex-7845.0 for 3E12
 10608.1* 3A02 Group Miami ex-3E5
 10675.0 3E19
 10759.0 3E20
 10788.0 3E21
 10993.6 ???? Group Key West
 11157.5 3E24
 13413.0 3E25
 13809.0 ????
 13950.0 ????

Reference to a 3A5, 3A14, and 3A26 designators has been heard on the air.

For a full listing of USCG aircraft and helicopters, go to URL:
<http://www.wunclub.com/>

TISCOM Net

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USB/ALE: 4730.0 8859.0 13221.0 17988.0
 NMC US Coast Guard CAMSPAC Point Reyes, CA
 NMG COMSTA New Orleans, LA
 NMO US Coast Guard Honolulu, HI
 NOJ COMSTA Kodiak, AK
 TISCOM US Coast Guard Telecommunications & Information Systems
 Command, Arlington, VA

A1401 Net Frequencies

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This is a list of Ship/Shore Independent Sideband (ISB) frequencies. I call this set of frequencies the A1401 net.

2016.0 2040.0 2054.0 4913.5 5108.5 5217.0 5223.0 5266.0 5272.0
 5419.5 5942.5 6961.0 7439.0 7577.0 7617.0 7626.0 7754.5 7845.0
 7884.0 7909.0 9169.0 9291.0 9332.0 9373.0 10297.5 10338.5
 10354.5
 10378.0 10675.0 10759.0 10788.0 10929.5 10935.5 11024.0 11045.0
 11157.5 13413.0 13484.0 13537.7 13950.0 14506.0 14518.75 14731.0
 14752.0 14919.2 18189.0 18255.0 18283.0 18335.0 18497.0 18650.0
 18716.0 20095.0 20137.0 20518.0 20639.0 23373.0 23515.0

Atlantic only 2161.0

Pacific only 2144.0 5932.5 7713.0 9299.5 11165.8 18757.0

Your column editor is extremely interested in receiving activity reports on any of the above listed frequencies.

HF PACTOR II E-Mail Network

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Frequency	Net Control Station	Fleet	Day/Night
5272.2	NOJ	PAC	Night
6961.2	NMC1	PAC	Night
6964.4	NMC	PAC	Night
7442.3	Cutters	PAC	Night
7685.5	NNNOMDC	LANT	24hrs
8340.2	NMC	PAC	Night
10355.2	NOJ	PAC	24hrs
13827.5	NNNOMUC	LANT	24hrs
14506.2	NMC	PAC	Day
14752.2	Unknown	PAC	Day
14922.4	poss NOJ	PAC	Day
18192.2	NMC1	PAC	Day
20642.2	NMC	PAC	Day

Callsign Identity

 NAQD USCGC Jarvis WHEC-725
 NDWA USCGC Morgenthau WHEC-722
 NEGF Unid USCGC

NEPP	USCGC Healy WAGB-20
NGDF	USCGC Munro WHEC-724
NKJU	USCGC Kukui WLB-203
NLPM	USCGC Chase WHEC-718
NLVS	USCGC Rush WHEC-723
NMAG	USCGC Hamilton WHEC-715
NMC	Communications Area Master Station Pacific (CAMSPAC) Point Reyes, California
NMC1	Coast Guard Island, Alameda, California
NMEL	USCGC Mellon WHEC-717
NNHA	USCGC Acushnet, WMEC-167
NOJ	Communications Station (COMSTA), Kodiak, Alaska
NRCB	USCGC Eagle, WIX-327
NRPX	USCGC Buttonwood WLB-306
NRTF	USCGC Active, WMEC-618
NRUC	USCGC Storis WMEC-38
NRUO	USCGC Polar Sea WAGB-11 (no longer equipped)
NSTF	USCGC Steadfast WMEC-625
NYCQ	USCGC Boutwell WHEC-719
NZNE	USCGC Walnut WLB-205 ***New Ident***
NZVE	USCGC Alert WMEC-630
NNNOCBS	USCGC Durable, WMEC-628
NNNOCCK	USCGC Bear WMEC-901
NNNOCEQ	USCGC Harriet Lane WMEC-903
NNNOCES	USCGC Gentian (WIX-290)
NNNOCFA	USNS Persistent (T-AGOS 6)
NNNOCLL	Unid USCGC
NNNOCMD	USCGC Mohawk WMEC-913
NNNOCME	USCGC Northland WMEC-904
NNNOCMS	USCGC Courageous WHEC-716
NNNOCMV	USCGC Tampa WMEC-902
NNNOCNW	Unid USCGC
NNNOCNY	USCGC Campbell WMEC-909
NNNOCNZ	USCGC Tahoma WMEC-908
NNNOCSA	USCGC Seneca WMEC-906
NNNOCSP	USCGC Spencer WMEC-905
NNNOCSTB	USCGC Venturous WMEC-625
NNNOCVQ	USCGC Forward WMEC-911
NNNOCXK	USCGC Gallatin WHEC-721
NNNOCXS	USCGC Dallas WHEC-716
NNNOCYU	USCGC Vigilant WMEC-617
NNNOCZK	USCGC Vigorous WMEC-627
NNNOMDA	Atlantic Shore Station, Nazareth Pennsylvania (aka:
NNNKGKF)	
NNNOMDC	Atlantic Shore Station, HQ Navy & Marine Corps MARS, Washington DC (aka: NNNONAV)
NNNOMDF	Atlantic Shore Station, Coast Guard HQ, Washington DC (aka: NNNONCG)
NNNOMUC	Atlantic Shore Station
NNNONXZ	USCGC Confidence WMEC-619
NNNONZK	USCGC Dauntless WMEC-624

9th District HF Net

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Frequencies

3163.4 5423.9 7530.0 7621.6 (might have replaced 7629.1) 8126.4
9278.5 10373.6 11043.6

Station List

CGD9	Coast Guard District 9, Cleveland, Ohio
NODK	USCGC Bramble (WLB-392)
NODW	USCGC Sundew (WLB-404)
NODY	USCGC Acacia (WLB-406)
NRKP	USCGC Mackinaw (WAGB-83)
NRLX	USCGC Katmai Bay (WTGB-101)
NRLY	USCGC Bristol Bay (WTGB-102)
NRUR	USCGC Mobile Bay (WTGB-103)

NRUS USCGC Biscayne Bay (WTGB-104)
 NRUU USCGC Neah Bay (WTGB-105)

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 *U.S. Navy
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ELF Communications System
 =====

Frequencies: 76 Hz (primary) and 44 Hz (Secondary)
 There are two transmit sites: Republic, Michigan and Clam Lake,
 Wisconsin. This is used as a bell ringer communication system to
 submarines.

Strategic Communications Wing One (SCW-1)
 =====

6691.0 CA (7)
 11187.0 CB (0)
 17982.0 CC (9)
 11264.0 CH (9)

Also check 11267.0, 13240.0 and 14615.0. References have been made on
 the
 air to designators CD, CE, CF, CG, CK and CL.

Ships Electronics Systems Evaluation Facility (SESEF)
 =====

Point Loma, CA (USB): 2792.0
 Mayport, FL (USB): 5745.0 10711.0
 Barbers Point, HI (USB): 16087.0
 Norfolk (Fort Storey), VA (USB): 7535.0 8150.0 10711.0
 Ediz Hook, WA (USB): 3236.0
 Yokosuka, Japan (USB): 5304.0

Fleet Area and Control Facility (FACSFAC)
 =====

FACSFAC Virginia Capes, VA (USB) 2252.0

Strike Group Air Defense Networks
 =====

Frequencies (USB):
 3265.0

AFN HF Broadcast
 =====

Update to current schedules for the US Navy AFN broadcast on their
 website and NPR. They indicate that the NPR broadcast schedule isn't
 correct and made a correction to the schedule for the Guam broadcast.
 Below is the accurate schedule for AFN shortwave transmissions.
 Switchover from night to day, etc is based on local time at the
 transmitter site.

Station	Daytime	Nighttime
Barrigada, Guam	13362.0	5765.0
Diego Garcia	12579.0	4319.0
Keflavik, Iceland	13855.0	13855.0
	7590.0	7590.0
Key West, Florida	12133.5	12133.5
	5446.5	5446.5
Pearl Harbor, Hawaii	10320.0	6350.0
Roosevelt Roads, PR	7507.5	7507.5
Sigonella, Sicily	4993.0	10940.5

The QSL@mediacen.navy.mil email address is still good for reception
 reports to get the AFN QSL letter for these broadcast.

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 FOREIGN MILITARY SERVICES

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*Argentina

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3175.5 Navy LOR-Puerto Belgrano Baudot 170/75

*AUSTRALIA/NEW ZEALAND

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Air Force - RAAF/RNZAF

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The following information comes from the Enroute Supplement Australia (ERSA) a publication jointly published by the Royal Australian Air Force and Airservices Australia, February 26, 1998 edition, Nav/Comm 1.

1. The Royal Australian Air Force (RAAF/Royal New Zealand Air Force (RNZAF) Air Operations Communications System (AOCS) is a high frequency radio network providing communications services for the operational control of RAAF/RNZAF aircraft and HF equipped marine craft [army ground stations are also commonly heard]. In addition, visiting military aircraft may use the AOCS when contact with Australia/New Zealand military authorities is required. The AOCS is not part of, and does not provide, an air traffic control service, civil or military.

2. The AOCS network consist of six Air Operations Communications Centres (AOCCs) located at Sydney, Darwin, Townsville, Perth, Auckland [NZ] and Woodbourn [NZ]. The combined AOCS provides:

- A. A General Purpose Net (GPN) on which all AOCCs guard the same three frequencies. All AOCCs can transmit and receive on these three frequencies simultaneously.
- B. Discrete frequencies are available (if required) at each AOCC and allocated after initial contact on the GPN.
- C. Telephone patch facilities between aircraft and ground appointments.
- D. Continuous monitoring of military distress frequency 5696 kHz.
- E. Selective Calling (SELCAL): Available to suitably equipped aircraft.

GPN Frequencies:

Day (2100-0900 UTC) 8974.0 11235.0 13206.0 kHz
 Night (0900-2100 UTC) 3032.0 5687.0 8974.0 kHz
 Military Distress 5696.0 kHz

The RAAF and RNZAF share 8974 with the Spanish Air Force, and 5687 with the Portugese and German military services.

Discrete frequencies

RAAF Darwin: 6685.0 6709.0 6712.0 6727.0 6760.0 8968.0 8971.0
 8989.0 9025.0 11187.0 11199.0 11205.0 11271.0
 RAAF Perth: 6757.0 8977.0 9022.0 9025.0 11187.0 11271.0 15085.0
 18003.0 23203.0
 RAAF Sydney: 4715.0 5711.0 6730.0 6739.0 8971.0 8980.0 8989.0
 8992.0 9007.0 9019.0 9031.0 11202.0 11208.0 11226.0 11250.0
 13227.0 13245.0 13248.0 15067.0 17985.0
 RAAF Townsville: 5714.0 8971.0 8992.0 9007.0 11187.0 11247.0
 15034.0
 RNZAF Auckland: 6754.0 6760.0 8965.0 9010.0 9025.0 11178.0 11217.0
 11247.0 13212.0 13233.0 13245.0 15044.0 15055.0

AOCS Callsigns

Location	Voice Callsign
ASAOCS/NZAOCS collective	Air Force ANZAC
ASAOCS Collective	Air Force Australia
NZAOCS Collective	Air Force New Zealand
AOCC Auckland	Air Force Auckland
AOCC Darwin	Air Force Darwin
AOCC Perth	Air Force Perth
AOCC Sydney	Air Force Sydney

AOCC Townsville

Air Force Townsville

Australian Navy

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From an article on the Royal Australian Navy in the WUN newsletter:
Stations include: Canberra Control/Darwin Control/Exmouth Control/Perth
Control/Townsville Control

- 2768.0 A1
- 4375.0 A2
- 6510.0 A3
- 8122.0 A4
- 13116.0 A5
- 17344.0 A6
- 22708.0 A7/C5 (Tentative)

New Zealand Navy

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Auckland (USB): 3192.0 8316.5

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*Bahamas

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Bahamas Defense Forces
Frequency: 8156.0 (USB)
Station List
C6WWH C6R2066 C6R2067

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*BELGIUM

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Air Force

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Ground Station: Melsbroek (ONY)

- 3131.0 YA
- 4745.0 YD
- 6748.0 YF
- 8989.0 YG (Primary)
- 11268.0 YJ
- 15010.0 YM
- 18006.0 YO
- 18021.0 YP
- 20050.0 YQ
- 23332.0 YS

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*Brazil

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Air Force

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USB/ALE: 9010.0 13224.0 13972.0 17982.0

Stations:

Manaus

ALE Addresses:

Antares Bandeirantes Cerrado Hermes IndiaVictor Jupiter RDSGC
Saturino Scorpius Tamoio Tribo

Navy

=====

USB/ALE: 8031.0 9117.0 9306.0 11010.0 11452.0 11455.0 11486.0
11530.0 12132.0 12370.0 12437.0 13224.0 14705.0 14780.0 15932.0
19709.0 kHz

Shore Stations:

ERMBEL Belem
 ERMNAT Natal
 ERMRIO Estação Rádio da Marinha em Rio de Janeiro

Ships:

FDEFEN Frigate DEFENSERO F-41
 FCONST Frigate CONSTITUIÇÃO F-42 (Classe NITERÓI)
 FUNIAO Frigate F-45 UNIÃO (Classe NITERÓI)
 NDDCEA CEARÁ G-30(Navios de Desembarque-Doca)
 NEBRSL BRASIL U-27(Navio-Escola)

USB/ALE: 9117.0 13224.0 13972.0

BR1 Brasilia (VII Naval District)[tentative]
 CE1 Ceara (Naval Port)[tentative] or Fortaleza
 MS1 Manaus (Commando Naval do Amazona Occidental)[tentative]
 PE1 Sao Pedro de Aldeia (Naval Air Base)[tentative]
 RS1 Unidentified
 RS2 Unidentified
 RS3 Unidentified
 SMA Unidentified

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 *Canada
 =====

Canadian Forces (CanForce)
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Military Aeronautical Communications System (MACS)
 =====

3047.0 MACS Net: Edmonton, Halifax, Trenton
 3092.0 MACS Net: Edmonton, St. John's, Trenton
 4379.0 CanForce Discrete: Halifax
 4560.0 Maritime Command Net: Halifax, St John's (A6A)
 4703.0 MACS Net: Edmonton, St. John's, Trenton
 4739.0 AAR Net: Halifax, St John's
 5198.5 Maritime Command Net: Halifax (A2B)
 5684.0 St John's, Vancouver
 5699.0 CanForce Discrete (Pipeline/Gonzo aircraft)
 5702.0 Vancouver
 5714.0 MACS Net: Edmonton, St. John's, Trenton
 5717.0 SAR Net: Halifax, St. John's, Trenton, Vancouver-Pri
 5850.0 Halifax Maritime Air Group (D1B)
 6694.0 Halifax, Vancouver (D6G)
 6706.0 MACS Net: Edmonton, St. John's, Trenton
 6712.0 CanForce Discrete (Pipeline/Gonzo aircraft)
 6715.0 SAR Net: Halifax, Trenton, Vancouver (D3H)
 6745.0 MACS Net: Edmonton, Trenton
 6751.0 Halifax, Vancouver, SIDECAR (NORAD)
 6754.0 MACS VOLMET: Edmonton, St. John's, Trenton
 8050.0 CanForce Discrete: Trenton (poss CanForce ALE activity here)
 8989.0 MACS Net: Edmonton, Trenton (Initial contact freq when aircraft is west of 90 deg west)(D1H)
 8992.0 CanForce Discrete: Trenton
 9007.0 MACS Net: Edmonton, St. John's, Trenton (Initial contact freq when aircraft is east of 90 deg west)
 9010.0 CanForce Discrete: Vancouver
 9023.0 NORAD: Trenton (C5)
 9031.0 CanForce Discrete (Pipeline/Gonzo aircraft)
 10194.0 CanForce Discrete: Trenton (US/Canadian Ground/AWACS Discrete)
 11007.5 CanForce Discrete: Trenton (US/Canadian Ground/AWACS Discrete)
 11190.0 CanForce Discrete (Pipeline/Gonzo aircraft)
 11205.0 CanForce Discrete: Halifax working VDD, Trenton
 11214.0 NORAD: Trenton (NORAD/MACS discrete- C6)
 11232.0 MACS Net: Alert, Edmonton, Halifax, St, John's, Trenton, Yellowknife(Initial contact freq when aircraft is east of

90 deg west)
 11265.0 MACS Net: Edmonton, Trenton
 11271.0 MACS Net: Edmonton, Trenton (Initial contact freq when
 aircraft is west of 90 deg west)
 13206.0 CanForce Discrete: Trenton
 13257.0 Foxtrot MACS Net: Edmonton, St. John's, Trenton
 14364.0 CanForce Discrete: Trenton (US/Canadian Ground/AWACS
 Discrete)
 15031.0 MACS Net: Edmonton, St. John's, Trenton
 15034.0 MACS VOLMET: Edmonton, St. John's, Trenton
 17994.0 MACS Net: Edmonton, St. John's, Trenton
 18000.0 CanForce discrete: Halifax
 18012.0 MACS Net: Edmonton, St. John's, Trenton
 18027.0 NORAD: Halifax, Edmonton (C8)
 23250.0 MACS Net: Trenton
 23271.0 CanForce Discrete: Trenton (US/Canadian Ground/AWACS
 Discrete)

Note: Frequency designators indicated above have not been reported in quite some time. More than likely CANFORCE has dropped the use of frequency designators. Other observations are welcomed.

Digital Communications

=====
 CFH RTTY: 4271.0

CFH Halifax Military, NS (supports SAR coordination requirements for
 Halifax Rescue Coordination Center-RCC)
 CHR Trenton Military, ON
 CJU Vancouver Military, BC (supports SAR coordination requirements for
 the Victoria Rescue Coordination Center-RCC)
 CJX St. John's Military, NF
 CKN Vancouver Military, BC
 VXA Edmonton Military, AB

Canadian Military Communications

=====
 ALE Network
 Frequencies: 6925.0 6980.0 7600.0 8050.0 10000.0 11402.0 11605.0
 12185.0
 Stations:
 VDE
 VDD Debert, NS
 VEX Penhold, AB

Canadian Forces/NORAD Charlie Designators

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 Note: other than those listed above
 4721.0 C1
 6735.0 C2
 6750.0 C3
 8967.0 or 8968.0 C4
 13206.0 or 13207.0 C7

Canadian Forces Affiliate Radio System (CFARS)

=====
 CFARS is the Canadian Forces Affiliate Radio System which is equivalent to the United States Military Affiliate Radio System (MARS) program. CFARS stations are located at various United Nations peace-keeping operations around the world and operate amateur radio equipment that provides phonepatches for service personnel to their families. They are also to be found on Navy and Coast Guard ships.

6978.5 Alpha
 14386.0 Bravo
 14460.0 Charlie
 14463.0 Delta
 14446.5 Echo

20971.5 Foxtrot
20963.5 Golf
29715.0 Hotel
14454.0 Juliet
14449.5 Kilo
20977.5 Lima
13954.0 Mike
6982.5 Whiskey
6962.5 X-ray
4052.5 Yankee
4023.5 Zulu

Thanks to the Northern Alberta Radio Club (<http://narc.net>) for the above information.

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*Chile
=====

Navy
=====

LSB/ALE: 9818.0 12103.0
ALE Addresses: FLC TAC

=====
*Czech Republic
=====

Military Net (CW) 2362.0

=====
*Denmark
=====

Air Force
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Danish Air Force ALE net uses the MIL-STD 188-141A

2250.0 OWC/OWD/OWE/OWF/OWI/OWK/OWP/OWU/OYG (U12/ALE)
2296.0 OWB (L96-Alternate Night)
2531.0 OWF/OWI/OWK/OWP (ALE)
3023.0 OWB (Alternate)
3053.0 OWB (L18-Primary Day)
3291.0 OWD/OWE
4577.0 OWB (F18-Alternate Day)
4703.0 OWB/OWD/OWE (V26-Alternate)
4756.5 OWD/OWE
4840.0 OWC/OWD/OWE/OWF/OWI/OWK/OWP/OWU (ALE)
5120.0 OUY/OWC/OWD/OWE/OWF/OWI/OWK/OWP/OWU (ALE)
6630.0 OWD/OWE
6651.0 OWB (K19-Primary Day)
6730.0 OWD/OWE (P75)
6770.0 OWB (Alternate)
6834.0 OWB (Alternate)
9034.0 OWD/OWE (R27)
9933.0 OWE/OWF (ALE)
11076.0 OWI/OWJ (ALE)
11217.0 OWD/OWE
11244.0 OWD/OWE (A10)
11468.0 OWE/OWG (ALE)
12186.0 OWE/OWG/OWP (ALE)
13435.0 OWD/OWE/OWG/OWP (ALE)
13455.0 OWI (ALE)
15043.0 OWD/OWE (A11)
15820.0 OWC/OWE/OWF/OWG/OWI/OWK/OWP (ALE)
16280.0 OWD/OWG (ALE)
16327.0 OWF/OWG/OWU (ALE)

OUY Unknown
 OWB RCC Karup, voice call: Karup Rescue
 OWC Unknown
 OWD FSN Vaerloose, voice call: Saloon
 OWE FTK Karup, Voice call Primrose
 OWF AF Skrydstrup
 OWG AF Vandel
 OWI AF Air Base Aalborg
 OWJ AF Tirstrup (tentative ID)
 OWK AF Headquarters Vedbaek
 OWP Unknown
 OWU Unknown
 OYG Mestersvyg, Greenland

The SAR services at Karup also use the worldwide allocations of 2182 and 5680. Another frequency in this system may be 13540. Frequency designators from the Dansk Scanner Information website (<http://www.dkscan.dk>). Station identifiers courtesy of Ary Boender.

Navy

=====

4637.0 (CW)
 OUA Stevns, Denmark
 OVC Groennedal, Greenland
 OVG Unknown
 OVK Aarhus (Navy)

18281.0 Warships working OVK (CW and 75 baud RTTY)

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*Ecuador

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Navy

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Noted during June 03 UNITAS-03 exercise
 Freq: 7900.0 USB/ALE

ALE Addresses:

COOPNA Naval Operations Command (Comando Operaciones Navale)
 CFF Commander Frigate Force (Comando Fuerza Frigata)
 CORMAN Corbeta Manabi (CM 12)
 CORGAL Corbeta Los Galapagos (CM 15)
 CORORO Corbeta El oro (CM-14)
 CORESM Corbeta Esmeraldas (CM 11)
 LAMCUE Launcha Missileria Cuenca (LM 24)
 HALCON Type B 119 class PG "Halcon"

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*France

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Air Force

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French Air Force Circus HF radio network
 6869.0 Veilleur-Taverny working AWACS aircraft USB/Secure voice
 6712.0 Marjolaine 2
 8972.0 Racontar 1
 8992.0 Vinaigrette 3
 13236.0 Reconfort 3 (Raphael?)
 14587.0 Unknown
 18012.0 Citadelle 1
 23254.0 Veritee 3
 ? Citadelle 3
 143.800 MHz (AM mode) Canasta

Circus Blanc Bangui, Central Africa Republic
 Circus Bleu Le Reunion, Reunion Island

Circus Bonne	Bordeaux, France
Circus Citron	Cayenne, French Guyana
Circus Corail	Corfu/Taveaux, Greece
Circus Diamant	Dole/Taveaux, France
Circus Dore	Djibouti
Circus Ebene	Evreux, France
Circus Fraise	Fort de France, Martinique
Circus Lilas	Libreville, Gabon
Circus Noir	Noumea, New Caledonia
Circus Ocre	Orleans, France
Circus Orange	Dakar, Senegal
Circus Tango	Toulouse/Francazal
Circus Tilleul	N'djamena, Chad
Circus Vert	CFAP Headquarters, Villacoublay, France
Circus Villa	Villacoublay, France

French Air Force Strategic Missions
 Capitol COFAS Headquarters Taverny
 Frequency: 6688.0 8976.0 kHz

Digital Net

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3157.9	FDI8-Nice, France Baudot 400/50R
4042.0	FDG-Bordeaux, France Baudot ?/50
4212.5	FDI8-Nice, France CW
4449.9	FDI8-Nice, France CW
4596.0	FDC-Metz, France CW
5214.5	FDG-Bordeaux, France ?/50 baud
5367.0	FDI8-Nice, France Baudot 85/50
5446.5	FDC-Metz, France Baudot ?/50
7850.0	FDI8-Nice, France CW
7859.0	FDY-Orleans, France Baudot ?/50 baud
10671.0	FDG-Bordeaux, France CW
10912.0	FDI8-Nice, France CW
10996.0	FDI22-Narbonne CW

Navy

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Warship Frequencies

2214.0	FUC on 2780.0
2259.0	FUE on 2789.0
4165.6	FUE on 4295.0
6259.0	FUE on 6348.0
8310.6	FUV on 8568.0
8314.6	FUF on 8478.5
8330.6	FUG on 8453.0 (75 or 150 baud)
8334.6	FUX on 8475.5
12369.0	6WW on 12857.0
12374.6	FUX on 12691.0
12398.6	FUV on 13042.5 (may use 75 or 150 baud)
12402.5	FUF on 13031.2
12410.6	FUG on 12666.5 (150 baud)
16559.6	FUF on 16961.5
16595.6	FUV on 16904.9
16598.0	6WW on 16951.5
16607.6	FUG on 17180.0 (75 or 150 baud)

Miscellaneous Frequencies

2436.0	French Navy-Mediterranean USB
3107.0	French Navy-Atlantic (callsign Armor) USB
3896.0	French Navy-Mediterranean USB
5708.0	French Navy-Atlantic (callsign Armor) USB
6760.0	Tactical calls (callsign whiskey Alpha) tentative (USB)

RTTY Net

2608.0	FUO RTTY 850/75
4232.0	FUF RTTY 850/75
6348.0	HWN ITA2/150/UOS encrypted

WUN-v10

FUE ITA150
8300.0 6ww RTTY 850/75
8453.9 FUG RTTY 850/75
8475.5 FUX RTTY 850/75
8479.0 FUF RTTY 850/75
10282.0 FUO RTTY 850/75 and 170/75
10310.6 TLFUO-Toulon clg 1TLFUF-Fort de France USB/MIL-STD 188-141A
10918.6 6ww RTTY 425/50
12666.5 FUG RTTY 860/75
12690.7 RFVIE-Le Port Baudot 850/75
12857.0 6ww Baudot 850/75
13032.0 FUF RTTY 850/75
13042.0 FUV RTTY 850/150
13444.2 RFQP-Djibouti ARQ-E3 400/100
13944.0 RFQP-Djibouti ARQ-E3 400/100
13986.7 RFFA-MOD Paris ARQ-E3 192bd
14585.7 RFPTC-N'Djamena Arq-E3 400/200
16905.0 FUV Baudot 850/75
16915.0 RFVIE-Le Port, Reunion Baudot 850/75
16951.6 6ww RTTY 850/75
16961.5 FUF Baudot 850/75
19216.7 RFLI-Fort de France, Martinique ARQ-E3 380/192 and ARQ-E3
96 bd
19951.5 6ww Baudot 850/75
20555.0 RFFX-MOD Paris ARQ-E3 184.6bd

Station List:

6ww Dakar, Senegal
FUC Location Unknown
FUE Brest, France
FUF Fort de France, Martinique
FUG La Regine, France
FUO Toulon, France
FUV Djibouti, Djibouti
FUX Le Port, Reunion Island

=====
*Germany
=====

Air Force
=====

Update courtesy of Andreas Heymann.

Air-to-Ground Network
=====

3107.0 Alpha
3143.0 Bravo
3903.0 Charlie
4721.0 Delta
5687.0 Echo (Primary net frequency)
5717.0 Foxtrot
6700.0 Golf
6715.0 Hotel
6730.0 India
6751.0 Juliet
8965.0 Kilo
9025.0 Lima
11217.0 Mike
11265.0 November
13203.0 Oscar
13233.0 Papa
15073.0 Quebec
17973.0 Romeo
17991.0 Sierra
18012.0 Tango
23201.0 Uniform
23215.0 Victor (may be 23231, comments please)

WUN-v10

23255.0 Whisky
 23318.0 X-ray
 23341.0 Yankee
 23345.0 Zulu
 29724.0 Alpha-Bravo

Note: These frequencies are used by DHM91 Munster German Air Force Transport Command headquarters in northern Germany. The primary frequency in this network appears to be Echo on 5687. Stations have been heard discussing frequencies AA, AC, AF and AJ which carry encrypted RTTY transmissions.

Digital System

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DASA/EADS-MAHRS 2400 bd burst PSK/STANAG 4285: 6949.0 6958.5 7543.0
 7630.0 7729.0 7810.0 7814.0 7823.0 7995.0 8070.0 8139.0 9051.0
 10926.5 11136.5 12273.0 13502.0 14613.5

**Navy

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2265.9 RTTY-DHJ58
 2625.0 USB-DHJ59 MRL 59/02
 3056.0 USB/RTTY-DHJ78/DHJ59 MATELO ARCN
 3116.0 USB-DHJ59 MATELO ARCN
 3122.0 USB/RTTY-DHJ58/DHM42 (Glücksburg Rescue)
 3590.0 RTTY-DHJ58
 3653.0 RTTY-DHJ58
 3718.6 RTTY-DHJ58
 4047.9 RTTY-DHJ58
 4154.3 USB/3 channel VFT-DHJ59 MRL 59/04
 4356.6 USB/RTTY-DHJ58
 4424.4 RTTY-DHJ58
 6727.0 USB/RTTY-DHJ59 MATELO ARCN
 6730.0 USB/RTTY-DHJ59 MATELO ARCN 405
 6779.0 USB-DHJ59 MRL 59/06
 8335.3 USB/3 channel VFT-DHJ59 MRL 59/08
 10192.5 USB/RTTY-DHJ59 MRL 59/10
 10206.2 USB/Stanag 4285 2400bd PSK-DHJ58 MRL 58/10
 10711.0 USB/RTTY
 10722.0 USB/RTTY-DHJ59 MRL 59/11
 11090.0 USB/RTTY F-63
 11235.0 USB-DHJ78
 11256.0 USB/RTTY-DHJ59 MATELO ARCN
 12178.0 USB/RTTY-DHJ59 MRL 59/12
 12415.3 USB/3 channel VFT-DHJ59 MRL 59/13
 14722.0 RTTY PSK 600 baud
 15929.0 USB/RTTY-DHJ59 MRL 59/15
 16129.0 USB/RTTY-DHJ58 MRL 58/16
 17544.0 USB-DHJ59 MRL 59/17
 17994.0 USB/RTTY-DHJ59 MATELO ARCN
 22238.5 USB-DHJ59 MRL 59/23
 23744.0 USB-DHJ59 MRL 59/25

Callsign	Unit	Place
DHJ23	NORTHAG	Mönchengladbach
DHJ36	NORTHAG	Mönchengladbach
DHJ37	CENTAG	Heidelberg
DHJ38	Fm/EloAufklrgrt 220	Donauwörth
DHJ39	Heeresamt	Köln
DHJ40	HFlgBrig 3	Mendig
DHJ41	LTG 61 FÜGrp 1	Landsberg
DHJ42	LTG 61 FÜGrp 2	Landsberg
DHJ43	JaBoG 32	Lechfeld
DHJ44	III. Korps	Koblenz
DHJ46	I. CATAC et FAFA	Lahr
DHJ47	2. ATAF	Mönchengladbach

WUN-v10

DHJ48	4. ATAF	Ramstein	
DHJ49	BMVg	Bonn / Berlin	
DHJ50	I. Korps	Münster	
DHJ51	Afwg	St. Adelgund - Hochheid	
DHJ53	MStpKdo	Warnemünde	
DHJ54	MarA Landtestanlage	Bremen-Vegesack	
DHJ55	HQ 7th (US) Army	Heidelberg	
DHJ56	FüUstBrig 900	Rheinbach	
DHJ57	Range Naval Radio	Schönhagen	
DHJ58	MFmZ - MFmGrp 11	Glücksburg	
DHJ59	MFmZ - MFmGrp 21	wilhelmshaven - Sengwarden	
DHJ60	KdoTrpVersM Abt. Fümü	Eckernförde	
DHJ61	MFms	Flensburg	
DHJ62	Naval Port Radio	Neustadt i.H.	
DHJ63	Range Naval Radio	Todendorf	
DHJ64	DTA MND (C)	Mönchengladbach	
DHJ65	UKdo 8	Zweibrücken	
DHJ66	Submarine Naval Radio	Eckernförde	
DHJ67	HöHkdoBeh LW Gefst	Köln	
DHJ68	HQ CINCUSAFE	Wiesbaden	
DHJ69	JaBoG 31	Nörvenich	
DHJ70	MUKdo	wilhelmshaven	
DHJ72	4. ATAF	Kindsbach	
DHJ73	II. GE/US Korps	Ulm	
DHJ74	Kdo 2. LwDiv	Birkenfeld	
DHJ75	WBK III / 7. PzDiv	Düsseldorf	
DHJ76	MFG 5 Airbase	Kiel-Holtenau	
DHJ77	HfFlgRgt 35	Mendig	
DHJ78	MFG 3 Airbase	Nordholz	
DHJ80	WBK IV / 5. PzDiv	Mainz	
DHJ81	PzLehrBrig 9	Munster	
DHJ82	Naval Port Radio	Parow	
DHJ83	HöHkdoBeh LW Gefst	Köln	
DHJ84	Naval Radio	Wangerooge	
DHJ85	PiBrig 20	Minden	
DHJ86	Deutscher wetterdienst - MilZentr.	Offenbach	
DHJ87	TerKdo Nord	Mönchengladbach	
DHJ88	Afwg	Limsdorf	
DHJ89	PzBrig 23	Augustdorf	
DHJ90	LwUstGrpKdo Nord	Münster	
DHJ91	British Army Of The Rhine (BAOR)	Mönchengladbach	
DHJ92	CCFFA	Baden - Oos	
DHJ93	CENTAG	Pirmasens	
DHJ94	4. RCAF Fighter wing	Söllingen	
DHJ95	WBK VI / 1. GebDiv	München	
DHJ96	3. RCAF Fighter wing	Zweibrücken	
DHJ97	Sammelruf --> ALLE Funkstellen des aktuellen Kreises		
DHJ98	JaBoG 33	Büchel	
DHJ99	KdoTrpVersM - Testsendungen		
DHM21	Naval Radio	Staberhuk	
DHM22	MOS	Bremerhaven	
DHM23	HfFlgRgt 26	Roth	
DHM24	FüUstBrig 4	Berlin	
DHM25	LTrspKdo - FüUstGrp	Münster	
DHM27	PzGrenBrig 41	Eggesin	
DHM30	SOC	Brokzetel	
DHM31	Naval Radio	List / Sylt	
DHM33	MArsBetrb	Kiel	
DHM35	Jachmannbrücke Radio (MArsBetrb)	wilhelmshaven	
DHM36	KdoMFüSys	wilhelmshaven	
DHM37	SOC	Uedem - Kalkar	
DHM39	PzGrenBrig 38	weißenfels	
DHM41	MWAs	Kappeln Ellenberg	
DHM42	Naval Radio	Glücksburg	
DHM43	IV. Korps		
DHM44	GeophysBLtSt Süd	Fürstenfeldbruck	
DHM45	MFmStab 70	Flensburg	
DHM46	WBK V / 10. PzDiv	Sigmaringen	

DHM47	2. ATAF Air Base	weeze - Laarbruch	
DHM49	LogBrig 4	Unna	
DHM50	LogBrig 2	Germersheim	
DHM52	SanBrig 4	Fritzlar	
DHM53	HFlgRgt 36	Fritzlar	
DHM54	Lwkdo Süd	Meßstetten	
DHM55	WBK II / 1. PzDiv	Hannover	
DHM56	WBK VII / 13. PzGrenDiv		
DHM57	HFlgRgt 15	Rheine	
DHM58	1. CanAirDiv	Lahr	
DHM60	KLK / 4. Div	Regensburg	
DHM61	PzGrenBrig 1 / VBK 22	Hildesheim	
DHM62	CINCENT	Erbeskopf	
DHM64	Naval Radio	Darßer Ort	
DHM65	MFuSst	Dollerup	
DHM66	MFuSst	Friedrichsort	
DHM67	MFuSst	Hürup	
DHM68		Frankenberg	
DHM70	MFuSst	Schortens	
DHM71	PzBrig 18	Oldenburg	
DHM72	GeophysBltSt Nord	Niederseik	
DHM74	LLBrig 31	Oldenburg	
DHM75	MFuEST	Lütjenholm	
DHM76	MFuEST	Wittmund-Harlesiel	
DHM79	Sammelanruf I. D/NL Korps		
DHM82	Forschungsanstalt der Bw für wasserschall u. Geophys		Kiel
DHM85	MFuSst	Marlow	
DHM88	FmABw bzw. AFmISBw	Rheinbach	
DHM89	2. ATAF Air Base	Brüggen - Bracht	
DHM90	Comms Group	Lahr	
DHM91	LTrspKdo - Leitfunkstelle	Münster	
DHM92	Sammelanruf II. Korps		
DHM95	1. Wing RCAF	Lahr	
DHM97	NL Army	Dillingen	
DHN21	2. ATAF	Rheindahlen	
DHN22	2. ATAF	Rheindahlen	
DHN23	WBK VIII / 14. PzGrenDiv		
DHN24	PiBrig 40 / VBK 41	Lahnstein	
DHN31	Jagdgeschwader 71	Wittmundhafen	
DHN41	GebJgBrig 23 Bad	Reichenhall	
DHN43	PzGrenBrig 37	Frankenberg	
DHN44	Jagdgeschwader 74	Neuburg	
DHN45	PzGrenBrig 32	Schwanewede	
DHN46	SanBrig 2	Ulm	
DHN49	Krvtlst bei MUKdo	Wilhelmshaven	
DHN51	HFlgRgt 30	Niederstetten	
DHN53	Naval Port Radio	Wilhelmshaven	
DHN54	Fm / EloAufklRgt 320	Frankenberg	
DHN55	UKdo 9	Philippsburg	
DHN60	LwFükdo	Köln-wahn	
DHN61	DTA LANDCENT	Heidelberg	
DHN62	DTA ARRC	Mönchengladbach	
DHN63	PzGrenBrig 19 / VBK 33	Ahlen	
DHN64	PzBrig 12	Amberg	
DHN65	FmBtl 950 "Radio Andernach"	Andernach	
DHN66	NATO AEW Force Command	Geilenkirchen	
DHN67	FmRgt 920	Kastellaun	
DHN68	St / FmRgt 310	Koblenz	
DHN69	HFlgRgt 16	Celle	
DHN70	FmRgt 990 LANDCENT	Essen	
DHN71	HFlgRgt 25	Laupheim	
DHN72	HFlgRgt 6	Hohenlockstedt	
DHN79	Erprobungsstelle der Bundeswehr 61	Manching	
DHN81	PzGrenBrig 30	Ellwangen	
DHN82	Marineunterwasserortungsstelle	Fehmarn	Marienleuchte
DHN83	HFlgRgt 10	Fassberg	
DHN84	PzBrig 14	Neustadt	
DHN85	PzGrenBrig 5	Homberg - Efze	

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DHN90 PzGrenBrig 40 / VBK 86 Schwerin
 DHN92 LwKdo Nord Kalkar
 DHN95 PzBrig 39 / VBK 71 Erfurt
 DHN99 Fm / EloAufklRgt 940 Daun
 DHO21 LLBrig 26 Saarlouis
 DHO22 Aufklärungsgeschwader 51 Jagel - Kropp (Schleswig)
 DHO23 LTrspGeschw 51 Landsberg
 DHO24 LTrspGeschw 63 FüGrp Hohn (Rendsburg)
 DHO27 JaBoG 49 Fürstenfeldbruck
 DHO28 JaBoG 35 Pferdsfeld
 DHO31 JaBoG 34 Memmingen
 DHO32 LTrspGeschw 62 Wunstorf
 DHO35 MFG 2 Funkstelle Eggebeck (Tarp)
 DHO36 Flugbereitschaft der Lw beim BMVg Bonn / Berlin
 DHO37 LTrspGeschw 62 FüGrp 1 Wunstorf
 DHO38 MFuSst Saterland-Ramsloh
 DHO39 LTrspGeschw 62 FüGrp 2 Wunstorf
 DHO41 NL Air Staff HQ Hesepe
 DHO42 Fm / EloAufklBrig 94 Daun
 DHO43 Kdo 4. LwDiv Aurich
 DHO45 PiBrig 10 Schleswig
 DHO46 Naval Radio Olpenitz
 DHO47 SanBrig 1 Leer
 DHO48 LogBrig 1 Lingen / Ems
 DHO49 PiBrig 30 Hilden
 DHO54 Fernmeldebereich 70 Trier
 DHO59 PzBrig 36 / VBK 64 Veitshöchheim
 DHO60 LTrspGeschw 63 Hohn (Rendsburg)
 DHO61 Pionierschule FSH BauT Percha
 DHO63 4. NLDiv Bergen-Hohne
 DHO64 PiBrig 50 Bogen
 DHO65 LLBrig 25 Calw
 DHO66 Naval Air Operations Center Glücksburg
 DHO67 PiLehrBrig 60 Ingolstadt
 DHO69 Naval Radio Eckernförde
 DHO70 PzBrig 34 Diez
 DHO71 Naval Radio Arkona
 DHO73 Naval Radio Marienleuchte
 DHO74 1. NL Korps Seedorf (Zeven)
 DHO75 Sammelrufzeichen Lufttransportkommando (Collective callsign
 for all the three Air Transport wings)
 DHO76 DTA LANDJUT Rendsburg
 DHO77 JaBoG 36 Rheine - Hopsten
 DHO78 Kdo 3. LwDiv / GAFSC "N" Gatow
 DHO79 Naval Radio Helgoland
 DHO80 Naval Port Radio Olpenitz
 DHO81 Naval Radio Borkum
 DHO82 PzBrig 42 / VBK 84 Potsdam
 DHO83 WBK I / 6. PzGrenDiv Kiel
 DHO85 UKdo 4 Diez
 DHO91 Kdo 1. LwDiv / GAFSC "S" Karlsruhe
 DHO92 FüUstBrig 2 Ulm
 DHO95 Naval Radio Sahlenburg
 DHO99 I. BEL Corps Köln-Weiden

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*Israel

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Air Force

=====

Frequencies (USB/ALE):

5418.0 6840.0 7630.0 7780.0 8100.0 8220.0 8858.0 9227.0 10190.0
 10304.0 10614.0 11491.0 12143.0

Navy (4XZ)

=====

Frequencies (CW):

2800.0 4241.0 4331.0 5159.0 8101.0 12984.0

=====
 *Italy
 =====

Air Force

 =====
 IGN-Rome? (USB)

10280.0 tactical paired with 6788.0 (Kosovo Relief Ops)

IEY55/IEY56

11272.0 (USB)

Navy

=====

Frequencies (All USB)

IBO Unknown 4530.0

ICM Sigonella 6693.0 6703.0 6752.0 6755.0 8982.0

ICS La Spezia 4438.5 6873.5

ICT Taranto 4474.0

IDR Rome 2270.2 2285.5 3131.0 3146.0 4721.0 5330.0 6205.5 6433.0

6688.0 6708.0 6733.0 6760.0 6880.0 8715.2 8977.0 8981.0 10498.2

10605.7 11250.0 12238.5 12382.0 12471.7 13216.0 13254.0 13455.2

IGJ Augusta 2274.5 3827.0 4168.5 4745.0 8302.5

IGN Unknown 6788.0

IGY Unknown 2272.5 6733.0

INY NATO Unknown 10315.0

CARB Broadcast IGJ/IDR (RTTY)

2463.1 4214.2 8150.8 8429.5

 =====
 *Lithuania
 =====

Military (USB/ALE) 2710.0

 =====
 *Mexico
 =====

Courtesy of Ron Perron and frequency/address updates by Hugh Stegman

Army

=====

Frequencies (All USB)

4650.0 5252.0 5263.0 6955.0 7777.0 8047.0 8050.0 8084.0 9025.0

9060.0 10135.0 10444.0

ALE Identifiers:

My monitoring indicates that there are at least five categories/
groupings

of ALE identifiers used on Mexican Army nets.

Animals 5252.0 5263.0 7777.0 8050.0 10135.0 10444.0

Chacal Jaguar Leon (Lion) Lobito (small wolf?) Pantera (Panther)

Puma Tigre

Countries 9060.0

Espana Espartaco Israel

Minerals/Jewels 4650.0 7777.0 8047.0 8084.0 9060.0 10135.0 10444.0

Acero (chrome steel) Aluminio (aluminum) Cobre (copper) Diamante
(diamond) J5 Jade Zeta(?)

Miscellaneous 8050.0 10135.0

123 Ganzo (?--possible garble)

Planets 6955.0 9025.0 10135.0

Marte (Mars) Tierra (Earth) Universo (Universe) Urano (Uranus) Venus

WUN-v10

Regional Net 4650.0 7777.0 9060.0
RM5 RM7 RM9 RM10 RM13 RM16 RM17

=====
*NATO

=====
DHN66 NATO Geilenkirchen

3089.0 Channel A01
3900.0 Channel A02
6691.0 Channel A03 (Secondary)
8980.0 Channel A04
10172.0 Channel A05
10315.0 Channel A06 (Primary)
10429.0 Channel A07
11229.0 Channel A08
? Channel A09
? Channel A10
18009.0 Channel A11

The following frequencies have also been heard with NATO AWACS type traffic, but any possible designators are not known: 4542.0 4758.0 6700.0 6760.0 6762.5 8971.0 8986.0 12165.0 23241.0

=====
*Netherlands

=====
Air Force

=====
Frequencies: 3990.0 4450.0 5086.0 5406.5 8086.0
Bandbox Nieuw Milligan (CRC Radar Control)

=====
Army

=====
2274.0 USB
2275.5 RTTY
2954.0 USB
2955.5 RTTY
3305.5 USB
3306.5 RTTY
3813.5 USB
3815.0 RTTY
4762.0 USB
4763.5 RTTY
4766.0 USB
4777.5 RTTY
5032.5 USB
5034.0 RTTY
5052.5 USB
5054.0 RTTY
5115.0 USB
5116.5 RTTY
5133.5 USB
5135.0 RTTY
5144.5 USB
5146.0 RTTY
5323.5 USB
5325.0 RTTY
5388.5 USB
5390.0 RTTY
5768.5 USB
5770.0 RTTY

SFOR deployment

Mode: USB Freqs: 2552.5 and 4522.5 kHz

Coast Guard

=====

06550.0 Netherlands Coastguard (also in Den Helder) with Coast Guard ships and planes.

Callsigns

PBDO	Vessel "Zeearend"
Coastguard 01	Dornier DO 228 Coastguard Plane
Coastguard 02	Westland Lynx Navy helikopter
Coastguard 03	Orion P-3C Navy Airplane
Coastguard 04	Police Helicopter
Coastguard 05	Police Plane
Den Helder Rescue	RCC
Pedro 2/4/6	Westland Lynx Navy helikopter
Pluto 1/3/5	Orion P-3C Navy patrouille vliegtuig

Navy

=====

Warship frequencies (to stations PBB/PBC)

2121.4	Channel 02A
2259.4	Channel 02B
4155.0	Channel 04A
4161.0	Channel 04B
4171.5	Channel 04C
6237.5	Channel 06A
6242.0	Channel 06B
8321.0	Channel 08A
8324.0	Channel 08B
8337.5	Channel 08C
12375.5	Channel 12B
16576.0	Channel 17B

PBV NAS Valkenburg

Frequencies: 3128.0 5705.0 8971.0 11178.0

Navy Den Helder "De Kooy"

Ship-to-Shore: 2204.0

Air-to-Ground (Helicopter): 2753.0

PBB CARBs broadcast: 3764.4

PBB RTTY Marker: 2845.0

PBC RTTY Marker: 2474.0

Caribbean Operations Frequencies:

8199.6 PJC

11178.0 PJK

CARB Broadcast

PBB: 6483

PBC: 6358.5 8439 12840.7

PBB Navy Den Helder

PBC Goeree Island

PBV NAS Valkenburg

PJC NRN Hato Curacao (Counter-Narco Ops)

PJK Suffisant Curacao (ASW Operations)

=====

*Papua New Guinea

=====

Defense Force

=====

General Purpose Net Frequencies (GPN):

3175.0 LGF Secondary

5746.0 LGG Primary

7496.0 LGH Secondary

Location Callsign
Port Moresby P2A2
Lae P2A3

Defense Force Patrol Boats:
5267.0 7587.0 7767.0 8146.0 9240.0

=====
*Portugal
=====

Air Force
=====

Known frequencies (USB):
5687.0 6685.0 8992.0 9007.0

=====
*Russia
=====

High Command ELF
=====

ELF: The Russian equivalent to our 76/44 Hz ELF submarine communication system operates on 82 Hz. No station location or details are known.

=====
*South Africa
=====

4014.0 Navy ZRH-Silvermine FAX 120/576
 Navy ZSJ-Silvermine FAX 120/576
4032.7 Navy ZSJ-Silvermine MFSK32 54.5bd

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*Spain
=====

Air Force
=====

Madrid: Callsign Vigia

5699.0 Channel 1A
6724.0 Channel 1
8974.0 Channel 3
9022.0 Channel 3A
11211.0 Channel 2
11235.0 Channel 2A
13215.0 Channel 5
13245.0 Channel 5A
15016.0 Channel 4
15022.0 Channel 4A
18003.0 Channel 6A
18018.0 Channel 6

Zaragoza: Callsign Jota

3933.0 5702.0 6715.0 6730.0 9014.0? 11262.0 13245.0 15073.0

Special thanks to the Dutch Military Research Group website (
<http://www.dutchmil.com/>) for the new information above.

The Spanish Air Force operates a SAR service around the Spanish mainland and from Gando AB in the Canary Islands. They make extensive use of HF for communications during rescue missions and during exercises. The following frequencies are used: 6737.0 USB(HJ) 4738.5 USB(H24) 3137.0 USB(HN)

They also use the worldwide general calling/emergency frequency of 2182.0

kHz.

The Canarias Rescue Coordination Center (RCC), due to the much larger area they cover, also uses 11406 kHz. They can also be heard on the following frequencies (these are used by request from the network users):

2763.0 3855.0 4790.0 6870.0 9001.0 9437.0 kHz

=====
*United Kingdom
=====

Royal Air Force (RAF)
=====

RAF VOLMET Broadcast

Control Point - RAF High Wycombe

Transmitter: Chelveston, Northamptonshire, England

USB: 5450.0 11253.0 kHz

Airfield weather broadcast are made twice an hour in the time slots indicated below:

Slot 1: H+00/H+30 - Aldergrove, Manchester, Prestwick, London Stansted, Oslo, Cairo, Pristina (+), Gibraltar, Porto, Stavanger

Slot 2: H+06/H+36 - Benson, Brize Norton, East Midlands, Bruggen, Geilenkirchen (+), Hannover, Lyneham, Northolt, Odham, Trondheim, Muscat (+), Salalah

Slot 3: H+12/H+42 - Coltishall, Cranwell, Leeming, Leuchars, Lossiemouth,

Marham, St. Mawgan, Waddington, Linloss, Shawbury, Coningsby, Thumrait (+)

Slot 4: H+18/H+48 - Ascension, Bahrain, Brize Norton, Banjul (+), Dakar, Keflavik, Nairobi, Mombassa, Montevideo, Rio de Janeiro

Slot 5: H+24/H+54 - Adana (Incirlik), Akrotiri, Ancona, Aviano, Gioia del

Colle, Rimini, Rome/Ciampino, Skopje, Split, Waddington, Bari (+)

The ones suffixed with '+' are additional airfields which are added as required, and have a human voice announcing them, rather than the electronic voice. Some of these other optional airfields can be included in the broadcast in the possible slots indicated below:

Slot 1: Edinburgh, London Gatwick, London Heathrow, Luton, Newcastle, Stavanger, Teesside, Trondheim, Vaerlose

Slot 2: Hamburg, Munster, Ramstein

Slot 3: Coningsby, Shawbury, Yeovilton

Slot 4: Cairo, Hurgada, Jeddah, Punta Arenas, Recife

Slot 5: Catania, Faro, Lisbon, Palermo, Rome, Sarajevo

From the RAF Enroute Supplement, the UK equivalent of the US Department of Defense Instrument Flight Rules Supplement (IFR)

*Strike Command Integrated Communications System (STCICS)

Callsign: Voice: Architect CW: MLD or MLP

Transmitter: Chelveston, Northamptonshire, England

Frequencies:

4742.0 5714.0 6739.0 9031.0 11205.0 18018.0 (Group A - see below)

4540.0 5450.0 8190.0 11253.0 13257.0 15031.0 (Group B - see below)

2591.0 11247.0

Group A has the QNH broadcast at H+00 and Airfield color state broadcast at H+30.

Group B has RAF German airfield flying states at H+15 and H+45.

*RAF Flight Watch Centers

Ascension Callsign: Haven

Frequencies: 4742.0 (2000-0800 UTC) 9031.0 (0800-2000 UTC) 11247.0

All frequencies carry a weather broadcast at H+45

Cyprus Callsign: Cyprus
 Frequencies: 4742.0 9031.0 (1600-0500 UTC) 11247.0
 4742.0 and 11247.0 carry weather broadcast at H+15

Gibraltar Callsign: Gibraltar
 Frequencies: 4742.0 9031.0 11247.0

Mount Pleasant, Falkland Islands Callsign: Viper
 Frequencies: 9031.0 11247.0

UKADGE HF Line Designator List

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 How to find which frequencies are active. Listen to the Architect weather broadcast at H+00 and H+30 (see above). If the UKADGE circuits are active, there will be an announcement after the weather broadcast with the code-letters for the active frequencies. For example: "Additional information.. 2.. PK.. tack..401C.. tack.. AG" (which is repeated twice).

The first number indicates which Air Defense radar station is active

- 1 - Buchan, Boulmer and Benbecula
- 2 - Buchan
- 3 - Boulmer (has not been heard for many years)
- 4 - Neatishead

The first 2-letter-group is the code for the active HF frequency from the list below. It is sometimes referred to as the 'JAAWSK Frequency' (Joint Anti-air Warfare Shore Co-ordination). It carries most of the voice traffic, including target positions and Beaver details. This channel also carries frequency changes and position reports.

The third group is the Charlie squared channel, where AWACS aircraft pass their radar data over a HF link. Known frequencies are:

2250.5 401A
 33???.0 401B (exact freq unknown)
 4478.5 401C
 6673.5 401D
 8500.5 401E

The final group is known as chick co-ordination, where combat aircraft which are HF-capable can be passed target positions and other information.

In the example above, Buchan is the ADR station, using 5095 khz for voice traffic, the AWACS are using 4478.5 khz, and the chicks are on 4745 khz.

A	11205.0	AB	5693.0	AC	8156.0	AD	9010.0
AE	3939.0	AF	9022.0	AG	4745.0	AH	3930.0
AK	3038.0	AP	11181.0	AQ	2396.0	AW	4042.0
AZ	23281.0	B	6739.0	BA	17970.0	BE	18018.0
BF	3083.0	BJ	17988.0	BK	3945.0	BL	11268.0
BS	18000.0	BT	2350.0	BX	8989.0	CA	6736.0
CM	18009.0	CO	23245.0	CY	3119.0	CZ	29800.0
D	4706.0	DA	5436.0	DB	15091.0	DH	15013.0
DM	8998.0	DQ	17995.0	DS	4739.0	DT	18024.0
DW	9031.0	E	3924.0	EA	10512.0	EF	5720.0
EH	11259.0	EI	23270.0	EK	11235.0	EM	15025.0
EN	15076.0	EP	15040.0	EX	11184.0	EZ	11253.0
F	13257.0	FA	3101.0	FG	11208.0	FM	5405.0
FS	4742.0	FT	13218.0	FV	15064.0	FW	3131.0
G	3915.0	GA	15061.0	GD	2274.0	GT	26385.0
H	15031.0	HE	3942.0	HJ	8983.0	HK	9034.0
HM	6748.0	HO	13206.0	HW	11247.0	HX	23257.0

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HZ	13248.0	I	13236.0	IN	17982.0	IP	27000.0
J	8980.0	KA	3380.0	KD	3867.0	KH	12057.0
KJ	4718.0	KP	2641.0	KR	4484.0	KT	5420.0
KW	2261.0	KX	2577.0	L	5447.0	LA	3036.0
LB	3092.0	LC	6701.0	LD	15046.0	LE	15072.0
MB	2266.0	MC	5270.0	MD	18850.0	ME	14460.0
MS	3218.0	NJ	5705.0	PA	3302.0	PE	6760.0
PF	10634.0	PH	8971.0	PK	5095.0	PO	6715.0
PR	3864.0	PZ	14724.0	QB	3512.0	QR	8972.0
QV	3095.0	RA	8190.0	RD	6691.0	RE	5178.0
RH	5695.0	RM	3110.0	RZ	9459.0	SA	2762.0
SE	14812.0	ST	2591.0	TG	6724.0	TO	3391.0
TQ	3345.0	TS	5684.0	TW	4709.0	UA	4724.0
UB	10919.0	UR	17979.0	UT	4540.0	VE	11217.0
W	5747.0	WG	3125.0	WM	3026.0	X	3224.0
XA	5403.0	YC	11241.0	YM	13211.0	YP	23250.0
YZ	20030.0	ZF	3763.0	ZZ	5714.0		

Air Northwest JAAWSK (Joint Anti-air Warfare Shore Coordination)

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The RAF (and other NATO forces) seem to be using a new set of codes to identify their HF frequencies.

Unknown designator

2031.0	2307.0	3343.0	3404.0	3943.0	4502.0
4763.0	5350.0	5392.0	6835.0	6882.0	7919.0
10325.0	10585.0	10830.0	12198.0	14568.0	16344.0

3301.0	Golf 01
3235.0	Golf 02
4572.0	Golf 08

9010.0	Hotel 05
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HF?	Kilo 01
2712.0	Kilo 04
4530.0	Kilo 05
4020.0	Kilo 06
4724.0	Kilo 07
4860.5	Kilo 08
4920.0	Kilo 09
5173.0	Kilo 10
5277.0	Kilo 11
5290.0	Kilo 12
5395.0	Kilo 13
7415.0	Kilo 14
7860.0	Kilo 15
3305.0	Kilo 17
UHF	Kilo 18
UHF	Kilo 19
UHF	Kilo 20
4785.0	Kilo 22
4779.0	Kilo 24
HF?	Kilo 25
UHF	Kilo 26
UHF	Kilo 27
HF?	Kilo 28 (Beaver HF?)
4477.0	Kilo 30
5045.0	Kilo 31
5385.0	Kilo 33
5463.0	Kilo 34
4012.0	Kilo 36
UHF	Kilo 55
UHF	Kilo 56

Joint Maritime Course Frequencies

=====

Three times a year the Royal Air Force hosts a number of military ships,

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submarines and aircraft for a series of 2-week exercise around the coast of the UK. This is known as the JMC - Joint Maritime Course.

The forces are split into two opposing forces, and they use an extensive network of HF frequencies for voice co-ordination and encoded data transmissions of radar pictures (known as Link 11). Each HF frequency is given a KJ designator, and these run from KJ01 up to at least KJ50. Some of these frequencies are in the UHF military aircraft band. The tie-up between designator and frequency changes with each JMC course conducted. During some JMC's some designators are on UHF frequencies in one course and on HF frequencies in the next course.

The following JMC frequencies are known:

3343.0	3357.0	3805.0	4477.0	4484.0	4502.0	4778.5	4860.5	5045.0
5091.5	5206.0	5267.0	5276.5	5280.0	5310.0	5385.0	5460.0	5733.0
5910.0	6224.0	6237.0	6697.0	6779.0	6882.0	6940.0	7795.0	7934.0
9394.0	11149.0							

Royal Navy (RN)

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Warship Frequencies

2487.0	Channel 02	Ships working	MTI
2662.4	Channel 02P	Ships working	GYA/MGJ
2760.4	Channel 02Q	Ships working	GYA/MGJ
3806.4	Channel 03P	Ships working	GYA/MGJ
4153.0	Channel 04	Ships working	MGJ on 3390 khz
4153.9	Channel 04P	Ships working	GYA/MGJ
4879.9	Channel 04Q	Ships working	GYA/MGJ
6246.9	Channel 06P	Ships working	GYA/MGJ [was 6242.9 khz]
8144.9	Channel 08P	Ships working	GYA/MGJ
8179.9	Channel 08Q	Ships working	GYA/MGJ
8339.0	Channel 8A?	Ships working	GYU
12377.9	Channel 12P	Ships working	GYA/MGJ
12381.9	Channel 12Q	Ships working	GYA/MGJ
12389.0	Channel 12A	Ships working	GYU
16550.9	Channel 16P	Ships working	GYA/MGJ
16566.9	Channel 16Q	Ships working	GYA/MGJ
22193.9	Channel 22P	Ships working	GYA/MGJ
25142.9	Channel 25P	Ships working	GYA/MGJ

GYA London
 GYU Gibraltar
 MGJ Faslane
 MTI Plymouth

Northwood FAX Service

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2617.0	6834.0	8652.0	10576.5	12390.0	14356.0	18261.0
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Irish Navy

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SITOR-A 2461.5
 CODAN PSK <F7> 5254.0

*Ukraine

=====

Military Net (CW) 2598.0

*Venezuela

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Venezuelian military material below is courtesy of Ron Perron.

Air Defense Command

=====

Venezuelan Air Defense Command- ALE

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This net serves various air defense missile sites and surveillance radar units based at/near Venezuelan Air Force bases and other strategic locations.

Frequencies:

5695.0 7810.0 9065.0 11130.0 13475.0

ALE Identifiers:

CDDA Air Defense Command Center (Centro de Defensa Aerea)- El Liberator Airbase
GURI Air Defense site at Guri Dam
MENE or Menemauroa Air Defense site
MAR or Maracay Air Defense site
PTORDAZ or PTO Puerto Ordaz Air Defense site
GUA or Guasualito Air Defense site
MARGARITA Isla Margarita Air Defense site
MONTECANO Air Defense site
PTOFIJO or Puerto Fijo Air Defense site

Army

====

Venezuelan Army Abbrevs:

CGE Army Headquarters (Cuartel General de Ejercito)
CLC Communications Logistics Center (Centro Logistico Comunicaciones)
CLM Maintenance Logistics Center (Centro Logistico Mantenimiento)
CRC Regional Communications Center (Centro Regional de Comunicaciones)
PCRC Rear Command Post (Communications) (Puesto de Commanda Retrasado Comunicaciones)
PNME Riverine Forces River Post
SCLC Communications Logistics Service Center (Servicio Centro Logisitico de Comunicaciones)
SCLM Maintenance Logistics Service Center (Servicio Centro Logistico Mantenimiento)
SIB Unknown
SIT Unknown
SKI Unknown

These equations are based upon my own research and analysis using Spanish-language resources and glossaries. I'm relatively certain that the equations for CGE and CRC are correct. According to various sources the Venezuelan Army has divided up the country into 6 Military Regions/Zones. This corresponds nicely to the CRC# identifiers I've seen so far. The other equations are, as I said my own derivations, and are open for discussion. I haven't seen enough of the three letter identifiers (SIB, SIT, SKI, etc) to have any equations for them.

Here are the net/frequency breakdowns that I have come up with so far.

1st Infantry Division
13500.0

2nd Infantry Division
9232.0 10156.0 11610.0

3rd Infantry Division:
9259.0 13506.0

4th Infantry Division:
12185.0 13455.0

5th Infantry Division:
12191.0 14569.0

National Guard

=====

ALE Frequencies (USB):
7849.0 9052.0 10272.0 10600.0

ALE Identifiers:

CGGN Cuartel General de Guardia Nacional-Venezuelan National Guard HQs
 VARGAS Commando de Vigilancia Costera, La Guaira, Estado Vargas.
 DESTAFAC23 Destacamento 23 de las Fuerzas Armadas de Cooperación-National Guard (Naval Component) Detachment 23
 CORE7 Comando Regional número 7, Commander Region, Puerto La Cruz
 CUF CUFAN--Unified Command of National Armed Forces
 CUFAN3 Sub-unit of Unified Command of National Armed Forces
 C5F Asuntos Civiles (Civil Affairs) C5
 PORLAMAR Destacamento de Apoyo Aereo #7, Air Support Detachment # 7, Parolmar Airport)

NOTE:

1. Commando de Vigilancia Costera is the naval component of the Venezuelan National Guard. There are seven detachments of the Vigilancia Costera and four detachments of the Vigilancia Fluvial (River Forces)
2. Commando de Apoyo Aero is the air component of the Venezuelan National Guard

Navy

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ALE Frequencies:

9350.0 (LSB) 10650.0 (LSB)

ALE Identifiers:

ARMARIO Puerto Cabella Naval base (named after Agustin Armario de Puerta Cabella)
 BDIRCO Marine Combat Engineer Battalion
 BNARCO Armario Naval base
 DCCOP Direccion de Coordinacion Y Control Operacional
 F-21 Frigate Mariscal Sucre
 F-22 Frigate Almirante Brion
 F-26 Frigate Almirante Garcia
 T-61 LSM Capana
 T-63 LSM Gojaira
 T-64 LSM Los Llanos

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GOVERNMENT NETS

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*UNITED STATES GOVERNMENT LISTINGS

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U.S. Government SHARES (Shared Resources)Program

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SHARES Coordination Network (SCN)

4490.0 Channel 3/SCN ALE Net
 4573.5 Alternate frequency for channel 1 voice check-in
 5236.0 Channel 1/SCN Voice Net
 5711.0 Channel 4/SCN ALE Net
 6800.0 Channel 9/SCN BBS Net
 9106.0 Channel 5/SCN ALE Net
 10586.5 Channel XF
 11217.0 Channel 6/SCN ALE Net
 13242.0 Channel 10/SCN BBS Net (G-TOR)
 14396.5 Channel 2/SCN Voice Net
 14898.5 Alternate frequency for channel 2 voice check-in
 15094.0 Channel 7/SCN ALE Net
 17487.0 Channel 8/SCN ALE/STI Net

SHARES coordination stations conduct a weekly SHARES net on the ten SCN

channels every wednesday from 1600-1800 UTC.

Large scale annual SHARES exercises are conducted in April, August and December.

SCN Operational Levels

SCN Operational Levels are designed to improve the responsiveness of the SHARES Coordination Network during emergencies. SCN Operational Levels are defined as follows:

Operational Level 3 - Conditions normal. No emergency exists. The ten-channel SCN may be used by SHARES station personnel for training and non-emergency operations.

Operational Level 2 - Emergency potential exists. Non-emergency operations on the SCN suspended. SCN monitoring increased. Check-in windows established on the national and regional nets to receive Stations Availability Reports.

Operational Level 1 - Emergency exists. SHARES message support required. National and regional nets maintain full-period operations to receive Station Availability Reports, to list SHARES message traffic, and to coordinate the processing of SHARES messages.

U.S. Immigration and Customs Enforcement (ICE)

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The COTHEN (Customs Over the Horizon Enforcement Net) HF radio system seems to have replaced the older JTF designated systems.

5732.0 Scan 1
7527.0 Scan 2
8912.0 Scan 3
10242.0 Scan 4
11494.0 Scan 5
13907.0 Scan 6
15867.0 Scan 7
18594.0 Scan 8
20890.0 Scan 9
23214.0 Scan 10
25350.0 Scan 11

Here are the confirmed HF COTHEN stations and their callsigns

KAE 315 Miami, Florida
KAE 326 Las Vegas, Nevada
KAE 371 Boston, Massachusetts
KAE 378 Reno, Nevada
KAE 381 Homestead, Florida
KAE 384 Wilmington, North Carolina
KAE 388 Riverside, California
KAE 398 Washington, District of Columbia
KAE 462 Houston, Texas
KAE 470 New Orleans, Louisiana
KAE 484 Denver, Colorado
KAQ 687 Beaufort, North Carolina
KAQ 688 New Bern, North Carolina
KEB 762 Albuquerque, New Mexico
KEB 765 Myrtle Beach, South Carolina
KOQ 434 Morehead City, North Carolina
KOQ 682 Cedar Rapids, Iowa
KPS 357 Salt Lake City, Utah
KPS 387 Hampton, Georgia
KPS 394 Cape Charles, Virginia
KPS 395 Atlanta, Georgia
KPS 396 Memphis, Tennessee
KZP 602 Oklahoma City, Oklahoma
KZP 604 Nashville, Tennessee

KZP 606 Kansas City, Missouri

There are two other known stations in the COTHEN HF net we do not have calls for. They are located in Lovelock and Fallon, Nevada. Can anyone help on these two stations?

Selected voice calls monitored on COTHEN

15C USCG HH-60J
 18C USCG HH-60J
 38C USCG HH-60J
 F35 USCG HU-25
 F39 USCG HU-25
 F40 USCG HU-25
 503 USCG HC-130
 718 USCG HC-130
 707 USCG HC-130
 1716 USCG HC-130

U.S. Drug Enforcement Administration

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5277.0	Alpha (Night DEA Primary)
5841.0	Bravo
7300.0	Charlie
9497.0	Delta
11076.0	Echo (Day DEA Operations)
7657.0	Foxtrot
14690.0	Golf
18666.0	Hotel (Reportedly returned to FBI in 1995)
23675.0	India
14350.0	Lima
14686.0	Papa (DEA day Primary)
23402.5	Romeo
?	Sierra Alpha
?	Sierra Bravo
11073.5	Sierra Echo
17171.0	Sierra Hotel
18171.0	Sierra India (Reportedly returned to FBI in 1995)
19131.0	Sierra Juliet
?	Sierra Lima

WUN member John Bohn offered some updates to the "Sierra" frequencies listed above, but is looking for the frequency assigned to the 'Sierra Lima' designator. John says that if you have access to an FCC database, try searching for the frequencies assigned to Rockwell International with the following call signs:

KA2XXA Richardson, TX
 KC2XKG Cedar Rapids, IA
 KC2XKJ Newport Beach, CA

The unknown "SB" and "SL" frequencies may be one of the following: 26946.0, 20348.5, 17171.0, 16376.0 and 16341.0 kHz. Rick Baker says that 18971.0 kHz may also be another.

U.S. Federal Aviation Administration

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HF Recovery Communications (RCOM)

The Recovery Communications (RCOM) Program, mandated by a variety of United States national level documents including Presidential Executive Orders and National Security Decision Directives, was established to encompass all FAA emergency command and control communications (C3) systems and projects under one program. Emergency C3 systems are defined as those means of communications that the FAA employs to direct management, operations, and reconstitution of the National Airspace System (NAS) in support of Federal Aviation Administration (FAA), Department of Transportation (DOT), and Department of Defense (DOD)

missions during national disasters or national security emergencies.

The FAA maintains a variety of fixed-position, portable, and transportable C3 communications systems for use in support of emergency operations. One such commonly heard C3 system is the RCOM/NARACS High Frequency/Single Side Band (HF/SSB) Net.

In 1995, the FAA approved the deployment of the RCOM HF/SSB upgrades and a five-year contract was awarded to Eastern Computer Incorporated (ECI) for the purpose of upgrading the FAA RCOM/National Radio Communications System (NARACS) HF network. ECI has installed the RCOM HF/SSB upgrade at all the FAA Region Offices and Emergency Operations Centers, and is the final phases of installing the NARACS/ALE upgrades at all Air Route Traffic Control Centers (ARTCCs).

FAA HF connectivity nets are conducted on Wednesday UTC. The East Coast net meets at 1545 UTC on 8125.0 kHz with KIT 88 as net control. The West Coast net was last reported on 13630.0 kHz at 1845 UTC.

FAA Recovery Communications/National Radio Communications System (RCOM/NARACS) HF SSB Network (U=USB/L=LSB)
Frequencies (including ALE): 5860.0U 6870.0U 6870.0L 7475.0U/L
7611.0U/L 8125.0U/L 9114.0U/L 11637.0U 13457.0U 13630.0U 15851.0U
16348.0U kHz

ALE Add Location	Miscellaneous Information
DEFAULT Unknown	Probably a FAA unit that has not set their ALE ID properly in their unit
FAA Unknown	Probably not a properly loaded unit, has not been seen as a regular participant on the net
FAAAL Anchorage, AK	KDM 53-Alaska Region Office/EOC
FAAACE Kansas City, MO	KKU 40-Central Region Office/EOC
FAAACT Atlantic City, NJ	KLM 80-william J. Hughes Tech Center
FAAACY Atlantic City, NJ	WHZ 74-Flight Inspect Field Office
FAAAEA Jamaica, NY	KJK 82-Eastern Region Office/EOC
FAAAGL Des Plaines, IL	WHX 51-Great Lakes Region Office/EOC
FAAANE Burlington, MA	WHX 45-New England Region Office/EOC
FAAANC Anchorage, AK	WHZ 73-Flight Inspect Field Office
FAAANM Renton, WA	WHX 20-NW Mtn Region Office/EOC
FAAASO College Park, GA	KDM 49-Southern Region Office/EOC
FAAASW Fort Worth, TX	KDM 47-Southwest Region Office/EOC
FAAATL Atlanta, GA	KLM 44-Flight Inspect Field Office
FAAAWP Fremont, CA	KMR 96-Oakland ARTCC
FAABTL Battle Creek, MI	KLM 43-Flight Inspect Field office
FAADCA Washington, DC	KEM 80-FAA Headquarters
FAAECI Unknown	Eastern Computer Incorporated Contractor for FAA ARTCC RCOM HF Network upgrade)
FAAEKN Unknown	And this is NOT a stn in Elkins, WV
FAAKLO Boonsboro, MD	KLO 87-FAA Emergency Relocation Site
	<Tentative ID>
FAALGT Longmont, CO	KCP 63-Western US C3 NCS/SCS Mtn
FAAMRB Martinsburg, WV	KIT 88-Eastern US C3 Net NCS
FAAOEX Oklahoma City, OK	KIA 21-FAA Aeronautical Center
FAAOKC Oklahoma City, OK	WHZ 77-Flight Inspect Field Office
FAASAC Sacramento, CA	WHZ 78-Flight Inspect Field Office
FAASJU San Juan, PR	KDM 45-San Juan ARTCC
FAAZAB Albuquerque, NM	KGH 23-Albuquerque ARTCC
FAAZAN Anchorage, AK	KBX 44-Anchorage ARTCC
FAAZBW Nashua, NH	KLD 70-Boston ARTCC
FAAZDC Leesburg, VA	KJK 80-Washington ARTCC
FAAZDV Longmont, CO	KCJ 70-Denver ARTCC
FAAZFW Fort Worth, TX	KBQ 25-Fort worth ARTCC
FAAZHU Houston, TX	KMU 31-Houston ARTCC
FAAZID Indianapolis, IN	KLB 48-Indianapolis ARTCC
FAAZJX Hilliard, FL	KJK 79-Jacksonville ARTCC
FAAZKC Olathe, KS	KKA 82-Kansas City ARTCC
FAAZLA Palmdale, CA	KJK 77-Los Angeles ARTCC
FAAZLC Salt Lake Cty, UT	KDC 20-Salt Lake City ARTCC

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FAAZMA	Miami, FL	KMA	47-Miami ARTCC
FAAZME	Memphis, TN	KDM	52-Memphis ARTCC
FAAZMP	Farmington, MN	KCJ	20-Minneapolis ARTCC
FAAZNY	Ronkonkoma, NY	KCD	73-New York ARTCC
FAAZOA	Fremont, CA	KMR	96-Oakland ARTCC
FAAZOB	Cleveland, OH	KLA	25-Cleveland ARTCC
FAAZSE	Auburn, WA	WHX	44-Seattle ARTCC
FAAZTL	Hampton, GA	KUV	64-Atlanta ARTCC
FAAZUA	Aurora, IL	KJB	96-Chicago ARTCC

1. FAA Southern Net meets on wednesday at 0900 ET on 6870 kHz LSB
 2. FAA Western Net meets on wednesday at 1230 ET on 13457 kHz USB
 3. FAA Eastern Net meets on wednesday at 1045 ET on 8125 kHz USB
- NCS: KIT88. Regular checkins: KEM80, KLM80, KLO87, KJK82, WHX45, KLD70, KJK80, WHX51, KJB96, KLA25, KLB48, KCJ20, KIA21, KDM49, KJK79, KMA47, KDM52, KUV64

Special thanks to Jack Metcalfe for his assistance in this section.

U.S. Federal Emergency Management Agency

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FEMA uses "Foxtrot" designations for their frequencies.
Be sure to monitor both the USB and LSB side of each of
these frequencies below for activity.

FEMA National Radio System (FNARS) HF Frequencies

F-01 2320.0	F-02 2360.0	F-03 2377.0	F-04 2445.0
F-05 2658.0*	F-06 3341.0*	F-07 3379.0	F-08 3388.0**
F-09 4603.0	F-10 4780.0**	F-11 5211.0	F-12 5378.0**
F-13 5402.0**	F-14 5821.0	F-15 5961.0**	F-16 6049.0
F-17 6106.0	F-18 6108.0	F-19 6151.0**	F-20 6176.0
F-21 6809.0*	F-22 7348.0*	F-23 7428.0**	F-24 9462.0*
F-25 10194.0*	F-26 10493.0*	F-27 10588.0*	F-28 11721.0
F-29 11801.0	F-30 11957.0	F-31 10899.0**	F-32 11108.0**
F-33 12129.0	F-34 12216.0*	F-35 11545.0	F-36 13446.0*
F-39 13780.0	F-38 13894.0**	F-37 13935.0	F-48 13956.0
F-41 14450.0	F-40 14567.0	F-42 14776.0*	F-43 14836.0
F-47 14871.0	F-44 14885.0*/**	F-45 14899.0**	F-46 14908.0**
F-50 15708.0*	F-49 15840.0	F-51 16201.0*	F-52 16238.0
F-53 17519.0*	F-54 18483.0	F-55 18744.0	F-57 19969.0*
F-58 20027.0	F-59 20063.0	F-56 20361.0	F-60 21866.0*
F-61 21919.0	F-62 22983.0*	F-63 23028.0	F-64 23390.0
F-65 23451.0	F-66 23550.0	F-67 23814.0	F-68 24008.0
F-69 24282.0	F-70 24526.0*	F-71 24819.0	

* indicates an old FEMA ALE network frequency
** indicated a new FEMA ALE network frequency

Note: It would appear that the designators above have changed and
reports
on this system would be appreciated.

Jack Metcalfe reported on the last weekend in July 2003 a new series of
frequencies for the FEMA ALE net that have replaced the frequencies
above. Please note the following frequencies are being used:

10899.0 11108.0 12112.0 13894.0 14885.0 14899.0 14908.0

Other FEMA ALE Frequencies

2414.0 4490.0 5135.0 5711.0 6151.0 7805.0 7806.4 8012.0 8050.0
9106.0 10899.0 11108.0 11217.0 12112.0 11957.0 13984.0 15094.0
17487.0 20107.0 22953.0

The information below was published in official MARS documents that are
openly available on several internet websites. According to these MARS
documents these designators are to be used by the membership in order to
provide some sort of security for the FEMA National Emergency
Coordination Net (NECN). The various MARS branches are suppose to use
the

designators below instead of announcing frequencies on the air.

Designator	Frequency	Mode
FEMA-1U	5211.0	USB
FEMA-1L	5211.0	LSB
FEMA-2U	10493.0	USB
FEMA-2L	10493.0	LSB
FEMA-3U	14567.0	USB
FEMA-3L	14567.0	LSB
FEMA-4U	13956.0	USB
FEMA-4L	13956.0	LSB

Other FEMA HF Assignments

2220.0	2258.0	2280.0	2317.5	2652.0	3206.5	3224.0	3342.5	4018.5
4023.5	4031.5	4441.5	4598.5	4608.5	4883.5	4886.5	5303.5	5379.5
5935.0	6804.5	6996.5	7361.5	8051.5	8161.5	9122.5	10871.5	11995.5
12112.0	12250.5	13451.0	16315.5	17461.5	17481.5	17501.5	20414.0	
20444.5	20447.5	24060.0	24105.0	24135.0	24160.0	24191.0		

Also published on open internet websites the following callsign list.
MARS has now assigned callsigns listed below to the FEMA Mobile
Emergency
Response Support (MERS) Detachment Stations.

- A. FEMA REGION 1:
 - AAN1FMA, MAYNARD, MA
 - AAN1FMB, MOBILE
 - AAN1FMC, MOBILE
 - AAN1FMD, MAYNARD, MA
- B. FEMA REGION 3
 - AAN3FMA, MT. WEATHER, VA
- C. FEMA REGION 4
 - AAN4FMA, THOMASVILLE, GA
 - AAN4FMB, MOBILE
 - AAN4FMC, MOBILE
 - AAN4FMD, MAYNARD, GA
 - AAN4FME, MAYNARD, GA
- D. FEMA REGION 6
 - AAN6FMA, DENTON, TX
 - AAN6FMB, MOBILE
 - AAN6FMC, MOBILE
 - AAN6FMD, DENTON, TX
 - AAN6FME, DENTON, TX
 - AAN6FMF, DENTON, TX
 - AAN6FMG, DENTON, TX
- E. FEMA REGION 8
 - AAN8FMA, DENVER, CO
 - AAN8FMB, MOBILE
 - AAN8FMC, MOBILE
 - AAN8FMD, DENVER, CO
- F. FEMA REGION 10
 - AAN0FMA, BROTHELL, WA

Scheduled Government HF Nets

=====

Here is a list of the known United States Government nets.

++Federal Aviation Administration++

Southern Region Net meets on wednesday at 0900 ET on 6870.0 LSB
Eastern Region Net meets on wednesday at 1045 ET on 8125.0 USB
Western Region Net meets on wednesday at 1230 ET on 13457.0 USB

Note: I have not monitored these nets in some time. If no reports are received in the near future I will remove them from these listings-LVH

++Federal Highway Administration (FHWA) Region 7 Coordination Net++

This net starts at 1000 ET every wednesday using the following times and frequencies (last heard 20 Aug 2003):

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Time(H+min)	Freq	Desig	Freq (kHz)
H+00	F-14		4821.0
H+10	F-02		5255.0
H+20	F-03		7419.5
H+30	F-04		9197.0
H+40	F-05		10891.0
H+50	F-42		13434.0
H+60	Net Terminated		

++Missouri State Emergency Communications Net++
Wednesday weekly net at 0930 CT (1530 winter/1430 summer UTC) on 5140.0 kHz USB.

++New Hampshire Emergency Operations Centers++
Here's what Ron Perron has compiled on the New Hampshire Emergency Operations Center net. It is stuff that Jack Metcalfe, Mike Chace and Ron have all posted. Jack did the original work on the frequencies and ALE addresses. The net just grew from there as we listened in.

Confirmed Freqs (All USB/ALE):
2414.0 5135.0 5136.6 5192.0 5193.4 7805.0 7806.4

ALE Identifiers:
BE1RL Berlin EOC
CE1NT Centerville EOC
CO1NC Concord EOC
HI1LL Hillsborough EOC
KE1EN Keene EOC
LA1NC Lancaster EOC
MI1LF Milford EOC
NA1SH Nashua EOC
PE1TE Peterborough EOC
RO1CH Rochester EOC
WPFJ625 New Hampshire State EOC, Concord NH

++Ohio Disaster Services Agency++
Tuesday weekly net at 1400 UTC on 4640.0 kHz USB.
Anyone else have any scheduled HF government nets they are aware of?

++Shared Resources (SHARES)++
SHARES Coordination stations conduct a weekly net on all ten SCN frequencies (see US Government SHARES Program section below). The net is operational weekly on wednesday from 1600-1800 UTC.

=====

```

# NUMBERS & ODDITIES #
//////////////////////////////////////\//////////////////////////////////////
- Editor: Ary Boender ***** e-mail: ary@luna.nl -
- Nickname on IRC channels #wun #monitor #numbers: Ary-B -
-
- Download the complete N&O newsletter from the N&O web site -
- http://home.luna.nl/~ary/ -
-
- Online database: Chris Smolinski <csmolinski@erols.com> -
- http://www.spynumbers.com/numbersDB/ -
//////////////////////////////////////\//////////////////////////////////////

```

-::: N&O #74, June 2004 :::-

Hi all, the numbers scene was very slow this month. There were very
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WUN-v10

little logs, no new stations, no E10 strings, no exciting catches, and hardly any input from fellow monitors. Besides that, I've been on vacation so I had no time to dig for info myself. Well... you probably guessed it already, N&O is very short this time.

Contributors: Tom, Fritz, Jim, Takashi, Tomonori, Mark, Chris (via E2K), Sergey. Gentlemen I owe much gratitude to you for your help.

-0-0-0-0-0-0-0-0-0-0-

* VOICE STATIONS *

::: E03

IDs in the first half of the month, compiled by Al:

UTC	Mon	Tue	wed	Thu	Fri	Sat	Sun	UTC
1200	39995	39995	39995	39995	39995	39995	39995	1200
1300	00714	00714	00714	00714	00714	00714	00714	1300
1400	01120	04015	37968	79669	39995	23221	78321	1400
1500	78321	01120	04015	37968	79669	39995	23507	1500
1600	23507	78321	01120	04015	37968	79669	23221	1600
1700	23221	23507	78321	01120	04015	37968	39995	1700
1800	39995	23221	23507	78321	01120	04015	79669	1800
1900	79669	00714	23221	00714	78321	01120	00714	1900
2000	00714	39995	00714	23507	00714	78321	37968	2000
2100	37968	79669	39995	23221	23507	00714	04015	2100
2200	04015	37968	79669	39995	23221	23507	01120	2200

Second half of the month:

UTC	Mon	Tue	wed	Thu	Fri	Sat	Sun	UTC
1200	44614	44614	44614	44614	44614	44614	44614	1200
1300	44942	44942	44942	44942	44942	44942	44942	1300
1400	93599	41532	37344	10637	44614	08553	96976	1400
1500	96976	93599	41532	37344	10637	44614	67423	1500
1600	67423	96976	93599	41532	37344	10637	08553	1600
1700	08553	67423	96976	93599	41532	37344	44614	1700
1800	44614	08553	67423	96976	93599	41532	10637	1800
1900	10637	44942	08553	44942	96976	93599	44942	1900
2000	44942	44614	44942	67423	44942	96976	37344	2000
2100	37344	10637	44614	08553	67423	44942	41532	2100
2200	41532	37344	10637	44614	08553	67423	93599	2200

<<<<<>>>>

::: E04

IDs in the first half of June, compiled by Tomonori:

UTC	Sun	Mon	Tue	wed	Thu	Fri	UTC
2200	97223	92626	88791	92972	92626		2200
2300	92626	88791	92972	92626	57972		2300
0000		88791	92972	92626	57972	19118	0000
0100		92972	92626	57972	19118	14122	0100
1000		92626	57972	19118	14122	97223	1000
1100		57972	19118	14122	97223	92626	1100
1200		19118	14122	97223	92626	88791	1200
1300		14122	97223	92626	88791	92972	1300

<<<<<>>>>

::: V02A

Chris heard a nice one on 21-6 at 0200 UTC on 12165 khz. He copied v02a with one of its famous hick-ups. "ID is 83461 43141 64381, sounds like its having trouble with the machine that makes the numbers, says a couple of numbers, then stops. Sounds like an open mic at about 0205z

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with Radio Havana Cuba in the background very faintly. Jumps straight into message at 0206z without saying full ID."

<<<<<>>>>

::: V24

The South Korean lady has been heard on 5715 and 6215 kHz at 1400 and 1500 UTC.

<<<<<>>>>

::: V25

Takashi reports a couple of transmissions of the Chinese lady. 8195 kHz at 1301 UTC, 8870 kHz 1403 UTC, 9256 kHz in AM at 12001 UTC.

<<<<<>>>>

::: V26

The Chinese/English numbers station can still be copied in 6448//8621 kHz LSB.

-0-0-0-0-0-0-0-0-0-0-

* MORSE STATIONS *

::: MX

Channel marker "R": 4325.8, 5153.8 kHz
Channel marker "F": 3798.5, 4315 kHz. This is not the Vladivostok beacon but a marker from Europe, probably from Gdynia in Poland. The marker has been noted on a number of occasions during the past few years, always on 3 or 4 MHz frequencies. This month the station popped up on 10-12 June. We are still trying to get a fix on the station for a positive identification. Your help is appreciated.

Cluster beacons:

"S": 5153.9, 7038.9, 10871.9, 13527.9, 16331.9 kHz
"F": 5154.2, 8495.2, 10872.2, 13528.2, 16332.2 kHz
"K": 8495.3, 16332.3 kHz
"M": 5154.4, 8495.4, 10872.4, 16332.4 kHz

<<<<<>>>>

::: M03C

9179 kHz, 1330 UTC, 3-6: 184/34 R5 == 5FGx34 == msg rptd === 0 0 0

<<<<<>>>>

::: M10

5077 kHz, 23-6, 1912 UTC, ID 919/37
5738 kHz, 14-6, 2110 UTC, in progress
5738 kHz, 16-6, 2100 UTC, ID 688/29
6781 kHz, 2-6, 0555 UTC, in progress
8143 kHz, 31-5, 1930 UTC, ID 579/35
7380 kHz, 31-5, 1415 UTC, ID 814/23 081/28
13405 kHz, 6-6, 1530 UTC, ID 774/22 432/31

<<<<<>>>>

::: M12

6782 kHz, 1-6, 1600 UTC, ID 749/141

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7657 kHz, 1-6, 1620 UTC, in progress
9164 kHz, 27-5, 1830 UTC, in progress

<<<<<>>>>

::: M13

03-06, Thu, 2000 UTC, 13257 kHz, 253 (R5) BT 240 23 BT
04-06, Fri, 2000 UTC, 13257 kHz, 253 (R5) BT 240 23 BT
04-06, Fri, 2145 UTC, 6933 kHz, 757 (R5) BT 262 2. BT
05-06, Sat, 0400 UTC, 8677 kHz, 284 (r5) BT 237 24 BT
06-06, Sun, 1900 UTC, 12325 kHz, 261 (R5) BT 281 21 BT
06-06, Sun, 2000 UTC, 12325 kHz, 261 (R5) BT 281 21 BT
(rpt of 1900 UTC on 12325 kHz)
10-06, Thu, 2000 UTC, 13158 kHz, 714 (R5) BT 237 22 BT
21-06, Mon, 1900 UTC, 11612 kHz, 517 (R5) BT 242 21 BT
21-06, Mon, 2000 UTC, 11612 kHz, 517 (R5) BT 242 21 BT
22-06, Tue, 1900 UTC, 11612 kHz, 517 (R5) BT 242 21 BT
22-06, Tue, 2000 UTC, 11612 kHz, 517 (R5) BT 242 21 BT
(rpt of 1900 UTC on 11612 kHz)

<<<<<>>>>

::: M14

Reported on 11070 kHz, on 23-6 at 1535 UTC, in progress. Ends with:
549 549 130 130 0 0 0 0 0

<<<<<>>>>

::: M18

Still on 4503 kHz

<<<<<>>>>

::: M21

5221.5 and 5772 kHz, id "0"
9222 kHz, id "3"
3809.5 kHz, id "8"

<<<<<>>>>

::: M22

The usual bunch, also heard in June: 2680, 2800, 4241, 4331, 5159,
7379, 8103, 10046, 12984 kHz.

<<<<<>>>>

::: M51

Frequencies	date	time
4440//4885	9-6	1920 UTC
4481	27-5	1540 UTC
4498//5018	21-6	1541 UTC
4582//6849	15-6	2130 UTC
4769//5925	24-6	0735 UTC
4769//5925	22-6	1510 UTC
5018	17-6	2125 UTC
5018//4498	24-6	0930 UTC
5055//5314	26-5	1530 UTC
5055//5314	27-5	0625 UTC
5121	31-5	1410 UTC
5121//5905	1-6	1525 UTC
5121//5905	2-6	0610 UTC

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5127	16-6	2110 UTC
5192//5377	22-6	1500 UTC
5192//5377	23-6	1510 UTC
5192//5377	24-6	0620 UTC
5262	26-5	0600 UTC
5337//5374	24-6	1507 UTC
5474	10-6	2130 UTC
5838//5893	31-5	1350 UTC
5838	2-6	1640 UTC
5838	8-6	2100 UTC
5905//5121	1-6	1525 UTC
5905//5121	2-6	0610 UTC
6914//6975	1-6	1350 UTC
6914//6975	3-6	1507 UTC
6945	31-5	1500 UTC

<<<<<>>>>

::: M62

3485 kHz, 1-6/10-6: B3ET B3ET B3ET = RNJ5 RNJ5 RNJ5 + QSA 0/1
3485 kHz, 11-6/20-6: J7XD J7XD J7XD = D3QK D3QK D3QK + QSA 0/1
3485 kHz, 21-6/30-6: QR2U QR2U QR2U = KP6F KP6F KP6F + QSA 0/1
1732 kHz, again not heard this month.

<<<<<>>>>

::: M89

"V MW4D MW3D MW3D DE 2SLC 2SLC" on 3330//4440 kHz at 2102 UTC
and on 5588//7074 kHz at 1909 UTC

-0-0-0-0-0-0-0-0-0-0-

* VARIOUS MODES *

S28: Buzzer on 4625 kHz
S30: Pip on 3756 kHz
XSW: Squeaky wheel on 3828.9 kHz
XSL: Japanese Slot Machine on 6250, 6417, 6445, 8313, 8588, 8703.5 kHz

<<<<<>>>>

::: XWP - HF OCEAN SURFACE RADAR

The radar is still using the same set of frequencies but a different schedule than last year. I have followed it during a couple of evenings and found the following:

1700 UTC: 8034 kHz
1900 UTC: 6818 kHz
2000 UTC: 6900 kHz. Moved to 8034 kHz at 2002 UTC (20-6)
2002 UTC: 8034 kHz
2100 UTC: 6818//9250 kHz
2200 UTC: 8158//9250 kHz
2300 UTC: 8158//9250 kHz

<<<<<>>>>

::: JAMMERS

Iran : 3875, 3880, 3915, 3940, 4250, 4375, 7490 kHz
Cuba : 6030, 7365, 7405 and harmonics on 12060, 14670, 14810, 18090
and 22095 kHz
China : 15660, 15680 kHz
Ukraine: 100.9 MHz

Tom Norris from Tennessee supplied some info about the Havana Gurgler.
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"Radio Marti - a US sponsored politically motivated anti-Castro station transmits on 6030 and 7365 kHz on the shortwave broadcast bands. Cuba regularly jams these transmissions with a jamming device that has a signal similar to gurgling water, thus the noise has come to be known the Havana Gurgle. Trouble with these jammers is they are very "dirty" and the harmonics can be heard at very strong levels on several frequencies.

The jammer for 6030 khz can be heard on 12060, 18090 regularly in the US. The jammer for 7365 can be heard regularly on 14670 and rarely on 22095. These frequencies are "nominal" since it is said that Cuba has many locations for its jamming equipment and I'm sure all the jammers are not exactly on frequency - an example is the harmonic for 6030 can be heard on 18090, but also on 18086."

Tom has sent me a couple of Gurgle samples. You can find them on the N&O website at <http://home.luna.nl/~ary>

-0-0-0-0-0-0-0-0-0-0-

* UNID STATIONS *

::: 2-SECOND PIP

The unid 2-seconds pip was heard on 3115//5455//8340 kHz at 1303 UTC. Occasionally sending "Z". Also observed on 8340//10470//14425 kHz at 0926 UTC.

<<<<<>>>>

::: "2"

Is the Chinese station with callsign "2" really gone or did she change frequency and is she somewhere out there waiting to be found again?

<<<<<>>>>

::: SF03

Reported a couple of times during the past months. Possibly CIS military transmitting endlessly "SF03" on 3699 kHz.

-0-0-0-0-0-0-0-0-0-0-

* MILITARY STATIONS *

::: RUSSIAN / CIS MILITARY STATIONS

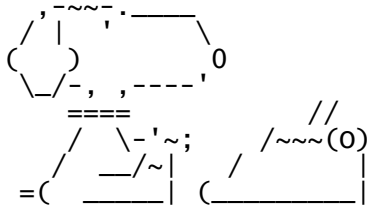
- 18.1 RDL: Russian Military VLF Site Krasnodar
- 3531 REA4: Russian AF HQ Moscow //7959 and 4357 kHz. QSX 8778 kHz.
- 4357 REA4: Russian AF HQ Moscow //3531 and 6959 kHz. QSX 8778 kHz.
- 4825 All traffic in LSB. Encrypted voice numbers info in Russian transmitted every 2 min. Message example: "06 16th 534 19 in 69th for 46 2 0638 534 65 in 92nd for 46 2 in 92nd for 46 2 0709 73 in 34th for 46 2 07 75th 534 39 for 46 2"
"Nabor-61" lsb CIS (UKR?) mil 2047 counting from 1 to 0. Radio check with Lotos-05.
"000" traffic with "Vozdukh", 001, 002, 003, 004, 005, 006 with a message every minute. Example: "first five 09 in 32 to 3rd for 37". "Shpora-19" calling Lotos-05. "ASA" calling "SJA" twice in English.
- 6846 4CMR, GRAR, 6VFF, DKJU, B74U. QSX 5879 kHz.
- 7614 RGT77: Russian Military Broadcast.
= PXEDE oIFFa OGPZC KoYYD uHAZT JOINJ MKVAa NXPYa BFTCa QI00a RSBZu LBoLU POPaE = K. (
- 7959 REA4: Russian AF HQ Moscow //3531//4357 kHz. QSX 8778 kHz.

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8778 REA4: Russian AF HQ Moscow.
8778 HTDI
9913 W5W7, ARP6.
28502.5 Traffic in LSB. Encrypted messages.

-0-0-0-0-CONET-0-0-0-0-

||||| PRODUCTS and BOOKS Review |||||



Editor.....Bob Margolis
136 East Woodland Road
Lake Forest, IL 60045-1729

mahler6@mc.net

Military Frequency Directory, 2nd Edition, on CD-ROM
by Larry Van Horn, Monitoring Times Magazine Milcom Columnist

This is one massive publication that should be in every milcom monitor's reference library. It contains 765 pages in Adobe Acrobat PDF format, of which 728 pages are devoted to military frequencies used in the United States and the remaining pages to the rest of the world.

According to the "How to Use This Guide" section, this anthology was written because there wasn't any such publication that covered "all military frequencies for military installations throughout the continental United States."

The author says most of the frequencies "were gathered through personal contact with hundreds of individuals who are active radio monitors and live near these (U.S.) bases" and he "conducted numerous field trips to bases around the country to fill out the spectrum picture." It took over six years to accumulate that information, he added. It is a job well done, Larry.

The frequencies listed are in the HF, VHF and UHF ranges, with just a few being above 420 MHz.

The directory is broken into three sections, United States Listings, State Listings, and Overseas Listings.

United States Listings are for NORAD, Military Communications Satellite Bandplans, and Space Ground Link Subsystem (SGLS)

Overseas Listings are listed thusly:

- Ascension Island
- Antigua
- Australia
- Bahamas
- Belgium
- Bermuda
- Canada
- Alberta
- British Colombia (sic)

Manitoba
New Brunswick
Nova Scotia
Ontario
Prince Edward
Quebec
Saskatchewan
Europe
Aerial Refueling
Combined Endeavor
XX Radio Relays
NATO
Germany
Guam
Honduras
Italy
Japan
Netherlands
Puerto Rico
United Kingdom

(Comment: Canada is not considered by geographers as being "overseas". Maybe "Overseas Listings" could be renamed in future editions?--Ed.)

The frequency directory was written for a Microsoft windows-compatible machine. While individual .pdf-formatted issues can be read on a Macintosh computer, search features and other functions run only under windows. It is recommended one has a minimum of a 486/66 machine with 16 Mb of RAM. At least 20 Mb of hard drive space is needed for Adobe's Acrobat Reader, with version six supplied on the CD for installation, to read the anthology, which runs directly from the CD-ROM.

An instruction sheet supplied with the CD-ROM tells you how to run it on your computer.

You may order a copy directly from Grove Enterprises for \$39.95 plus shipping and handling. Order SFT-31 at <http://www.grove-ent.com>, or e-mail to order@grove-ent.com, or call 1-800-438-8155.

While ordering, please tell them WUN sent you. Thank you.

THE WUN QSL CENTER
Deadlines: 15th of each month

John (J.D.) Stephens
P.O. Box 11522
Huntsville, AL 35814-1522, U.S.A.

E-Mail: jds1@bellsouth.net

=====
Several folks have reported difficulties sending in their QSL info for the column. As it turns out, my old e-mail address was still located on the WUN website. It's now been updated, and included above. This may explain the lack of QSL submissions. but, this month we have some veries to report thanx to two of our esteemed WUNners
=====

station/antenna

verie (type?) in 33 ds for e-mail Power = 400w. Address:
S.R. Marina, Estação Radionaval da Horta, P-9900, Horta,
Portugal. (EW)

BELGIUM: OST - Oostende Radio. 2187.5 f/d QSL and ppc in 40 ds.

Address:

Oostende Radio - Ministerie Van Landsverdediging, Radio Marietiem,
Diensten, Perronstraat 6, 8400 Oostende, Belgium. (AI)

BULGARIA: LZW - Varna Radio. 2187.5 f/d ltr in 12 ds for e-mail rpt to
varnarad@navbul.com. (AI)

CANADA: VCO - MCTS Sydney, Nova Scotia. Verie (type?) in 87 ds after a
f/up. Address: Canadian Coast Guard, MCTS Sydney, P.O.Box
8630, Sydney, NS, B1P 6K7, Canada. (EW)

MADEIRA: CTQ - Estação Radionaval do Porto Santo. 2657 f/d ltr, cd, and
Christmas cd in 17 ds. Address: Estação Radionaval do
Porto Santo, Apartado 3, 9400-010 Porto Santo, Portugal
(EW)

POLAND: SPC42 - Gdynia Radio. 8788 QSL cd & ltr in 42 ds. (Station
went

silent on Dec 31, 2003) (EW)

=====
Abbreviations used:

f/d = Full data p/d = partial data n/d = no data
cd = QSL card ltr = ltr V/s: = Verification Signer
ds = ds wks = weeks ms = mint stamps
f/up = follow up SASE = Self-Addressed Stamped Envelope
PFC/ppc = Prepared Form Card

This month's contributors:

Ewald Glantschnig - Geneva Switzerland (EW)
Andreas Ibold - Alpen, Germany (AI)

See you next time...

73 de JDS.

UTILITY ROUND-UP #####
Editor: Ary Boender (ary@luna.nl)
Nickname on IRC #monitor: Ary-B

Hi there! I just returned from a very nice vacation in England where
the weather was fine (yes, really!!!). I had no radio with me but I
did want to do something radio related, so I visited the Royal Corps of
Signals Museum in Blandford Camp in the beautiful Dorset countryside.
It is the national museum of Army communications. Should you have plans
to visit them, be sure to bring your passport or something like that to
identify yourself because the museum is on the compound of the Signal
Corps. Further to the south west, in Cornwall, you may want to go to the
largest satellite earth station in the world, the BT site in Goonhilly
near Helston. Equally impressive, but not radio related was the Eden
Project near St Austell in Cornwall. For more info about these places
please check the respective websites at:

<http://www.army.mod.uk/royalsignalsmuseum/>
Pagina 407

http://www.goonhilly.bt.com/location_frame.htm
<http://www.edenproject.com/>

So, back home again, I suddenly remembered that I had two columns to write. Luckily I received two lengthy items from Roger Caird and Japan Ute Monitor. Thanks a million guys!

-0-0-0-0-0-0-0-0-0-0-

* NORTH KOREAN METEO *

"Do any of you recognize the attached weather report format?" asks Japan UTE Monitor, "It is sent by Pyongyang Meteo on 6780 (c/s: HMA) in CW. All of the reports are for Chinese airfields, although an occasional DPRK airfield shows up as well. The airfield names in the text file were added by me."

5451132962811T21T1772T1383TT894T12757T1482T47 =	BEIJING
545393267T7T9T21T16T2T12T3T1194T13357T19874// =	LETING
546T23296T811T21T1872T15T4T12757TT88TTT7 =	BAODING
5466232962814T41T1432T1343TT224T14157T1488T2/ =	DALIAN
547533266T814T11T1832T1653T1174T12457T11885// =	LONGKOU
5477611/TT916T41T1212T1193TT834T1U957TT96991176T44 =	CHENGSHANTOU
5482331957811T21T1522T132399194T12157TT671TTT88T2/ =	JINAN
548433192T6TTT1T1452T1313T1T14T12knE57TT6D chTTT8TTT2 =	WEIFANG
56T961157T829T11T1772T16238ch J4TT7452TT66TT3176T86885// =	WUDU
565713298TTT4T1W T2U M OT123 Ü832952TT6 =	XICHANG
5677832H65125T21T1932T13 UT8T8OT 2TTÜ 8 TE chTT =	KUNMING
57T161195T811T31T1652T15T4T1T557TT66993171T6T88 =	BAOJI

If one replaces the T (shortcut) to 0 then splits the number strings into 5 figure groups it becomes apparent (using the first five as examples) that the coding is the world Meteorological Organisation (WMO) FM 12-XII SYNOP code form (Report of surface observation from a fixed land station).

54511 32962 81102 10177 20138 30089 40127 57014 82047 =	BEIJING
54539 32670 70902 10160 20120 30119 40133 57019 874// =	LETING
54602 32960 81102 10187 20150 40127 57008 80007 =	BAODING
54662 32962 81404 10143 20134 30022 40141 57014 8802/ =	DALIAN
54753 32660 81401 10183 20165 30117 40124 57011 885// =	LONGKOU

The first report breaks down further into:

Section 0	
54511	WMO Station ID (54 = Block number for China)
Section 1	
32962	3 Ind for inc/omission of precipitation data - (None, no group 6.... follows).
	2 Ind for type of station and for pres/past wx data (Manned operation. No group 7.... follows)
	9 Height above surface of lowest cloud seen (>2500 metres, or no cloud).
	62 Horizontal visibility (coding table) (12km)
81102	8 Total cloud cover (8 oktas)
	11 True wind direction from which blowing (110 degs)
	02 wind speed (units used not known in this example)*

10177	0	Sign indicator (0 or +)
	177	Air temp in tenths of degree Celsius (17.7)
20138	0	Sign indicator (0 or +)
	138	Dew-point temperature in tenths of degree Celsius (13.8)
30089	0089	Pressure at station level, tenths of hPa, thousand digit omitted (1008.9)
40127	0127	Pressure at mean sea level, tenths of hPa, thousand digit omitted (1012.7)
57014	7	Characteristics of pressure tendency over 3 hrs preceding time of observation (decreasing - steadily or unsteadily).
	014	Amount of pressure tendency during preceding 3 hrs in tenths of hPa. (1.4 hPa).
82047	2	Amount of Stratocumulus, Stratus, Cumulus, Cumulonimbus present (2 oktas)
	0	Clouds of Stratocumulus, Stratus, Cumulus, Cumulonimbus present (none)
	4	Clouds of Altopcumulus, Altostratus, Nimbostratus present (patches of Altopcumulus)
	7	Clouds of Cirrus, Cirrocumulus, and Cirrostratus present (veil of Cirrostratus covering the celestial dome).

Section 2
n/used

* there is no date/time group for the synoptic observations shown by these captures. That group also indicates the units used in wind speed measurements.

Possibly sent at the beginning of the transmission was a possible option considered but JUM has provided an .mp3 with the run-in. However there is no indication of DTG.

JUM reports "Usually at H+30, but it doesn't run 24/7. I haven't been able to determine an exact schedule, but this one was recorded with calls beginning at 1200 UTC, and into tfc at 1230. I've also seen it at 0600 with tfc at 0630. It would seem logical to say that the schedule might be every 3 hours, but it isn't reliable."

One can only assume they relate to the synoptic hour 30 minutes earlier.

Interestingly the broadcast is made to CP (General call to one or more specified stations) rather than to CQ (General call to all stations).

Thanks JUM - makes an interesting change to seeing SYNOP being sent other than by RTTY.

-0-0-0-0-0-0-0-0-0-0-

* SPURIOUS SIGNALS *

By: Roger Caird <roger@indigo.ie>

Roger has sent me an interesting report about the funny noises that can be heard on LF. After reading his findings, I too shut down my computer and disconnected as much electrical equipment as I could and started to spin the dial to see what funny noises I could hear. Roger, the floor is yours!

"I had one of my field day events to-day! It was the result of my recent obsession with spurious noises in NDB-land. Equipment was the AOR AR5000 with the W9GR DSP-II filter and 100 or so meters of wire lying on the ground.

It wasn't a great idea, the aerial wire was severely tangled, it took ages to lay it out, the fuse went in the cigar lighter adaptor, no

spare fuse with me, and then I lost the little spring out of it. Got that sorted out and then I wasn't getting any sound through the DSP to the headphones, another ten minutes of checking cables and plugs until I saw the position of the squelch on the AR5000. At least it had stopped raining.....

I was at my usual field QTH on an estuary just North of Dublin, this is about 20miles from home, about 1 mile from the nearest habitation so presumably fewer TV/Radio I.F. noises. Conditions seemed rather poor, the furthest NDB I heard was only about 100 miles away. However, those dozens of seemingly unmodulated carriers were also fewer in number.

I initially laid out the aerial pointing roughly to the East and at half-time moved the aerial so that it pointed North. Wasn't a whole lot of difference..

The following were all heard previously from home, using the JRC NRD-535. I carried out the scan using the W-E aerial between 1310 UTC and 1425 UTC, and the S-N aerial between 1430 UTC and 1530 UTC.

281.3	Warbler NNNN	both aerials	
287.7	Carrier	W-E aerial only	
302.57	Carrier	both aerials	
303.62	Carrier	both aerials	
312.52	Carrier	both aerials	
331.73	Carrier	S-N aerial only	
343.77	Carrier	S-N aerial only	
362.7	Slow warbler	Both aerials	
363.67	Carrier	both aerials	
372.21	Carrier	both aerials	
375.03	Carrier	both aerials	
		possibly artifact of 378.0-KLY? about 20km.	
389.3	Carrier	W-E aerial only	) maybe these 3 are connected?
389.42	Warbler NNNN	W-E aerial only	
391.7	Carrier	W-E aerial only	
392.3	Carrier	S-N aerial only	
394.74	Carrier	both aerials,	
		possibly an artifact of 397.0-OP, about 10km.	
403.76	Carrier	both aerials	
427.3	Carrier	both aerials	
435.5	Carrier	S-N aerial only	
437.5	Carrier	both aerials	
451.7	Carrier	S-N aerial only	
455.8	Fast Warbler	S-N aerial only	can only hear carrier at home 1800 UTC!!
465.3	Warbler NNNN	both aerials	
471.7	Carrier	both aerials,	very weak on S-N aerial.
479.7	Carrier	both aerials	
481.2	Fast Warbler	S-N aerial only,	previously heard only a carrier at home, can hear nothing at home at 1805 UTC
483.7)	Carrier	W-E aerial	
483.7)	Fast Warbler	S-N aerial;	can only hear carrier at home 1807 UTC

However, to throw a spanner in the works I also heard the following, NOT heard at home on either receivers.

Carriers, heard on both aerials: 293.34, 298.27, 303.2, 308.15, 376.47, 384.5, 394.4, 425.0, 425.7, 443.7, 447.3, 448.6, 467.0 485.65
470.75 Carrier S-N aerial only

433.3	Fast warbler	W-E aerial only
444.8	Fast warbler	both aerials possibly related to 397-OP about 10km
445.8	Fast warbler	both aerials possibly related to 397-OP about 10km
453.6	Fast warbler	S-N aerial only
458.4	Fast warbler	S-N aerial only

460.5 Fast warbler S-N aerial only
 464.63 Fast warbler both aerials
 465.13 Fast warbler both aerials
 468.73 Fast warbler both aerials
 479.23 Fast warbler S-N aerial only
 487.19 Fast warbler S-N aerial only
 488.94 Fast warbler S-N aerial only
 491.71 Fast warbler S-N aerial only

The "fast warblers" sound like DGPS signals, could they be some kinda harmonics? I don't know what to make of them, I don't hear them at home on either radios. Maybe they are generated in the electronics of the car? [a Renault Megane II], but then why would some appear only on one aerial? Regarding the comment about 397-OP (one of my local boomers) this is getting progressively sicker, I can now hear it at dozens of places on the band, with both positive and negative idents.

Then, just for a laugh I dialed down to 100 kHz and scanned up to 150 kHz, but as these frequencies are outside the NDB band I can't tell you about what I heard - You ain't heard nothing yet!!"

A couple of days after his field day, Roger again combed the bands and reports:

"Just now I am listening down on the LF frequencies, 02/05/2004, 1545 UTC (5 hours before sunset) and there are yet more funny noises to be found down here! In the last hour or so I have heard yet more new noises!!

I heard a weak carrier that moves down the band, I first heard it on 305.5 and followed it down to about 300 kHz. (I got interrupted and lost it!) It took exactly 5 minutes to cover 1 kHz. Does it sound like something caused by the receiver warming up? (I had just turned it on!) Also noticed wide noises from 293.5 to 284.7 kHz, and 317.5 to 319.3 kHz

On 285.35, and 297.35 I earlier reported "random dots" I am fairly sure these are related to really strong DGPS signals from Stirling, in Scotland on 285.5, [341 km) and Point Lynas, in Wales on 297.5 [121 km] However, I also reported "random dots" on 362.9 and 363.1. There is no DGPS station close to this frequency, although there is a very strong carrier on 362.55 and a warbler on 362.7. The dots seem to have no relationship to the peaks of the warbler.

On 312.52 there is a constant carrier (right on the Baltic Marine beacon freq.)

On 313.23 where I had previously reported ""EN and 6 dots" all run together in 2 seconds strongest to west", I heard what Jean described as "Like Sitor" [hrd Jean Jacquemin France 16/04/04.] also strongest to the West..... probably same station???? Maybe it was idling when I heard it?

The band between 305.5 and 312.5 is remarkable for their absence of noises other than DGPS.

There is a really strong carrier on 320.0 (maybe 320.0-CAE Caernarfon, Wales. 132 km distant), but both idents were just barely audible! When I started up Skysweeper to investigate it, and turned off my W9GR DSPI filter, I found a signal with about 10 carriers which promptly disappeared after about 15 seconds! (at 1620UTC), leaving CAE's weak carrier. By 1630 another carrier had faded up on 320.16

On 321.05 and 321.3 I had previously heard "constant T's (20 in 15 seconds)" but when I turned off the DSP the "Ts" became the warbler that Alan Gale had reported! This is strongest to my south. Usually, warblers only sound like warblers when using narrow filters, using only the 2kHz filtering of the NRD-535 it sounds like rhythmic

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thumping!

There are odd twin carriers on 358.5 and 358.56 [this one actually decoded a DGPS message from station 982!!) 358.95 and 359.01; 359.39 and 359.49 (which seems to have a squeaky wheel noise on it! - that sounds like something I saw reported on WUN??

On 380.68 at 1845UTC I found a signal that was moving in and out of the 200Hz bandpass of the DSP filter, this one seemed to disappeared after about 60 seconds, only to find it again at 381.05 about 30 seconds later, by 1852UTC it was up around 381.4. This one also convinced Skysweeper to decode a DGPS GLONASS message from Station 473.

OK enough, this frequency scan was meant to pass only a few minutes, however, it held my interest for 4 hours. Time for something to eat!"

Roger

<<<<>>>>

Thanks Roger. I carried out the scan using a NRD545 and an ALA-1530 loop (east-west) between 1430 UTC and 1455 UTC, and north-south between 1455 UTC and 1500 UTC. The band was more quiet now the pc's etc. were down. I scanned the frequency range 275-510 kHz. Apart from the usual beacons and DGPS stations, I noticed the following:

- 277.4 carrier
- 289.5 FSK signal
- 304.6 carrier
- 306.0 carrier
- 309.6 carrier
- 330.5 carrier
- 332.6 carrier
- 427.5 carrier
- 428.5 carrier
- 429.5 carrier
- 432.5 carrier
- 441.5 motor boat sound
- 461.0 carrier
- 498.5 carrier
- 499.5 carrier
- 508.8 unid digital mode

Nothing spectacular. There is probably more out there but due to the statics this was all I could hear.

-0-0-0-0-0-0-0-0-0-0-

* BRAS-3 / RS-10 *

The BRAS-3/RS-10 systems are still alive. These Russian hyperbolic radio navigation systems are/were located in the Baltic Sea, Black Sea, Caspian Sea and the White Sea. The older BRAS-3 system has also been sold to Cuba and a number of African countries. I don't know how many stations still exist.

Several Baltic Sea chains were heard by a number of dxers, mainly from Europe. The question is: what triggered the activity around the 20th of June? The stations have probably been activated for a reason because they have not been heard for quite some time. At the time of writing (24-6) I still can hear two of the stations.

Here is some background info about the systems.

System: BRAS-3
Operational since 1968
Frequency range: 1650-2120 kHz

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Stations per chain: 1 master and 1 or 2 slaves
Number of stations: 198 *)
Range: 200 km
Accuracy: 12-60 m

System: RS-10
Operational since 1984
Frequency range: 1650-2120 kHz
Stations per chain: 1 master and 2 or more slaves
Number of stations: 47 *)
Range: 250 km
Accuracy: 4-12 m
Partly replaced BRAS-3 but uses the same equipment.

*) official number in 1992. The number of active stations is decreasing.

The signals of both systems consist of series of dots. The following patterns are being used:

- 1 dot
- 2 dots
- 3 dots
- combinations of the above

The stations that we have copied in June were using the following freqs:

1675.0 kHz: 3-dots = chain 12
1684.6 kHz: 3-dots = chain 17
1710.9 kHz: 3-dots = chain 17
1722 kHz: 1-dot = chain ??
1770.6 kHz: 1-dot = chain 15
1785.8 kHz: 3-dots = chain 15
1812.1 kHz: 3-dots = chain 15
1820 kHz: 2-dots = chain ??
2105.7 kHz: 3-dots = chain 17

The chains that were most frequently heard in the past are 12, 15 and 17. The approximate chain 12 frequencies are: 1675, 1701, 1765, 1780, 1806 and 2094 kHz. Frequencies 1770.6, 1785.8 and 1812.1 kHz belong to chain 15 while 1684.6, 1710.9 and 2105.7 kHz are chain 17 frequencies.

Every potential chain uses 6 frequencies. While monitoring a particular frequency for some time, 3 to 5 stations of the chain fade in and out. It is difficult to select the "center carrier" out of a number of products placed symmetrically around the real pulse. In case of several chains - as on Sunday eve (20-6) - the signals overlap. The weird thing about these systems is that each chain may change frequencies and pop up on frequencies where you would not expect them.

Reports are very welcome. I am very curious if the chains outside the Baltic area still exist.

Talking about hyperbolic radio navigation stations..... I really should mention Jerry Proc's website which covers the history of the DECCA Navigator System. Very informative!

<http://webhome.idirect.com/~jproc/hyperbolic/index.html>

Well that wraps it up for now. But before I leave you I would like to thank my old friend Väinö who provided the BRAS-3/RS-10 background info.

-0-0-0-0-0-0-0-0-0-0-

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WUN LOGS COLUMN

=====

June 2004

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00018.1 RDL: Russian Military VLF Site Krasnodar 1758 36-50/50/65
Routine T600 Messages. (09Jun04) (RGA)

00018.1 RDL: Russian VLF Site Tashkent UZB 1438 36-50/50/65
Routine T600 message. (03Jun04) (RGA)

00077.5 DCF77: Timesignal Braunschweig 0955 TS, no ID
(02 Jun 04)(HPT)

00518 ZSJ: SAN Hydrosan 1230 NAVTEX. (07/Jun/04) (RH2)

00614 OM: NDB Platform Gorm, N Sea 1720 AM 400 Hz
(23May04) (KB)

02041.2 LOR: AN Pto. Belgrano 0249 RTTY 75/170 News
(14/05/04) (AJP)

02042.5 Unid: Arg. Ny 0010 RTTY 75/170 wx and navwarnings in SS
(28/05/04) (AJP)

02130.0 UKR Railroad Net: selcal, USB 1938 verna, 49th,
Mekhanik, Kiev-Moskovskiy, 76th, mashinist of electric
train 671 and 651, many morec/s (11May04)(SMK)

02250 OWF: RDAF Skrydstrup 1956 ALE/USB Calls OWD/FSN
Vaerloese. Then calls OWI/RDAF Aalborg. (04Jun04) (RGA)

02273.5 : Prob Luftwaffe System 2038 ARQ-E/85.7/165 Idling Betas
& RQs. (10Jun04) (RGA)

02448.0 WARMIA: pol mil (air def) 1929 USB "Uwaga Tu Warmia",
same tx as on 2705.0 (22-04-2004)(MSM)

02487.5 Unid: AN 0312 RTTY 75/170 Unid stn sending 5LG
(14/05/04) (AJP)

02531 OWF: RDAF Skrydstrup 2232 ALE/USB Calls OWE/RDAF Karup
who responds. Followed by the usual modem activity.
(22May04) (RGA)

02608.4 FUE: FN Toulon 2043 RTTY/75/850 Idler tests.
(10Jun04) (RGA)

02618.5 GYA: RN FWO Northwood UK 2104 FAX/120/576 Good surface
analysis chart.(10Jun04) (RGA)

02663.0 IPC: CROTON 1954 USB ital wx forecast Apr29 04 ML

02680.0 4XZ: Haifa Radio CW 1949 marker (11May04)(SMK)

02704.0 Hawana: POL MIL 1848 USB msg UWAGA! UWAGA! TU HAWANA
HAWANA, maybe some excersise?, Danny reports that Hawana
is a Fighter Squadron in Poznan/Powidz region - no
confirmation. (22-04-2004)(MSM)

02705.0 Warmia: POL MIL 1847 USB msg UWAGA! UWAGA! Tu
Warmia, Angora Tecza Izera Fała 8307, hmm seems like they
switched qrgs, Danny SQ5RPT reports that they TX from
Malbork (air def)-no confirmation(22-04-2004)(MSM)

02716.0 TAC: Chilean Ny 0225 ALE/LSB clg COS (22/05/04) (AJP)

02720.0 SPS: WITOWO 1936 USB y1 ee wx forecast Apr28 04 ML

02761.0 OSU: OSTENDE 1854 USB dutch navig warnings "wreck
tricolor..."Mai1304 ML

02789 FUE: FN Brest 2046 RTTY/75/850 All de FUE tests.
(10Jun04) (RGA)

02941 St. Petersburg VOLMET 2310 USB flight wx in Russian
10/Jun/2004 (TR)

03019 UNID 2350 USB MWARA NCA-1, voice tfc by male ops in
Russian with frequent mention of 'Vologda', not sure
though whether or not this was aero tfc

2/Jun/2004 (TR)
 03019 UNID 2350 USB MWARA NCA-1, voice tfc by male ops in Russian with frequent mention of 'Vologda', not sure though whether or not this was aero tfc 2/Jun/2004 (TR)
 03175.5 LOR: AN Puerto Belgrano 0615 RTTY/75/170 Navwngs/SS. (08/Jun/04) (RH2)
 03178 LOR: AN Puerto Belgrano 0503 RTTY/75/170 5LG (04/Jun/04) (RH2)
 03206 DH4296: Patrol vessel 0015 USB wkg DHL61 posn msg (23May04) (KB)
 03206 DHL61: wilhelmshaven ship police 0725 USB wkg DH4290. Routine msg (23May04) (KB)
 03275 JP54: Algerian MOI 2104 ALE/USB calls HN42. (04Jun04) (RGA)
 03310.0 UTT: ODESSA 1853 USB ukran d/x Mai13 04 ML
 03407 Aktyubinsk VOLMET 2335 USB flight wx in Russian 2/Jun/2004 (TR)
 03407 Aktyubinsk VOLMET 2335 USB flight wx in Russian 2/Jun/2004 (TR)
 03485 Gander VOLMET 2320 USB flight wx for Canadian airports, //6604 10/Jun/2004 (TR)
 03485.0 NY: New York Volmet 2339 USB/voice 5/2 QRN (28/29 04 04)(MSM)
 03540 3XG: Prob Algerian MOI 2123 ALE/USB calls 7RJ. (21May04) (RGA)
 03593.3 DLVC: ZB RUEGEN 1751 Sitor-ARQ/100bd Position Info for DQZ28 Neustadt Kuewaz Ostsee (03/Jun/04)(KK)
 03593.3 DLVI: ZB PRIWALL 1738 Sitor-ARQ/100bd Position Info for DQZ28 Neustadt Kuewaz Ostsee (03/Jun/04)(KK)
 03698.0 IGAE: 1310 CW / beacon, transmits every 10-20 and 40-50 minutes each hour (31/May/2004) (tundra monitor)
 03729.0 WNL1: unid prob US? 0023 USB ALE clg WNBL many connects "L1^ 236 L^027_4020228034AUTOKVIX+9ULE" (02/Jun/04) (KK)
 03811.0 TE6S: CW 2035 wkg/OQLD sending msg zcm 195, 2053 wkg/ITAO, same msg(11May04)(SMK)
 03845.0 4PPW: 1325 CW / called: XYHV; net chatter, traffic (31/May/2004) (tundra monitor)
 04014 ZSJ: SAN silvermine 1715 RTTY/75/170 Navwngs & Wx. (09/Jun/04) (RH2)
 04075.9 unid: presumed CIS station 18:27 F1B/150/500 encrypted traffic (21 MayPPA)
 04100 : Russian Military 1945 RUS-75/75/160 Cipher. (09Jun04) (RGA)
 04146.0 nocall: POL MM 1944 USB 2 polish sailors in qso, seems to be their day time/nigh time QRG (24-04-2004)(MSM)
 04214 IDR/IGJ: Rome/Augusta Naval Radio 1948 RTTY/75/850 All channels free marker and Legenda details. (09Jun04) (RGA)
 04216.5 JNA: JMSA Japon 0945 SITOR Two chirps SITOR and 14 pips -900hz offset (Japanese Maritime Safety Agency) (16/05/04) (AJP)
 04270 PWX: BN Rio 0230 RTTY/75/850 wx/PP. (18/May/044) (RH2)
 04271 CFH: CF HalifAX/2355 RTTY/75/850 wx. (07/Jun/04) (RH2)
 04277.5 Unid: Unid 1516 Mode?/100/570 Pactor Mail sounds like. Very loud at S9+. This freq not logged before & not listed - odd shift? (18/May/04) (RH2)
 04290.5 IAR: Rome R. 1950 FEC Navwngs/SS. (08/Jun/04) (RH2)
 04295 FUE: FN Brest 1956 RTTY/75/850 Tests to All de FUE. (09Jun04) (RGA)
 04315.7 NMG: USCG New Orleans 0625 FAX/120/576 sfc Anal poor //8501.7 (08/Jun/04) (RH2)
 04319.9 : Moscow Meteo 1650 FAX/120/576 surface analysis 15z. Formerly on 4317.9 (23May04) (KB)
 04324.5 Unid: 2010 RTTY/50/817 Crypto (08/Jun/04) (RH2)
 04333.5 RFVIE: FN Le Port 2014 RTTY/75/850 RY/ID Testing de Fux . (08/Jun/04) (RH2)
 04387.0 Unid: Argentina Radio coastal stn 0017 USB SS Family pp. QSX 4095 Mar ch 411 several F/V calling (13/05/04) (AJP)

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04426.0 OXZ: LYNGBY 1838 USB dan phone d/x Mai13 04 ML
04440 : Enigma M51 2000 CW NR 58J 09 22:00:15 2004 = CGIFK
TNMCM ... //4885.5 (09Jun04) (RGA)

04467 WDMO: Russian Military 2055 CW Routine comms check with
SHTA OK1J HQLA AONB OLBK 4N9L PAHG 6KQT who respond on
QSX frequency 5874 kHz. (11Jun04) (RGA)

04505 JP33: Algerian MOI 2235 ALE/USB Calls HN42.
(22May04) (RGA)

04505 JP46: Algerian MOI 2101 ALE/USB Calls HN42. HN42 calls
JP55. (04Jun04) (RGA)

04521.7 L2C: PNA Buenos Aires 0240 FEC Navwngs/SS.
(18/May/043) (RH2)

04526 KB02: Algerian MOI 2141 ALE/USB Calls KB01.
(12Jun04) (RGA)

04560 TAH: Istanbul Radio TUR 2004 FEC Area weather forecast in
EE. (09Jun04) (RGA)

04604.0 Red Robin 8: (Civil Air Patrol (CAP), Michigan): 0108
USB w/Red Robin=20194 acting as relay for net check-ins
for Great Lakes Region Directed Net. Check-ins included:
Red Robin 250; Red Fire 24 Mobile CAP, Indiana); white
Peak=3201 (CAP, New York); white Peak 3525. 05/25 RP3

04610 GYA: RN Northwood 0040 FAX/120/576 Good chart.
(08/Jun/04) (RH2)

04645 Tallin VOLMET 2300 USB flight wx in English and often
repeated ID 'This is Tallin Airport' 10/Jun/2004 (TR)

04648 CIO: Enigma E10 0125 USB E10 is calling CIO K12P8. This
is the first string message that I've heard from E10. I
can hear it in the US also; I'd say it's weak/readable.
Also on 6912. (23May04) (CA)

04663 Tashkent VOLMET 2312 USB flight wx in English
10/Jun/2004 (TR)

04721 HAW: USAF Ascension 2124 ALE/USB Calls CRO/RAF Croughton
who responds. (21May04) (RGA)

04721 JDG: US NAS Diego Garcia BIOT 2124 ALE/USB Sounding.
(21May04) (RGA)

04742.0 RAF: 2021 USB unid flight req wx for EGQL/leuchars
EGPK/ prestwick Apr28 04 ML

04790.0 KYAASF: (Kentucky Army Aviation Support Facility,
Frankfort KY): 0313 USB/ALE sounding. 30/04 RP3

04810.0 Russian Military: 2250 81-81 81.1/200 encrypted.
(30-May-04) (JUM)

04841 OWE: RDAF FTK Karup 2014 ALE/USB Calls OWI/RDAF Aalborg.
(04Jun04) (RGA)

04841 OWK: RDAF HQ Vedbaek 2048 ALE/USB Calls OWD/FSN Vaerloese
on 4841 and 2531. (04Jun04) (RGA)

04876.5 AFD1MC: AF Mars 2330 P-I/HamMod wkg AFA1XT, online too:
AFD3MC, AFA1AS, AFA1PZ, AFA1PF, AF1HN (14/May/04) (KK)

04880 UNID 2240 AM ULX 2, no message 10/May/2004 (TR)

04933.0 UNID: CW 2044-2314 5LG long msgs (13May04)(SMK)

04955.5 F236AA: 236th MedCo 2320 USB ALE snd (01/Jun/04) (KK)

04993.5 SOPHOCLEB R&S Station B 0523 USB ALE/MIL-188-141A c1g
NOMADE8 R&S Stat. 2400bd/Bpsk tx (24/May/04)(KK)

05035 3W6: Algerian MOI 1900 ALE/USB Calls JP4. JP52 calls
JP40. JZ1 calls JP60. (09Jun04) (RGA)

05035 JP5: Algerian MOI 2114 ALE/USB Calls HN42. HN42 calls
YA40; JP54 and JP55 call HN42. very active net.
(04Jun04) (RGA)

05038.5 673DVA: probable Department of Veterans Affairs: 1913 USB
ALE. Also using 12076.0 & possibly 14350.0 USB ALE
(04/JUNE/04) (JLM)

05038.5 673DVA: probable Department of Veterans Affairs: 1913 USB
ALE. Also using 12076.0 & possibly 14350.0 USB ALE
(04/JUNE/04) (JLM) INTEL? 1009 cw, "951" only, 1010 off
(02 Jun 04)(HPT)

05075.0 Electo: Arg. Ny 2055 USB SS Msj to "Alero"
(22/05/04) (AJP)

05090 UNID 2233 AM call up JSR message group 93 text:
...azaxf xzyfn ylrhq daqar wfowv... 10/May/2004 (TR)

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05097.0 CFH: CF 0013 RTTY 75/850 Naws de CFH (25/05/04) (AJP)
05101 TF185: 185 Avn Co US Army/NGB Deployed Iraq 2147 ALE/USB
Sounds. (21May04) (RGA)
05120 OWK: RDAF Vedbaek 2150 ALE/USB Calls OWD/FSN vaerloese.
(21May04) (RGA)
05132 1040: Turkish Red Crescent 2320 ALE/USB Sounding.
(22May04) (RGA)
05135.5 : Russian Military 2017 MS-5/4800/USB Setup tones. No
cipher. (09Jun04) (RGA)
05140.0 5556: Moroccan Army Net? 1610 ALE/USB. (02 May 04) (MR)
05152.0 UNID: USB 2007-2010 private QSO in Italian, 2 male ("Ti
amo...")(13May04)(SMK)
05159.0 4XZ: CW 2003 (13May04)(SMK)
05195 DRA5 1130 CW propagation beacon DRA5 with: "vvv de
dra5 test transmission de dra5 bt info 19 jun 09 utc kiel
k 2 2 forecasts 19 jun sunact eruptive bt 19 jun r 118
118 flux 108 108 boulder a 12 12 bt 18 jun kiel a 12 12
ar" 19/Jun/2004 (TR)
05195 DRA5: DARC Multi-Beacon 2146 CW Propagation forecasts.
(12Jun04) (RGA)
05206.5 : Unid 2104 UNID/100/120 ACF=0. Enciphered.
(09Jun04) (RGA)
05212.2 PWZ-33: BN Rio 2216 SITOR Msg to PWZ-66 ?
(12/05/04) (AJP)
05224.0 CIS mil: net CW 1010 msg with mixed digits & letters,
JAOI, QYT1, 1030JAOI calling mr7c (14May04)(SMK)
05255.0 103: 240,248,251 unknown-net USB ALE/MIL-188-141A
29apr04 (MR)
05315 SAB: Globe Göteborg SWE 2108 GLOBEDATA Idling.
(09Jun04) (RGA)
05323.5 prob: french Gendarmerie Nationale 1715 USB/Thales-ALE
french Voices (05/Jun/04) (KK)
05323.5 unid: French Ops 1633 USB/Thales-ALE (02/Jun/04) (KK)
05340.0 ZSA3: CW 1101 technical check: "xxx xxx lrhr de zsa3
tehnicheskayaproverka k" (14May04)(SMK)
05395.0 CIS Airport Net: Elektrichka (Donetsk) USB 1840
wkg/Shpora(Rostov-na-Donu) (09may04) (SMK)
05400 MALI: Albanian MOI Maliqi 1859 ALE/USB Calls DRINI/MOI
Drini who responds. (09Jun04) (RGA)
05401 AEM1WF: Unid MARS Stn 2154 PACTOR1/200/200 Mentions
Exercise "Grecian Firebolt 04" and passes traffic
apparently destined for Germany and Iraq. (12Jun04) (RGA)
05401.0 6BHS: CW 0857 calling GR3Y "gr3y de 6bhs k rpt k", same
stn with different call signs: .bho, a8sn, zpnk calling
gr3y. (09May04)(SMK)
05403 HOTEL FOXTROT: 0116 USB DELTA, ROMEO other SLCs in
apparent 2nd battlegroup FOXTROT net. SF was group on
9215. (07Jun04) (RB)
05410 OHT30P: Algerian Sonatrach Net Ohanet Pumping Station
2120 ALE/LSB Sounds. (04Jun04) (RGA)
05410 RNOUSLR1: Algerian Sonatrach Net Rhourde Nouss LR1
Pipeline 2318 ALE/USB Sounds. (22May04) (RGA)
05415.5 prob: french Gendarmerie Nationale 1730 USB/Thales-ALE
french Voices (05/Jun/04) (KK)
05415.5 unid: French Ops 1610 USB/Thales-ALE (02/Jun/04) (KK)
05435.0 ART: 1933 E10 (13May04)(SMK)
05450.0 RAF Volmet: USB 1932 wx (13May04)(SMK)
05470 Dahra Aero (presumed) 2135 USB RDARA Libya, voice tfc
in French by two male ops, the weaker one presumed in an
aircraft as the other asked for his selcal repeatedly,
the first initiated each of his transmissions with
'Dahra...' 4/Jun/2004 (TR)
05477 5558: N.African Net 1905 ALE/USB Calls 1111.
(09Jun04) (RGA)
05490 : Unid 2110 LSB Casual simplex conversation in Spanish.
Prob illegal. (09Jun04) (RGA)
05525.0 UNID: 2210 USB two OM in Spanish, sounds rather like
smalltalk, no IDs or callsigns given, fishermen maybe???

- 28/May/2004 (TR)
- 05532 Czech Airlines 0305 USB LDOC Czech Airlines (presumed), Praha Radio, voice tfc of OM in Czech with some data like flight level and ETA at destination in English with unheard aircraft 30/May/2004 (TR)
- 05532 UNID 2110 USB voice tfc in Russian by male op, co/stn unheard here, definitively NOT Czech Airlines LDOC 19/Jun/2004 (TR)
- 05535 LONDON: British Airways London 2207 USB Wkg 'Tango Juliet' who has problems with a cockpit display screen. (12Jun04) (RGA)
- 05541.0 Stockholm Radio: 2214 USB LDOC, voice tfc in Swedish and English 28/May/2004 (TR)
- 05544 Jeddah 2323 USB LDOC SAUDIA, male op with french accent talks in English to unid aircraft about some spare part and will check availability 2/Jun/2004 (TR)
- 05544 Jeddah 2323 USB LDOC SAUDIA, male op with french accent talks in English to unid aircraft about some spare part and will check availability 2/Jun/2004 (TR)
- 05565 ATLANTICO 0312 USB Recife Aero with tfc in Portuguese and English, selcal check with various aircraft 30/May/2004 (TR)
- 05598 Santa Maria Aero 2150 USB MWARA NAT-A, working various aircraft for selcal check, Reach 210 for radio check, Cabo(?) Verde 690 with flight path and level 25/May/2004 (TR)
- 05601 Mumbai Aero 2330 USB RDARA INDIA-W, working various barely heard aircraft with selcal checks 2/Jun/2004 (TR)
- 05601.0 Mumbai Aero: 2232 USB RDARA India W, voice tfc in English with some flight level advise to some aircraft , one other rather weak stn on QRG, possibly Nagpur Aero 28/May/2004 (TR)
- 05616 B-18677 0952 USB MWARA NAT-B, China Airlines B-18677, selcal LSGJ working Shanwick with selcal check and posn, wx and fuel status 8/Jun/2004 (TR)
- 05616 Biz Jet N85M 2150 USB MWARA NAT-B, N85M, selcal CGJP, working Shanwick for selcal check, calls again at 2211 with posn and fuel status, Shanwick advises to call Gander at 30W 7/Jun/2004 (TR)
- 05616 C-FYJD 0958 USB MWARA NAT-B, Air Canada C-FYJD, selcal PRFS, working Shanwick for selcal check and flight level request 8/Jun/2004 (TR)
- 05616 Canadian Airlines 859 2153 USB MWARA NAT-B, C-FOCA, selcal CQAM working Shanwick for selcal check 7/Jun/2004 (TR)
- 05616 FedEx 50 N615FE 2149 USB MWARA NAT-B, N615FE, selcal KMAS, working Gander for selcal check 7/Jun/2004 (TR)
- 05616 FedEx 7 N605FE 2208 USB MWARA NAT-B, N605FE, selcal GPFL, working Gander with posn and fuel status, then selcal check 7/Jun/2004 (TR)
- 05616 Gander Aero 2210 USB MWARA NAT-B, working various aircraft with selcal check 25/May/2004 (TR)
- 05616 Lufthansa D-AIGF 2145 USB MWARA NAT-B, D-AIGF, selcal LMHS, working Shanwick for selcal check 7/Jun/2004 (TR)
- 05616 N139SW 2202 USB MWARA NAT-B, N139SW, working Shanwick with posn and fuel status, selcal DFEG 7/Jun/2004 (TR)
- 05616 N16732 0928 USB MWARA NAT-B, Continental Airlines N16732, selcal MSKL, working Shanwick for selcal check 8/Jun/2004 (TR)
- 05616 N48HB 2201 USB MWARA NAT-B, BizJet N48HB, selcal ESHP, works Shanwick for selcal check and wx at destination, Shanwick requests ETA 14/Jun/2004 (TR)
- 05616 N607FE 2153 USB MWARA NAT-B, FedEx5031 N607FE, selcal GPFM, working Gander for selcal check and posn, wx and fuel status 14/Jun/2004 (TR)
- 05616 N647UA 1002 USB MWARA NAT-B, United Airlines N647UA, selcal AGER, working Shanwick for selcal check

8/Jun/2004 (TR)

05616 N757AF 0946 USB MWARA NAT-B, Biz Jet N757AF, selcal LRGs, working Shanwick for selcal check 8/Jun/2004 (TR)

05616 N78004 1004 USB MWARA NAT-B, Continental Airlines N78004, selcal DRMS, working Shanwick for selcal check and wx rppt 8/Jun/2004 (TR)

05616 Shanwick Aero 2210 USB MWARA NAT-B, working various aircraft with selcal check, FedEx 7 with flight path and radio check 25/May/2004 (TR)

05616 Triumph 8863 2215 USB MWARA NAT-B, Triumph 8863 working Gander with posn, wx, wind speed and temp and fuel status, ETA Boston 0045 7/Jun/2004 (TR)

05616 United Parcel Service N301UP 2143 USB MWARA NAT-B, N301UP, selcal BPAQ, working Shanwick for selcal check and flight level change 7/Jun/2004 (TR)

05616 YR-LCA 1000 USB MWARA NAT-B, Tarom-Romania Air YR-LCA, selcal BJLS, working Shanwick for selcal check and giving posn, wx and fuel status 8/Jun/2004 (TR)

05616.0 Gander Radio: 2225 Utc usb nat mwara working various aircraft with selcall check 1/june/04 (DP)

05649 Air France 6458 2208 USB MWARA NAT-C, Air France 6458 asking flightlevel change from Gander 4/Jun/2004 (TR)

05649 CC-CZY 0010 USB MWARA NAT-C, LAN Chile CC-CZY, selcal GLDE, working Gander with selcal check and request for flightlevel change, Gander will reply later 6/Jun/2004 (TR)

05649 D-AIGP 2357 USB MWARA NAT-C, Lufthansa 423 D-AIGP, selcal MSAL, working Shanwick for selcal check 5/Jun/2004 (TR)

05649 D-AIMG 2351 USB MWARA NAT-C, Lufthansa 445 D-AIMG, selcal QRJL, working Gander for selcal check 5/Jun/2004 (TR)

05649 EL AL 861 0001 USB MWARA NAT-C, EL AL 861, selcal EKBG, working Shanwick for selcal check 6/Jun/2004 (TR)

05649 G-BYGE 2200 USB MWARA NAT-C, British Airways G-BYGE, selcal DGFP, working Shanwick with flightlevel request and selcal check 4/Jun/2004 (TR)

05649 G-MONX 2202 USB MWARA NAT-C, Monarch 559 G-MONX, selcal DRAB, working Shanwick with wx enquiry for London/Stanstead airport 4/Jun/2004 (TR)

05649 G-YMMG 2211 USB MWARA NAT-C, British Airways G-YMMG, selcal BPHL, calling Shanwick and asking Santa Maria VHF frequencies 4/Jun/2004 (TR)

05649 HL7721 2137 USB MWARA NAT-C, Korean Airlines HL7721, selcal BHKL, working Gander with posn, wx, fuel status and selcal check 14/Jun/2004 (TR)

05649 JA8500 0014 USB MWARA NAT-C, Air Nippon JA8500, selcal HPAL, working Gander for selcal check and giving position, wx and fuel status 6/Jun/2004 (TR)

05649 Jordanian 561 0022 USB MWARA NAT-C, Jordanian 561, selcal CRBQ, working Gander with selcal check 6/Jun/2004 (TR)

05649 Kevlavik Aero 2221 USB MWARA NAT-C, giving flight path and back up frequency to unheard aircraft 25/May/2004 (TR)

05649 LN-RKG 2135 USB MWARA NAT-C, SAS LN-RKG, selcal GMAP, calls Shanwick for flightlevel query and does selcal check, Shanwick advises to call Gander when passing 30W 14/Jun/2004 (TR)

05649 N70504 2130 USB MWARA NAT-C, American Airlines N70504, selcal FMAP, working Gander for selcal check and flightlevel request, Gander informs later that only F330 is available, a/c confirms and changes accordingly 14/Jun/2004 (TR)

05649 SE-DIH 2146 USB MWARA NAT-C, Scandinavian A/L SE-DIH, selcal BLEP, working Shanwick for selcal check 9/Jun/2004 (TR)

05649 Speedbird 1247 2216 USB MWARA NAT-C, Speedbird 1247

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calls Shanwick for flightpath confirmation, Shanwick confirms and asks to maintain selcal watch on 5598 and then call Santa Maria on same frequency 4/Jun/2004 (TR)

05649 TC-AFM 2145 USB MWARA NAT-C, Pegasus TC-AFM, selcal BPER, working Shanwick for selcal check 9/Jun/2004 (TR)

05649 TF-FIB 2142 USB MWARA NAT-C, Icelandair TF-FIB, selcal FPDJ, working Shanwick with posn, wx, fuel status and selcal check 9/Jun/2004 (TR)

05658 C-FYLG 2328 USB MWARA MID-2, Air Canada C-FYLG, selcal PRHQ, working Delhi Aero with selcal check 5/Jun/2004 (TR)

05658 Kabul Radio 2057 USB MWARA MID-2, working Philippine Airlines F-OHPJ, selcal LSEM, for radio and selcal check and advising on wind speeds 3/Jun/2004 (TR)

05658 Lahore Aero 2220 USB MWARA MID-2, Lahore Aero working various aircraft with posn and wx rprts, very busy indeed 9/Jun/2004 (TR)

05658 N615AM 2331 USB MWARA MID-2, American Airlines N615AM, selcal KMPQ, works Delhi Aero for selcal check 5/Jun/2004 (TR)

05658 Thai 923 2215 USB MWARA MID-2, Thai 923 repeatedly calling Kabul Radio with no reply, finally manages to raise them and gives posn, wx and fuel status 9/Jun/2004 (TR)

05670.0 Colombo Radio: 2155 Utc usb sea mwara working various aircraft 1/june/04 (DP)

05680 UNID 0245 USB voice tfc in French with some Arab-sounding words thrown in, three OM, no IDs or call signs given, possibly North African 30/May/2004 (TR)

05696 Borinquen Air: USCG Air Stn Borinquen Aguadilla PR 0113 USB clg the 2139. (25 May04) (RB)

05696 Oceania Radio: 0330 USB wkg CG 2117. (Date????) (RB)

05702 ARCHITECT 0255 USB flight wx 30/May/2004 (TR)

05720 A7-ACD: Qatar Airways A330 Flt QR0008 2121 HFDL Reports 5128N 00029W to ARINC Reykjavik. Flight number also showing as QR0007. (11Jun04) (RGA)

05737 : Unid Illicit 2114 CW 5FG. Each group repeated. Ends = = 56 56 32 32 000 (09Jun04) (RGA)

05748.6 KWB48: unid US Dep. of State Station 1339 USB ALE/MIL-188-141A clg KWX99 Test/Radiocheck (18/May/04) (KK)

05748.6 KWB48: unid US Dep. of State Station 1407 USB ALE/MIL-188-141A clg KWW25 Test/Radiocheck (18/May/04) (KK)

05748.6 KWT93: unid US Dep. of State Station 1356 USB ALE/MIL-188-141A clg KWX99 Test/Radiocheck (18/May/04) (KK)

05748.6 KWX99: unid US Dep. of State Station 1410 USB ALE/MIL-188-141A clg KWQ36 Test/Radiocheck (18/May/04) (KK)

05773 : Unid 2121 RTTY/50/450 7.5-bit telecipher. (09Jun04) (RGA)

05788 68: Danish Military 1946 ALE/USB Calls collective DK11. (09Jun04) (RGA)

05803.9 1207: Unid 1610 ALE/USB to 1203. Also c/s: 1215, 1226, 1233, 1209, 1227, 1224, 1234. (02 May 04) (MR)

05809.0 T22227: US Army USB ALE/MIL-188-141A 20apr04 (MR)

05858.0 CIS mil: CW 0958 RAWO wkg/5EMH (12May04)(SMK)

05875.0 EAATS: (Eastern Army Aviation Training Center, Muir AAF Ft Indiantown Gap PA): 1436 USB/ALE sounding. 27/04 RP3

05889.0 1TCZ: UKR mil CW 1206 calling n9nd, 1207 =t 3981 14 1445 t39k(14May04)(SMK)

05948.0 UNID: CW 1210 digits mixed with letters, often "2ttt9....."(14May04)(SMK)

05971 ORION 50: clg JAGUAR 1522 USB No joy.

(06Jun04) (RB)
06310.0 CIS mil: CW 1023 AFSI calling TWAX (12May04)(SMK)
06320.0 UFZ: Vladivostok R 1020 SITOR List for traffic
(16/05/04) (AJP)
06331.5 IDRx: Italian Navy Roma, I 1907 USB/STANAG 4285
2400Bd PSK, channel availability tfc. using 600 bps/long
interleaving (14May04) (LDO)
06348 FUE: FN Brest 2136 RTTY/150/850 All de FUE
marker. (09Jun04) (RGA)
06363.5 UVA4: CW, USB 1035 UVA4: "cq cq de uva4 qsa? k
1057 USB: wkg/UUK2 2 radiogramms: 90 30 1205 1300 90
cyrillic 5LG group; 91 30 1305 1300 91/5 5FG group. 1104
wkg/UUK2, confirm radiogramms, watch till 1700 on 6363.5
AT, 1104 wkg/USD4, same info, 1105 wkg/UVA2, same +
reception of info fm UVA2 on unknown freq., 1112 rpt
radio gramm 25 group 22, confirm nr.25/30 and
26/30.(12May04)(SMK)
06370.0 KPA2: 1818 E10 (13May04)(SMK)
06379.0 4XZ: CW 1815 (13May04)(SMK)
06386.5 USO5: Izmail CW 0800 tfc list freq. 4277/4182.5 6386.5/6277
8586/8366.5 12965/12550.5 (24May04) (SMK)
06432.0 USI: Kherson 1403 CW notice No.6277.7/8366.6
shrsm Usachenko(02May04)(SMK)
06446.0 Unid: 1033 The slot Machine (16/05/04) (AJP)
06470.0 UWS3: Kiev Radio CW 1200 number of msgs, traffic
lists, wx etc.(12May04)(SMK)
06496.5 CFH: CF HalifAX/0610 FAX/120/576 sfc Anal Fair.
(03/Jun/04) (RH2)
06498.0 E10: (did not hear ID) 1806 msg 219:
(13May04)(SMK)
06522.0 Arkhangel'sk: USB 0900 change to 8713 khz
(13May04)(SMK)
06522.0 Kiev-Radio: USB 0858 dispatcher's comms
w/Slavutich-9, Slavutich-17,Slavutich-18, 0908 wkg/Reni
(13May04)(SMK)
06522.0 mv. Reni: USB 0856 calling Kiev-6 (13may04)(SMK)
06586.0 ATC NAT: ny 0517 USB work alg640 Mai15 04 ML
06595 UNID 2300 USB voice tfc by one male and two
female ops in Spanish, repeated mention of 'Santiago'
2/Jun/2004 (TR)
06600 0200: Italian Police 2213 ALE/USB Sounding.
(21May04) (RGA)
06604 Gander Radio 0320 USB VOLMET NAT, Gander with
flight wx for mostly Canadian airports, //10051 khz
30/May/2004 (TR)
06622.0 ATC NAT GANDER: 0524 USB work GJEQ / BAW B777 &
AF flight to ELAF? Mai01 04 ML
06628.0 ATC NAT-E: 0635 USB work IB6740 / A340 bogota
madrid Mai20 04 ML
06628.0 ATC NAT-E: 0635 USB work IB6740 / bogota -madrid
Mai20 04 ML
06654.5 HORSE0: unid spanish 2106 USB ALE/MIL-188-141A
c1g PAROT conf. by spanish Voices (14/May/04) (KK)
06670 UNID 0329 USB RDARA Russia-Siberia, various
aircraft calling what sounded like Yeniseysk Radio (but
not sure) in Russian, one selcal heard and several
mentions of 'QNH' 30/May/2004 (TR)
06676.0 Bangkok Volmet: 2142 Utc USB Volmet wx
26/may/04 (DP)
06679.0 Tokyo VOLMET: 2342 USB aviation wx.
(30-May-04) (JUM)
06685 UNID 0340 USB voice tfc in Portuguese by three
OM 30/May/2004 (TR)
06690.1 1PBRO21D0110: Macedonian 1st infantry Brigade,
MKD 0837 USB/MIL-STD 188-141A/secure voice via MIL-STD
188-110A serial waveform to GS021D0110 (01Jun04) (LDO)
06690.1 GS021D0110: Macedonian Army General staff, MKD
0837 USB/MIL-STD 188-141A/secure voice via MIL-STD

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- 06693 188-110A serial waveform to 1PBR021D0110 (01Jun04) (LDO)
Yekaterinburg VOLMET 2305 USB flight wx in
Russian, //8888 kHz 10/Jun/2004 (TR)
- 06697 ALUMINUM: 22-char EAM 0227 USB 4UHL2T simulcast
on at least 8992 and 11244 with nothing heard on 13155.
The same freqs were active with same at 0237z. H+07/h+37
activity. (11 Jun 04) (JH)
- 06697 CALM DAY: 28-char EAM 1738 USB 4UUH2B simulcast
8992 and 11244 with nothing heard on 13155. (18 Jun 04) (JH)
- 06697 DART BOARD(?): 28-char EAM 1725 USB ZVEALR
simulcast on at least 8992 and 11244 with nothing heard
on 13155. H+25/h+55 activity. (23 May 04) (JH)
- 06697 VAGRANT: 369 Message 1758 USB (6UK YZE 6PX SMC)
(x2). His first reading of the groups maybe dropped the
"6". Also active at much weaker levels with same at
1727z. (08 Jun 04) (JH)
- 06697 VAGRANCY: 28-char EAM 1757 USB 4U6ZQ3 simulcast
8992, 11244 and 13155. H+25/h+55 activity, but using
h+27/h+57. (08 Jun 04) (JH)
- 06700.0 26690: US-Army Helo 1820 USB ALE/MIL-188-141A clg
T2Z501 2-501 US-Army/Iraq? (05/Jun/04) (KK)
- 06700.0 T82AA: 82nd MedCo 2328 USB ALE snd
(01/Jun/04) (KK)
- 06712 A7-ACE: Qatar Airways A330-203 2237 HFDL Signs on
to ARINC Reykjavik. ICAO ID 340560. (11Jun04) (RGA)
- 06712 D-ALCB: Lufthansa Cargo MD11F 2224 HFDL Signs on
to ARINC Reykjavik. Probably Flt no LH8643. (11Jun04) (RGA)
- 06712 VP-BWE: Aeroflot A320 2307 HFDL Signs on to ARINC
Reykjavik. (11Jun04) (RGA)
- 06712 VP-BWL: Unid Aeroflot Aircraft Flt SU0231 1937
HFDL At 5414N 01053E. (12Jun04) (RGA)
- 06712 ZS-SXA: S.African Airways A340-313 2250 HFDL
Signs on. ICAO ID F78D00. From traffic it appears to be
SA0206. (11Jun04) (RGA)
- 06715 ICZSPR: USAF SIPRINet Stn Sigonella ITA 1945
ALE/USB Sounding. (08Jun04) (RGA)
- 06721 HAW: USAF Ascension 2213 ALE/USB Sounds along
with PLA/Lajes and IKF/Keflavik. (21May04) (RGA)
- 06728.0 Tros-03: USB CIS mil 1550 "Landing in point 8 at
16.50, over"(13May04)(SMK)
- 06730.0 DAF537: Danish AF Aircraft 1625 USB clg
PRIMAROSE DAF Karup (02/Jun/04) (KK)
- 06730.0 Tashkent-Meteo: USB 1551 wx fr airports incl.
Dushanbe, Samarkand(13May04)(SMK)
- 06739 Keflavik 2316 USB GHFS, '5k37ou stb/by msg
follows; 5k37ouv4cetxi4vnzff4qc, I say again..., this is
Keflavik, out' 2/Jun/2004 (TR)
- 06739 Keflavik 2316 USB GHFS, '5k37ou stb/by msg
follows;5k37ouv4cetxi4vnzff4qc, I say again..., this is
Keflavik, out' 2/Jun/2004 (TR)
- 06739.0 offutt: : US GHFS Offutt 1410 usb EAM for otnxae:
56npbillvbtw6ddvweg68llhypfe weak signal 25 Apr 04 (wp3)
- 06754 Trenton VOLMET 2323 USB flight wx at breakneck
speed, mostly Canadian airports, sounded 'live' rather
than machine voice, op was trying to catch his breath
sometimes, bad 'whistle or high-pitched hum' on the
modulation, made it a real pain to listen, someone should
let them know 10/Jun/2004 (TR)
- 06777.0 unid: presumed CIS station 18:20 ISB/OQPSK/1280
bps/1k4 undecodeble(21 May PPA)
- 06805.5 prob: french Gendarmerie Nationale 1830
USB/Thales-ALE ALE every minute, without Voices
(05/Jun/04) (KK)
- 06807.1 5006: Unid 1636 ALE/USB to 5007. Also c/s: 5008,
5014, 5021. (02 May 04) (MR)
- 06820.0 2130: Unid 1451 ALE/USB. (02 May 04) (MR)

06820.0 CIS Airport Net: 1312 UNID calling "Ogurchik"
(14May04)(SMK)

06821.0 LZG8: CIS mil CW 1310 calling tdn (14May04)(SMK)

06825.0 FAV22: French army Mont-Valerien 08:47 A1A 5L
message 30apr04 (PP)

06830.0 unid: presumed CIS station 18:14 USB/OQPSK/1280
bps/1K4 undecodeble(21 May PPA)

06832.0 Russian PTT: 2313 ISB w/OQPSK 1280bps modem in
each sideband.(30-May-04) (JUM)

06841.0 Unid: Russian 2308 BAUDOT 46.6/500 5FGs.
(30-May-04) (JUM)

06843 : Russian intelligence, RUS 2025
BAUDOT/200.33Bd/500Hz, broadcasting 18 FGs to UNID
recipient, slightly overmodulated transmission
(31May04) (LDO)

06843.0 QYT1: CIS mil CW 1315 radio check w/lsno
(14May04)(SMK)

06843.0 no-call: Russian intelligence, RUS 2025 BAUDOT
200.33Bd/500Hz, broadcasting 18 FGs to UNID recipient,
slightly overmodulated transmission (31May04) (LDO)

06846 4CMR: Russian Military 2004 CW Routine comms
check with 6VFF DKJU GRAR B74U who respond on QSX
frequency 5879 kHz. (11Jun04) (RGA)

06851.5 unid: french ops 1004 USB/Thales-ALE +Voices
(03/Jun/04)(KK)

06864 : NATO Tactical Data System 2125
LINK-11/2250/USB. TADIL-A. (09Jun04) (RGA)

06870.0 OCF1: CIS mil CW 0829 wkg/TGLU (24May04)(SMK)

06873.0 RMP: Kaliningrad CW 1632-1653 Cyrillic: Baltic
sea wx forecast, nav &coastal warnings (24May04)(SMK)

06874.0 TDXN: CIS mil CW 0908 wkg/ocf1, 0913 OCF1
wkg/hr1v (24May04)(SMK)

06880.0 CIS: Aero net USB 1534 Obninsk-Approach
(24May04)(SMK)

06880.0 Schit-44: CIS mil USB 1006, 1150, 1206, 1511
, 1551 wkg/Plafon-86.(24May04)(SMK)

06880.0 UNID: probably RUS mil USB 1112 counting from 1
to 10 many times, 1208 message (24May04)(SMK)

06882.0 5R4T: CIS mil CW 1030 wkg/ty19 "ty19 de 5r4t qtc
k" (24May04)(SMK)

06888 : Russian Military 2123 MS-5/4800/DPSK/USB
Cipher. (09Jun04) (RGA)

06900 CER41: MFA Paris M.East Dept 2138 ALE/USB Calls
LECAIRE/Diplo hub Cairo who responds. (09Jun04) (RGA)

06900.0 CER11: MFA Paris, F 1426 USB ALE/MIL-188-141A 0
clg RABAT French Embassy Rabat, MRC (03/Jun/04)(KK)

06902.6 KWT93: unid US Dep. of State Station 1216 USB
ALE/MIL-188-141A clg KWX99 Test/Radiocheck
(18/May/04) (KK)

06902.6 KWX99: unid US Dep. of State Station 1208 USB
ALE/MIL-188-141A clg KWB48 eng. male + fem. Op
(18/May/04) (KK)

06902.6 KWX99: unid US Dep. of State Station 1511 USB
ALE/MIL-188-141A clg KWX92 Test/Radiocheck
(18/May/04) (KK)

06902.6 KWX99: unid US Dep. of State Station 1538 USB
ALE/MIL-188-141A clg K VX45 Test/Radiocheck
(18/May/04) (KK)

06902.6 KWX99: unid US Dep. of State Station 1551 USB
ALE/MIL-188-141A clg KWP95 Test/Radiocheck
(18/May/04) (KK)

06902.6 KWX99: unid US Dep. of State Station 1556 USB
ALE/MIL-188-141A clg KWX95 Test/Radiocheck
(18/May/04) (KK)

06902.6 KWX99: unid US Dep. of State Station 1559 USB
ALE/MIL-188-141A clg KMN94 Test/Radiocheck
(18/May/04) (KK)

06912.0 CIO2: E10 1549 ID (13May04)(SMK)

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06912.0 UNID: 2250 USB female voice repeating CIO2
continuously, off at 2252 28/May/2004 (TR)

06918.0 1223: Unid 1638 ALE/USB to 1224. Also c/s: 1367,
.... (02 May 04) (MR)

06929 4763: Czech KFOR-net, CZE/SCG 1210 Rohde &
Schwarz RS-ARQ 228.65Bd/170Hz, op chat in Czech using
8bit mode (31May04) (LDO)

06929.0 4763: Czech KFOR-net, CZE/SCG 1210 Rohde &
Schwarz RS-ARQ 228.65Bd/170Hz, op chat in Czech using
8bit mode (31May04) (LDO)

06929.0 8629+8691: Czech KFOR/net, CZE/SCG 0611 Rohde &
Schwarz RS-ARQ 228.65Bd/170Hz, op chat in Czech using
8bit mode, signing off with "Preji pekny vikend"
(14May04) (LDO)

06929.0 8629+8691: Czech KFOR/net, CZE/SCG 0611 Rohde
&Schwarz RS-ARQ 228.65Bd/170Hz, op chat in Czech using
8bit mode, signing off with "Preji pekny vikend"
(14May04) (LDO)

06930.0 SYN2: E10 1548 ID (13May04)(SMK)

06945.0 CIS Airport Net: USB 1340 Shpora (Rostov-na-Donu)
radio checksw/Seryozhka, Ubezhische, Assistent 1343 "we
don't have channels,Domodedovo - no" (14May04) (SMK)

06946.0 CEDARIIPRIDE21: Unid Military NET 1433
ALE/USB/MIL_STD-188-110A (encrypted) to NORTH21PRIDE21.
(02 May 04) (MR) (New and very interesting freq)

06969.0 Russian Military: 2338 81-81 81.1/200 encrypted.
(30-May-04)(JUM)

06969.5 unid: french Ops 0925 USB/Thales-ALE +Voices
(03/Jun/04)(KK)

06981 ALR: Algerian Sonatrach Net Algiers 2113 ALE/USB
sounding. (09Jun04) (RGA)

06981.0 950DVA: Department of Veterans Affairs, unid
location: 1921 USB ALE Confirmed frequencies:05038.5

06981.0 12076.0 (04/JUNE/04) (JLM)

06995.0 UNID: USB 1543 Arabic Net (13May04)(SMK)

06996.7 HG1P: unid CE-2004 Station 0523 Packet
300Bd/300Hz via Z94E to SY6Q mail test (18/May/04) (KK)

06996.7 SY6Q: unid CE2004 Station 0524 Packet
300Bd/300Hz via Z94E to HG1P mail test (18/May/04) (KK)

07000 2004: Carabinieri HQ Roma?, I 1745 USB/MIL-STD
188-141A/CLOVER-2000, exchanging tfc with 2005
(10Jun04) (LDO)

07000 2005: Carabinieri Peacekeeping unit Balkans 0745
USB/MIL-STD 188-141A/CLOVER-2000, short tfc. exchange
with 2004 (10Jun04) (LDO)

07000.0 MORGA20: unid polish Mil 0744 USB
ALE/MIL-188-141A c1g HELION82 (25/May/04) (KK)

07039.2 F: SLHFM Vladivostok 1049 CW "F" Marker
(16/05/04) (AJP)

07039.3 K: SLHFM Petropavlovsk 1045 CW "K" Marker
(16/05/04) (AJP)

07126.0 CIS mil: NGD9 CW 1303 radio check w/v7qz, 3oos,
6q14, q36c, c19e(12May04)(SMK)

07362.5 950DVA: Department of Veterans Affairs, unid
location: 2123 USB ALE. Net frequencies: 05038.5

06981.07362.5 12076.0 (04/JUNE/04) (JLM)

07365.0 Unid: no id 1500 CW "vvv vvv k qcz rk"
(04May04)(SMK)

07475.0 Unid: no ID RUS AF time strings CW 1313 =
991713??t????? (12May04)(SMK)

07485 BU5: Romanian MOI Bucharest 1804 ALE/USB Calls
MIR/Miercurea-Cruc. (09Jun04) (RGA)

07531 8PA: Algerian MOI 2104 ALE/USB Calls 3XG.
(10Jun04) (RGA)

07565.0 unid: maybe Russian meteo station 04:28
CIS14/96/500 encrypted tfc (21May PPA)

07570.0 unid: presumed Russian railway station 06:08
81-81/40,4/500 encryped(20 May PPA)

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- 07595.8 IEA20: Carabinieri Rome I 06:17 ITA2/50/160
encrypted traffic using Bitmask and own alphabet
30May04 (PP)
- 07602 RJ1: Brazillian Navy Rio de Janeiro 2248 ALE/USB
Calls BR1/Brazillian Navy HQ Brasillia. (04Jun04) (RGA)
- 07605.0 VLB2: E10 AM 1451 ID (13May04)(SMK)
- 07610.0 unid: maybe Russian meteo station 06:45
CIS14/96/500 encrypted acf=0(20 May PPA)
- 07614 RGT77: Russian Military Broadcast 1656 CW 481 =
PXEDE oIFFa OGPZC KoYYD uHAZT JOINJ MKVAa NXPYa BFTCa
QIOOa RSBZu LBoLU POPaE = K. (09Jun04) (RGA)
- 07620.0 unid: mode? 0803 15May04 (ML)
- 07630.0 RAM: (Israeli Air Force, probably Ramat David
Airbase): 0203 USB/ALE sounding. 02/05 RP3
- 07630.0 unid: Russian station 06:54 F1B/100/500 (CIS ARQ)
15 bits data inburst mode with continious mark acf=56
(20 May PPA)
- 07632.2 PWZ-33: BN Rio 2327 SITOR Msg to PWZ-66 ?
(12/05/04) (AJP)
- 07637.0 P4: Uruguayan Army 1353 LSB SS Radiograms to P5
(?) and P3 (?) (11/05/04) (AJP)
- 07653.9 unid: presumed CIS station 18:25 F1B/150/500
encrypted traffic (21 MayPPA)
- 07655.0 unid: maybe Russian meteo station 03:57
CIS14/96/500 idling until 04:04 when start of
traffic,daily schedule from Monday till Friday
(21 MayPPA)
- 07682.0 unid: Russian military 07:12 USB/CIS12 (MS5)
idling (20 May PPA)
- 07703.1 UNID: 850/75N RYRYRY & VMGTCNJ: 0138 RTTY
(16/MAY/04) (JLM)
- 07730 1GU: Algerian MOI 2040 ALE/USB calls 6HH who
responds. (10Jun04) (RGA)
- 07745.5 UT4D: Unloc. Dutch SFOR related unit, BIH/HOL
0753 USB/MIL-STD 188-141A, calling SF02 (01Jun04) (LDO)
- 07745.5 UT4D: Unloc. Dutch SFOR related unit, BIH/HOL
0753 USB/MIL-STD 188-141A, calling SF02 (01Jun04) (LDO)
- 07755.0 Unid: no ID RUS AF time strings CW 1320 =99
1720??t?????, 1321=991721??t????? =1468282649552t =
246822t1??t512.(12May04)(SMK)
- 07775 UKE302: Royal Air Force AWACS ZH102, 0934
USB/MIL-STD 188-141A, calling MDES03A (26May04) (LDO)
- 07775 UKE305: Royal Air Force AWACS ZH105, 0841
USB/MIL-STD 188-141A, calling UKE303 (21May04) (LDO)
- 07775.0 UKE302: Royal Air Force AWACS ZH102, 0934
USB/MIL-STD 188-141A, calling MDES03A (26May04) (LDO)
- 07775.0 UKE305: Royal Air Force AWACS ZH105, 0841
USB/MIL-STD 188-141A, calling UKE303 (21May04) (LDO)
- 07777 DIAMANTE: Mexican Army 2219 ALE/USB Called JADE.
(12Jun04) (GB)
- 07777 JADE: Mexican Army 1610 ALE/USB JADE calls RM1
through RM12. (12Jun04) (GB)
- 07777 OBREGON: Mexican Army 1636 ALE/USB called
ZORILLO. (12Jun04) (GB)
- 07778.5 CL1: (FBI, Cleveland OH): 1627 USB/ALE TO C01
(FBI, Columbia SC). Also noted on 09183.5. 03/05 RP3
- 07780.0 RAM: Israeli Air Force 1512 ALE/USB.
(02 May 04) (MR)
- 07803 SPI324: Unid Polish Military 2200 ALE/USB calls
LCR154/Polish military HQ Warsaw who responds.
(22May04) (RGA)
- 07805.0 CL1AR: (probably Claremont NH EOC): 1706 USB/ALE
sounding. 21/04 RP3
- 07806 : UNID Eastern European net, 0815 USB/R&S 2400Bd
proprietary burst PSK mode, link setup using ALIS with
228.65 Bd/170Hz, possibly parts of the old SNG-xxx net
(31May04) (LDO)
- 07806.0 no-call: UNID Eastern European net, 0815 USB/R&S

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2400Bd proprietary burst PSK mode, link setup using ALIS with 228.65 Bd/170Hz, possibly parts of the old SNG-xxx net (31May04) (LDO)

- 07830.0 INDIA 2 ECHO: ZERO ALPHA MIKE, FOXTROT 4 LIMA & others in US Military net: 0132 USB voice (16/MAY/04) (JLM)
- 07851.0 AAR3FQ: (Army MARS, Virginia-acting as NCS): 2017 LSB w/AAR3FI (Virginia); AAR3SJ (Virginia); AAM3RA/A (Virginia); and AAR3ZC (Maryland) w/chat on Regional Net. 27/04 RP3
- 07865 : German MIL net, D 1945 USB/EADS-MAHRS 2400Bd PSK burst mode, occasional ARCOTEL ALE burst and busy EPM burst tfc. (05Jun04) (LDO)
- 07865.0 no-call: German MIL net, D 1945 USB/EADS-MAHRS 2400Bd PSK burst mode, occasional ARCOTEL ALE burst and busy EPM burst tfc. (05Jun04) (LDO)
- 07875.0 BASE1: unid base stn 0846 USB ALE/MIL-188-141A c1g MOBIL1 [CMD (LQA)]: 44 49 41 4C 34 20 (03/Jun/04)(KK)
- 07880 DDK3: Hamburg Meteo 2215 FAX/120/576 Reasonable pressure chart with multi-path blurring. (12Jun04) (RGA)
- 07880.0 DDK3: hamburg met 0814 FAX europ chart Mai15 04 ML
- 07883.6 FHLX: unid military station 17:53 A1A calling X2Y2 (25 May PPA)
- 07891.3 unid: fishermen 0819 USB french d/x "la rochelle..." Mai15 04 ML
- 07905.3 T4Z1ID: US Military in Iraq 1555 ALE/USB (02 May 04) (MR)
- 07905.3 T82AA: US Military in Iraq 1556 ALE/USB to R26066. In voice c/s: BLACK HAWK op's and TACKER 13. (02 May 04) (MR)
- 07906 : UNID French MIL or MOI, F 0906 USB/STANAG 4285 600 bps/L, non-stop testing in French "testing testing testing pour essai pour essai" no station or circuit ID sent (01Jun04) (LDO)
- 07906.0 no-call: UNID French MIL or MOI, F 0906 USB/STANAG 4285 600 bps/L, non-stop testing in French "testing testing testing pour essai pour essai" no station or circuit ID sent (01Jun04) (LDO)
- 07914.0 no-call: Russian intelligence, RUS 2031 BAUDOT 200.33Bd/500Hz, broadcasting 17 FGs to UNID recipient (14May04) (LDO)
- 07929 : Romanian MIL net, ROU 1222 USB, phone patch and other voice tfc in Romanian, voice tfc preceded by short 244Bd/1200Hz FSK for link mgmt (cf +1.7kHz) (01Jun04) (LDO)
- 07929.0 no-call: Romanian MIL net, ROU 1222 USB, phone patch and other voice tfc in Romanian, voice tfc preceded by short 244Bd/1200Hz FSK for link mgmt (cf +1.7kHz) (01Jun04) (LDO)
- 07959 REA4: Russian AF HQ Moscow 2140 REVS/50/1000 Idles through 2140 sked time. // 4357 3531. (09Jun04) (RGA)
- 07959.0 REA4: AFHQ Moscow RUS 18:40 F1A 1000 5F message (21 May PPA)
- 07965.0 222: PRC Station 2305 Mil-std 188-141A/USB sounding. (30-May-04) (JUM)
- 07968.0 BOG: COLOMBIAN NET? 0307 MIL.STD 188-141A ALE on usb. Sounding (30/May)(DW)
- 07968.0 BOG: IRANIAN NET? 0104 MIL.STD 188-141A ALE on usb. Sounding. Also 0436 (28/May)(DW)
- 07969.0 PAZ1: UNID CE-2004 node, ??? 0507 USB/MIL-STD188-141A/MIL-STD 188-110A, tfc. to YA69 using Harris RF-67x0 software + STANAG 5066 protocol (14May04) (LDO)
- 07969.0 PAZ1: UNID CE-2004 node, ??? 0507 USB/MIL-STD188-141A/MIL-STD 188-110A, tfc. to YA69 using Harris RF-67x0 software + STANAG 5066 protocol (14May04) (LDO)
- 07969.0 YA69: UNID CE-2004 node, ??? 0508 USB/MIL-

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STD188-141A/MIL-STD 188-110A, tfc. to PAZ1 using Harris RF-67x0 software + STANAG 5066 protocol (14May04) (LDO)
07969.0 YA69: UNID CE-2004 node, ??? 0508 USB/MIL-STD188-141A/MIL-STD 188-110A, tfc. to PAZ1 using Harris RF-67x0 software + STANAG 5066 protocol(14May04) (LDO)
07969.0 unid: sound ? 0822 15may04 (ML)
08000 TARABOSHI: Albanian MOI Tarabosh 1816 ALE/USB Calls SHEBENIKU/Shebiniku. (09Jun04) (RGA)
08009 UNID 2301 CW continuously sending 'idmda riian diuan idmda riian diuan idmda riian diuna' followed by 'k k k' and then into groups of five with letters and cut numbers 12/May/2004 (TR)
08010 BU1: Romanian MoI Bucharest, ROU 1029 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc. to CNP [=Cluj Napoca] using Harris RF-67x0 SW (05Jun04) (LDO)
08010 BU2: Romanian MoI Bucharest, ROU 1248 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc. to ZAL [=Zalau] using Harris RF-67x0 software (05Jun04) (LDO)
08010 BU5: Romanian MOI Bucharest 1805 ALE/USB Calls CON/Constanta. (09Jun04) (RGA)
08010 BU5: Romanian MOI Bucharest 1814 ALE/USB Calls BMA/Baia Mare who responds. (09Jun04) (RGA)
08010 BU5: Romanian MOI Bucharest, ROU 1354 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc. to TIM [=Timisoara] using Harris RF-67x0 software (05Jun04) (LDO)
08010 BUZ: Romanian Police Buzau, ROU 1125 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc. to BU5 [=MoI Bucharest] using Harris RF-67x0 SW (05Jun04) (LDO)
08010 CNP: Romanian Police Cluj Napoca, ROU 1029 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc. to BU1 [=Bucharest] using Harris RF-67x0 SW (05Jun04) (LDO)
08010 TIM: Romanian Police Timisoara, ROU 1354 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc. to BU5 [=Bucharest] using Harris RF-67x0 SW (05Jun04) (LDO)
08010 VAS: Romanian Police Vaslui, ROU 1407 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc. to BU5 [=Bucharest] using Harris RF-67x0 SW (05Jun04) (LDO)
08010 ZAL: Romanian Police Zalau, ROU 1248 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc. to BU2 [=Bucharest] using Harris RF-67x0 software (05Jun04) (LDO)
08010.0 BU1: Romanian MOI Bucharest, ROU 1029 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc. to CNP [=Cluj Napoca] using Harris RF-67x0 SW (05Jun04) (LDO)
08010.0 BU2: Romanian MOI Bucharest, ROU 1248 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc. to ZAL [=Zalau] using Harris RF-67x0 software (05Jun04) (LDO)
08010.0 BU5: Romanian MOI Bucharest, ROU 1354 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc. to TIM [=Timisoara] using Harris RF-67x0 software(05Jun04) (LDO)
08010.0 BUZ: Romanian Police Buzau, ROU 1125 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc. to BU5 [=MoI Bucharest] using Harris RF-67x0 SW(05Jun04) (LDO)
08010.0 CNP: Romanian Police Cluj Napoca, ROU 1029 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc. to BU1 [=Bucharest] using Harris RF-67x0 SW (05Jun04) (LDO)
08010.0 TIM: Romanian Police Timisoara, ROU 1354 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc to BU5 [=Bucharest] using Harris RF-67x0 SW (05Jun04) (LDO)
08010.0 VAS: Romanian Police Vaslui, ROU 1407 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc. to BU5 [=Bucharest] using Harris RF-67x0 SW (05Jun04) (LDO)
08010.0 ZAL: Romanian Police Zalau, ROU 1248 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc. to BU2 [=Bucharest] using Harris RF-67x0 software (05Jun04) (LDO)
08012.0 043SERCAP: & 022NHQCAP, Civil Air Patrol stations: 2310 USB ALE/voice. Voice calls SOUTH EAST CAP 43 & HEADCAP22 (04/JUNE/04) (JLM)
08015 SMAB3: Romanian MOI Satu Mari 1824 ALE/USB Calls

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08021 RESB3/Resita on Net 3. (09Jun04) (RGA)
 MAE: MFA Algiers, ALG 0757 USB/MIL-STD 188-141A,
 calling Tunis (11Jun04) (LDO)
 08028.0 Unid: NATO 0047 Link-11 (29/05/04) (AJP)
 08034.2 Unid: Brazilian Army 1120 SITOR 230 Hz shift
 (16/05/04) (AJP)
 08035 BSVB7: Romanian Police Brasov, ROU 1739 USB/MIL-
 STD 188-141A, calling CNPB7 [=Cluj Napoca]
 (10Jun04) (LDO)
 08037.0 CPSNY: (Cooperstown, New York EOC): 2108 USB/ALE
 sounding. 27/04 RP3
 08037.0 CPSNY: (probably Cooperstown New York EOC): 1307
 USB/ALE sounding. 23/04 RP3
 08040 GYA 2231 FAX wx charts and wind prognosis with
 120 RPM entitled 'FLEET WEATHER AND OCEANOGRAPHIC CENTRE,
 NORTHWOOD, ENGLAND' 18/May/2004 (TR)
 08045.0 unid: station 19:39 BR6028/6*170 Presumed 75 baud
 crypto to noisy forgood analysis (24 May PPA)
 08047.0 F22224: (2/224th Avn Regt, VANG, Richmond VA):
 1913 USB/ALE sounding.=22/04 RP3
 08047.0 HQ3NGB: (National Guard Readiness Center,
 Arlington VA): 1643 USB/ALE=TO ECONGB (Nat'l Guard
 Bureau, Englewood CO). 22/04 RP3
 08047.0 HQ3NGB: (National Guard Readiness Center,
 Arlington VA): 1740 USB/ALE=TO BISNGB (Nat'l Guard
 Bureau, Bismark ND). 22/04 RP3=20
 08047.0 HQ3NGB: (National Guard Readiness Center,
 Arlington VA): 1904 USB/ALE=TO SORNGB (unidentified Nat'l
 Guard Bureau). 22/04 RP3
 08047.0 MMANGB: (Nat'l Guard Bureau, Montgomery AL): 1833
 USB/ALE TO GUSNGB (Nat'l Guard Burea, Grissom ARB, IN).
 01/05 RP3
 08058.6 KWW25: US embassy Oslo, NOR 0535 USB/MIL-STD
 188-141A, traffic to KWB48 (21May04) (LDO)
 08058.6 KWW25: US embassy Oslo, NOR 0535 USB/MIL-
 STD188-141A, traffic to KWB48 (21May04) (LDO)
 08063.3 Unid: 1138 Chinese 4+4 (16/05/04) (AJP)
 08089 GIB1: British MIL Gibraltar?, GIB? 2106 USB/MIL-
 STD 188-141A, sounding (29May04) (LDO)
 08089.0 GIB1: British MIL Gibraltar?, GIB? 2106 USB/MIL-
 STD 188-141A, sounding (29May04) (LDO)
 08097.0 Unid: 1110 Chinese 4+4 (31/05/04) (AJP)
 08103.0 4XZ: Haifa Radio CW 1355 marker (14May04) (SMK)
 08171.5 TX18NG: TX Army NG Aviation Unit: 2309 USB ALE
 (04/JUNE/04) (JLM)
 08180 ELEFANTE: MOD Roma, I 0800 USB/FSK-1200Bd/ISS-
 mode, traffic to unlocated station, QSX not found
 (10Jun04) (LDO)
 08220.0 Unid: 1122 Chinese 4+4 (31/05/04) (AJP)
 08234 FRZ: UNID MIL station, ??? 1637 USB/MIL-STD
 188-141A/MIL-STD 188-110A App.B 39-tone modem tfc. to JPQ
 using Harris RF-67x0 sw, station some 25 Hz off frequency
 (10Jun04) (LDO)
 08234 JPQ: UNID MIL station, ??? 1638 USB/MIL-STD
 188-141A/MIL-STD 188-110A App.B 39-tone modem tfc. to FRZ
 using Harris RF-67x0 sw (10Jun04) (LDO)
 08252 YANKEE KILO: NCS. wkg 8XJ, 9RF & Others 0215 USB
 In apparent Combined Joint Task Force Exercise (CJTFFEX)
 04-2 net. If NATO uses their nets the same as US Navy, a
 KILO net is rare on HF these days. (08Jun04) (RB)
 08383.0 361: Georgian MIL NET 1143 ALE/USB Calls 362.
 Also 53, 731, 419 on this freq. (02 May 04) (MR)
 08392.8 noll: call Brasil Meteo? 0116 P-I/100Bd/Ham/Fec
 WX Info and Nav. Warnings "CENTRO DE HIDROGRAFIA"
 (05/May/04) (KK)
 08414.3 ---: UNID SHIP 2246 DSC//100/E/170 Distress calls
 fm MMSI 725003070. Undesignated and psn 99.99 999.99.
 Sent twice, chksums ok (22/May)(DW)

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- 08414.5 : Unid Coast Stn 0936 GMDSS Relays apparent undesignated distress message from NSS Advance/3FLX5, allegedly in distress at 0033S 15243E. (19Jun04) (APB)
- 08414.5 : Unid Vessel 2311 GMDSS Distress call from 4719N 00754W. Undesignated. (22May04) (APB)
- 08414.5 NMA: USCG Miami FL USA Acks apparent distress call of undesignated distress apparently from unidentified Maltese vessel allegedly at 2036S 06056E. (23May04) (APB)
- 08414.5 NMC: CAMSPAC Pt Reyes CA USA 1129 GMDSS Acks apparent distress message from vessel Mr. Thomas/WYB6211 apparently in distress at 3014N (no longitude given). Transmission had checksum error. (06Jun04) (APB)
- 08414.5 NMG: USCG New Orleans/Norfolk USA 1145 GMDSS Relays distress message from bulk carrier Sea Glory/3FCG4 taking on water at 2017S 04008W. (11Jun04) (APB)
- 08414.5 NMG: USCG New Orleans/Norfolk USA 1150 GMDSS Relays apparent distress message apparently from bulk carrier Smart/HOGM allegedly in undesignated distress at 2741S 01935W. (11Jun04) (APB)
- 08414.5 NMN: CAMSLANT Chesapeake VA USA 0423 GMDSS Relays apparent distress message from Singapore-registered vessel Chembulk New Orleans/9VAE5 allegedly in unspecified distress at 2105N 11421W. (07Jun04) (APB)
- 08417.5 XSV: TianjinRadio PRC 2013 ARQ w/Morse ID. (10Jun04) (RGA)
- 08418.0 MRL: CW+stator 1404 marker (14Mar04) (SMK)
- 08421.5 LZW4: VARNA 0829 CW Mai15 04 ML
- 08421.5 LZW4: VARNA R 0857 FEC cq de LGAB ? Mai22 04 ML
- 08423.5 T82AA: US Military in Iraq 1658 ALE/USB (02 May 04) (MR)
- 08424 SVO: OlympiaRadio Athens 2219 CW Marker. (12Jun04) (RGA)
- 08424.0 SVO: Olympia Radio CW 1336 marker "de SVO+long dash" (12May04)(SMK)
- 08427.5 A9M Hamala Radio 2315 SITOR with CW and SITOR 100Bd channel free marker 'de A9M TLX' 12/May/2004 (TR)
- 08427.5 A2M: HamalaRadio BHR 2016 ARQ w/Morse ID. (10Jun04) (RGA)
- 08427.75 NMN USCG Portsmouth VA 2322 SITOR with CW and SITOR 100 Bd channel free marker 'NMN' 12/May/2004 (TR)
- 08431 TAH: Istanbul Radio, TUR 2007 SITOR-B/170Hz, weather reports in Turkish (05Jun04) (LDO)
- 08431.0 TAH: Istanbul Radio, TUR 2007 SITOR-B/170Hz, weather reports in Turkish (05Jun04) (LDO)
- 08434 TAH: IstanbulRadio TUR 2018 FEC Issuing autotelex prompts (ga+?; please enter command; etc.) in FEC mode. Reverts to ARQ w/Morse ID. (10Jun04) (RGA)
- 08434.0 TAH: Istanbul Radio CW/SITOR 1341 marker + 5LG msg (12May04)(SMK)
- 08444 : Murmansk Meteo, RUS 1904 FAX 120/576/R wind/swell chart. Good signal, but poor resolution scan & strong slant (23May04) (KB)
- 08450.2 PNK: UNID Swedish Naval station?, S? 1610 USB/MIL-STD 188-110A serial tone modem, broadcast tfc to HWK using 1200bps/L (05Jun04) (LDO)
- 08452.7 : UNID station, ??? 1645 PACTOR-II, 5LG offline crypto to ARL4, lengthy op chat in EE (05Jun04) (LDO)
- 08452.7 no-call: UNID station, ??? 1645 PACTOR-II, 5LG offline crypto to ARL4, lengthy op chat in EE (05Jun04) (LDO)
- 08454.0 UIW: Kaliningrad Radio CW 1014 cq cq uiw uiw qss 8454/12877.5/16927 ans 8363.5/12422.5/16677.5 K (13May04)(SMK)
- 08455 RFFMEA 2250 RTTY FN Naviter Sud Saissac idling at 75/850 with 'FAA DE RFFMEA ZNR UUUUU FM NAVIER FRANCE

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SUD TO BATIMENTS BT NON PROTEGE MCA SVC TXT
 RYRYRYRY/SGSGSGSGSG BT' 12/May/2004 (TR)

08455.0 RFFMEA: French Navy 2150 RTTY 75/850 FM NAVITER
 FRANCE SUD TO BATIMENTS (29/05/04) (AJP)

08513.5 GAMMA40RS1006: Unid 1627 ALE/USB/MIL_STD-188-110A
 to DELTA03RS1006. Also c/s ASKAR16RS1006.
 (02 May 04) (MR)

08517 9HD: Globe Malta 2222 GLOBEDATA Idling.
 (12Jun04) (RGA)

08565.0 Unid: 2055 FSK 50/850 (29/05/04) (AJP)

08570.0 PWZ-33: Estação-Rádio da Marinha do Rio de
 Janeiro, B 2230 P-I/200Bd/Ham/Fec "IMEDIATA ZUJ IMEDIATA
 I O AVISO NR 110/ 2004 PWZ-33" (04/May/04) (KK)

08586.0 Izmail: RTTY 0933 UYHX UYHX #TC1 IZMAIL 704 12/5
 1500= RADIO 2 P LAT MASTER MV YANKA KUPALA TRITON MARINE
 FUELS PLS SUPPLY MV YANKA KUPALA GADINA40-6 DRUMS -1110
 KGS T ISTANBUL ROADS ETA 17/5/04GMT AKYA SHIPPING
 TLX29063/29079 PH 216-4283874/5/6 FAX 428 38 77 PLS
 CONFIRM RECEIPT= SBF/1330THANKS/BRGDS SRIBNY MANAGER OMM
 (13May04)(SMK)

08586.0 USO5: Izmail Radio CW 1000 4ki 4ki de uso5 uso5
 4277 6386.5/6277 8586/8366.5 12965/12550.5 16909.7 ...
 shrsm Baranow (13May04)(SMK)

08586.0 USO: IZMAIL 0556 ITA2/50 news Mai01 04 ML

08615 VCT: Globe Tor's Cove NF CAN 2022 GLOBEDATA
 Idling. (10Jun04) (RGA)

08625.9 GYU: RN Gibraltar 2224 RTTY/75/200 CARBs.
 (12Jun04) (RGA)

08677 CBV Playa Anchal Zonal Radio 2330 FAX wx fax
 with shipping info for chilean waters 12/May/2004 (TR)

08704.5 Unid: Unid 1153 "The slot Machine"
 (17/05/04) (AJP)

08705.6 LOF: AN Mar Del Plata 0020 RTTY 100/250 5LG
 (12/05/04) (AJP)

08713.0 Arkhangel'sk: USB 0849 change to 6522
 (13May04)(SMK)

08722.0 7TF37: BOUFARIK 1840 USB fren arabic y l d/x
 Mail3 04 ML

08722.0 BOUFARIK: R 2008 USB french/arabic d/x
 Mail7 04 ML

08728.0 MONACO: 1833 USB french wx forecast bulletin
 Mail3 04 ML

08734 SVO: Olympia Radio Greece 0240 USB w/voice mirror
 with channel numbers. (07Jun04) (RB)

08734.0 Olympia Radio: USB 1348 announcement in Greek,
 English (12May04)(SMK)

08734.0 SVO: Olympia Radio 1220 USB E/Gr callband
 (02 Jun 04)(HPT)

08778 HTDI: Russian Military 1711 CW Msg to (missed it)
 699 .2 9 2052 699 = PPPPP WDGUD ... (end missed) .50 K.
 (09Jun04) (RGA)

08791.0 Odessa Radio: USB 0806 dispatcher's comms
 (26th, Rila, Asta, Chelsey, Volgo-Balt-34, Ore1), 0821
 wkg/zvezda, 0829 wkg/Balkan Star. Receives on 8267, 12350,
 16519 khz, answers 13197, 8791. (13May04)(SMK)

08794.0 Kherson: USB 1420 wkg/kudra (Rx: 8267), 1422
 skg/Kadia (?) (Rx: 18820)(14May04) (SMK)

08800.0 ZSC27 Capetown radio SAF 18:47 J3E/U Gale
 warnings (24 May PPA)

08819.0 AKTYUBINSK: VM / KAZAKH 1907 USB russ y l
 "oral..." Mail3 04 ML

08825 B-18610 1419 USB MWARA NAT-A/E, China Air
 B-18610, selcal EPCK, working New York with posn, wx,
 fuel status and selcal check 14/Jun/2004 (TR)

08825 Cayenne Aero 1105 USB MWARA NAT-A/E, rather
 weak signal, working various mostly unheard aircraft in
 both English and French, advising flight levels and
 selcal checks 2/Jun/2004 (TR)

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08825 Cayenne Aero 1105 USB MWARA NAT-A/E, rather weak signal, working various mostly unheard aircraft in both English and French, advising flight levels and selcal checks 2/Jun/2004 (TR)

08825 EI-CMQ 1441 USB MWARA NAT-A/E, Air Lingus EI-CMQ, working Shanwick with posn, wx, fuel status, ETA at destination (EIKN Connaught) and selcal check 21/Jun/2004 (TR)

08825 F-BTDH 1130 USB MWARA NAT-A/E, Air France 742(?), selcal KMBF, calling Cayenne Aero for selcal check 2/Jun/2004 (TR)

08825 OK-DGM 1320 USB MWARA NAT-A/E, Czech Airlines OK-DGM, selcal RSEL, working Santa Maria for selcal check 14/Jun/2004 (TR)

08825 OO-SFX 1331 USB MWARA NAT-A/E, Sabena OO-SFX, selcal BLHS, working New York with posn and selcal check 14/Jun/2004 (TR)

08825 UNID 1222 USB voice tfc in Russian, male and female ops 2/Jun/2004 (TR)

08825.0 ABC: (unidentified Venezuelan military HQs unit): 0022 LSB/ALE TO DIVIMCO1(unidentified Venezuelan military unit). These same units also noted on 08280.0 LSB & 12456.0 LSB. 26/04 RP3

08828 Hong Kong VOLMET 1317 USB (presumed) very weak signal with flight wx for SEA airports in English 2/Jun/2004 (TR)

08834 HFDL-GS 008 Johannesburg 2132 HFDL/USB [HFNPDU ACARS AID VS0201] 2.G-VMEG SA7 S86AVS02010LV213230SH ED 19/Jun/2004 (TR)

08834 Virgin Atlantic VS0201 2123 HFDL/USB [HFNPDU PERFORMANCE] 21:23:38 UTC Flight ID = VS0201 LAT 57 25 10 N LON 86 34 2 E 19/Jun/2004 (TR)

08846 59-1472 2302 USB MWARA CAR-B, Reach 59-1472, selcal KMQR, working New York for selcal check 19/Jun/2004 (TR)

08846 N115US 2220 USB MWARA CAR-B, US Air N115US, selcal CSBJ, working New York with posn, wx, fuel status and selcal check 19/Jun/2004 (TR)

08846 N176AA 2257 USB MWARA CAR-B, American Airlines N176AA, selcal EJGH, working New York with posn, wx, fuel status and selcal check 19/Jun/2004 (TR)

08846 N584UA 2224 USB MWARA CAR-B, United N584UA, selcal EGPR, working New York with posn, flightlevel and selcal check 19/Jun/2004 (TR)

08846 N607AU 2222 USB MWARA CAR-B, US Air N607AU, selcal BRLQ, working New York with selcal check and requesting flightlevel change 19/Jun/2004 (TR)

08846 N662AA 2244 USB MWARA CAR-B, American Airlines N662AA, selcal FMPS, working New York for selcal check and posn 19/Jun/2004 (TR)

08846 N715UW 2249 USB MWARA CAR-B, US Air N715UW, selcal ASBK, working New York for selcal check and posn 19/Jun/2004 (TR)

08846 N723UW 2240 USB MWARA CAR-B, US Air N723UW, selcal ASKQ, working New York with posn, wx, fuel status and selcal check 19/Jun/2004 (TR)

08846 New York Aero 2238 USB MWARA CAR-B, working various aircraft with selcal check 25/May/2004 (TR)

08846 New York Radio 2218 USB MWARA CAR-B, New York Radio working several aircraft for selcal checks, posn etc. 19/Jun/2004 (TR)

08846 PH-MCI 2225 USB MWARA CAR-B, Martin Air PH-MCI, selcal ARLM, working New York with urgent flightlevel request, due to low flightlevel not able to reach destination (KMCO Orlando Intl.), requesting F360, New York asks to stb/by and later approves F320, several read backs required until Martin Air has it all 19/Jun/2004 (TR)

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08846 S2-ADE 2247 USB MWARA CAR-B, BIMAN Bangladesh
S2-ADE, selcal LPAR, working New York for selcal check
19/Jun/2004 (TR)

08846.0 nat: mwara New York R. qso with United pos. rep.
2310 Utc 17/may/04 (DP)

08858.0 RAM: Israeli Air Force 1516 ALE/USB.
(02 May 04) (MR)

08861.0 afi: mwara Dakar R. qso with Delta 526 selcall
0247 Utc 17/may/04 (DP)

08864 AX900 1117 USB MWARA NAT-B, Air Europe Express
AX900 calling Iceland (Reykjavik) Aero with posn report
7/Jun/2004 (TR)

08864 Shanwick Radio 1028 USB MWARA NAT-B, Shanwick
works very weak a/c M006 (unid) with routing confirmation
from waypoint BALOO (34 24N 062 08W) to GRATX (26 54N 074
17W) and advises to contact New York on 8906 when passing
GRATX, several read backs required until M006 had it all
right 17/Jun/2004 (TR)

08873 N' Djamena Aero 2343 USB working various
aircraft and advising as to flight levels
12/May/2004 (TR)

08879 CN-RGA 1056 USB MWARA AFI-5, Royal Air Maroc
CN-RGA, selcal FJGR, working Daressalaam (barely heard
here) with ETA at destination and selcal check
15/Jun/2004 (TR)

08879 EC-DHZ 1053 USB MWARA NAT-C, Iberia EC-DHZ,
selcal ELBM, working Gander for selcal check
15/Jun/2004 (TR)

08879 F-BPVP 1103 USB MWARA AFI-5, Air France
F-BPVP, selcal EKCG, working Lusaka (barely heard here)
with posn, wx, fuels status and selcal check
15/Jun/2004 (TR)

08879 F-BPVV 1122 USB MWARA AFI-5, Air France
F-BPVV, selcal EJBF, calling Jeddah (???-not sure, signal
quite low) repeatedly trying to selcal check but
unsuccessful, very faint Aeradio (Lusaka???) tries to
QSP, but no joy either 15/Jun/2004 (TR)

08879 G-VIIIJ 1038 USB MWARA NAT-C, British Airways
G-VIIIJ, selcal GKFR, working Shanwick with posn and fuel
status, requesting flightlevel change and selcal check
15/Jun/2004 (TR)

08879 G-VSEA 0940 USB MWARA NAT-C, Virgin Atlantic
G-VSEA, selcal MRKQ, working Iceland for selcal check
15/Jun/2004 (TR)

08879 HB-IBH 0957 USB MWARA NAT-C, BizJet HB-IBH,
selcal BMPR, working Iceland with posn, wx, fuel status
and selcal check 15/Jun/2004 (TR)

08879 I-SNAX 1014 USB MWARA NAT-C, BizJet I-SNAX,
selcal MRHS, working Gander for selcal check
15/Jun/2004 (TR)

08879 N814AW 1015 USB MWARA NAT-C, America West Air
N814AW, selcal HRBJ, working Iceland with posn, wx, fuel
status and selcal check 15/Jun/2004 (TR)

08879 N835CW 1010 USB MWARA NAT-C, Corporate wings
N835CW, selcal HMCJ, working Shanwick for flightlevel
request and selcal check 15/Jun/2004 (TR)

08879.0 NAT ATC / SHANWICK: 0921 USB work CJKL/ LV-JMZ /
AEROLINAS ARGENTINAS B737 Mai29 04ML

08885 D-ALCB: Lufthansa Cargo MD11F Flt LH8400 2021
HFDL Reports 5030N 00739E to ARINC Bahrain. Signs on to
Reykjavik on 15025 kHz at 2027. (12Jun04) (RGA)

08888 Samara Volmet 2355 USB flight wx in Russian
12/May/2004 (TR)

08888 Syktyvkar VOLMET 0730 USB flight wx in Russian
for regional airports, weaker on //11318 kHz, nothing at
all on 6693 kHz 27/May/2004 (TR)

08888 Tyumen VOLMET 1320 USB flight wx in Russian
2/Jun/2004 (TR)

08888.0 Syktyvkar-meteo: USB 1400-1404 wx re. fr airports
incl. Arkhangelsk for13 210-02 vis. 10, 1013 no changes
"(15may04) (SMK)

08888.0 Tyumen-Meteo: USB 1425 wx report (14May04) (SMK)

08891 B-2454 1357 USB MWARA NAT-D, China Air B-2454,
selcal FLBE working Iceland for selcal check
16/Jun/2004 (TR)

08891 C-FXCA 0916 USB MWARA NAT-D, Canadian airlines
C-FXCA, selcal CQAL, working Shanwick for selcal check
7/Jun/2004 (TR)

08891 C-GEOQ 1243 USB MWARA NAT-D, Air Canada
C-GEOQ, selcal DRCS, working Iceland with posn, wx, fuel
status and selcal check 16/Jun/2004 (TR)

08891 C-GHLM 1405 USB MWARA NAT-D, Air Canada
C-GHLM, selcal PQKS, working Iceland with posn, wx, fuel
status and selcal check, requests routing confirmation,
Iceland confirms and advises to contact Arctic at 88W
16/Jun/2004 (TR)

08891 EC-EXF 1350 USB MWARA NAT-D, Iberia EC-EXF,
selcal BQHM, working Iceland for selcal check
16/Jun/2004 (TR)

08891 F-GCBB 1318 USB MWARA NAT-D, Air France
F-GCBB, selcal EKGM, working Iceland for selcal check
16/Jun/2004 (TR)

08891 G-BYAK 1238 USB MWARA NAT-D, Britannia Airways
G-BYAK, selcal DFKM, working Iceland for selcal check and
routing confirmation 16/Jun/2004 (TR)

08891 G-BYGA 2140 USB MWARA NAT-D, British Airways
G-BYGA, selcal CPMQ, working Iceland (Reykjavik) for
selcal check, posn, wx and fuel status 8/Jun/2004 (TR)

08891 G-VTOP 1400 USB MWARA NAT-D, Virgin Atlantic
G-VTOP, selcal MRJS, working Iceland for selcal check
16/Jun/2004 (TR)

08891 Iceland Radio 1319 USB MWARA NAT-D, Iceland
Radio (Reykjavik) working very faint Air Lingus EI-DAA,
selcal FLCS, trying to selcal check, further comms
impossible, Iceland advises to contact them on secondary
11279 (nothing heard there) 16/Jun/2004 (TR)

08891 N1433B 1248 USB MWARA NAT-D, American Airlines
N1433B, selcal GLRS, working Iceland for selcal check and
requesting flightlevel 340, Iceland advises to contact
Arctic at 88W 16/Jun/2004 (TR)

08891 N424UA 1403 USB MWARA NAT-D, United N424UA,
selcal HMKP, working Iceland for selcal and radio check
16/Jun/2004 (TR)

08891 N567AM 1251 USB MWARA NAT-D, American Airlines
N567AM, selcal GHRS working Iceland for selcal check and
requesting flightlevel 360, Iceland advises to contact
Arctic at 88W 16/Jun/2004 (TR)

08891 N658FE 1331 USB MWARA NAT-D, FedEx N658FE,
selcal DGFR, working Iceland for selcal check and
requesting flightlevel change, Iceland advises to call
Arctic either on same freq or 11279 or upon approach on
126.7 16/Jun/2004 (TR)

08891 N696AN 1311 USB MWARA NAT-D, American Airlines
N696AN, selcal MPRS, working Iceland for selcal check and
routing confirmation, Iceland confirms and advises to
contact Arctic at 88W 16/Jun/2004 (TR)

08891 N797UA 1409 USB MWARA NAT-D, United N797UA,
selcal ASFJ, working Iceland with posn and selcal check,
requesting flight level change, Iceland advises to
contact Arctic on 11279 or 126.7 when within VHF range
16/Jun/2004 (TR)

08891 OY-KIN 1320 USB MWARA NAT-D, SAS OY-KIN,
selcal MPGS, working Iceland with posn, wx, fuel status
and selcal check, requesting flightlevel change, Iceland
advises to std/by 16/Jun/2004 (TR)

08891 PH-BFO 1302 USB MWARA NAT-D, KLM PH-BFO,

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selcal BQJ, working Iceland for selcal check
16/Jun/2004 (TR)

08891 PH-BFP 1307 USB MWARA NAT-D, KLM PH-BFP,
selcal KLMP, working Iceland with posn, wx, fuel status,
selcal check and requesting flightlevel 330
16/Jun/2004 (TR)

08891 PH-MCU 1342 USB MWARA NAT-D, Martin Air
PH-MCU, selcal PREQ, working Iceland with posn, wx, fuel
status and selcal check, requesting flightlevel 320
16/Jun/2004 (TR)

08891 SU-GAS 1340 USB MWARA NAT-D, Egypt Air SU-GAS,
selcal KQJ, working Iceland for selcal check
16/Jun/2004 (TR)

08891.0 Montreal Aero: 2300 USB MWARA NAT-D, male op
working various aircraft for selcal check and advising
flight levels 28/May/2004 (TR)

08891.0 NAT ATC / SHANWICK: 1713 USB work LMAS / D-AIGK
/DLH A340 mai29 04ML

08894 Adrar Aero 0000 USB working various aircraft
in both English and French 13/May/2004 (TR)

08894 Niamey Aero 0000 USB working various AIR
FRANCE aircraft in French 13/May/2004 (TR)

08903 Accra Aero 2230 USB MWARA AFI-4, working
British Airways G-CIVT, selcal CLDP 2/Jun/2004 (TR)

08903 Brazzaville Aero 0010 USB repeatedly calling
an AIR FRANCE flight for SELCAL check, no joy
13/May/2004 (TR)

08903 Kano Aero 2327 USB MWARA AFI-4, both Kano
Radio and unid aircraft call N'Djamena repeatedly with no
reply 9/Jun/2004 (TR)

08903 N60WL 2318 CW MWARA AFI-4, BizJet N60WL,
selcal DFCE, working Kinshasa for selcal check
9/Jun/2004 (TR)

08903 N619UA 2324 USB MWARA AFI-4, United Airlines
N619UA, selcal KMLP, working Kinshasa for selcal check
9/Jun/2004 (TR)

08903.0 Brazzaville Aero: (BRAZZA) 2305 USB MWARA
AFI-4, Reach 956 28/May2004 (TR)

08903.0 NAHA: ARTCC Naha Okinawa 2331 USB wkg unid
aircraft. (30-May-04) (JUM)

08903.0 afi: mwara Brazzaville R. qso with Iberia 6050
pos. rep. 2245 Utc 17/may/04 (DP)

08906 16805 1731 USB MWARA NAT-A, Portuguese AF
16805, selcal AFDH, working Santa Maria for selcal and
radio check 16/Jun/2004 (TR)

08906 5N-BBD 1326 USB MWARA NAT-A, ADC Airlines
5N-BBD, selcal JLHM, working Santa Maria for selcal check
21/Jun/2004 (TR)

08906 7T-VJH 1413 USB MWARA NAT-A, Air Algerie
7T-VJH, working Shanwick with posn, wx, fuel status and
selcal check 21/Jun/2004 (TR)

08906 9K-AMA 1126 USB MWARA NAT-B, Kuwait Airways
9K-AMA, selcal DRFK, working Gander for selcal check and
routing request 8/Jun/2004 (TR)

08906 9V-SMO 1338 USB MWARA NAT-A, Singapore
Airlines 9V-SMO, selcal BPHR, working Shanwick for selcal
check, posn, wx and fuel status 8/Jun/2004 (TR)

08906 AME3188 0423 USB calling Gander but no joy,
New York advises to maintain selcal watch on 8906 until
passing 4430N, then contact Gander on 5598 or back-up
frequency 2899 30/May/2004 (TR)

08906 Air France 488 1046 USB MWARA NAT-A, working
Shanwick for selcal check 4/Jun/2004 (TR)

08906 B-2056 1627 USB MWARA NAT-A, China Southern
Air B-2056, selcal FLGR, working Shanwick for selcal
check 16/Jun/2004 (TR)

08906 CS-TTE 1235 USB MWARA NAT-A, TAP Air Portugal
CS-TTE, selcal EPKM, working Santa Maria for posn, wx,

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08906 fuel status and selcal check 21/Jun/2004 (TR)
Cubana 455 1137 USB MWARA NAT-A, working
Shanwick with flight path, level and position, Shanwick
requests ETA at destination 4/Jun/2004 (TR)

08906 D-ABVD 1137 USB MWARA NAT-A, Lufthansa D-ABVD,
selcal ALDM, working Santa Maria for selcal check
21/Jun/2004 (TR)

08906 D-ABYX 1158 USB MWARA NAT-B, Lufthansa D-ABYX,
selcal CGFL, working Gander for selcal check, wx, posn
and fuel status 8/Jun/2004 (TR)

08906 EC-DIB 1638 USB MWARA NAT-A, Iberia EC-DIB,
selcal EKCJ, working Santa Maria with posn, wx, fuel
status and selcal check 16/Jun/2004 (TR)

08906 F-GRSH 1207 USB MWARA NAT-B, Star Airlines
F-GRSH, selcal JPEK, working Gander for selcal check, wx,
posn and fuel status 8/Jun/2004 (TR)

08906 G-BNLM 0850 USB MWARA NAT-A, British Airways
G-BNLM, selcal BPCJ, working Shanwick with position, wx
and fuel status and requesting selcal check
6/Jun/2004 (TR)

08906 G-BNWO 1144 USB MWARA NAT-B, British Airways
G-BNWO, selcal EKJQ, working Shanwick for selcal check,
posn, wx and fuel status 8/Jun/2004 (TR)

08906 G-BNWU 1250 USB MWARA NAT-A, British Airways,
selcal ELBQ, works Santa Maria Aero checking selcal
2/Jun/2004 (TR)

08906 G-VIIU 1131 USB MWARA NAT-B, British Airways
G-VIIU, selcal GJFR, working Shanwick for selcal check
8/Jun/2004 (TR)

08906 HZ-AGB 1745 USB MWARA NAT-A, Saudi Arabian Air
HZ-AGB, selcal CGBJ, working Gander with posn, wx, fuel
status and selcal check 16/Jun/2004 (TR)

08906 HZ-AGB 1745 USB MWARA NAT-A, Saudi Arabian Air
HZ-AGB, selcal CGBJ, working Gander with posn, wx, fuel
status and selcal check 16/Jun/2004 (TR)

08906 JA8084 1210 USB MWARA NAT-A, Japan Airlines
JA8084, selcal CPKM, working Gander for selcal check and
requesting new flightlevel, Gander asks to maintain
present one 21/Jun/2004 (TR)

08906 LET952 1016 USB aircraft LET952 calling
Shanwick with flight level query 26/May/2004 (TR)

08906 LX-LGK 1605 USB MWARA NAT-A, Luxair LX-LGK,
selcal AFBE, working Shanwick with selcal check and
requesting flight level change 8/Jun/2004 (TR)

08906 N1839U 1750 USB MWARA NAT-A, United N1839U,
selcal CGBM, working Shanwick for selcal check and
flightlevel request, signal is very weak and Shanwick
advises to call them on 5598 16/Jun/2004 (TR)

08906 N2428 1238 USB MWARA NAT-A, BizJet N2428,
selcal KSEL, working New York for selcal check, posn, wx
and fuel status 8/Jun/2004 (TR)

08906 N33103 1644 USB MWARA NAT-A, Continental
N33103, selcal ERHS, working Gander with posn and selcal
check 16/Jun/2004 (TR)

08906 N395AJ 1135 USB MWARA NAT-B, Amerijet N395AJ,
selcal HKDL, working Gander for selcal check
8/Jun/2004 (TR)

08906 N407EV 1335 USB MWARA NAT-A, Eva Airways
N407EV, selcal BJHR, working Shanwick for selcal check
8/Jun/2004 (TR)

08906 N422FE 1201 USB MWARA NAT-B, FedEx N422FE,
selcal HREM, working Gander for selcal check
8/Jun/2004 (TR)

08906 N660AM 1339 USB MWARA NAT-A, American Airlines
N660AM, selcal FLRS, working Shanwick for selcal check,
posn, wx and fuel status 8/Jun/2004 (TR)

08906 N665AA 0900 USB MWARA NAT-A, American Airlines
N665AA, selcal FMRS, working Shanwick with selcal check

and request for wx and flightpath confirmation
6/Jun/2004 (TR)

08906 N68065 1614 USB MWARA NAT-A, Continental Airlines N68065, selcal BHKM, working Shanwick for selcal check and routing confirmation, Shanwick confirms and advises to contact Gander at 30W 8/Jun/2004 (TR)

08906 N682AA 1228 USB MWARA NAT-A, American Airlines N682AA, selcal GJKS, calling New York with no joy, then working Gander for selcal check 8/Jun/2004 (TR)

08906 N750RA 1146 USB MWARA NAT-A, Great American Airways (ain't that just a bit pathetic...) N750RA, selcal EMGP, working Santa Maria for selcal check 21/Jun/2004 (TR)

08906 N844X 1645 USB MWARA NAT-A, BizJet N844X, selcal AJGK, working Shanwick for selcal check 16/Jun/2004 (TR)

08906 N967DL 1112 USB MWARA NAT-A, Delta Airlines N967DL, selcal CKEQ, working Santa Maria Aero for selcal check and flight level advise 4/Jun/2004 (TR)

08906 New York Aero 2226 USB MWARA NAT-A, working N75KLM and correcting flight level 25/May/2004 (TR)

08906 OE-LLG 1636 USB MWARA NAT-A, Tyrolean Airways OE-LLG, selcal AMLP, working Shanwick for selcal check 16/Jun/2004 (TR)

08906 PH-BUT 1146 USB MWARA NAT-B, KLM PH-BUT, selcal DLAM, working Shanwick for selcal check and wx enquiry 8/Jun/2004 (TR)

08906 PP-SNL 1611 USB MWARA NAT-A, VASP PP-SNL, selcal DHAK, working Shanwick with selcal check 16/Jun/2004 (TR)

08906 PP-VON 1327 USB MWARA NAT-A, Varig PP-VON, selcal FJBK, working Shanwick for selcal check and flight level change confirmation 8/Jun/2004 (TR)

08906 PP-VPN 1600 USB MWARA NAT-A, Varig PP-VPN, selcal GSMR, working Shanwick with selcal check 8/Jun/2004 (TR)

08906 PP-VPW 1136 USB MWARA NAT-B, Varig PP-VPW, selcal BLPS, working Gander for selcal check and psn rprr 8/Jun/2004 (TR)

08906 Reach 176 1143 USB MWARA NAT-A, working Shanwick and requesting flight level 350, Shanwick advises of OK clearance later 4/Jun/2004 (TR)

08906 Santa Maria Aero 2215 USB MWARA NAT-A, working Reach 033 with selcal KQAR but selcal didn't work 2/Jun/2004 (TR)

08906 TC-ACA 1214 USB MWARA NAT-A, Istanbul Airlines TC-ACA, selcal DRJL, working Santa Maria for selcal, radio check and request flightlevel change, very muffled modulation and a bit off freq, Santa Maria has trouble reading them and a/c doesn't get their advise to QSY, many read backs required 21/Jun/2004 (TR)

08906 TF-ABG 1323 USB MWARA NAT-A, Air Atlanta TF-ABG, selcal EGLM, working Shanwick for selcal check 21/Jun/2004 (TR)

08906 YK-AGB 1633 USB MWARA NAT-A, Syrian Arab Air YK-AGB, selcal BHAK, working Gander with selcal check, posn and requesting new flightlevel 16/Jun/2004 (TR)

08906 ZK-NCF 1147 USB MWARA NAT-A, Air New Zealand ZK-NCF, selcal DJHR, working Shanwick with posn, wx, fuel status and selcal check, Shanwick advises to maintain selcal watch on freq and contact Gander at 30W 21/Jun/2004 (TR)

08906 ZS-SAX 0852 USB MWARA NAT-A, South African Airways ZS-SAX, selcal CQAS, working Shanwick with position, wx and asking for flight path confirmation, Shanwick confirms flight path and level and requests selcal check 6/Jun/2004 (TR)

08906.0 NAT ATC /STA MARIA: 1014 USB work DGMS / ZH880

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/c-130J RAF /on airliners Mai23 04ML
08906.0 NAT ATC /STA MARIA: 1015 USB work GN4742 /
breguet -atlantic requesting facilities at ponta delgado
LPPD Mai23 04ML
08909 UNID 2225 USB RDARA India-S, vice tfc by at
least three male ops, language was clearly Hindi, but
this din't sound like aero tfc at all 2/Jun/2004 (TR)
08912 Aeroflot SU0254 2335 HFDL/USB [HFNPDU
PERFORMANCE] 23:35:26 UTC Flight ID = SU0254 LAT 50 25
52 N LON 7 48 50 E 13/Jun/2004 (TR)
08912 Aeroflot SU0516 0117 HFDL/USB [HFNPDU
PERFORMANCE] 01:17:48 UTC Flight ID = SU0516 LAT 45 19
36 N LON 42 57 54 E 14/Jun/2004 (TR)
08912 Aeroflot SU0520 0154 HFDL/USB [HFNPDU
PERFORMANCE] 01:54:04 UTC Flight ID = SU0520 LAT 48 0
10 N LON 45 36 56 E 14/Jun/2004 (TR)
08912 American Transair TZ0437 0403 HFDL/USB [HFNPDU
PERFORMANCE] 04:03:20 UTC Flight ID = TZ0437 LAT 30 29
19 N LON 80 49 30 w 14/Jun/2004 (TR)
08912 American Transair TZ0504 0224 HFDL/USB [HFNPDU
PERFORMANCE] 02:24:12 UTC Flight ID = TZ0504 LAT 27 54
20 N LON 82 41 15 w 14/Jun/2004 (TR)
08912 American Transair TZ0537 0133 HFDL/USB [HFNPDU
PERFORMANCE] 01:33:06 UTC Flight ID = TZ0537 LAT 29 54
6 N LON 81 30 57 w 14/Jun/2004 (TR)
08912 Continental CO0078 0126 HFDL/USB [HFNPDU
PERFORMANCE] 01:26:44 UTC Flight ID = CO0078 LAT 49 2
32 N LON 53 23 44 w 14/Jun/2004 (TR)
08912 HFDL-GS 04 Riverhead 2253 HFDL/USB [HFNPDU
ACARS GND STN] 2.N454UP A9A /ATSUPXA.TI2/MIA ARR ATIS Y
2253Z MIA ATIS INFO Y 2253Z. 12007KT 10SM FEW030
SCT130 OVC250 29/23 A3003 (THREE ZERO ZERO THREE) RMK
AO2 SLP169 CB DSNT SW-W. ATTN, USE CAUTION. NEW RY
NUMBERS ARE IN EFFECT.. APCHS I_ 13/Jun/2004 (TR)
08912 Lufthansa LH8189 0423 HFDL/USB [HFNPDU
PERFORMANCE] 04:23:24 UTC Flight ID = LH8189 LAT 52 39
22 N LON 8 48 6 w 14/Jun/2004 (TR)
08912 Lufthansa LH8400 2239 HFDL/USB [HFNPDU
PERFORMANCE] 22:39:18 UTC Flight ID = LH8400 LAT 51 59
8 N LON 19 44 50 w 13/Jun/2004 (TR)
08912 Lufthansa LH8406 0139 HFDL/USB [HFNPDU
PERFORMANCE] 01:39:36 UTC Flight ID = LH8406 LAT 50 17
10 N LON 8 39 27 E 14/Jun/2004 (TR)
08912 Luxair LX0183 0119 HFDL/USB [HFNPDU
PERFORMANCE] 01:19:56 UTC Flight ID = LX0183 LAT 42 31
38 N LON 35 14 47 E 14/Jun/2004 (TR)
08912 Northwest Airlines NW0170 0141 HFDL/USB [HFNPDU
PERFORMANCE] 01:41:16 UTC Flight ID = NW0170 LAT 41 53
47 N LON 81 4 42 w 14/Jun/2004 (TR)
08912 Qatar Airways QR0005 0117 HFDL/USB [HFNPDU
PERFORMANCE] 01:17:46 UTC Flight ID = QR0005 LAT 25 25
51 N LON 51 35 41 E 14/Jun/2004 (TR)
08912 South African Airways SA0260 0117 HFDL/USB
[HFNPDU PERFORMANCE] 01:17:48 UTC Flight ID = SA0260
LAT 32 53 35 N LON 13 29 49 E 14/Jun/2004 (TR)
08912 Virgin Atlantic VS0022 0117 HFDL/USB [HFNPDU
PERFORMANCE] 01:17:16 UTC Flight ID = VS0022 LAT 46 1
53 N LON 64 28 42 w 14/Jun/2004 (TR)
08912 Virgin Atlantic VS0201 0301 HFDL/USB [HFNPDU
PERFORMANCE] 03:01:48 UTC Flight ID = VS0201 LAT 52 54
38 N LON 5 35 44 E 14/Jun/2004 (TR)
08918 Cenamer Aero 2237 USB MWARA CAR-A, working Air
Jamaica, 6Y-JAE, with selcal KSDM 2/Jun/2004 (TR)
08918 XA-SNC 2251 USB MWARA CAR-A, Transejecutivo
XA-SNC, selcal CEDF, working New York for routing change
confirmation and selcal check, New York confirms routing
and advises to maintain selcal watch on same frequency
9/Jun/2004 (TR)

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08918.0 New York Aero: 2310 USB MWARA CAR-A, male op working Lufthansa 465, selcal EP-KR 28/May/2004 (TR)

08921.0 LDOC BAW: 0900 USB work speedbird ?? Mai29 04ML

08939 St. Petersburg VOLMET 1340 USB flight wx in Russian 26/May/2004 (TR)

08939.0 MOSCOW: VM 1910 USB russ y1 Mai13 04 ML

08951.0 TOKYO: ARTCC TOKYO 2333 USB wkg AIR TRANS 7249. (30-May-04) (JUM)

08971.0 Cowslip 711: (sounds like-P-3C, NAS Jacksonville): 1236 USB calling Fiddle then changes to Jaguar (TSCC, NAS Jacksonville). Is answered by Bluestar (not heard) for radio checks. 26/04 RP3

08977 VP-BDK: Aeroflot A320 Flt SU0123 1928 HFDL Reports 0547N 01536E to Reykjavik. (12Jun04) (RGA)

08987.7 Unid: RN/NATO? 2300 RTTY/75/850 No VMGT id seen (20/May/04) (RH2)

08992 ALUMINUM: EAM Bcasts 1758 USB Unknown preambles. Simulcast on at least 6697. (11 Jun 04) (JH)

08992 ALUMINUM: wkg TROCKADERO(?) 1959 USB Requesting that TROCKADERO get in touch with POOL CUE (GEP alias) and request 7C RF17 in BIRD NEST (GEP alias) and gone. (11 Jun 04) (JH)

08992 CASTANET: Clg MAINSAIL 2026 USB Calling "on 8992" with no response. (21 May 04) (JH)

08992 DETERGENT: Clg MAINSAIL 1907 USB "with request" and raising OFFUTT maybe; for a phone patch to a commercial area code 402 number. During the request HANDRAIL popped up on freq at 1909z with an EAM (4U2DBW), simulcasting same on at least 11244 and 13155 with nothing heard on 6697. At the conclusion of the string HANDRAIL called DETERGENT on 8992 with no known response and nothing further re the phone patch request. (12 Jun 04) (JH)

08992 HANDRAIL: Clg MAINSAIL 1712 USB No response. Tries again at 1716z with no response. (12 Jun 04) (JH)

08992 Keflavik 2243 USB GHFS, '5kn6kv std/by msg follows: kn6kv6zizka4fr4xufcd5wqn2f4, I say again... this is keflavik, out' 2/Jun/2004 (TR)

08992 ORION 53: wkg KEFLAVIK 0709 USB For phone patch to KEFLAVIK METRO for weather for KILM, KNGU, KNIP, KJAX and KCHS. (19 Jun 04) (JH)

08992 Offut 2250 USB GHFS, '5kmu5t std/by msg follows: 5kmu5twep4r52fopzfgq4pba6lpw, I say again... Offut out', simulcasting on 11175 kHz 2/Jun/2004 (TR)

08992 Offut 2250 USB GHFS, '5kmu5t std/by msg follows: 5kmu5twep4r52fopzfgq4pba6lpw, I say again... Offut out', simulcasting on 11175 kHz 2/Jun/2004 (TR)

08992 POWERKIT: EAM Bcast 0045 USB (EAM unknown) and simulcasting same on at least 11244. He used the character count (28) statement to end the xmsn. Nothing heard later. (22 May 04) (JH)

08992 USAF Croughton 0948 USB GHFS, AJE replies to a very weak Reach 237 calling MAINSAIL, Reach 237 is very hard to read, Croughton advises QSB to 11175 17/Jun/2004 (TR)

08992 USAF Croughton 1526 USB GHFS, AJE '4uclvo std/by msg follows 4uclvokhls26t2plqrtp5nszgvdd I say again... Croughton out' 15/Jun/2004 (TR)

08992.0 UNID: GMT AM /8992 (24/May/2004) (niko)

08992.0 USAF /salinas: ID 0520 USB om EAM Mai15 04 ML

08992.0 USAF ANDREWS: 2122 USB eam Mai20 04 ML

08992.0 USAF ICE: KEFLAVIK 1950 USB om eam Apr29 04 ML

08992.0 USAF OFFUTT: 1836 USB y1 EAM ID Mai13 04 ML

09025 290058: USAF C-17 98-0058 2245 wkg unid. Auto phonepatch to Hilda west. Also noted this afternoon: 460032, 290058, 537980, 538038, 538031, 180211, 491712, 450033. (22May04) (GB)

09025 290169: USAF C-17 99-0169 0340 ALE/USB calls unid

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for auto phonepatch to PTAW/Hilda West without response
from ground party. (06Jun04) (GB)
09025 450033: USAF KC-10 85-0033 Clg Andrews 1906
ALE/USB ALE/Voice. Andrews responds. Voice Call Hoist 28.
Who didn't come back to Andrews. Hoist 28 also called HIC
HAW CRO GUA and GTL. (22May04) (GB)
09025 460032: USAF KC-10 85-0032 1945 ALE/USB Auto
phonepatch to Hilda West. (22May04) (GB)
09025 470121: USAF KC-10 87-0121 1610 ALE/USB Called
unid authority. Auto phone-patch to PTAE/Hilda East.
(06Jun04) (GB)
09025 501: Unid 0403 ALE/USB Called MCC/McClellan AFB
for auto phonepatch to DSN 5643700/Unid. Then another to
PTAE/Hilda East. (06Jun04) (GB)
09025 AGUILA: Mexican Army 0014 ALE/USB Called COYOTE.
(23May04) (GB)
09025 AGUILA: Mexican Army 0334 ALE/USB Calls CARDENAL.
(06Jun04) (GB)
09025 AGUILA: Mexican Army 1926 ALE/USB Calls CARDENAL.
(22May04) (GB)
09025 ANDREWS: Andrews AFB MD USA 1817 ALE/USB Calls
OFFUTT with [AMD] "^VF" (06Jun04) (GB)
09025 ANDREWS: Andrews AFB MD USA 1817 Sounds with
[AMD]

"OH =====
\\ \\ \\ \\ \\ WORLDWIDE UTE NEWS Club
\\ \\ \\ \\ \\ An Electronic Club Dealing Exclusively in Utility Stations
\\ \\ \\ \\ \\ WUNNEWS Vol 10: Issue 7, July 2004
// // // // //

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Edited by Bill Lawrie
Electronic Editor. (blmid@freeuk.com)
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>From your Electronic Editor:

* Welcome to another issue of the single largest source of utility station information and the most widely quoted utility station publication in the world...the WUN Newsletter.

WHAT'S INSIDE:

- o Membership News by Ary Boender
- o Digital Review by Day Watson
- o Military/Government Channel Designator List by Larry van Horn

- o Nautical News by Robert Maskill
- o Numbers & Oddities by Ary Boender
- o Utility Round-up by Ary Boender
- o WUN Logs Column by Eddie Bellerby & TEAM LOGS

MEMBERSHIP NEWS
by Ary Boender
WUN President

Fellow WUN-members,

I don't know what the reason is but we lost 232 members during the past 4 months. That is a lot! I would very much like to know what has caused this. At present we still have 1163 members in 30+ countries.

WUN's staff and editors are very interested in what you want to read in the newsletter. What is good and what not. What should really change? Your feedback and input is important to us. So, please write to us. Flood the e-mail boxes of our editors with your contributions. Let thousands of your fellow dxers enjoy your logs and findings. Do you wish to remain anonymous? No problem! Just tell the editor that your name should not be mentioned. We count on you!

If you want to write an article about antenna's, propagation, TIS/HAR stations, or whatever ute related item, please do so. Write to our newsletter editor Bill Lawrie if you need info about the subject.

As you know we have a monthly survey on our website. Feel free to participate if you like. Here are the results of the last five surveys.

- Question: "What type of antenna do you use to listen to HF utilities?"

Answers:

Longwire	44.51%
Active	18.13%
Dipole	18.13%
Vertical	10.44%
Discone	2.20%
Other	6.59%

- Question: "Which WUN web site feature do you find most useful?"

Answers:

Electronic Newsletter	54.29%
Utility Info Files	17.14%
WUN List Server	17.14%
Special Topic Reports	5.71%
Digital Sounds	2.86%
Digital Signals FAQ	2.86%
Utility www Links	0.00%

- Question: "How would you rate the overall WUN web site?"

Answers:

Excellent	60.00%
Good	31.43%
Acceptable	8.57%
Poor	0.00%

- Question: "Which WUN Newsletter column do you read most frequently?"

Answers:

Digital Review	21.05%
Numbers & Oddities	18.42%
WUN Logs Column	15.79%
Military Lists Area	13.16%

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Aeronautical Column	10.53%
Utility Round-Up	7.89%
Nautical News	7.89%
Products & Reviews	2.63%
QSL Center	2.63%

- What digital mode do you monitor most frequently?

CW/Morse	10.91%
RTTY	20.00%
ARQ/FEC	9.09%
FAX	7.27%
ALE	14.55%
GMDSS	14.55%
HDFL/ACARS	14.55%
Other	9.09%

```

0101100010110001011000001110011000101100110110001100110011010000100011
0011100010010101001100110101100101000011011000011101100000011101100100
01001101# DIGITAL #00011110010100001101010010100011010111000000111001
1000100101111010100100011010010010100110100011010001101000011010011100
0111000111001110000110000111100000100101011001001010111010100011100011
001000101010110100000111000111# REVIEW #00000101110011100001101000101
0101001011000011101100010110001100110100010110000111011000101100001110
0000110100101010110101011010000100101001101001010101010101000101010001
0100101111100001000101010011000110011000011101100010# COLUMN #110001
110001101010010101001010010100100001110110000101100101001101011000

```

- Editor: Day Watson E-mail: jdwatson@blueyonder.co.uk
- Nickname on IRC channel #monitor DayW

Hi digi WUNners

The menu	
Met	Hamburg Met FAX update
Military	MAHRS protocol
	Mexican Navy en clair
Special	Controlling RF/IF gain
Techi Tips	Level checking
UNID	18115.5 mystery

>>....Met.....>

::: Hamburg Met FAX update

The schedule was updated on 16/Jun and is expected to change at 2/Oct.

Operating at 120rpm/576IOC on
DDH3 3855 kHz
DDK3 7880 kHz
DDK6 13882.5 kHz

it is currently as follows:

Tx(UTC)	VT	Product
0430	00	Sfc wx chart
0500	00	MSL pres prog, wind (10 m) 0hr, 24hr (GME)
0512	18	Sfc pres prog 30hr (GME)

*

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0525 00 sfc pres anal, arrows showing movement of pres systems,
Sig Wx, ice

0546 03 Info re tropical storms, N/Atlantic (during the season)

0559 00 500 hPa Ht+Thickness, Sfc prog 12hr, 24hr (GME) P

0612 00 850 hPa Ht+Thickness, 700 hPa prog 12hr, 24hr (GME) U

0625 00 500 hPa Ht+Thickness, Sfc prog 36hr, 48hr (GME) P

0638 00 850 hPa Ht+Thickness, 700 hPa prog 36hr, 48hr (GME) U

0651 00 500 hPa Ht+Thickness, Sfc prog 60hr, 72hr (GME) P

0704 00 850 hPa Ht+Thickness, 700 hPa prog 60hr, 72hr (GME) U

0717 18 Repetition of 0512 UTC chart

0730 00 Sfc pres prog 48hr (GME)

0743 00 Repetition of 0525 UTC chart

0804 00 Sfc pres prog 72hr (GME)

0817 00 Sfc pres prog 96hr (GME)

0830 00 500 hPa anal(GME) H *

0842 00 MSL pres prog, wind (10 m) 36hr, 48hr (GME) *

0854 00 850 hPa, 700 hPa prog 24hr (GME) U *

0906 00 850 hPa, 700 hPa 36hr (GME) U *

0918 00 MSL pres prog, wind (10 m) 72hr, 96hr (GME) *

0930 00 Sea and swell prog 24hr (GSM)(wind 10m)

0943 00 Sea Sfc temperature North Sea

1004 00 Sea and swell prog 48hr (GSM)(wind 10m)

1016 00 Sea and swell prog 72hr (GSM)(wind 10m)

1029 00 Wave prediction 48hr

1050 06 Sfc wx chart

1111 -- Transmission schedule

1132 -- Test chart

1145 06 Repetition of 1050 UTC chart

1206 00 Sea and swell prog 96hr (GSM)(wind 10m)

1219 00 Ice conditions chart North-west Atlantic

1232 00 Ice conditions chart west Baltic Sea

1520 09 Ice conditions chart west Baltic Sea or special area

1540 09 Ice conditions chart west Baltic Sea or special area

1600 12 Sfc wx chart

1800 12 Sfc pres anal, arrows showing the movement of pres systems,
Sig Wx, ice

1821 15 Info re tropical storms, N/Atlantic (during the season)

1834 12 Sfc pres prog 24hr (GME)

1847 12 Sfc pres prog 48hr (GME)

1900 12 Sfc pres prog 72hr(GME)

1912 12 MSL pres prog, wind (10 m) 0hr, 24hr (GME) *

1924 12 500 hPa anal(GME) H *

1936 12 MSL pres prog, wind (10 m) 36hr, 48hr (GME) *

1948 12 850 hPa, 700 hPa prog 24hr (GME) U *

2000 12 850 hPa, 700 hPa prog 36hr (GME) U *

2012 12 MSL pres prog, wind (10 m) 72hr, 96hr (GME) *

2024 12 Sea and swell prog 24hr (GSM)(wind 10m)

2036 12 Sea and swell prog 48hr (GSM)(wind 10m)

2048 12 Sea and swell prog 72hr (GSM)(wind 10m)

2100 12 Ice conditions chart North-west Atlantic

2115 15 Ice conditions chart west Baltic Sea

2137 12 Wave prediction 48hr

2200 18 Sfc wx chart

Abbreviations:

GME Global model (31 layers/60km)
 GSM Global model for seastate
 H Contour lines (gpdam)
 MSL Mean Sea Level
 P Pressure (hPa)
 T Isotherms (degs C)
 U Relative Humidity (%)

* Charts so annotated are specials for the FS Polarstern/DBLK.
 Check URL: <http://www.awi-bremerhaven.de/Polar/polarstern.htm>
 for details of this ship.

>>....Military.....>

::: MAHRS protocol

"I've some information for you! Regarding the new system MAHRS - T41 MAR at DHJ59 [Wilhelmshaven]." So writes Andreas Heymann (via Ary).

[.MP3 samples supplied with the original have been transferred to the WUN website sounds page - these are indicated in the text below in square brackets]

Andreas continues:

"I have some freqs for you that might be of interest.

3505,0 3825,0 4158,0, 5685,0 8315,0 and 12282

For establishing the link between two stations there is a call of one dot each second at a length of 500ms. Most of the time the station calls 62 times then changes back to listening for 60 seconds and then selects a new frequency for calling. The selection of freqs happens according to position of both sender and receiver, actual daytime and actual sunspot-numbers. The system calculates a prediction-model of propagation and decides which line may be the best. Hear the first sample of a call up

[MAHRS 5685,0 241955z Jun04.mp3]

And here we have the other one

[MAHRS 5685,0 242013z Jun04.mp3]

When in contact the called station answers after waiting a maximum of 15 seconds by one dot of 500ms and the both stations give their "handshakes" and then the full transmission starts using a high speed ARQ-like transmission-system at a speed of 4800 bit/s. Here we have that sample of a station calling and getting into contact with the partner (you can hear a slight carrier of the called station grow up in the back while the calling station is still calling).

After the call the called station responds and ID's itself, then they give their handshake and exchange best propagated frequencies on which they will call again if contact gets lost. After that the outstanding traffic is exchanged.

Have a listen:

[MAHRS 5685,0 242021z Jun04.mp3]

When the message is delivered both stations return to listening on all freqs (one after another) and then the former receiver gives back an acknowledgement of insurance to have the message received completely without any data corruption o.s.l.t. That may happen on the same line as before or one of a neighbored one. Both station working synchronus now and the both arrive at the same frequency to get in for the ACKNO.

That were the details on our new station. Probably you'll find some dots of our system while tuning through the bands. Probably I'll find some more information on the web about that system."

Many thanks Andreas.

::: Mexican Navy en clair

Encryption (there for obvious reasons of course) is the bane of the amateur monitor. One can increasingly have means of decoding some of the

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current transmission systems only to be presented at the end of the day with a stream of encrypted "gibberish".

But patience and a bit of luck can be it's own reward as Al Dudley found this month. Below are four samples from those supplied indicating the user on 16720/usb was the Mexican Navy using Mil Std 188-110 serial tone as the data mode.

[1]-----

```

22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3
2 1 0
DATA RATE 1200 LONG INTERLEAVER
          AC          RADIOGRAMA.
-----"B-----c5-----
NRO.D; 2 MEXICO D.F., A 30 DE JUNIO DE%KP. 1 DE JULIO DEL 2004
CK. 70FW FHD 011600 UTC VHJS

```

"OG?RDINARIO"

```

ACCISN.          hu          INFORMACISN.
FLODE)f$SGO          NAVTU*5(X, FUERNAVGO.
F-213. "VICTORIA"+y,.

```

```

OFLMAY. DIGEREHUM. DIGACoj0PER.DIR.JUSNAV.- 1772 .-006968 Mo4.-
PERMITOME
INFORMAR AYER PRESn8 ENTOSE EXPRESADA C. 3/ER. MTRE.< SIA. ELTA.
ENRIQUE
LOPEZ LUIS,P@ MISMO COMPARECIO DIA DE HOY ANTQD E AUTORIDAD JUDICIAL
MILI-
TAR,rH LLEVANDOSE A CABO DILIGENCIA SISL N NOVEDAD.- 301300.-
CAP.FRAG.SJntP .
LD. DTOR.

```

[2]-----

```

22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3
2 1 0
DATA RATE 1200 LONG INTERLEAVER
####0123456789:00Z 7PN RX2-0111

```

```

ACCION.@[
ARM. "VICTORIA" F- 213.

```

```

F!NLODESGO S-4.- 1340/04.-
CONSIDERANDO EXPERIENCIA OBTENIDA EN PRC% OCESO INSPECCISN POR PERSONAL$. INSTRUCTORES Y CURSANTES EFEE! CTUS "PRIMER CURSO INSPECTOR DE f4 CALDERAS", AGRADECERI ELABORAR'% INFORME RELATIVO "PRUEBAS Y TRAH&TA- MIENTO AGUA ALIMENTACISN !$ DE CALDERAS", DESGLOSANDO SIGJ( UIENTES ASPECTOS:-

```

- 1.- PERSOk, NAL ESPECIALISTA O DE OTROS CUER)0 POS QUE EFECTZA PRUEBAS Y TRATAM34 MIENTOS, INDICANDO JERARQUMA, DAD, TIEMPO CO(< OMISIONADO DEPARTAMENTO EFECTZp@@ A PRUEBAS, NIVEL DE CAPACIDAD 1D Y ADIESTRAMIENTO.
- 2.- MANURH AL / PUBLICACISN DE REFERENCIA.
- 3.- PRUEBAS QUE REALIZA EN P SISTEMAS Y EQUIPOS, ASM COMO PERUBT IODICIDAD.
- 4.- REACTIVOS QUVX E APLICA.
- 5.- COMPUESTOS QUw\ E APLICA.
- 6.- PRINCIPALES M` ATERIALES Y CRISTALERMA DE APOYOGd QUE EMPLEA.
- 7.- PRINCIPALEzh S EQUIPOS Y ACCESORIOS E INSTRUM{;| ENTOS QUE EMPLEA.
- 8.- CONTR\p OLES Y REGISTROS QUE SE LLEVAN.

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}/t 9.- PROCEDIMIENTOS Y CONDICIONES | @@@@
[EOM]

[3]-----

3:19:47 PM 7/1/04 1 0
 3:20:25 PM 7/1/04 DATA RATE 2400 SHORT INTERLEAVE
 3:20:25 PM 7/1/04 #####0123456789SUBSECRETARIA DE MARINA.DIRECCION
 GENERAL DE INVESTIGACION Y DESARROLLO.DIR. GRAL. ADJ. DE OCB}
 EANOGRAFIA, HIDROGRAFIA Y METEOROLOGIA.DIRECCION DE METEOROLOGIA
 MARITIMA.CENTRO DE ANALISIS Y PRONOSTICO METEOROLOGICO MARITIMO
 MO.011000 HRS. "R" JULIO (011500 "Z") JULIO DEL 2004.PRONOSTICO
 METEOROLOGICO MARITIMO CON VAL) IDEZ PARA 12 HORAS GOLFO DE PANAMA
 MA.INFORMACION GENERAL DE LAS 0+, 9:00 HORAS "R" (011400 "Z")
 LUGAR.TEMP. AMB.HUM. REL. DIR. VMQ4TO.VEL. VTO. NUDOS.ALT. OLANOS
 UBOSIDADPRESION TOCUMEN, PANAMA< A.260 C100%CALMACALMA-----]@-----
 NUBLADO1012 MBSINOPqBDSIS: FUERTE ACTIVIDAD CONVECTIVA2%H SOBRE COSTA
 RICA Y PANAMA SE ASOCIADA A LA ZONA INTERTROPICAL DE TIPO CONVERGENCIA,
 OCASIONA NUBLADOS U%=9b1UY%M"j=IM2UIQYX ES SOBRE PANAMA. LOS VIENTOS SOB
 RE EL GOLFO DE PANAMA SON DEL OESTE Y SUROESTE DE 10 A 15 NUDOS Yd CON
 RACHAS DE 20 Y OLAS DE 6 PIES S.PRONOSTICO: CONTINUARA FUERTE
 ACTIVIDAD CONVECTIVA ASOCIADA < p A LA ZONA INTERTROPICAL DE CONVE
 RGENCIA Y AL PASO DE ONDAS TROPICALES SOBRE CENTROAMERICA, ESTAR_
 @S4K
 3:20:31 PM 7/1/04 [EOM]

[4]-----

3:20:31 PM 7/1/04 1 0
 3:20:34 PM 7/1/04 DATA RATE 2400 SHORT INTERLEAVE
 3:20:34 PM 7/1/04 #####0123456789A.260 C100%CALMACALMA-----[CON RACHAS
 DE 20 Y OLAS DE 6 PIES S.PRONOSTICO: CONTINUARA FUERTE
 CONVECTIVA ASOCIADA p A LA ZONA INTERTROPICAL DE CONVECTIVA
 RGENCIA Y AL PASO DE ONDAS TROPICALES SOBRE CENTROAMERICA, ESTAR%
 NUBLADOS CON LLUVIAS DE MODERADAS A FUERTES SOBRE CITADA REGION. LOS
 VIENTOS SERAN DEL OESTE Y SUROESTE DE 15 A 20
 3:20:36 PM 7/1/04 0 NUDOS OLAS DE 6 A 8 PIES.FUEK}NTES: MODELOS
 NUMERICOS NOGAPS, * GFS, COAMPS, WW3, NGM, MM5, SEAWM INDS SCATTEROMETER
 Y ESTACION RECEPTORA DE IMAGENES DE SATELITE o2 DE LA SECRETARIA DE
 MARINA.NOTAS: EL PROXIMO PRONOSTICO SE EMITIRA A LAS 22:00 HRS.
 "R" DE HOY, Y SE DEPOSITARA EN LA RED DE MASORINA6 CON EL NOMBRE DE
 GALEANA22T4 10.txt. ASI MISMO, SE ENCUENTRA 5*8 DEPOSITADA LA IMAGEN DE
 SATELITEV* < CON EL NOMBRE DE SATGALEANA0110w@ .gif ELABORO: TTE. FRAG.
 I.MXD .P. EMM. JOSE ALONSO CRUZ RAMIREY'H Z.CAPITAN DE FRAGATA C.
 G.D:YLIRECTOR DE METEOROLOGIA MARITIMA{8P .JUAN M. AGUILAR
 MORALES.(B-11\T 63788) +X@@@@@
 3:20:39 PM 7/1/04 [EOM]

Al also notes that " there was always CW trans in between the VOICE & 188-110 SERIAL transmission on the 16720 USB freq.

7-3-04 2304z 16720.0 USB CW DTCZX DTCZX

mteett degitd~zydtcx dtcx de dtbae dtio titbrdti dtteerdt iok

Thanks for the input Al.

>>....Special.....>

::: Controlling RF/IF gain

Al Dudley asked some questions re these controls on the receiver then on receipt of various replies and "Since some people have emailed for help & info re this subject I have included an excellent post sent to me".

"RF gain is generally the term used by all receiver manufacturers used to adjust receive sensitivity.

From a technical view, RF gain should only adjust the gain of the first stage. That is, where the RF from the antenna is amplified or mixed with a local oscillator. This is beneficial because given a VERY strong signal at the front end (1st stage), the radio can overload and have harmonics generated inside which cause all sorts of nonlinearities to occur.

Birdies, distortion, poor S/N ratios are a few examples. So if the signal you're hearing is 60DB over S9, then RF gain would help eliminate the overload. Again, RF gain (from a technical viewpoint of the engineer) is only supposed to affect the first RF stage of the radio. In actual practice, both RF and IF gain is tied together in all but the very best receivers.

IF gain follows once the signal is down-converted to a lower frequency that's easier to manage and amplify in the radio. This block, (after the initial RF amp and 1st mixer) is called the IF or "intermediate frequency" stage. It usually consists of several transistor stages all in series. These stages are all tied together so that one DC level will adjust the gain or amplification factor of the entire IF block. So if you have a TRUE IF gain control, you only are adjusting the total gain of the IF block.

Now why would you want two knobs when you could have just one?? Well, most receivers have just the one knob which we fondly know as RF gain. It USUALLY controls both the RF amp in the front end AND the IF block. But some very high class receivers have two separate knobs!

Here's the advantage...

You know that ALL analog amplifiers introduce some hiss or noise to the signal. You as the operator want to run the stages with the most signal in from the antenna with just enough amplification to keep the signal to noise ratio good, yet not so much gain that you over drive the next stage. Ideally, you want to drive the stage at about 75% of saturation. This leaves some headroom for modulation, but also is a nice level where you're not listening to noise.

My National Radio (From 1955) has these two knobs on it. It's extremely useful for CW copy. By running the RF gain wide open and adjusting the IF gain down to where the signal stops overloading, you get the best S/N ratio. For SSB, you want the RF and IF gains to track each other.

RE: "Why would a radio's RF, or IF, gain not work when its AGC is switched off?"

Ok, if you shut off the "Automatic Gain Control", you in effect disconnect the RF and IF stages from the DC generated at the detector. This DC level is directly related to how strong the signal is. This AGC (DC voltage) is used to automatically ride the gain of all the stages. It keeps them at an optimum level. You usually have a fast/slow switch. This changes the response timing of the AGC line to more accurately follow the signal level. You can disconnect the AGC line and force the RF gain control to "lock" the total gain of the stages. This causes a very linear receiver at the expense of possible overload should a strong signal come over the air. You must constantly adjust the RF gain knob to compensate. It's like driving a stick shift or automatic transmission. The stick will get you around the track much faster and is more responsive ONLY IF YOU KNOW HOW TO PROPERLY USE IT. Most operators let the radio adjust the AGC, but those with experience can tweak the last drop out in manual mode.

I hope that answers your question. I know it's a bit confusing. If you look at a block diagram for any good receiver you'll see the stages and get the idea."

Thanks for that input Al, and to your correspondent.

>>....Techi Tips.....>

::: Level checking

Thanks to Mike Richards (UK's Shortwave Magazine's DECODE editor) for the pointer in last month's edition. The pointer is to the URL:
www.darkwood.demon.co.uk

This permits one to instal a level meter (PPM.exe) and therefore keep tabs on the level one is presenting to the decoder. Overloading of said decoder causes distortion of the input and corrupted output if one is not careful. Useful where the recording/decoding device hasn't a built-in level indication.

Under windows XP this will operate quite happily whilst also running another (Recording) application using the same soundcard simultaneously.

But (there's always a but) on operating systems PRIOR TO XP this is not possible (refer DR Dec01 - "Soundcard based applications" for background comments). Here there are two possibilities.

- a. Open the meter application and set the input level to that required. Close this application and open the decoder.
- b. The URL: however does show a way round this problem and points to another site www.ntonyx.com/wclone.htm where details are available for downloading an application called wave Clone 1.03

Note that the level meter is Shareware (a small unspecified donation is requested if used) but wave Clone 1.03 is commercial and costs \$US 29.

>>....Unid.....>

::: 18115.5 mystery

A few weeks ago there was some posting re an UNID signal on 18115.5/usb. Some, but not all, of the answers gleaned from a couple of sources.

The signal was not serial tone PSK so not ARINC's HF DL Spec 635.

Leif (to whom thanks) advises "54 parallel tones with approx 37.5Hz tone spacing and an unmodulated pilot at around +2787 Hz".

The suppressed carrier is more likely to be on 18115 kHz. This places the tones between 745(maybe 748)-2745(maybe 2748) which is more likely to be correct in relation to a professional system where greater rx IF bandwidth will allow 2787 thru easily.

Whereas if the suppressed carrier is 18115.5 then the low tone would be at 245Hz - never seen a multitone/channel professional system with tones that low - (lowest known is pilot of 394Hz on the Mil.Std 188-110B 39 tone parallel system).

Local radio amateur Intruder watch via their contacts with national monitoring establishments have determined via DFing that the station was radiating from the Canaries. The station has since ceased radiating. The answer to the who question has not been revealed to we mortals.

>>....Signoff.....>

Have a good month's listening. See you again in a few weeks
Regards Day

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WUN Government and Military Frequency/Designation List
Compiled by Larry Van Horn, N5FPW
Brasstown, NC USA, larry@grove-ent.com
=====

Since I had several comments via email that folks loved having the old format back, I will remain with this format in the interim. The old column format was getting to be huge pain. This month I have added frequencies of the Australian Customs Service. Thanks to John Volpato.

2004 Contributors: Jeff Haverlah, Ron Perron, and John Volpato.

=====
Government and Military Systems
Frequency/Channel/Designators List
=====

Last Revision: 26 July 2004

Legend:

MF = Moved From (freq in MHz)
RTTY = Radioteletype
US = United States
USB = Upper Sideband

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UNITED STATES MILITARY LISTINGS

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*Department of Defense Joints Chief of Staff Nets
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High Frequency Global Communications System (HF-GCS)
=====

The U.S. Air Force High Frequency (HF) Global Communications System (HF-GCS) is a worldwide network that currently consist of 15 high-power HF stations which provide air/ground HF command and control radio communications between all Department of Defense (DoD) ground agencies, aircraft and ships. Allied military and other aircraft are also provided support in accordance with agreements and international protocols as appropriate. The HF-GCS is not dedicated to any service or command, but supports all authorized users on a traffic precedence basis.

On Jun 1, 1992, the former Global HF System (GHFS) was created by consolidating other U.S. Air Force (USAF) and U.S. Navy (USN) HF networks, including the USAF Global Command and Control System (GCCS), the Navy's Ship-to-Shore High Command (HICOM) network, and the dedicated Strategic Air Command (SAC) Giant Talk System. The goal of the merger was to develop one worldwide non-dedicated HF network capable of providing Command and Control (C2) HF communications support to all authorized DoD aircraft and ground stations. As of 1 October 2002, the former GHFS network is now known as the HF Global Communications System (HF-GCS).

The old high power HF equipment being utilized within the HF-GCS has now been replaced with "Scope Command" equipment. Scope Command incorporates Automatic Link Establishment (ALE) technology for use over HF. Scope Command is not the name for this network as some have indicated in the past post to the WUN and other newsgroups. It is the name of the equipment upgrade being done to the network. In January 2003, all HF-GCS station transmit and receive equipment is remotely controlled from the Centralized Net Control Station (CNCS) at Andrews AFB, Maryland.

This ALE technology automates many of the functions performed by the operator such as selecting the best propagating frequency from

a list of authorized frequencies.

Net Procedures

General Calling - Aircrews use a preliminary call as outlined in ACP-121 US Supp 2 using the collective callsign "MAINSAIL" or the HF-GCS station call sign (example: Sigonella Global this is Dark 86 on 11175, OVER). HF-GCS operators require approximately 10 seconds (for automated equipment configuration) to respond to calls for service. The HF-GCS operator may request the aircraft change to a discrete frequency for improved and/or extended service.

Phone Patch Service - Phone patching allows direct voice communications between ground agencies and aircraft by electronically connecting telephone circuits to radio transmitters and receivers. Phone patch service is reserved for official unclassified business only and shouldn't exceed five minutes. Patches of more than five minutes or of a sensitive nature should be run on a discrete frequency. Aircrews requesting a phone patch must include all information necessary for HF-GCS operators to complete the call, such as the identity or location of the called parties and telephone number if known. Phone patches are monitored by HF-GCS operators and if radio reception isn't of sufficient quality to complete the patch, they will attempt to copy the traffic and relay it to addressees.

Message Relay Service - HF-GCS operators transcribe encoded or plain-text messages for aircraft or ground stations and forward them to the addresses by radio or landline. The text of the messages can be in the form of alphanumerics, code words, plain text, acronyms, and/or numerical sequences. Aircrews may use "READ BACK" procedures when the message data is critical, or when an incomplete transmission is suspected due to poor radio reception. All messages received by Global stations will be accepted and delivered by the fastest means available according to precedence and priority.

Published Frequency Listing - HF-GCS stations operate on "core" frequencies to provide increased "Global" coverage. The published frequency listing does not reflect complete system frequency authorizations. These published frequencies will be used for initial contact, EAM broadcasts, and short term C2 phone patch and message delivery. Other extended or special services will be moved to each station's available "discrete" frequencies. Any and all known discrete frequencies for these stations have been incorporated below in the HF-GCS station listings.

Frequency Guide - The frequency guide below is used by units contacting this net and is designed to optimize their air/ground communications.

Primary HF-GCS Frequencies - 24 hours	8992.0	11175.0
Back up HF-GCS Frequencies - DAY	13200.0	15016.0
Back up HF-GCS Frequencies - NIGHT	4724.0	6739.0

Commonly heard callsigns

BRICKWALL	Osan Air Mobility Control Center (AMCC)
DENALI	Elmendorf Air Mobility Control Center (AMCC)
HILDA GLOBAL	Tanker Airlift Control Center Scott AFB
TRACKER	US Air Force Europe Tanker Recce Airlift Control Center (UTRACC)

MAINSAIL Authorized users may contact and request service from Global HF System stations by using the general net air-ground call sign "MAINSAIL". Any Global station hearing the call "MAINSAIL" will respond and provide the requested service.

S4JG A universal Navy call sign assigned to Patrol Squadrons (VP) for use in radio checks. Instead of using the briefed, tactical call sign, the Navigation/Communications operator on the P-3C Orion aircraft would use S4JG on voice and also teletype to get a communications check with a Tactical Support Center (TSC), HF-GCS station or Anti-Submarine Warfare (ASW) Operations Center (ASWOC). In theory by using S4JG, the

tactical call sign is less likely to be compromised.

SKYBIRD The collective call sign for all U.S. Strategic Command (USSTRATCOM) command posts, launch control centers, Global HF stations, Air Traffic Control (ATC) towers on Air Combat Command (ACC)/Air Mobility Command (AMC) host tenant bases, Single Sideband (SSB) HF radio stations, and air defense sites in Canada.

SKYKING The collective call sign for all Single Integrated Operational Plan (SIOP) committed aircraft and missile crews. Its meaning is "all SIOP committed aircraft and missile crews copy the following message."

SKYMASTER The collective callsign to all USSTRATCOM airborne command post.

The current station list for the HC-GCS net is as follows:

Andersen Air Base (AB), Guam (Voice call Guam Global)
 Summer: 4724.0 (1300-2000Z) 6739.0 (1100-2000Z) 13200.0 (2000-1300Z)
 15016.0 (2000-1100Z)
 Winter: 4724.0 (1200-2030Z) 6739.0 (1000-2030Z) 13200.0 (2030-1200Z)
 15016.0 (2030-1000Z)
 Year round/24 hours: 8992.0 11175.0

Andrews AFB, Maryland (Voice call Andrews Global) HC-GCS CNCS
 Summer: 4724.0 (0430-0930Z) 6712.0 (0230-0930Z) 13200.0 (0930-0230Z)
 15016.0 (0930-0230Z)
 Winter: 4724.0 (0200-1230Z) 6712.0 (2400-1230Z) 13200.0 (1230-0200Z)
 15016.0 (1230-2400Z)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 8058.0 11053.0 11159.0 11181.0 11214.0 11220.0
 13960.0 14863.0 18015.0

Ascension Island (Voice call Ascension Global)
 Year round: 4724.0 (2400-0700Z) 6739.0 (1900-2400Z) 8992.0 (24 hrs)
 11175.0 (24 hrs) 15016.0 (0700-1900Z)
 Discrete Frequencies: 9043.0 11159.0 11226.0 14497.0

Croughton AB, United Kingdom (Voice call Croughton Global)
 Summer: 4724.0 (2230-0400Z) 6712.0 (2230-0400Z) 13200.0 (0400-2230Z)
 15016.0 (0400-2230Z)
 Winter: 4724.0 (1800-0800Z) 6712.0 (1800-0800Z) 13200.0 (0800-1800Z)
 15016.0 (0800-1800Z)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 4894.0 5708.0 5117.0 6728.0 6731.0 6993.0
 7567.0 7933.0 8032.0 9025.0 10648.0 11118.0 11129.0 11180.0
 11181.0 11220.0 11226.0 11232.0 11271.0 13822.0 15042.0 15091.0

Diego Garcia Naval Station, Indian Ocean (Voice call Diego Garcia Global)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 9012.0 11181.0 11226.0 11244.0 11269.0 13254.0
 15095.0 20910.0

Elmendorf AFB, Alaska (Voice call Elmendorf Global)
 Summer: 4724.0 (1000-1300Z) 6739.0 (0800-1400Z) 13200.0 (1300-1000Z)
 15016.0 (1400-0800Z)
 Winter: 4724.0 (0230-1900Z) 6739.0 (0030-2130Z) 13200.0 (1900-0230Z)
 15016.0 (2130-0030Z)
 Year Round/24 hours: 8992.0 11175.0

Hickam AFB, Hawaii (Voice call Hickam Global)
 Summer: 4724.0 (1000-1600Z) 6739.0 (0500-1000Z) 15016.0 (1600-0500Z)
 Winter: 4724.0 (0800-1700Z) 6739.0 (0400-0800Z) 15016.0 (1700-0400Z)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 11181.0 13242.0

Keflavik NAS, Iceland
 Summer: 4724 (2200-0530Z) 6739.0 (2200-0730Z) 13200.0 (0530-2200Z)

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15016.0 (0730-2200Z)
 Winter: 4724.0 (2000-0800Z) 6739.0 (2000-1000Z) 13200.0 (0800-2000Z)
 15016.0 (1000-2000Z)
 Year round/24 hours: 8992.0 11175.0

Lajes AB, Azores (Voice call Lajes Global)
 Summer: 4724.0 (2230-0400Z) 15016.0 (0400-2230Z)
 Winter: 4724.0 (1800-0800Z) 15016.0 (0800-1800Z)
 Year round/24 hours: 8992.0 11175.0 13200.0
 Discrete Frequencies: 11220.0 13440.0 14896.0 23265.0

McClellan, California (Voice call McClellan Global)
 Summer: 4724.0 (0730-1300Z) 6739.0 (0530-1300Z) 13200.0 (1300-0730Z)
 15016.0 (1300-0530Z)
 Winter: 4724.0 (0500-1530Z) 6739.0 (0300-1530Z) 13200.0 (1530-0500Z)
 15016.0 (1530-0300Z)
 Year round/24 hours: 8992.0 11175.0

Offutt AFB, Nebraska (Voice call Offutt Global)
 Summer: 4724.0 (0600-1100Z) 6739.0 (0400-1100Z) 13200.0 (1100-0600Z)
 15016.0 (1100-0400Z)
 Winter: 4724.0 (0300-1400Z) 6739.0 (0100-1400Z) 13200.0 (1400-0300Z)
 15016.0 (1400-0100Z)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequency: 10589.0 11053.0 11159.0 11181.0 12087.0

Salinas, Puerto Rico (Voice call Puerto Rico Global)
 Summer: 4724.0 (0300-1000Z) 6739.0 (0100-1000Z) 13200.0 (1000-0300Z)
 15016.0 (1000-0100Z)
 Winter: 4724.0 (0200-1100Z) 6739.0 (2400-1100Z) 13200.0 (1100-0200Z)
 15016.0 (1100-2400Z)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 7690.0 9006.0 10648.0 11056.0 11220.0 11484.0
 15087.0

Sigonella Naval Station, Sicily, Italy (Voice call Sigonella Global)
 Summer: 4724.0 (2230-0400Z) 15016.0 (0400-2230Z)
 Winter: 4724.0 (1800-0800Z) 15016.0 (0800-1800Z)
 Year round/24 hours: 6739.0 8992.0 11175.0 13200.0

Thule AB, Greenland (Voice call Thule Global)
 Year round/24 hours: 8992.0 11175.0 13200.0 15016.0
 Discrete: 11181.0 13215.0

Yokota AB, Japan (Voice call Yokota Global)
 Summer: 4724.0 (1200-1930Z) 6739.0 (1000-2130Z) 13200.0 (1930-1200Z)
 15016.0 (2130-1000Z)
 Winter: 4724.0 (0930-2200Z) 6739.0 (0730-2400Z) 13200.0 (2200-0930Z)
 15016.0 (2400-0730Z)
 Year round/24 hours: 8992.0 11175.0

Notes:

1. Summer schedules run from April-September. Winter schedules run from October-March
2. The Air Force Eastern Test Range (AFETR) HF Network may be used as a backup to GLOBAL. The net can be contacted on USB 10780.0 (primary) and 20390.0 kHz (secondary) using the call sign of CAPE RADIO. Another backup to the HF-GCS is profiled below in the US Air Force MARS section.

DOD Emergency Action Message (EAM) Broadcast Time Slots

These broadcast are commonly heard on HF-GCS primary frequencies plus 11244.0 kHz. Please note that not all HF-GCS published frequencies are active for every EAM broadcast time slot listed below. Also some of the activity listed below is not on HF-GCS published frequencies, but on other selected discrete frequencies.

For an in-depth discussion on what an EAM is, see the utility information file on the WUN website at URL: <http://www.wunclub.com/files/eam.html>

Current as of 24 June 2004

H+00 HF-GCS Offutt AFB, Nebraska
 H+05 HF-GCS Andersen AB, Guam
 HF-GCS Croughton AB, United Kingdom
 H+07 U.S. Navy E-6 TACAMO (Take Charge and Move Out) Atlantic (LANT) aircraft (6697.0/13155.0 kHz)
 H+08 U.S. Navy E-6 TACAMO aircraft HF-GCS six character EAMS "FOR..."
 H+09 HF-GCS McClellan AFB, California
 H+14 U.S. Navy E-6 TACAMO Pacific (PAC) aircraft (6697.0/13155.0 kHz)
 H+20 HF-GCS Salinas, Puerto Rico
 H+21 HF-GCS Elmendorf AFB, Alaska
 H+25 USSTRATCOM Looking Glass mission aircraft
 H+29 HF-GCS Sigonella Naval Station, Sicily
 H+30 HF-GCS Andrews AFB, Maryland
 H+34 HF-GCS Hickam AFB, Hawaii
 H+35 HF-GCS Croughton AB, United Kingdom
 H+37 U.S. Navy E-6 TACAMO LANT aircraft (6697.0/13155.0 kHz)
 H+38 U.S. Navy E-6 TACAMO aircraft HF-GCS six character EAMS "FOR..."
 H+40 HF-GCS Elmendorf AFB, Alaska
 H+44 U.S. Navy E-6 TACAMO PAC aircraft (6697.0/13155.0 kHz)
 H+46 Unknown station
 H+49 HF-GCS McClellan AFB, California
 H+50 HF-GCS Lajes AB, Azores
 H+55 USSTRATCOM Looking Glass mission aircraft
 H+59 HF-GCS Sigonella Naval Station, Sicily

Earlier examples of this broadcast schedule can be seen in the various 1980s editions of the Grove Shortwave Directories (usually on page 5 for those that still have them) - Those minutestamps were also used for the then common "standing by for traffic" calls heard from the various GIANT TALK ground stations operating under their pre-92 daily changing callsign aliases.]

The FOXTROT (SKYKING) messages are also common, or at least they used to be. You should generally hear more than two over any 24 hour period. Of interest, the preface to the FOXTROT broadcasts that would name the echoing ground stations have not been heard (here) since maybe sometime in April 2003 (around the end of major combat in Iraq.) I've heard no instance of a request to DIEGO GARCIA or THULE or anyone else since around that time, just the occasional FOXTROT broadcast from ANDREWS or whoever. They dropped the DECENT, ENLIST, FAIRLY, EYESTRAIN, DEFROSTER echo requests sometime around Sept 2001 (maybe) to be replaced with plaintext station names (THULE; DIEGO GARCIA; CYPRUS FLIGHT WATCH) after 9/11, and now since around April 2003 maybe nothing.

Busiest frequencies are 8992.0 ("Eight-Niner") and 11175.0 ("Triple-1"), which most stations guard around the clock. The others operate on a schedule which changes twice yearly, on the first of April and October. The upper sideband (USB) mode is used on all HF-GCS frequencies listed above.

Note: The data signal you will on 9025.0 kHz is ALE which is a computerized system that simplifies HF operation (see section below). Older frequency circulated on the internet continue to list 8968.0 and 17976.0 kHz, but these were removed from HF-GCS service over three years ago.

Scope Command HF ALE Network

=====

The ALE system used by the JCS HF-GCS network is designated MIL-STD-188-141A. You can download a software program developed by Charles Brain to decode these digital transmissions at the following URL:
<http://www.chbrain.dircon.co.uk/>.

ALE allows automated ground agency contact by selecting the best station and best frequency without operator interaction. ALE radios make this possible by using a datafill that contains frequency, station and other

WUN-v10

pertinent information. For ALE radios to operate properly, the radio must have a loaded datafill, be turned on in the "automatic" mode and remain there the duration of the flight. If the radio is removed from the ALE mode, history tables will require time to rebuild and initial communications may be slightly degraded.

Frequencies used in this net include:

2805.0 3059.0 3137.0* 4721.0* 5708.0* 6715.0 6721.0* 7632.0*
 8965.0 9025.0* 9057.0 11226.0* 11250.0 13215.0* 15043.0*
 18003.0* 20631.0 23337.0 27870.0

* indicates active Scope Command ALE traffic.

Net participating stations, identifiers and specific frequency assignments used in the HF-GCS ALE net:

Andrews AFB, MD USA ADW 3137 4721 5708 6721 9025 11226 13215
 15043 18003 23337
 Ascension Island HAW 3137 4721 6721 9025 11226 13215 15043
 18003 23337
 RAF Croughton, UK CRO 3137 4721 6721 9025 11226 13215 15043
 18003 23337
 NSF Diego Garcia JDG 3137 4721 5708 6721 9025 11226 13215
 15043 18003 23337
 Elmendorf AFB, AK USA AED 3137 4721 5708 6721 9025 11226 13215
 15043 18003 23337
 Andersen AFB, Guam GUA 3137 4721 5708 6721 9025 11226 13215
 15043 18003 23337
 Hickam AFB, Hawaii HIK 3137 4721 6721 9025 11226 13215 15043
 18003 23337
 NAS Keflavik, Iceland IKF 3137 4721 5708 6721 9025 11226 13215
 15043 18003 23337
 Lajes AB, Azores PLA 3137 4721 5708 6721 9025 11226 13215
 15043 18003 23337
 McClellan, CA USA MCC 3137 4721 5708 6721 9025 11226 13215
 15043 18003 23337
 Offutt AFB, NE USA OFF 3137 4721 5708 6721 9025 11226 13215
 15043 18003 23337
 Salinas, PR JNR 3137 4721 5708 6721 9025 11226 13215
 15043 18003 23337
 Sigonella, Sicily Italy ICZ 3137 4721 5708 6721 9025 11226 13215
 15043 18003
 RAF Port Stanley, Falkland Island
 (South Atlantic) MPA 3137 4721 5708 6721 9025 11226 13215
 15043 18003 23337
 Yokota AB, Japan JTY 3137 4721 6721 9025 11226 13215 15043
 18003

Some non HF-GCS stations observed in this net:

CEF 439AW, Westover AFB, MA
 GVT Raytheon, Greenville, TX
 OKC Oklahpma City (Tinker AFB), OK
 RIC CAP Region 2 MER/CAP National Technology Center, Richmond, VA
 RSC Rockwell Scope Command Facility, Greenville, TX
 TAG Incirlik AB, Turkey (HF-GCS Facility Closed)
 WRL Warner-Robins AFB, GA

Preset telephone number codes imbedded in Scope Command ALE command lines:

PCHS Charleston Command Post
 PDOV Dover AMCC
 PERT Rota
 PMET Hilda Metro
 PPLA Lajes AB
 PTAE Hilda East
 PTAR Ramstein AB
 PTAW Hilda West
 PWRI McGuire AFB

NIPR/SIPR HF ALE Network

=====

Courtesy of Ron Perron

SIPR (Secret Internet Protocol Router) Network Frequencies

5702.0 6715.0 8968.0 11181.0 17976.0 27870.0

SIPR Gateways/Frequency Matrix:

ADWSPR	Andrews AFB, Maryland	5702.0	6715.0	8968.0	11181.0	17976.0	27870.0
CROSPR	Croughton AB, United Kingdom	5702.0	6715.0	8968.0	11181.0	17976.0	27870.0
HAWSPR	Ascension Island	8965.0	11181.0	17976.0			
ICZSPR	Sigonella AB, Sicily, Italy	5702.0	6715.0	8968.0	11181.0	17976.0	
IKFSPR	NS/NAS Keflavik, Iceland	11181.0	17976.0				
JDGSPR	Diego Garcia, Indian Ocean	11181.0	27870.0				
JNRSRPR	Salinas, Puerto Rico	6715.0	8968.0	11181.0	17976.0		
MCCSPR	McClellan, California	5702.0	6715.0	11181.0			
OFFSPR	Offutt AFB, Nebraska	5702.0	6715.0	8968.0	11181.0	17976.0	
PLASPR	Lajes AB, Azores	5702.0	6715.0				

Other Stations

RIC 4721.0 5702.0 5708.0 6721.0
 WRL 5708.0 6721.0
 DVL 5708.0

Editors Note: I do not believe that the three addresses listed above are part of the SIPR net. I think they are part of another USAF point-to-point net that share some of the SIPR frequencies-LVH.

NIPR (Non-Secure Internet Protocol Router) Network Frequencies

3068.0 4745.0 5684.0 8965.0 11199.0 13242.0 17973.0 20631.0

NIPR Gateways/Frequency Matrix:

ADWNPR	Andrews AFB, Maryland	3068.0	4745.0	8965.0	11199.0	13242.0	17973.0	20631.0
CRONPR	Croughton AB, United Kingdom	17973.0						
MCCNPR	McClellan, California	5684.0	8965.0	13242.0	17973.0			
OFFNPR	Offutt AFB, Nebraska	5684.0	8965.0	11199.0	13242.0	17973.0	20631.0	

MYSTIC STAR Network

=====

This is a worldwide communications system, operated and maintained by elements of the United States Army, United States Navy, and United States Air Force under the control of the Defense Information Systems Agency (DISA) Operations Center. Its network provides worldwide communications by directly controlling radio equipment located at Global HF system stations. It consists of ultra high frequency satellite and HF networks supporting Presidential, special air, commanders-in-chief, Joint Staff, very important persons, and command airborne missions. The Mystic Star HF network consists of: a single master net control station (MNCS) located at Andrews AFB Maryland, interstation and intersite circuits, and relay and auxiliary communications subsystems. (Source Air Force Instruction 33-106)

F003 8036.0 (1) F005 9120.0 (3) F007 4850.0

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F009 17972.0 F020 16117.0 (1) F033 15962.0
 F039 10881.0 F046 13823.0 F054 8058.0 (9)
 F058 4742.0 (6) F061 23265.0 (2) F063 14870.0
 F064 11214.0 (3) F066 15036.0 F077 Unknown
 F078 18532.0 F080 15677.0 F084 13205.5
 F085 6993.0 F086 9461.0 F089 13204.0 (1)
 F090 6716.0 F094 9017.0 (2) F098 14585.0
 F099 13247.0 (0) F101 12106.0 (6) F102 11118.0 (2)
 F103 11488.0 (6) F107 Unknown (8) F108 7316.0
 F114 6986.0 (6) F117 6993.0 (8) F124 11217.0 (6)
 F126 12087.0 (2) F128 23242.0 F134 4942.5
 F136 5429.5 (7) F146 9027.0 (1) F153 8063.0 (6)
 F171 18403.5 (9) F173 14420.5 F174 20650.0
 F182 3078.0 (6) F184 10648.0 (8) F186 3046.0
 F194 13825.0 (5) F195 20631.0 F197 4982.0 (6)
 F202 16014.0 (5) F204 12057.0 F211 11056.0 (7)
 F213 Unknown F220 11181.0 F226 5435.5 (6)
 F228 7735.0 (5) F229 Unknown (8) F236 15041.0 (9)
 F240 Unknown (8) F243 18590.0 F248 5398.0 (5)
 F249 4731.0 F250 15091.0 (2) F251 13217.0 (1)
 F262 10717.0 F264 7693.0 (6) F265 15733.0 (1)
 F266 7997.0 (6) F267 6730.0 (2) F268 7325.0 (2)
 F271 18320.0 F277 11153.0 (1) F287 11226.0 (2)
 F290 8026.0 (2) F291 13960.0 (1) F292 9414.5
 F295 11460.0 (3) F300 15707.0 (0) F301 7500.5 (2)
 F302 Unknown F310 Unknown F311 11220.0 (3)
 F322 Unknown F326 14864.0 F327 18716.0
 F337 18761.0 F341 16083.0 F350 5043.0
 F351 Unknown (9) F354 11053.0 (2) F356 7827.0
 F360 7919.5 (8) F363 15018.0 (7) F365 11059.0 (1)
 F369 20397.0 (8) F370 17177.0 F372 16123.0 (8)
 F380 3144.0 (5) F382 15094.0 (6) F395 9057.0 (1)
 F400 6728.0 (5) F404 7690.0 (2) F405 6972.0
 F406 18393.0 (6) F417 4992.0 F419 11407.0 (5)
 F420 7933.0 (7) F432 6731.0 (8) F433 20972.0
 F435 3821.0 F437 5684.0 (6) F441 17440.0 (1)
 F444 19267.0 F448 16-18 MHz F451 13248.0 (9)
 F452 5026.0 F453 19063.0 F461 13211.0 (1)
 F463 4610.0 (1) F464 16157.0 F465 8040.0 (0)
 F466 14864.5 (0) F467 9023.0 (3) F476 4-6 MHz
 F481 7605.0 F483 18626.0 F486 5152.0 (9)
 F487 24483.0 F489 5437.0 (7) F496 11059.5 (2)
 F497 5411.0 (7) F498 8032.0 (1) F499 4442.0 (0)
 F500 8989.0 (6) F505 9006.0 (2) F515 Unknown (2)
 F516 4645.0 (6) F517 9270.0 (6) F521 11484.0 (2)
 F522 11232.0 (2) F523 9215.0 (9) F529 8077.0 (7)
 F530 23325.0 F533 18675.0 (6) F538 Unknown
 F540 5404.5 F541 Unknown (2) F542 5431.0 (6)
 F543 8083.0 F545 10580.0 F546 18400.0
 F551 18331.0 (6) F555 4894.0 (6) F561 11052.0 (6)
 F567 13565.0 (6) F569 18387.0 F574 11413.0 (6)
 F575 10427.0 F576 11153.5 (2) F577 10544.0 (7)
 F579 Unk 11 MHz F595 10877.0 F600 13878.0 (6)
 F611 14863.0 F614 4488.8 (8) F616 9320.0 (2)
 F622 5817.0 F623 18317.0 F624 13241.0 (1)
 F626 19343.0 F627 7910.0 (5) F631 18755.0 (5)
 F633 18290.0 (1) F639 7469.0 F642 18218.0 (2)
 F644 15821.0 (5) F646 13440.0 (2) F649 8053.0 (6)
 F655 11053.0 F662 15048.0 (6) F664 15 MHz
 F667 6817.0 (7) F673 3064.0 F677 6 MHz
 F690 3032.0 F700 4490.0 F701 11058.0 (7)
 F702 9323.0 (6) F703 9991.5 (6) F706 8057.0 (5)
 F707 10589.0 (2) F708 23377.0 F709 9317.0 (7)
 F710 4458.0 F713 16246.0 (5) F717 10883.0
 F722 12270.0 (9) F723 18323.0 (6) F728 11236.0 (5)
 F731 6683.0 (1) F732 15011.0 (7) F734 4757.0 (7)
 F736 11494.0 (8) F741 7873.0 F748 6756.0 (5)
 F749 15-16 MHz F752 8047.0 (2) F754 11627.0

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F758 4452.0 (8) F777 3113.0 (6) F778 18023.0 (8)
 F784 9043.0 (6) F785 15687.0 (6) F790 16323.0
 F793 Unknown (0) F800 Unknown (2) F803 5078.0?
 F807 12103.0? F809 5700.0 (5) F814 6989.0 (7)
 F821 Unknown F823 11229.0 (1) F825 19047.0?
 F832 18267.0 F843 Unk 6 MHz F845 6-7 MHz
 F846 13822.0 (5) F853 12 MHz (0) F864 16008.0 (2)
 F867 6830.0 (7) F868 9218.0 (6) F869 16090.0
 F873 13248.0 (7) F874 13246.0? F875 6717.0 (1)
 F877 4721.0 (7) F885 13207.0 (5) F891 11053.5
 F895 5710.0 (9) F904 10202.0 (0) F906 4524.0
 F909 7687.0 (8) F910 19671.0 (9) F912 7330.0
 F915 12107.0 F917 10205.0 (6) F918 13482.0
 F919 11159.0 (2) F920 7927.0 (2) F924 16317.0
 F932 Unknown (2) F933 Unknown F935 7922.5
 F937 Unknown F940 11445.0 (0) F943 19002.0 (6)
 F948 15038.0 (6) F952 Unknown F956 Unknown
 F957 6761.0 (0) F965 11466.0 (2) F974 10586.0 (6)
 F975 Unk 11 MHz F980 15724.0 F982 9,13 MHz
 F987 10583.0 (6) F988 4763.0 F997 15667.0

Frequencies 4441.0, 6671.0, 8260.0, 18801.0 and 25363.0 has been heard carrying "Mystic Star" traffic, but no designator is known. Designator F171 and signals associated with this net have been monitored on 18397.4 vice the 18403.5 we have listed above.

=====
 *United States Strategic Command (USSTRATCOM)
 =====

HF "Zulu" Airborne Command Post Net

=====
 Z100 3068.0 (9) | Z180 9057.0 (3) | Z265 18024.0 (0)
 Z105 3116.0 (2) | Z185 9809.0 (0) | Z270 18027.0 (0)
 Z110 3134.0? (8) | Z190 10204.0 (3) | Z275 18046.0?
 Z115 3143.0 (9) | Z195 Unknown (3) | Z280 18387.0 (2)
 Z120 3295.0 (2) | Z200 11181.0 (3) | Z285 Unknown
 Z124 Unknown | Z205 11494.0 (2) | Z290 19665.0 (9)
 Z125 4495.0 (2) | Z210 11229.0 (3) | Z295 19755.0 (2)
 Z130 4472.0 (8) | Z211 12070.0 (2) | Z300 20167.0 (2)
 Z135 4745.0 (2) | Z215 13242.0 (2) | Z305 20407.0 (9)
 Z140 5026.0 (8) | Z220 13245.0 (2) | Z310 23337.0
 Z145 5705.0 (3) | Z225 13907.0 (1) | Z315 23872.0 (9)
 Z150 5800.0 (2) | Z230 15046.0 (7) | Z320 24828.0?
 Z155 5875.0 (0) | Z235 15094.0 (3) | Z325 24978.0?
 Z160 6715.0 (2) | Z240 15097.0 (0) | Z330 26532.0?
 Z165 6757.0 (2) | Z245 Unknown | Z335 26859.0 (2)
 Z170 7831.0 (2) | Z250 15962.0 (1) | Z340 Unknown
 Z174 Unknown | Z255 17973.0 (0) | Z345 Unknown
 Z175 9016.0 (4) | Z260 18006.0 (0) | Z350 Unknown

NOTES:

- (7) Confirmed 1997
- (8) Confirmed 1998
- (9) Confirmed 1999
- (0) Confirmed 2000
- (1) Confirmed 2001
- (2) Confirmed 2002
- (3) Confirmed 2003

Note: At 1805 UTC on 16 Dec 2003, monitored female op using tac call calling other tac calls IDed frequency as Z-280/Z-230.

Note: A new frequency 7992.0 kHz has been uncovered by WUN member Jeff Haverlah in Texas during monitoring of a STRATCOM exercise on June 25, 2003. The frequency was being used by airborne command post participating in a STRATCOM communications exercise. No designator has been assigned at this time.

Other notes on USSTRATCOM related frequencies from Jeff Haverlah.

11244.0 kHz

1. This frequency is a special HF-GCS discrete that is used by *every* named HF-GCS station for Emergency Action Messages (EAM) and FOXTROT broadcast. In fact, it has been described as the "broadcast" frequency. Stations here do not respond to MAINSAIL general calls on this frequency.
2. This frequency is guarded by the Nightwatch 01 (US Air Force E-4 National Airborne Operations Center or NAOC) station (which uses daily changing callsign aliases) and is paired with 8992.0 kHz.
3. This frequency is used by the apparent USSTRATCOM Looking Glass mission aircraft for daily EAM transmissions at any time, and used for repeat EAM transmissions at H+25/H+55 mostly during North American daylight hours (and at any part of the day during exercises). Paired with 8992.0 kHz. Also guarded by the Glass mission and other U.S. Navy E-6 TACAMO aircraft when active.

Note: The primary mission of the Looking Glass aircraft is the ability to command, control, and communicate with its nuclear forces. Its highly-trained crew and staff ensure there is always an aircraft ready to direct bombers and missiles from the air should ground-based command centers become inoperable. Looking Glass guarantees that U.S. strategic forces will act only in the precise manner dictated by the president. On Oct. 1, 1998 the Navy's E-6B Mercury aircraft replaced the USAF EC-135 in the Looking Glass mission.

4. Used by possible tanker aircraft (maybe on their SIOP mission) passing 4-element groups to "SkyMaster" (NAOC and TACAMO aircraft) during exercises and paired with 8992.0 kHz. The 4-element groups have been called "TID traffic" by SKYMASTER aircraft.
5. Used by other U.S. government stations (i.e. Federal Emergency Management Agency-FEMA, etc) including the static call "Blue Grass" (Mt. Weather, Virginia) as a frequency to pass "Hotel" messages. These messages are passed to each other and to the NAOC aircraft (using an alias separate from that particular day's callsign). This activity is usually during the third week of each month, is not paired with 8992.0 kHz, and many of the station's use callsigns begin with the letter "A" (i.e. Axle Rod, Army Ruler, etc).
6. Units here always identify the frequency as 11244.0 kHz and not with a tactical designator.

6697.0 kHz

1. This frequency is used by the TACAMO aircraft for daily evening/night (North America) EAM transmissions during the following time slots:
 - H+07/H+37 by a TACAMO LANT aircraft
 - H+14/H+44 by a TACAMO PAC aircraft
2. EAMs have been heard at any time during initial broadcast, simulcast on 8992.0, 11244.0 and on the USSTRATCOM Zulu net frequencies above.
3. This frequencies is also used by possible TACAMO aircraft to communicate with trigraph identifier stations during exercises (usually to receive 3-element group traffic from these trigraph stations.)
4. Also is used 24-hours a day by the United Kingdom's station MKL and their trigraphs (many of these thought to be Nimrod aircraft).

13155.0 kHz

1. This frequency is used by the TACAMO aircraft for daily daytime (North America) EAM transmissions during the following time slots:

H+07/H+37 by a TACAMO LANT aircraft

H+14/H+44 by a TACAMO PAC aircraft

2. EAMS have been heard at any time during initial broadcast, simulcast on 8992.0, 11244.0 and on the USSTRATCOM Zulu net frequencies above.

3. The activity on this frequency apparently moved here from 11267.0 kHz a few years ago. 11267.0 now seems to be quiet probably indicating that it is no longer used for this purpose.

Other U.S. Navy frequencies heard recently with EAM broadcasts by Jeff Haverlah and the column editor.

4515.0 4848.0 5680.0 6512.0 6666.0 6686.0 6720.0 6724.0 6778.0
6833.0 6903.0 7501.0 7589.0 8020.0 8971.0 9007.0 9010.0 9036.0
9283.0 10515.5 10805.0 10994.0 11187.0 11255.0 11271.0 13155.0
14698.0 15038.0 15049.0 16117.0

These and other old U.S. Navy HF HICOM (High Command) frequencies have been active in past with heavy EAM traffic. (See HF-GCS section above about the demise of the HICOM network)

=====
*United States Air Force
=====

Special Operations Command (AFSOC)
=====

Air-to-Ground Nets

3044.0 352SOG RAF Mildenhall, United Kingdom Maintenance
3134.0 Hurlburt Field, Florida
4450.0 352SOG RAF Mildenhall, United Kingdom Exercise Operations
5204.5 352SOG RAF Mildenhall, United Kingdom (Blackhat) Primary
5349.0 352SOG RAF Mildenhall, United Kingdom (Blackhat)
5687.0 Hurlburt Field, Florida (Plantation/Seminole Operations)
5732.0 Hurlburt Field, Florida (Emerald Ops/Seminole Operations) FOX 2?
Kirtland AFB, New Mexico
6730.0 Hurlburt Field, Florida
9018.0 AFSOC Air-to-Air
9019.0 Hurlburt Field, Florida (Plantations Operations) FOX 4? ex-9017
9026.0 352SOG RAF Mildenhall, United Kingdom (Blackhat)
9161.5 352SOG RAF Mildenhall, United Kingdom (Blackhat) Primary
11611.0 Hurlburt Field, Florida (Seminole/Emerald Operations)
13206.0 Hurlburt Field, Florida (Plantations Operations) FIX 1? ex-
13207 kHz

I have had no recent reports on 18027.0 (FOX 9) or 23271.0 kHz (FOX 8). Has anyone in the last year heard any AFSOC units using the FOX designators above? Also, the following frequencies were active with AFSOC activity until the overhaul of the OR frequencies several years ago. Does anyone know what frequencies have taken their place? 4721.0 6712.0 9017.0 9023.0 kHz.

RAF Mildenhall, United Kingdom
=====

6761.0 Aerial refueling tankers interplane (worldwide)

Ramstein AB, Germany
=====

6730.0 AMC Command Post (Metaphor)
9022.0 AMC Command Post (Metaphor)

Miscellaneous Listings
=====

11181.0 JStars aircraft discrete

Air Force Military Affiliate Radio System (MARS)
=====

You will also find a considerable amount of military aircraft voice

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traffic (official and unofficial) on the U.S. Air Force Military Affiliate Radio System (MARS) phone patch network frequencies: The primary frequencies are 13927.0 and 20992.0 kHz. These are fun and interesting frequencies to monitor. The complete list with designators are: (mode is USB)

Freq	Designator
4557.0	RK
7633.5	ACJ
13927.0	ACB (Primary)
14606.0	ACF
18617.0	???
20992.5	ACZ

MARS conducts a phone patch admin net on Sundays at 1600 UTC on 13977.0 kHz (ACC). Allan Stern has reported 18617.0 kHz as a new possible discrete for this network.

Civil Air Patrol (CAP) Tech

=====
Information from Ron Perron
Confirmed Frequencies (USB/ALE)

5006.0 6806.0 7602.0 8012.0 9047.0 11402.0 13415.0

Identifiers:

1. Surfing on the CAP web site and reading some of their pubs (Organization, Communications Procedures, CAP Alerting System) I've been able to confirm the following identifiers:

RIC CAP National Technology Center, Richmond VA
022NHQCAP National Ops Center (NOC) CAP Nat'l HQs, Maxwell AFB AL.

According to the CAP Alerting System Communications Actions publication under threat advisories Yellow (present condition), Orange & Red the NOC (Headcap 22) and the NTC (Headcap 33) are responsible for conducting the National Command Net with the NTC acting as alternate net control to the NOC. "Confidence checks" have to be conducted to ensure that the system is ready for any contingency. This probably explains the fairly heavy volume of soundings from 022, 047 & 062 NHQCAP identifiers.

2. Reading these same pubs and looking at the wiring diagram for Hqs, I've made a stab at the following identifiers:

047NHQCAP Possible Director of Communications (DOK), CAP Nat'l HQs, Maxwell AFB AL.
062NHQCAP Possible Director of Operations (DOO), CAP Nat'l HQs, Maxwell AFB AL.
034MERCAP Middle East Region, North Carolina poss Region Chief of Staff

=====
*U.S. Army
=====

U.S. Transportation Command

=====
4146.0 Channel 1
6224.0 Channel 2
6227.0 Channel 3
8294.0 Channel 4
8297.0 Channel 5
12353.0 Channel 6
12359.0 Channel 7
12365.0 Channel 8

Army Corps of Engineers

=====
3345.0 Channel 1

5015.0 Channel 2
 5327.5 Channel 3
 5400.0 Channel 4
 5437.5 Channel 5
 6020.0 Channel 6
 6785.0 Channel 7
 9122.5 Channel 8 Primary
 11693.5 Channel 9
 12070.0 Channel 10 Secondary
 12122.0 Channel 11
 16077.0 Channel 12
 16326.0 Channel 13 Teritiary
 16358.0 Channel 14
 20659.0 Channel 15

18th Airborne Corps HF ALE Net

=====
 Courtesy of Ron Perron

Frequencies:

3238.5 4641.5 5883.5 6911.5 7361.5 8171.5 9295.0 10161.5 10680.0
 12168.0

Identifiers:

18FABDEJAGCE 18th Field Artillery Bde
 159X1 Probable 1/159th deployed/exercise HQs
 229JAGCE Probably 229th FA Bn (105mm howitzers)
 327FAJAGCE 3-27th FA (MLRS)-Multiple Rocket Launcher Bn, 18th Airborne
 Corps
 FFAJAGCE Unidentified sub-unit of 18th FA Regt
 P1Z159 1/159th Avn Bn, Ft Bragg
 S03OPS Unidentified
 S08OPS Unidentified
 S12 Unidentified
 S21 Unidentified
 S41 Unidentified
 T1Z159 1/159th Avn Bn, Ft Bragg
 T18 Probably 18th Airbone Coprs HQs

Continuity of Operations (COOP) HF ALE Net

=====
 Courtesy of Ron Perron

Freqs (all USB)

3275.0 3285.0 5066.5 5088.5 6767.5 6985.0 7448.5 7510.0

Identifiers:

CECOM Army Communications & Electronics Command, Ft. Monmouth NJ.
 USACE1010 Army Corps of Engineers
 USADA1010 Unidentified
 USAFC1220 Army Forces Command (FORSCOM), Ft McPherson GA
 USAIS1012 Army Intelligence & Security Command, Ft Belvoir VA
 USAMC2120 Army Materiel Command, Alexandria VA
 USAMD1010 Army Medical Department ???
 USANG2409 Army National Guard HQs, Arlington VA
 USAPC1010 Army Pacific Command, Oahu HI

I believe the purpose of this net is to develop & maintain an HF ALE communications capability to support the major US Army commands. This net would probably provide backup communications capability in the event of failures of other means of communications, i.e. landlines, satellites, microwave/troposcatter.

This net is usually "tested" on wednesdays. Lately the US Army Intelligence & Security Command, Ft Belvoir VA has been acting as Net Control Station (NCS) for this net.

*U.S. Coast Guard

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Air-to-Ground Nets

=====

3053.0 3056.0 3119.0 3122.0 4730.0 4733.0 5693.0 5696.0 5699.0
 8980.0 8983.0 11196.0 11199.0 11202.0 13218.0 13221.0 15082.0
 15085.0 15088.0 17988.0 17991.0

CAMSLANT Chesapeake, Virginia

CAMSPAC Point Reyes, California

GANTSEC Great Antilles Section

Secure Net

=====

The designators below appear to be changing. Allan Stern recently confirmed that 3E11 is now 6234.5 kHz instead of 6815.6 kHz. Mark Cleary confirms Allan's report and has added 8337.6 kHz is now 3E12 vice the old 7845.0 kHz. In addition, Mark has located 3A17 which is now IDed as 4716.6 kHz. Ron Perron has verified that 10608.1 kHz (3E5) has been tagged with a 3A02 identifier. Anyone else notice any others changes? Reports are requested.

4448.0 3A04
 4716.6* 3A17 Group Key West
 5272.0 3E06
 5399.6 3C16 GANTSEC
 5422.5 3A03
 6234.5* 3E11 ex-3E4
 6815.6 ???? ex-3E11 GANTSEC
 7421.0 3A09
 7626.0 3E10
 7773.5 3A08
 7845.0 ????
 7884.0 3E13
 7909.0 3E14 CAMSLANT
 8091.0 ????
 8337.6* 3E12 ex-7845.0 for 3E12
 10608.1* 3A02 Group Miami ex-3E5
 10675.0 3E19
 10759.0 3E20
 10788.0 3E21
 10993.6 ???? Group Key West
 11157.5 3E24
 13413.0 3E25
 13809.0 ????
 13950.0 ????

Reference to a 3A5, 3A14, and 3A26 designators has been heard on the air. For a full listing of USCG aircraft and helicopters, go to URL: <http://www.wunclub.com/>

TISCOM Net

=====

USB/ALE: 4730.0 8859.0 13221.0 17988.0
 NMC US Coast Guard CAMSPAC Point Reyes, CA
 NMG COMSTA New Orleans, LA
 NMO US Coast Guard Honolulu, HI
 NOJ COMSTA Kodiak, AK
 TISCOM US Coast Guard Telecommunications & Information Systems
 Command, Arlington, VA

A1401 Net Frequencies

=====

This is a list of Ship/Shore Independent Sideband (ISB) frequencies. I call this set of frequencies the A1401 net.

2016.0 2040.0 2054.0 4913.5 5108.5 5217.0 5223.0 5266.0 5272.0

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5419.5 5942.5 6961.0 7439.0 7577.0 7617.0 7626.0 7754.5 7845.0
 7884.0 7909.0 9169.0 9291.0 9332.0 9373.0 10297.5 10338.5 10354.5
 10378.0 10675.0 10759.0 10788.0 10929.5 10935.5 11024.0 11045.0
 11157.5 13413.0 13484.0 13537.7 13950.0 14506.0 14518.75 14731.0
 14752.0 14919.2 18189.0 18255.0 18283.0 18335.0 18497.0 18650.0
 18716.0 20095.0 20137.0 20518.0 20639.0 23373.0 23515.0

Atlantic Only 2161.0
 Pacific Only 2144.0 5932.5 7713.0 9299.5 11165.8 18757.0
 Your column editor is extremely interested in receiving activity reports
 on any of the above listed frequencies.

HF PACTOR II E-Mail Network

Frequency	Net Control Station	Fleet	Day/Night
5272.2	NOJ	PAC	Night
6961.2	NMC1	PAC	Night
6964.4	NMC	PAC	Night
7442.3	Cutters	PAC	Night
7685.5	NNN0MDC	LANT	24hrs
8340.2	NMC	PAC	Night
10355.2	NOJ	PAC	24hrs
13827.5	NNN0MUC	LANT	24hrs
14506.2	NMC	PAC	Day
14752.2	Unknown	PAC	Day
14922.4	poss NOJ	PAC	Day
18192.2	NMC1	PAC	Day
20642.2	NMC	PAC	Day

Callsign	Identity
NAQD	USCGC Jarvis WHEC-725
NDWA	USCGC Morgenthau WHEC-722
NEGF	Unid USCGC
NEPP	USCGC Healy WAGB-20
NGDF	USCGC Munro WHEC-724
NKJU	USCGC Kukui WLB-203
NLPM	USCGC Chase WHEC-718
NLVS	USCGC Rush WHEC-723
NMAG	USCGC Hamilton WHEC-715
NMC	Communications Area Master Station Pacific (CAMSPAC) Point Reyes, California
NMC1	Coast Guard Island, Alameda, California
NMEL	USCGC Mellon WHEC-717
NNHA	USCGC Acushnet, WMEC-167
NOJ	Communications Station (COMSTA), Kodiak, Alaska
NRCB	USCGC Eagle, WIX-327
NRPX	USCGC Buttonwood WLB-306
NRTF	USCGC Active, WMEC-618
NRUC	USCGC Storis WMEC-38
NRUO	USCGC Polar Sea WAGB-11 (no longer equipped)
NSTF	USCGC Steadfast WMEC-625
NYCQ	USCGC Boutwell WHEC-719
NZNE	USCGC Walnut WLB-205 ***New Ident***
NZVE	USCGC Alert WMEC-630
NNN0CBS	USCGC Durable, WMEC-628
NNN0CCK	USCGC Bear WMEC-901
NNN0CEQ	USCGC Harriet Lane WMEC-903
NNN0CES	USCGC Gentian (WIX-290)
NNN0CFA	USNS Persistent (T-AGOS 6)
NNN0CLL	Unid USCGC
NNN0CMD	USCGC Mohawk WMEC-913
NNN0CME	USCGC Northland WMEC-904
NNN0CMS	USCGC Courageous WHEC-716
NNN0CMV	USCGC Tampa WMEC-902
NNN0CNW	Unid USCGC

NNN0CNY USCGC Campbell WMEC-909
 NNN0CNZ USCGC Tahoma WMEC-908
 NNN0CSA USCGC Seneca WMEC-906
 NNN0CSP USCGC Spencer WMEC-905
 NNN0CTB USCGC Venturous WMEC-625
 NNN0CVQ USCGC Forward WMEC-911
 NNN0CXK USCGC Gallatin WHEC-721
 NNN0CXS USCGC Dallas WHEC-716
 NNN0CYU USCGC Vigilant WMEC-617
 NNN0CZK USCGC Vigorous WMEC-627
 NNN0MDA Atlantic Shore Station, Nazareth Pennsylvania (aka:
 NNN0GKF)
 NNN0MDC Atlantic Shore Station, HQ Navy & Marine Corps MARS,
 Washington DC (aka: NNN0NAV)
 NNN0MDF Atlantic Shore Station, Coast Guard HQ,
 Washington DC (aka: NNN0NCG)
 NNN0MUC Atlantic Shore Station
 NNN0NXZ USCGC Confidence WMEC-619
 NNN0NZK USCGC Dauntless WMEC-624

9th District HF Net

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Frequencies

3163.4 5423.9 7530.0 7621.6 (might have replaced 7629.1) 8126.4
 9278.5 10373.6 11043.6

Station List

CGD9 Coast Guard District 9, Cleveland, Ohio
 NODK USCGC Bramble (WLB-392)
 NODW USCGC Sundew (WLB-404)
 NODY USCGC Acacia (WLB-406)
 NRKP USCGC Mackinaw (WAGB-83)
 NRLX USCGC Katmai Bay (WTGB-101)
 NRLY USCGC Bristol Bay (WTGB-102)
 NRUR USCGC Mobile Bay (WTGB-103)
 NRUS USCGC Biscayne Bay (WTGB-104)
 NRUU USCGC Neah Bay (WTGB-105)

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*U.S. Navy

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ELF Communications System

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Frequencies: 76 Hz (primary) and 44 Hz (Secondary)
 There are two transmit sites: Republic, Michigan and Clam Lake,
 Wisconsin. This is used as a bell ringer communication system to
 submarines.

Strategic Communications Wing One (SCW-1)

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6691.0 CA (7)
 11187.0 CB (0)
 17982.0 CC (9)
 11264.0 CH (9)

Also check 11267.0, 13240.0 and 14615.0. References have been made on the
 air to designators CD, CE, CF, CG, CK and CL.

Ships Electronics Systems Evaluation Facility (SESEF)

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Point Loma, CA (USB): 2792.0
 Mayport, FL (USB): 5745.0 10711.0
 Barbers Point, HI (USB): 16087.0
 Norfolk (Fort Storey), VA (USB): 7535.0 8150.0 10711.0
 Ediz Hook, WA (USB): 3236.0
 Yokosuka, Japan (USB): 5304.0

Fleet Area and Control Facility (FACSFAC)

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FACSFAC Virginia Capes, VA (USB) 2252.0

Strike Group Air Defense Networks

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Frequencies (USB):
3265.0

AFN HF Broadcast

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Update to current schedules for the US Navy AFN broadcast on their website and NPR. They indicate that the NPR broadcast schedule isn't correct and made a correction to the schedule for the Guam broadcast. Below is the accurate schedule for AFN shortwave transmissions. Switchover from night to day, etc is based on local time at the transmitter site.

Table with 3 columns: Station, Daytime, Nighttime. Rows include Barrigada, Guam; Diego Garcia; Keflavik, Iceland; Key West, Florida; Pearl Harbor, Hawaii; Roosevelt Roads, PR; Sigonella, Sicily.

The QSL@mediacen.navy.mil email address is still good for reception reports to get the AFN QSL letter for these broadcast.

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FOREIGN MILITARY SERVICES

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*Argentina

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3175.5 Navy LOR-Puerto Belgrano Baudot 170/75

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*AUSTRALIA/NEW ZEALAND

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Air Force - RAAF/RNZAF

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The following information comes from the Enroute Supplement Australia (ERSA) a publication jointly published by the Royal Australian Air Force and Airlservices Australia, February 26, 1998 edition, Nav/Comm 1.

1. The Royal Australian Air Force (RAAF/Royal New Zealand Air Force (RNZAF) Air Operations Communications System (AOCS) is a high frequency radio network providing communications services for the operational control of RAAF/RNZAF aircraft and HF equipped marine craft [army ground stations are also commonly heard]. In addition, visiting military aircraft may use the AOCS when contact with Australia/New Zealand military authorities is required. The AOCS is not part of, and does not provide, an air traffic control service, civil or military.

2. The AOCS network consist of six Air Operations Communications Centres (AOCCs) located at Sydney, Darwin, Townsville, Perth, Auckland [NZ] and woodbourn [NZ]. The combined AOCS provides:

- A. A General Purpose Net (GPN) on which all AOCCs guard the same three frequencies. All AOCCs can transmit and receive on these three frequencies simultaneously.
B. Discrete frequencies are available (if required) at each AOCC and allocated after initial contact on the GPN.
C. Telephone patch facilities between aircraft and ground appointments.

WUN-v10

D. Continuous monitoring of military distress frequency 5696 kHz.
E. Selective Calling (SELCAL): Available to suitably equipped aircraft.

GPN Frequencies:

Day (2100-0900 UTC) 8974.0 11235.0 13206.0 kHz
Night (0900-2100 UTC) 3032.0 5687.0 8974.0 kHz
Military Distress 5696.0 kHz

The RAAF and RNZAF share 8974 with the Spanish Air Force, and 5687 with the Portugese and German military services.

Discrete frequencies

RAAF Darwin: 6685.0 6709.0 6712.0 6727.0 6760.0 8968.0 8971.0
8989.0 9025.0 11187.0 11199.0 11205.0 11271.0
RAAF Perth: 6757.0 8977.0 9022.0 9025.0 11187.0 11271.0 15085.0
18003.0 23203.0
RAAF Sydney: 4715.0 5711.0 6730.0 6739.0 8971.0 8980.0 8989.0
8992.0 9007.0 9019.0 9031.0 11202.0 11208.0 11226.0 11250.0
13227.0 13245.0 13248.0 15067.0 17985.0
RAAF Townsville: 5714.0 8971.0 8992.0 9007.0 11187.0 11247.0 15034.0
RNZAF Auckland: 6754.0 6760.0 8965.0 9010.0 9025.0 11178.0 11217.0
11247.0 13212.0 13233.0 13245.0 15044.0 15055.0

AOCS Callsigns

Location	Voice Callsign
ASAOCS/NZAOCS Collective	Air Force ANZAC
ASAOCS Collective	Air Force Australia
NZAOCS Collective	Air Force New Zealand
AOCC Auckland	Air Force Auckland
AOCC Darwin	Air Force Darwin
AOCC Perth	Air Force Perth
AOCC Sydney	Air Force Sydney
AOCC Townsville	Air Force Townsville

Australian Navy

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From an article on the Royal Australian Navy in the WUN newsletter:
Stations include: Canberra Control/Darwin Control/Exmouth Control/Perth
Control/Townsville Control

2768.0 A1
4375.0 A2
6510.0 A3
8122.0 A4
13116.0 A5
17344.0 A6
22708.0 A7/C5 (Tentative)

New Zealand Navy

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Auckland (USB): 3192.0 8316.5

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*Bahamas

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Bahamas Defense Forces
Frequency: 8156.0 (USB)
Station List
C6WWH C6R2066 C6R2067

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*BELGIUM

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Air Force

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Ground Station: Melsbroek (ONY)
3131.0 YA

4745.0 YD
 6748.0 YF
 8989.0 YG (Primary)
 11268.0 YJ
 15010.0 YM
 18006.0 YO
 18021.0 YP
 20050.0 YQ
 23332.0 YS

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 *Brazil
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Air Force
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USB/ALE: 9010.0 13224.0 13972.0 17982.0

Stations:

Manaus

ALE Addresses:

Antares Bandeirantes Cerrado Hermes IndiaVictor Jupiter RDSGC
 Saturino Scorpius Tamoio Tribo

Navy
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USB/ALE: 8031.0 9117.0 9306.0 11010.0 11452.0 11455.0 11486.0
 11530.0 12132.0 12370.0 12437.0 13224.0 14705.0 14780.0 15932.0
 19709.0 kHz

Shore Stations:

ERMBEL Belem
 ERMNAT Natal
 ERMRIO Estação Rádio da Marinha em Rio de Janeiro

Ships:

FDEFEN Frigate DEFENSERO F-41
 FCONST Frigate CONSTITUIÇÃO F-42 (Classe NITERÓI)
 FUNIAO Frigate F-45 UNIÃO (Classe NITERÓI)
 NDDCEA CEARÁ G-30(Navios de Desembarque-Doca)
 NEBRSL BRASIL U-27(Navio-Escola)

USB/ALE: 9117.0 13224.0 13972.0

BR1 Brasilia (VII Naval District)[tentative]
 CE1 Ceara (Naval Port)[tentative] or Fortaleza
 MS1 Manaus (Commando Naval do Amazona Occidental)[tentative]
 PE1 Sao Pedro de Aldeia (Naval Air Base)[tentative]
 RS1 Unidentified
 RS2 Unidentified
 RS3 Unidentified
 SMA Unidentified

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 *Canada
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Canadian Forces (CanForce)
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Military Aeronautical Communications System (MACS)
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3047.0 MACS Net: Edmonton, Halifax, Trenton
 3092.0 MACS Net: Edmonton, St. John's, Trenton
 4379.0 CanForce Discrete: Halifax
 4560.0 Maritime Command Net: Halifax, St John's (A6A)
 4703.0 MACS Net: Edmonton, St. John's, Trenton
 4739.0 AAR Net: Halifax, St John's
 5198.5 Maritime Command Net: Halifax (A2B)

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5684.0 St John's, Vancouver
5699.0 CanForce Discrete (Pipeline/Gonzo aircraft)
5702.0 Vancouver
5714.0 MACS Net: Edmonton, St. John's, Trenton
5717.0 SAR Net: Halifax, St. John's. Trenton, Vancouver-Pri
5850.0 Halifax Maritime Air Group (D1B)
6694.0 Halifax, Vancouver (D6G)
6706.0 MACS Net: Edmonton, St. John's, Trenton
6712.0 CanForce Discrete (Pipeline/Gonzo aircraft)
6715.0 SAR Net: Halifax, Trenton, Vancouver (D3H)
6745.0 MACS Net: Edmonton, Trenton
6751.0 Halifax, Vancouver, SIDECAR (NORAD)
6754.0 MACS VOLMET: Edmonton, St. John's, Trenton
8050.0 CanForce Discrete: Trenton (poss CanForce ALE activity here)
8989.0 MACS Net: Edmonton, Trenton (Initial contact freq when
aircraft is west of 90 deg west)(D1H)
8992.0 CanForce Discrete: Trenton
9007.0 MACS Net: Edmonton, St. John's, Trenton (Initial contact
freq when aircraft is east of 90 deg west)
9010.0 CanForce Discrete: Vancouver
9023.0 NORAD: Trenton (C5)
9031.0 CanForce Discrete (Pipeline/Gonzo aircraft)
10194.0 CanForce Discrete: Trenton (US/Canadian Ground/AWACS
Discrete)
11007.5 CanForce Discrete: Trenton (US/Canadian Ground/AWACS
Discrete)
11190.0 CanForce Discrete (Pipeline/Gonzo aircraft)
11205.0 CanForce Discrete: Halifax working VDD, Trenton
11214.0 NORAD: Trenton (NORAD/MACS discrete- C6)
11232.0 MACS Net: Alert, Edmonton, Halifax, St, John's,
Trenton, Yellowknife(Initial contact freq when aircraft is east of
90 deg west)
11265.0 MACS Net: Edmonton, Trenton
11271.0 MACS Net: Edmonton, Trenton (Initial contact freq when
aircraft is west of 90 deg west)
13206.0 CanForce Discrete: Trenton
13257.0 Foxtrot MACS Net: Edmonton, St. John's, Trenton
14364.0 CanForce Discrete: Trenton (US/Canadian Ground/AWACS
Discrete)
15031.0 MACS Net: Edmonton, St. John's, Trenton
15034.0 MACS VOLMET: Edmonton, St. John's, Trenton
17994.0 MACS Net: Edmonton, St. John's, Trenton
18000.0 CanForce discrete: Halifax
18012.0 MACS Net: Edmonton, St. John's, Trenton
18027.0 NORAD: Halifax, Edmonton (C8)
23250.0 MACS Net: Trenton
23271.0 CanForce Discrete: Trenton (US/Canadian Ground/AWACS
Discrete)

Note: Frequency designators indicated above have not been reported in quite some time. More than likely CANFORCE has dropped the use of frequency designators. Other observations are welcomed.

Digital Communications

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CFH RTTY: 4271.0

CFH Halifax Military, NS (supports SAR coordination requirements for
Halifax Rescue Coordination Center-RCC)
CHR Trenton Military, ON
CJU Vancouver Military, BC (supports SAR coordination requirements for
the Victoria Rescue Coordination Center-RCC)
CJX St. John's Military, NF
CKN Vancouver Military, BC
VXA Edmonton Military, AB

Canadian Military Communications

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ALE Network
Frequencies: 6925.0 6980.0 7600.0 8050.0 10000.0 11402.0 11605.0
12185.0
Stations:
VDE
VDD Debert, NS
VEX Penhold, AB

Canadian Forces/NORAD Charlie Designators

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Note: other than those listed above

4721.0 C1
6735.0 C2
6750.0 C3
8967.0 or 8968.0 C4
13206.0 or 13207.0 C7

Canadian Forces Affiliate Radio System (CFARS)

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CFARS is the Canadian Forces Affiliate Radio System which is equivalent to the United States Military Affiliate Radio System (MARS) program. CFARS stations are located at various United Nations peace-keeping operations around the world and operate amateur radio equipment that provides phonepatches for service personnel to their families. They are also to be found on Navy and Coast Guard ships.

6978.5 Alpha
14386.0 Bravo
14460.0 Charlie
14463.0 Delta
14446.5 Echo
20971.5 Foxtrot
20963.5 Golf
29715.0 Hotel
14454.0 Juliet
14449.5 Kilo
20977.5 Lima
13954.0 Mike
6982.5 Whiskey
6962.5 X-ray
4052.5 Yankee
4023.5 Zulu

Thanks to the Northern Alberta Radio Club (<http://narc.net>) for the above information.

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*Chile

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Navy

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LSB/ALE: 9818.0 12103.0
ALE Addresses: FLC TAC

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*Czech Republic

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Military Net (CW) 2362.0

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*Denmark

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Air Force

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Danish Air Force ALE net uses the MIL-STD 188-141A

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2250.0 OWC/OWD/OWE/OWF/OWI/OWK/OWP/OWU/OYG (U12/ALE)
2296.0 OWB (L96-Alternate Night)
2531.0 OWF/OWI/OWK/OWP (ALE)
3023.0 OWB (Alternate)
3053.0 OWB (L18-Primary Day)
3291.0 OWD/OWE
4577.0 OWB (F18-Alternate Day)
4703.0 OWB/OWD/OWE (V26-Alternate)
4756.5 OWD/OWE
4840.0 OWC/OWD/OWE/OWF/OWI/OWK/OWP/OWU (ALE)
5120.0 OUY/OWC/OWD/OWE/OWF/OWI/OWK/OWP/OWU (ALE)
6630.0 OWD/OWE
6651.0 OWB (K19-Primary Day)
6730.0 OWD/OWE (P75)
6770.0 OWB (Alternate)
6834.0 OWB (Alternate)
9034.0 OWD/OWE (R27)
9933.0 OWE/OWF (ALE)
11076.0 OWI/OWJ (ALE)
11217.0 OWD/OWE
11244.0 OWD/OWE (A10)
11468.0 OWE/OWG (ALE)
12186.0 OWE/OWG/OWP (ALE)
13435.0 OWD/OWE/OWG/OWP (ALE)
13455.0 OWI (ALE)
15043.0 OWD/OWE (A11)
15820.0 OWC/OWE/OWF/OWG/OWI/OWK/OWP (ALE)
16280.0 OWD/OWG (ALE)
16327.0 OWF/OWG/OWU (ALE)

OYU Unknown
OWB RCC Karup, voice call: Karup Rescue
OWC Unknown
OWD FSN Vaerloese, voice call: Saloon
OWE FTK Karup, Voice call Primrose
OWF AF Skrydstrup
OWG AF Vandel
OWI AF Air Base Aalborg
OWJ AF Tirstrup (tentative ID)
OWK AF Headquarters Vedbaek
OWP Unknown
OWU Unknown
OYG Mestersvyg, Greenland

The SAR services at Karup also use the worldwide allocations of 2182 and 5680. Another frequency in this system may be 13540. Frequency designators from the Dansk Scanner Information website (<http://www.dkscan.dk>). Station identifiers courtesy of Ary Boender.

Navy

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4637.0 (CW)
OUA Stevns, Denmark
OVC Groennedal, Greenland
OVG Unknown
OVK Aarhus (Navy)

18281.0 warships working OVK (CW and 75 baud RTTY)

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*Ecuador

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Navy

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Noted during June 03 UNITAS-03 exercise
Freq: 7900.0 USB/ALE

ALE Addresses:

COOPNA Naval Operations Command (Comando Operaciones Navale)
 CFF Commander Frigate Force (Comando Fuerza Frigata)
 CORMAN Corbeta Manabi (CM 12)
 CORGAL Corbeta Los Galapagos (CM 15)
 CORORO Corbeta El Oro (CM-14)
 CORESM Corbeta Esmeraldas (CM 11)
 LAMCUE Launcha Missileria Cuenca (LM 24)
 HALCON Type B 119 class PG "Halcon"

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 *France
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Air Force

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 French Air Force Circus HF radio network
 6869.0 Veilleur-Taverny working AWACS aircraft USB/Secure voice
 6712.0 Marjolaine 2
 8972.0 Racontar 1
 8992.0 Vinaigrette 3
 13236.0 Reconfort 3 (Raphael?)
 14587.0 Unknown
 18012.0 Citadelle 1
 23254.0 Veritee 3
 ? Citadelle 3
 143.800 MHz (AM mode) Canasta

Circus Blanc Bangui, Central Africa Republic
 Circus Bleu Le Reunion, Reunion Island
 Circus Bonne Bordeaux, France
 Circus Citron Cayenne, French Guyana
 Circus Corail Corfu/Taveaux, Greece
 Circus Diamant Dole/Taveaux, France
 Circus Dore Djibouti
 Circus Ebene Evreux, France
 Circus Fraise Fort de France, Martinique
 Circus Lilas Libreville, Gabon
 Circus Noir Noumea, New Caledonia
 Circus Ocre Orleans, France
 Circus Orange Dakar, Senegal
 Circus Tango Toulouse/Francazal
 Circus Tilleul N'djamena, Chad
 Circus Vert CFAP Headquarters, Villacoublay, France
 Circus Villa Villacoublay, France

French Air Force Strategic Missions
 Capitol COFAS Headquarters Taverny
 Frequency: 6688.0 8976.0 kHz

Digital Net

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 3157.9 FDI8-Nice, France Baudot 400/50R
 4042.0 FDG-Bordeaux, France Baudot ?/50
 4212.5 FDI8-Nice, France CW
 4449.9 FDI8-Nice, France CW
 4596.0 FDC-Metz, France CW
 5214.5 FDG-Bordeaux, France ?/50 baud
 5367.0 FDI8-Nice, France Baudot 85/50
 5446.5 FDC-Metz, France Baudot ?/50
 7850.0 FDI8-Nice, France CW
 7859.0 FDY-Orleans, France Baudot ?/50 baud
 10671.0 FDG-Bordeaux, France CW
 10912.0 FDI8-Nice, France CW
 10996.0 FDI22-Narbonne CW

Navy

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Warship Frequencies

2214.0 FUC on 2780.0
 2259.0 FUE on 2789.0
 4165.6 FUE on 4295.0
 6259.0 FUE on 6348.0
 8310.6 FUV on 8568.0
 8314.6 FUF on 8478.5
 8330.6 FUG on 8453.0 (75 or 150 baud)
 8334.6 FUX on 8475.5
 12369.0 6WW on 12857.0
 12374.6 FUX on 12691.0
 12398.6 FUV on 13042.5 (may use 75 or 150 baud)
 12402.5 FUF on 13031.2
 12410.6 FUG on 12666.5 (150 baud)
 16559.6 FUF on 16961.5
 16595.6 FUV on 16904.9
 16598.0 6WW on 16951.5
 16607.6 FUG on 17180.0 (75 or 150 baud)

Miscellaneous Frequencies

2436.0 French Navy-Mediterranean USB
 3107.0 French Navy-Atlantic (callsign Armor) USB
 3896.0 French Navy-Mediterranean USB
 5708.0 French Navy-Atlantic (callsign Armor) USB
 6760.0 Tactical calls (callsign whiskey Alpha) tentative (USB)

RTTY Net

2608.0 FUC RTTY 850/75
 4232.0 FUF RTTY 850/75
 6348.0 HWN ITA2/150/UOS encrypted
 FUE ITA150
 8300.0 6WW RTTY 850/75
 8453.9 FUG RTTY 850/75
 8475.5 FUX RTTY 850/75
 8479.0 FUF RTTY 850/75
 10282.0 FUC RTTY 850/75 and 170/75
 10310.6 TLFUO-Toulon clg 1TLFUF-Fort de France USB/MIL-STD 188-141A
 10918.6 6WW RTTY 425/50
 12666.5 FUG RTTY 860/75
 12690.7 RFVIE-Le Port Baudot 850/75
 12857.0 6WW Baudot 850/75
 13032.0 FUF RTTY 850/75
 13042.0 FUV RTTY 850/150
 13444.2 RFQP-Djibouti ARQ-E3 400/100
 13944.0 RFQP-Djibouti ARQ-E3 400/100
 13986.7 RFFA-MOD Paris ARQ-E3 192bd
 14585.7 RFPTC-N'djamena Arq-E3 400/200
 16905.0 FUV Baudot 850/75
 16915.0 RFVIE-Le Port, Reunion Baudot 850/75
 16951.6 6WW RTTY 850/75
 16961.5 FUF Baudot 850/75
 19216.7 RFLI-Fort de France, Martinique ARQ-E3 380/192 and ARQ-E3
 96 bd
 19951.5 6WW Baudot 850/75
 20555.0 RFFX-MOD Paris ARQ-E3 184.6bd

Station List:

6WW Dakar, Senegal
 FUC Location Unknown
 FUE Brest, France
 FUF Fort de France, Martinique
 FUG La Regine, France
 FUC Toulon, France
 FUV Djibouti, Djibouti
 FUX Le Port, Reunion Island

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 *Germany

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Air Force

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Update courtesy of Andreas Heymann.

Air-to-Ground Network

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3107.0 Alpha
 3143.0 Bravo
 3903.0 Charlie
 4721.0 Delta
 5687.0 Echo (Primary net frequency)
 5717.0 Foxtrot
 6700.0 Golf
 6715.0 Hotel
 6730.0 India
 6751.0 Juliet
 8965.0 Kilo
 9025.0 Lima
 11217.0 Mike
 11265.0 November
 13203.0 Oscar
 13233.0 Papa
 15073.0 Quebec
 17973.0 Romeo
 17991.0 Sierra
 18012.0 Tango
 23201.0 Uniform
 23215.0 Victor (may be 23231, comments please)
 23255.0 Whisky
 23318.0 X-ray
 23341.0 Yankee
 23345.0 Zulu
 29724.0 Alpha-Bravo

Note: These frequencies are used by DHM91 Munster German Air Force Transport Command headquarters in northern Germany. The primary frequency in this network appears to be Echo on 5687. Stations have been heard discussing frequencies AA, AC, AF and AJ which carry encrypted RTTY transmissions.

Digital System

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DASA/EADS-MAHRS 2400 bd burst PSK/STANAG 4285: 6949.0 6958.5 7543.0
 7630.0 7729.0 7810.0 7814.0 7823.0 7995.0 8070.0 8139.0 9051.0
 10926.5 11136.5 12273.0 13502.0 14613.5

**Navy

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2265.9 RTTY-DHJ58
 2625.0 USB-DHJ59 MRL 59/02
 3056.0 USB/RTTY-DHJ78/DHJ59 MATELO ARCN
 3116.0 USB-DHJ59 MATELO ARCN
 3122.0 USB/RTTY-DHJ58/DHM42 (Glücksburg Rescue)
 3590.0 RTTY-DHJ58
 3653.0 RTTY-DHJ58
 3718.6 RTTY-DHJ58
 4047.9 RTTY-DHJ58
 4154.3 USB/3 channel VFT-DHJ59 MRL 59/04
 4356.6 USB/RTTY-DHJ58
 4424.4 RTTY-DHJ58
 6727.0 USB/RTTY-DHJ59 MATELO ARCN
 6730.0 USB/RTTY-DHJ59 MATELO ARCN 405
 6779.0 USB-DHJ59 MRL 59/06
 8335.3 USB/3 channel VFT-DHJ59 MRL 59/08
 10192.5 USB/RTTY-DHJ59 MRL 59/10
 10206.2 USB/Stanag 4285 2400bd PSK-DHJ58 MRL 58/10

WUN-v10

10711.0 USB/RTTY
 10722.0 USB/RTTY-DHJ59 MRL 59/11
 11090.0 USB/RTTY F-63
 11235.0 USB-DHJ78
 11256.0 USB/RTTY-DHJ59 MATELO ARCN
 12178.0 USB/RTTY-DHJ59 MRL 59/12
 12415.3 USB/3 channel VFT-DHJ59 MRL 59/13
 14722.0 RTTY PSK 600 baud
 15929.0 USB/RTTY-DHJ59 MRL 59/15
 16129.0 USB/RTTY-DHJ58 MRL 58/16
 17544.0 USB-DHJ59 MRL 59/17
 17994.0 USB/RTTY-DHJ59 MATELO ARCN
 22238.5 USB-DHJ59 MRL 59/23
 23744.0 USB-DHJ59 MRL 59/25

Callsign	Unit	Place
DHJ23	NORTHAG	Mönchengladbach
DHJ36	NORTHAG	Mönchengladbach
DHJ37	CENTAG	Heidelberg
DHJ38	Fm/EloAufklRgt 220	Donauwörth
DHJ39	Heeresamt	Köln
DHJ40	HFlgBrig 3	Mendig
DHJ41	LTG 61 FÜGrp 1	Landsberg
DHJ42	LTG 61 FÜGrp 2	Landsberg
DHJ43	JaBoG 32	Lechfeld
DHJ44	III. Korps	Koblenz
DHJ46	I. CATAC et FAFA	Lahr
DHJ47	2. ATAF	Mönchengladbach
DHJ48	4. ATAF	Ramstein
DHJ49	BMVg	Bonn / Berlin
DHJ50	I. Korps	Münster
DHJ51	Afwg	St. Adelgund - Hochheid
DHJ53	MStpKdo	Warnemünde
DHJ54	MarA Landtestanlage	Bremen-Vegesack
DHJ55	HQ 7th (US) Army	Heidelberg
DHJ56	FüUstBrig 900	Rheinbach
DHJ57	Range Naval Radio	Schönhagen
DHJ58	MFmZ - MFmGrp 11	Glücksburg
DHJ59	MFmZ - MFmGrp 21	wilhelmshaven - Sengwarden
DHJ60	KdoTrpVersM Abt. FÜMi	Eckernförde
DHJ61	MFms	Flensburg
DHJ62	Naval Port Radio	Neustadt i.H.
DHJ63	Range Naval Radio	Todendorf
DHJ64	DTA MND (C)	Mönchengladbach
DHJ65	UKdo 8	Zweibrücken
DHJ66	Submarine Naval Radio	Eckernförde
DHJ67	HöHkdoBeh LW Gefst	Köln
DHJ68	HQ CINCUSAFE	wiesbaden
DHJ69	JaBoG 31	Nörvenich
DHJ70	MUKdo	wilhelmshaven
DHJ72	4. ATAF	Kindsbach
DHJ73	II. GE/US Korps	Ulm
DHJ74	Kdo 2. LwDiv	Birkenfeld
DHJ75	WBK III / 7. PzDiv	Düsseldorf
DHJ76	MFG 5 Airbase	Kiel-Holtenau
DHJ77	HfFlgRgt 35	Mendig
DHJ78	MFG 3 Airbase	Nordholz
DHJ80	WBK IV / 5. PzDiv	Mainz
DHJ81	PzLehrBrig 9	Munster
DHJ82	Naval Port Radio	Parow
DHJ83	HöHkdoBeh LW Gefst	Köln
DHJ84	Naval Radio	wangerooe
DHJ85	PiBrig 20	Minden
DHJ86	Deutscher wetterdienst - MilZentr.	Offenbach
DHJ87	TerKdo Nord	Mönchengladbach
DHJ88	Afwg	Limsdorf
DHJ89	PzBrig 23	Augustdorf

DHJ90	LwUstGrpKdo Nord	Münster	
DHJ91	British Army Of The Rhine (BAOR)		Mönchengladbach
DHJ92	CCFFA	Baden - Oos	
DHJ93	CENTAG	Pirmasens	
DHJ94	4. RCAF Fighter wing	Söllingen	
DHJ95	WBK VI / 1. GebDiv	München	
DHJ96	3. RCAF Fighter wing	Zweibrücken	
DHJ97	Sammelruf --> ALLE Funkstellen des aktuellen Kreises		
DHJ98	JaBOG 33	Büchel	
DHJ99	KdoTrpVersM - Testsendungen		
DHM21	Naval Radio	Staberhuk	
DHM22	MOS	Bremerhaven	
DHM23	HFlgRgt 26	Roth	
DHM24	FüUstBrig 4	Berlin	
DHM25	LTrspKdo - FüUstGrp	Münster	
DHM27	PzGrenBrig 41	Eggesin	
DHM30	SOC	Brokzetel	
DHM31	Naval Radio	List / Sylt	
DHM33	MARSBetrB	Kiel	
DHM35	Jachmannbrücke Radio (MARSBetrB)		wilhelmshaven
DHM36	KdoMFüSys	wilhelmshaven	
DHM37	SOC	Uedem - Kalkar	
DHM39	PzGrenBrig 38	weißenfels	
DHM41	MwAs	Kappeln Ellenberg	
DHM42	Naval Radio	Glücksburg	
DHM43	IV. Korps		
DHM44	GeophysBLtSt Süd	Fürstenfeldbruck	
DHM45	MFmStab 70	Flensburg	
DHM46	WBK V / 10. PzDiv	Sigmaringen	
DHM47	2. ATAF Air Base	weeze - Laarbruch	
DHM49	LogBrig 4	Unna	
DHM50	LogBrig 2	Germersheim	
DHM52	SanBrig 4	Fritzlar	
DHM53	HFlgRgt 36	Fritzlar	
DHM54	LwKdo Süd	Meßstetten	
DHM55	WBK II / 1. PzDiv	Hannover	
DHM56	WBK VII / 13. PzGrenDiv		
DHM57	HFlgRgt 15	Rheine	
DHM58	1. CanAirDiv	Lahr	
DHM60	KLK / 4. Div	Regensburg	
DHM61	PzGrenBrig 1 / VBK 22	Hildesheim	
DHM62	CINCENT	Erbeskopf	
DHM64	Naval Radio	Darßer Ort	
DHM65	MFuSst	Dollerup	
DHM66	MFuSst	Friedrichsort	
DHM67	MFuSst	Hürup	
DHM68		Frankenberg	
DHM70	MFuSst	Schortens	
DHM71	PzBrig 18	Oldenburg	
DHM72	GeophysBLtSt Nord	Niederseik	
DHM74	LLBrig 31	Oldenburg	
DHM75	MFuEST	Lütjenholm	
DHM76	MFuEST	wittmund-Harlesiel	
DHM79	Sammelruf I. D/NL Korps		
DHM82	Forschungsanstalt der Bw für wasserschall u. Geophys		Kiel
DHM85	MFuSst	Marlow	
DHM88	FmABw bzw. AFmISBw	Rheinbach	
DHM89	2. ATAF Air Base	Brüggen - Bracht	
DHM90	Comms Group	Lahr	
DHM91	LTrspKdo - Leitfunkstelle	Münster	
DHM92	Sammelruf II. Korps		
DHM95	1. Wing RCAF	Lahr	
DHM97	NL Army	Dillingen	
DHN21	2. ATAF	Rheindahlen	
DHN22	2. ATAF	Rheindahlen	
DHN23	WBK VIII / 14. PzGrenDiv		
DHN24	PiBrig 40 / VBK 41	Lahnstein	
DHN31	Jagdgeschwader 71	wittmundhafen	

DHN41	GebJgBrig 23 Bad	Reichenhall
DHN43	PzGrenBrig 37	Frankenberg
DHN44	Jagdgeschwader 74	Neuburg
DHN45	PzGrenBrig 32	Schwanewede
DHN46	SanBrig 2	Ulm
DHN49	KrvtlSt bei MUKdo	wilhelmshaven
DHN51	HFlgRgt 30	Niederstetten
DHN53	Naval Port Radio	wilhelmshaven
DHN54	Fm / EloAufklRgt 320	Frankenberg
DHN55	UKdo 9	Philippsburg
DHN60	LwFükdo	Köln-Wahn
DHN61	DTA LANDCENT	Heidelberg
DHN62	DTA ARRC	Mönchengladbach
DHN63	PzGrenBrig 19 / VBK 33	Ahlen
DHN64	PzBrig 12	Amberg
DHN65	FmBtl 950 "Radio Andernach"	Andernach
DHN66	NATO AEW Force Command	Geilenkirchen
DHN67	FmRgt 920	Kastellaun
DHN68	St / FmRgt 310	Koblenz
DHN69	HFlgRgt 16	Celle
DHN70	FmRgt 990 LANDCENT	Essen
DHN71	HFlgRgt 25	Laupheim
DHN72	HFlgRgt 6	Hohenlockstedt
DHN79	Erprobungsstelle der Bundeswehr 61	Manching
DHN81	PzGrenBrig 30	Ellwangen
DHN82	Marineunterwasserortungsstelle	Fehmarn Marienleuchte
DHN83	HFlgRgt 10	Fassberg
DHN84	PzBrig 14	Neustadt
DHN85	PzGrenBrig 5	Homburg - Efze
DHN90	PzGrenBrig 40 / VBK 86	Schwerin
DHN92	LwKdo Nord	Kalkar
DHN95	PzBrig 39 / VBK 71	Erfurt
DHN99	Fm / EloAufklRgt 940	Daun
DHO21	LLBrig 26	Saarlouis
DHO22	Aufklärungsgeschwader 51	Jagel - Kropp (Schleswig)
DHO23	LTrspGeschw 51	Landsberg
DHO24	LTrspGeschw 63 FüGrp	Hohn (Rendsburg)
DHO27	JaBoG 49	Fürstenfeldbruck
DHO28	JaBoG 35	Pferdsfeld
DHO31	JaBoG 34	Memmingen
DHO32	LTrspGeschw 62	Wunstorf
DHO35	MFG 2 Funkstelle	EGgebeck (Tarp)
DHO36	Flugbereitschaft der Lw beim BMVg	Bonn / Berlin
DHO37	LTrspGeschw 62 FüGrp 1	wunstorf
DHO38	MFuSst	Saterland-Ramsloh
DHO39	LTrspGeschw 62 FüGrp 2	wunstorf
DHO41	NL Air Staff HQ	Hesepe
DHO42	Fm / EloAufklBrig 94	Daun
DHO43	Kdo 4. LwDiv	Aurich
DHO45	PiBrig 10	Schleswig
DHO46	Naval Radio	Olpenitz
DHO47	SanBrig 1	Leer
DHO48	LogBrig 1	Lingen / Ems
DHO49	PiBrig 30	Hilden
DHO54	Fernmeldebereich 70	Trier
DHO59	PzBrig 36 / VBK 64	Veitshöchheim
DHO60	LTrspGeschw 63	Hohn (Rendsburg)
DHO61	Pionierschule FSH BauT	Percha
DHO63	4. NLDiv	Bergen-Hohne
DHO64	PiBrig 50	Bogen
DHO65	LLBrig 25	Calw
DHO66	Naval Air Operations Center	Glücksburg
DHO67	PiLehrBrig 60	Ingolstadt
DHO69	Naval Radio	Eckernförde
DHO70	PzBrig 34	Diez
DHO71	Naval Radio	Arkona
DHO73	Naval Radio	Marienleuchte
DHO74	1. NL Korps	Seedorf (Zeven)

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DH075 Sammelrufzeichen Lufttransportkommando (Collective callsign
for all the three Air Transport wings)
DH076 DTA LANDJUT Rendsburg
DH077 JaBoG 36 Rheine - Hopsten
DH078 Kdo 3. LwDiv / GAFSC "N" Gatow
DH079 Naval Radio Helgoland
DH080 Naval Port Radio Olpenitz
DH081 Naval Radio Borkum
DH082 PzBrig 42 / VBK 84 Potsdam
DH083 WBK I / 6. PzGrenDiv Kiel
DH085 UKdo 4 Diez
DH091 Kdo 1. LwDiv / GAFSC "S" Karlsruhe
DH092 FüUstBrig 2 Ulm
DH095 Naval Radio Sahlenburg
DH099 I. BEL Corps Köln-weiden

=====
*Israel
=====

Air Force
=====

Frequencies (USB/ALE):

5418.0 6840.0 7630.0 7780.0 8100.0 8220.0 8858.0 9227.0 10190.0
10304.0 10614.0 11491.0 12143.0

Navy (4XZ)
=====

Frequencies (CW):

2800.0 4241.0 4331.0 5159.0 8101.0 12984.0

=====
*Italy
=====

Air Force
=====

IGN-Rome? (USB)

10280.0 tactical paired with 6788.0 (Kosovo Relief Ops)

IEY55/IEY56

11272.0 (USB)

Navy
=====

Frequencies (All USB)

IBO Unknown 4530.0

ICM Sigonella 6693.0 6703.0 6752.0 6755.0 8982.0

ICS La Spezia 4438.5 6873.5

ICT Taranto 4474.0

IDR Rome 2270.2 2285.5 3131.0 3146.0 4721.0 5330.0 6205.5 6433.0

6688.0 6708.0 6733.0 6760.0 6880.0 8715.2 8977.0 8981.0 10498.2

10605.7 11250.0 12238.5 12382.0 12471.7 13216.0 13254.0 13455.2

IGJ Augusta 2274.5 3827.0 4168.5 4745.0 8302.5

IGN Unknown 6788.0

IGY Unknown 2272.5 6733.0

INY NATO Unknown 10315.0

CARB Broadcast IGJ/IDR (RTTY)

2463.1 4214.2 8150.8 8429.5

=====
*Lithuania
=====

Military (USB/ALE) 2710.0

=====
*Mexico
=====

Courtesy of Ron Perron and frequency/address updates by Hugh Stegman

Army

=====

Frequencies (All USB)

4650.0 5252.0 5263.0 6955.0 7777.0 8047.0 8050.0 8084.0 9025.0
9060.0 10135.0 10444.0

ALE Identifiers:

My monitoring indicates that there are at least five categories/ groupings of ALE identifiers used on Mexican Army nets.

Animals 5252.0 5263.0 7777.0 8050.0 10135.0 10444.0
Chacal Jaguar Leon (Lion) Lobito (small wolf?) Pantera (Panther)
Puma Tigre

Countries 9060.0

Espana Espartaco Israel

Minerals/Jewels 4650.0 7777.0 8047.0 8084.0 9060.0 10135.0 10444.0
Acero (chrome steel) Aluminio (aluminum) Cobre (copper) Diamante
(diamond) J5 Jade Zeta(?)

Miscellaneous 8050.0 10135.0
123 Ganzo (?--possible garble)

Planets 6955.0 9025.0 10135.0

Marte (Mars) Tierra (Earth) Universo (Universe) Urano (Uranus) Venus

Regional Net 4650.0 7777.0 9060.0

RM5 RM7 RM9 RM10 RM13 RM16 RM17

=====

*NATO

=====

DHN66 NATO Geilenkirchen

3089.0 Channel A01
3900.0 Channel A02
6691.0 Channel A03 (Secondary)
8980.0 Channel A04
10172.0 Channel A05
10315.0 Channel A06 (Primary)
10429.0 Channel A07
11229.0 Channel A08
? Channel A09
? Channel A10
18009.0 Channel A11

The following frequencies have also been heard with NATO AWACS type traffic, but any possible designators are not known: 4542.0 4758.0
6700.0 6760.0 6762.5 8971.0 8986.0 12165.0 23241.0

=====

*Netherlands

=====

Air Force

=====

Frequencies: 3990.0 4450.0 5086.0 5406.5 8086.0
Bandbox Nieuw Milligan (CRC Radar Control)

Army

=====

2274.0 USB
2275.5 RTTY
2954.0 USB
2955.5 RTTY

3305.5 USB
 3306.5 RTTY
 3813.5 USB
 3815.0 RTTY
 4762.0 USB
 4763.5 RTTY
 4766.0 USB
 4777.5 RTTY
 5032.5 USB
 5034.0 RTTY
 5052.5 USB
 5054.0 RTTY
 5115.0 USB
 5116.5 RTTY
 5133.5 USB
 5135.0 RTTY
 5144.5 USB
 5146.0 RTTY
 5323.5 USB
 5325.0 RTTY
 5388.5 USB
 5390.0 RTTY
 5768.5 USB
 5770.0 RTTY

SFOR deployment
 Mode: USB Freqs: 2552.5 and 4522.5 kHz

Coast Guard

=====
 06550.0 Netherlands Coastguard (also in Den Helder) with Coast Guard
 ships and planes.

Callsigns

 PBDO Vessel "Zeearend"
 Coastguard 01 Dornier DO 228 Coastguard Plane
 Coastguard 02 Westland Lynx Navy helikopter
 Coastguard 03 Orion P-3C Navy Airplane
 Coastguard 04 Police Helicopter
 Coastguard 05 Police Plane
 Den Helder Rescue RCC
 Pedro 2/4/6 Westland Lynx Navy helikopter
 Pluto 1/3/5 Orion P-3C Navy patrouille vliegtuig

Navy

=====
 Warship frequencies (to stations PBB/PBC)
 2121.4 Channel 02A
 2259.4 Channel 02B
 4155.0 Channel 04A
 4161.0 Channel 04B
 4171.5 Channel 04C
 6237.5 Channel 06A
 6242.0 Channel 06B
 8321.0 Channel 08A
 8324.0 Channel 08B
 8337.5 Channel 08C
 12375.5 Channel 12B
 16576.0 Channel 17B

PBV NAS Valkenburg
 Frequencies: 3128.0 5705.0 8971.0 11178.0

Navy Den Helder "De Kooy"
 Ship-to-Shore: 2204.0
 Air-to-Ground (Helicopter): 2753.0
 PBB CARBs broadcast: 3764.4

PBB RTTY Marker: 2845.0
PBC RTTY Marker: 2474.0

Caribbean Operations Frequencies:
8199.6 PJC
11178.0 PJK

CARB Broadcast
PBB: 6483
PBC: 6358.5 8439 12840.7

PBB Navy Den Helder
PBC Goeree Island
PBV NAS Valkenburg
PJC NRN Hato Curacao (Counter-Narco Ops)
PJK Suffisant Curacao (ASW Operations)

=====
*Papua New Guinea
=====

Defense Force
=====

General Purpose Net Frequencies (GPN):
3175.0 LGF Secondary
5746.0 LGG Primary
7496.0 LGH Secondary

Location	Callsign
Port Moresby	P2A2
Lae	P2A3

Defense Force Patrol Boats:
5267.0 7587.0 7767.0 8146.0 9240.0

=====
*Portugal
=====

Air Force
=====

Known frequencies (USB):
5687.0 6685.0 8992.0 9007.0

=====
*Russia
=====

High Command ELF
=====

ELF: The Russian equivalent to our 76/44 Hz ELF submarine communication system operates on 82 Hz. No station location or details are known.

=====
*South Africa
=====

4014.0 Navy ZRH-Silvermine FAX 120/576
Navy ZSJ-Silvermine FAX 120/576
4032.7 Navy ZSJ-Silvermine MFSK32 54.5bd

=====
*Spain
=====

Air Force
=====

Madrid: Callsign Vigia

5699.0 Channel 1A
 6724.0 Channel 1
 8974.0 Channel 3
 9022.0 Channel 3A
 11211.0 Channel 2
 11235.0 Channel 2A
 13215.0 Channel 5
 13245.0 Channel 5A
 15016.0 Channel 4
 15022.0 Channel 4A
 18003.0 Channel 6A
 18018.0 Channel 6

Zaragoza: Callsign Jota

3933.0 5702.0 6715.0 6730.0 9014.0? 11262.0 13245.0 15073.0

Special thanks to the Dutch Military Research Group website (<http://www.dutchmil.com/>) for the new information above.

The Spanish Air Force operates a SAR service around the Spanish mainland and from Gando AB in the Canary Islands. They make extensive use of HF for communications during rescue missions and during exercises. The following frequencies are used: 6737.0 USB(HJ) 4738.5 USB(H24) 3137.0 USB(HN)

They also use the worldwide general calling/emergency frequency of 2182.0 kHz.

The Canarias Rescue Coordination Center (RCC), due to the much larger area they cover, also uses 11406 kHz. They can also be heard on the following frequencies (these are used by request from the network users): 2763.0 3855.0 4790.0 6870.0 9001.0 9437.0 kHz

=====
 *United Kingdom
 =====

Royal Air Force (RAF)

=====
 RAF VOLMET Broadcast

Control Point - RAF High Wycombe

Transmitter: Chelveston, Northamptonshire, England

USB: 5450.0 11253.0 kHz

Airfield weather broadcast are made twice an hour in the time slots indicated below:

Slot 1: H+00/H+30 - Aldergrove, Manchester, Prestwick, London Stansted, Oslo, Cairo, Pristina (+), Gibraltar, Porto, Stavanger

Slot 2: H+06/H+36 - Benson, Brize Norton, East Midlands, Bruggen, Geilenkirchen (+), Hannover, Lyneham, Northolt, Odham, Trondheim, Muscat (+), Salalah

Slot 3: H+12/H+42 - Coltishall, Cranwell, Leeming, Leuchars, Lossiemouth, Marham, St. Mawgan, Waddington, Linloss, Shawbury, Coningsby, Thumrait (+)

Slot 4: H+18/H+48 - Ascension, Bahrain, Brize Norton, Banjul (+), Dakar, Keflavik, Nairobi, Mombassa, Montevideo, Rio de Janeiro

Slot 5: H+24/H+54 - Adana (Incirlik), Akrotiri, Ancona, Aviano, Gioia del Colle, Rimini, Rome/Ciampino, Skopje, Split, Waddington, Bari (+)

The ones suffixed with '+' are additional airfields which are added as required, and have a human voice announcing them, rather than the electronic voice. Some of these other optional airfields can be included in the broadcast in the possible slots indicated below:

Slot 1: Edinburgh, London Gatwick, London Heathrow, Luton, Newcastle, Stavanger, Teesside, Trondheim, Vaerlose

Slot 2: Hamburg, Munster, Ramstein

Slot 3: Coningsby, Shawbury, Yeovilton

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Slot 4: Cairo, Hurghada, Jeddah, Punta Arenas, Recife
Slot 5: Catania, Faro, Lisbon, Palermo, Rome, Sarajevo

From the RAF Enroute Supplement, the UK equivalent of the US Department of Defense Instrument Flight Rules Supplement (IFR)

*Strike Command Integrated Communications System (STCICS)

Callsign: Voice: Architect CW: MLD or MLP

Transmitter: Chelveston, Northamptonshire, England

Frequencies:

4742.0 5714.0 6739.0 9031.0 11205.0 18018.0 (Group A - see below)
4540.0 5450.0 8190.0 11253.0 13257.0 15031.0 (Group B - see below)
2591.0 11247.0

Group A has the QNH broadcast at H+00 and Airfield color state broadcast at H+30.

Group B has RAF German airfield flying states at H+15 and H+45.

*RAF Flight Watch Centers

Ascension Callsign: Haven

Frequencies: 4742.0 (2000-0800 UTC) 9031.0 (0800-2000 UTC) 11247.0

All frequencies carry a weather broadcast at H+45

Cyprus Callsign: Cyprus

Frequencies: 4742.0 9031.0 (1600-0500 UTC) 11247.0

4742.0 and 11247.0 carry weather broadcast at H+15

Gibraltar Callsign: Gibraltar

Frequencies: 4742.0 9031.0 11247.0

Mount Pleasant, Falkland Islands Callsign: Viper

Frequencies: 9031.0 11247.0

UKADGE HF Line Designator List

=====
How to find which frequencies are active. Listen to the Architect weather broadcast at H+00 and H+30 (see above). If the UKADGE circuits are active, there will be an announcement after the weather broadcast with the code-letters for the active frequencies. For example: "Additional information.. 2.. PK.. tack..401C.. tack.. AG" (which is repeated twice).

The first number indicates which Air Defense radar station is active

- 1 - Buchan, Boulmer and Benbecula
- 2 - Buchan
- 3 - Boulmer (has not been heard for many years)
- 4 - Neatishead

The first 2-letter-group is the code for the active HF frequency from the list below. It is sometimes referred to as the 'JAAWSK Frequency' (Joint Anti-air Warfare Shore Co-ordination). It carries most of the voice traffic, including target positions and Beaver details. This channel also carries frequency changes and position reports.

The third group is the Charlie squared channel, where AWACS aircraft pass their radar data over a HF link. Known frequencies are:

2250.5 401A
33???.0 401B (exact freq unknown)
4478.5 401C
6673.5 401D
8500.5 401E

The final group is known as chick co-ordination, where combat aircraft which are HF-capable can be passed target positions and other information.

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In the example above, Buchan is the ADR station, using 5095 khz for voice traffic, the AWACS are using 4478.5 khz, and the chicks are on 4745 khz.

A	11205.0	AB	5693.0	AC	8156.0	AD	9010.0
AE	3939.0	AF	9022.0	AG	4745.0	AH	3930.0
AK	3038.0	AP	11181.0	AQ	2396.0	AW	4042.0
AZ	23281.0	B	6739.0	BA	17970.0	BE	18018.0
BF	3083.0	BJ	17988.0	BK	3945.0	BL	11268.0
BS	18000.0	BT	2350.0	BX	8989.0	CA	6736.0
CM	18009.0	CO	23245.0	CY	3119.0	CZ	29800.0
D	4706.0	DA	5436.0	DB	15091.0	DH	15013.0
DM	8998.0	DQ	17995.0	DS	4739.0	DT	18024.0
DW	9031.0	E	3924.0	EA	10512.0	EF	5720.0
EH	11259.0	EI	23270.0	EK	11235.0	EM	15025.0
EN	15076.0	EP	15040.0	EX	11184.0	EZ	11253.0
F	13257.0	FA	3101.0	FG	11208.0	FM	5405.0
FS	4742.0	FT	13218.0	FV	15064.0	FW	3131.0
G	3915.0	GA	15061.0	GD	2274.0	GT	26385.0
H	15031.0	HE	3942.0	HJ	8983.0	HK	9034.0
HM	6748.0	HO	13206.0	HW	11247.0	HX	23257.0
HZ	13248.0	I	13236.0	IN	17982.0	IP	27000.0
J	8980.0	KA	3380.0	KD	3867.0	KH	12057.0
KJ	4718.0	KP	2641.0	KR	4484.0	KT	5420.0
KW	2261.0	KX	2577.0	L	5447.0	LA	3036.0
LB	3092.0	LC	6701.0	LD	15046.0	LE	15072.0
MB	2266.0	MC	5270.0	MD	18850.0	ME	14460.0
MS	3218.0	NJ	5705.0	PA	3302.0	PE	6760.0
PF	10634.0	PH	8971.0	PK	5095.0	PO	6715.0
PR	3864.0	PZ	14724.0	QB	3512.0	QR	8972.0
QV	3095.0	RA	8190.0	RD	6691.0	RE	5178.0
RH	5695.0	RM	3110.0	RZ	9459.0	SA	2762.0
SE	14812.0	ST	2591.0	TG	6724.0	TO	3391.0
TQ	3345.0	TS	5684.0	TW	4709.0	UA	4724.0
UB	10919.0	UR	17979.0	UT	4540.0	VE	11217.0
W	5747.0	WG	3125.0	WM	3026.0	X	3224.0
XA	5403.0	YC	11241.0	YM	13211.0	YP	23250.0
YZ	20030.0	ZF	3763.0	ZZ	5714.0		

Air Northwest JAAWSK (Joint Anti-air Warfare Shore Coordination)

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The RAF (and other NATO forces) seem to be using a new set of codes to identify their HF frequencies.

Unknown designator

2031.0	2307.0	3343.0	3404.0	3943.0	4502.0
4763.0	5350.0	5392.0	6835.0	6882.0	7919.0
10325.0	10585.0	10830.0	12198.0	14568.0	16344.0

3301.0	Golf 01
3235.0	Golf 02
4572.0	Golf 08

9010.0	Hotel 05
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HF?	Kilo 01
2712.0	Kilo 04
4530.0	Kilo 05
4020.0	Kilo 06
4724.0	Kilo 07
4860.5	Kilo 08
4920.0	Kilo 09
5173.0	Kilo 10
5277.0	Kilo 11
5290.0	Kilo 12
5395.0	Kilo 13
7415.0	Kilo 14

7860.0 Kilo 15
 3305.0 Kilo 17
 UHF Kilo 18
 UHF Kilo 19
 UHF Kilo 20
 4785.0 Kilo 22
 4779.0 Kilo 24
 HF? Kilo 25
 UHF Kilo 26
 UHF Kilo 27
 HF? Kilo 28 (Beaver HF?)
 4477.0 Kilo 30
 5045.0 Kilo 31
 5385.0 Kilo 33
 5463.0 Kilo 34
 4012.0 Kilo 36
 UHF Kilo 55
 UHF Kilo 56

Joint Maritime Course Frequencies

=====

Three times a year the Royal Air Force hosts a number of military ships, submarines and aircraft for a series of 2-week exercise around the coast of the UK. This is known as the JMC - Joint Maritime Course.

The forces are split into two opposing forces, and they use an extensive network of HF frequencies for voice co-ordination and encoded data transmissions of radar pictures (known as Link 11). Each HF frequency is given a KJ designator, and these run from KJ01 up to at least KJ50. Some of these frequencies are in the UHF military aircraft band. The tie-up between designator and frequency changes with each JMC course conducted. During some JMC's some designators are on UHF frequencies in one course and on HF frequencies in the next course.

The following JMC frequencies are known:

3343.0 3357.0 3805.0 4477.0 4484.0 4502.0 4778.5 4860.5 5045.0
 5091.5 5206.0 5267.0 5276.5 5280.0 5310.0 5385.0 5460.0 5733.0
 5910.0 6224.0 6237.0 6697.0 6779.0 6882.0 6940.0 7795.0 7934.0
 9394.0 11149.0

Royal Navy (RN)

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Warship Frequencies

2487.0 Channel 02 Ships working MTI
 2662.4 Channel 02P Ships working GYA/MGJ
 2760.4 Channel 02Q Ships working GYA/MGJ
 3806.4 Channel 03P Ships working GYA/MGJ
 4153.0 Channel 04 Ships working MGJ on 3390 kHz
 4153.9 Channel 04P Ships working GYA/MGJ
 4879.9 Channel 04Q Ships working GYA/MGJ
 6246.9 Channel 06P Ships working GYA/MGJ [was 6242.9 kHz]
 8144.9 Channel 08P Ships working GYA/MGJ
 8179.9 Channel 08Q Ships working GYA/MGJ
 8339.0 Channel 8A? Ships working GYU
 12377.9 Channel 12P Ships working GYA/MGJ
 12381.9 Channel 12Q Ships working GYA/MGJ
 12389.0 Channel 12A Ships working GYU
 16550.9 Channel 16P Ships working GYA/MGJ
 16566.9 Channel 16Q Ships working GYA/MGJ
 22193.9 Channel 22P Ships working GYA/MGJ
 25142.9 Channel 25P Ships working GYA/MGJ

GYA London
 GYU Gibraltar
 MGJ Faslane
 MTI Plymouth

Northwood FAX Service

=====
 2617.0 6834.0 8652.0 10576.5 12390.0 14356.0 18261.0

Irish Navy
 =====

SITOR-A 2461.5
 CODAN PSK <F7> 5254.0

=====
 *Ukraine
 =====

Military Net (CW) 2598.0

=====
 *Venezuela
 =====

Venezuelian military material below is courtesy of Ron Perron.

Air Defense Command
 =====

Venezuelan Air Defense Command- ALE

This net serves various air defense missile sites and surveillance radar units based at/near Venezuelan Air Force bases and other strategic locations.

Frequencies:

5695.0 7810.0 9065.0 11130.0 13475.0

ALE Identifiers:

CDDA	Air Defense Command Center (Centro de Defensa Aerea)- El Libertador Airbase
GURI	Air Defense site at Guri Dam
MENE or Menemauroa	Air Defense site
MAR or Maracay	Air Defense site
PTOORDAZ or PTO	Puerto Ordaz Air Defense site
GUA or Guasualito	Air Defense site
MARGARITA	Isla Margarita Air Defense site
MONTECANO	Air Defense site
PTOFIJO or Puerto Fijo	Air Defense site

Army
 =====

Venezuelan Army Abbrevs:

CGE	Army Headquarters (Cuartel General de Ejercito)
CLC	Communications Logistics Center (Centro Logistico Comunicaciones)
CLM	Maintenance Logistics Center (Centro Logistico Mantenimiento)
CRC	Regional Communications Center (Centro Regional de Comunicaciones)
PCRC	Rear Command Post (Communications) (Puesto de Commanda Retrasado Comunicaciones)
PNME	Riverine Forces River Post
SCLC	Communications Logistics Service Center (Servicio Centro Logisitico de Comunicaciones)
SCLM	Maintenance Logistics Service Center (Servicio Centro Logistico Mantenimiento)
SIB	Unknown
SIT	Unknown
SKI	Unknown

These equations are based upon my own research and analysis using Spanish-language resources and glossaries. I'm relatively certain that the equations for CGE and CRC are correct. According to various sources the Venezuelan Army has divided up the country into 6 Military Regions/Zones. This corresponds nicely to the CRC# identifiers I've seen so far. The other equations are, as I said my own derivations, and are open for discussion. I haven't seen enough of the three letter identifiers (SIB, SIT, SKI, etc) to have any equations for them.

Here are the net/frequency breakdowns that I have come up with so far.

1st Infantry Division
13500.0

2nd Infantry Division
9232.0 10156.0 11610.0

3rd Infantry Division:
9259.0 13506.0

4th Infantry Division:
12185.0 13455.0

5th Infantry Division:
12191.0 14569.0

National Guard

=====

ALE Frequencies (USB):
7849.0 9052.0 10272.0 10600.0

ALE Identifiers:

CGGN Cuartel General de Guardia Nacional-Venezuelan National
Guard HQs
VARGAS Comando de Vigilancia Costera, La Guaira, Estado Vargas.
DESTAFAC23 Destacamento 23 de las Fuerzas Armadas de Cooperación-
National Guard (Naval Component) Detachment 23
CORE7 Comando Regional número 7, Commander Region, Puerto La Cruz
CUF CUFAN--Unified Command of National Armed Forces
CUFAN3 Sub-unit of Unified Command of National Armed Forces
C5F Asuntos Civiles (Civil Affairs) C5
PORLAMAR Destacamento de Apoyo Aereo #7, Air Support Detachment #
7, Parlomar Airport)

NOTE:

1. Comando de Vigilancia Costera is the naval component of the Venezuelan National Guard. There are seven detachments of the Vigilancia Costera and four detachments of the Vigilancia Fluvial (River Forces)

2. Comando de Apoyo Aero is the air component of the Venezuelan National Guard

Navy

=====

ALE Frequencies:
9350.0 (LSB) 10650.0 (LSB)

ALE Identifiers:

ARMARIO Puerto Cabella Naval base (named after Agustin Armario de
Puerta Cabella)
BDIRCO Marine Combat Engineer Battalion
BNARCO Armario Naval base
DCCOP Direccion de Coordinacion Y Control Operacional
F-21 Frigate Mariscal Sucre
F-22 Frigate Almirante Brion
F-26 Frigate Almirante Garcia
T-61 LSM Capana
T-63 LSM Gojaira
T-64 LSM Los Llanos

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GOVERNMENT NETS

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*Australia

+++++

Australian Customs Service

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Frequencies (USB): 2148.0 5285.0 7960.0 10435.0 13591.0

*UNITED STATES GOVERNMENT LISTINGS

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U.S. Government SHARES (Shared Resources) Program

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SHARES Coordination Network (SCN)

- 4490.0 Channel 3/SCN ALE Net
- 4573.5 Alternate frequency for channel 1 voice check-in
- 5236.0 Channel 1/SCN Voice Net
- 5711.0 Channel 4/SCN ALE Net
- 6800.0 Channel 9/SCN BBS Net
- 9106.0 Channel 5/SCN ALE Net
- 10586.5 Channel XF
- 11217.0 Channel 6/SCN ALE Net
- 13242.0 Channel 10/SCN BBS Net (G-TOR)
- 14396.5 Channel 2/SCN Voice Net
- 14898.5 Alternate frequency for channel 2 voice check-in
- 15094.0 Channel 7/SCN ALE Net
- 17487.0 Channel 8/SCN ALE/STI Net

SHARES coordination stations conduct a weekly SHARES net on the ten SCN channels every wednesday from 1600-1800 UTC.

Large scale annual SHARES exercises are conducted in April, August and December.

SCN Operational Levels

SCN Operational Levels are designed to improve the responsiveness of the SHARES Coordination Network during emergencies. SCN Operational Levels are defined as follows:

Operational Level 3 - Conditions normal. No emergency exists. The ten-channel SCN may be used by SHARES station personnel for training and non-emergency operations.

Operational Level 2 - Emergency potential exists. Non-emergency operations on the SCN suspended. SCN monitoring increased. Check-in windows established on the national and regional nets to receive Stations Availability Reports.

Operational Level 1 - Emergency exists. SHARES message support required. National and regional nets maintain full-period operations to receive Station Availability Reports, to list SHARES message traffic, and to coordinate the processing of SHARES messages.

U.S. Immigration and Customs Enforcement (ICE)

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The COTHEN (Customs Over the Horizon Enforcement Net) HF radio system seems to have replaced the older JTF designated systems.

- 5732.0 Scan 1
- 7527.0 Scan 2
- 8912.0 Scan 3
- 10242.0 Scan 4
- 11494.0 Scan 5
- 13907.0 Scan 6
- 15867.0 Scan 7
- 18594.0 Scan 8
- 20890.0 Scan 9
- 23214.0 Scan 10
- 25350.0 Scan 11

Here are the confirmed HF COTHEN stations and their callsigns

KAE 315 Miami, Florida
 KAE 326 Las Vegas, Nevada
 KAE 371 Boston, Massachusetts
 KAE 378 Reno, Nevada
 KAE 381 Homestead, Florida
 KAE 384 Wilmington, North Carolina
 KAE 388 Riverside, California
 KAE 398 Washington, District of Columbia
 KAE 462 Houston, Texas
 KAE 470 New Orleans, Louisiana
 KAE 484 Denver, Colorado
 KAQ 687 Beaufort, North Carolina
 KAQ 688 New Bern, North Carolina
 KEB 762 Albuquerque, New Mexico
 KEB 765 Myrtle Beach, South Carolina
 KOQ 434 Morehead City, North Carolina
 KOQ 682 Cedar Rapids, Iowa
 KPS 357 Salt Lake City, Utah
 KPS 387 Hampton, Georgia
 KPS 394 Cape Charles, Virginia
 KPS 395 Atlanta, Georgia
 KPS 396 Memphis, Tennessee
 KZP 602 Oklahoma City, Oklahoma
 KZP 604 Nashville, Tennessee
 KZP 606 Kansas City, Missouri

There are two other known stations in the COTHEN HF net we do not have calls for. They are located in Lovelock and Fallon, Nevada. Can anyone help on these two stations?

Selected voice calls monitored on COTHEN

15C USCG HH-60J
 18C USCG HH-60J
 38C USCG HH-60J
 F35 USCG HU-25
 F39 USCG HU-25
 F40 USCG HU-25
 503 USCG HC-130
 718 USCG HC-130
 707 USCG HC-130
 1716 USCG HC-130

U.S. Drug Enforcement Administration

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5277.0	Alpha (Night DEA Primary)
5841.0	Bravo
7300.0	Charlie
9497.0	Delta
11076.0	Echo (Day DEA Operations)
7657.0	Foxtrot
14690.0	Golf
18666.0	Hotel (Reportedly returned to FBI in 1995)
23675.0	India
14350.0	Lima
14686.0	Papa (DEA day Primary)
23402.5	Romeo
?	Sierra Alpha
?	Sierra Bravo
11073.5	Sierra Echo
17171.0	Sierra Hotel
18171.0	Sierra India (Reportedly returned to FBI in 1995)
19131.0	Sierra Juliet
?	Sierra Lima

WUN member John Bohn offered some updates to the "Sierra" frequencies listed above, but is looking for the frequency assigned to the 'Sierra

Lima' designator. John says that if you have access to an FCC database, try searching for the frequencies assigned to Rockwell International with the following callsigns:

KA2XXA Richardson, TX
 KC2XKG Cedar Rapids, IA
 KC2XKJ Newport Beach, CA

The unknown "SB" and "SL" frequencies may be one of the following: 26946.0, 20348.5, 17171.0, 16376.0 and 16341.0 kHz. Rick Baker says that 18971.0 kHz may also be another.

U.S. Federal Aviation Administration
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 HF Recovery Communications (RCOM)

The Recovery Communications (RCOM) Program, mandated by a variety of United States national level documents including Presidential Executive Orders and National Security Decision Directives, was established to encompass all FAA emergency command and control communications (C3) systems and projects under one program. Emergency C3 systems are defined as those means of communications that the FAA employs to direct management, operations, and reconstitution of the National Airspace System (NAS) in support of Federal Aviation Administration (FAA), Department of Transportation (DOT), and Department of Defense (DOD) missions during national disasters or national security emergencies.

The FAA maintains a variety of fixed-position, portable, and transportable C3 communications systems for use in support of emergency operations. One such commonly heard C3 system is the RCOM/NARACS High Frequency/Single Side Band (HF/SSB) Net.

In 1995, the FAA approved the deployment of the RCOM HF/SSB upgrades and a five-year contract was awarded to Eastern Computer Incorporated (ECI) for the purpose of upgrading the FAA RCOM/National Radio Communications System (NARACS) HF network. ECI has installed the RCOM HF/SSB upgrade at all the FAA Region Offices and Emergency Operations Centers, and is the final phases of installing the NARACS/ALE upgrades at all Air Route Traffic Control Centers (ARTCCs).

FAA HF connectivity nets are conducted on Wednesday UTC. The East Coast net meets at 1545 UTC on 8125.0 kHz with KIT 88 as net control. The West Coast net was last reported on 13630.0 kHz at 1845 UTC.

FAA Recovery Communications/National Radio Communications System (RCOM/NARACS) HF SSB Network (U=USB/L=LSB)
 Frequencies (including ALE): 5860.0U 6870.0U 6870.0L 7475.0U/L 7611.0U/L 8125.0U/L 9114.0U/L 11637.0U 13457.0U 13630.0U 15851.0U 16348.0U kHz

ALE Add Location	Miscellaneous Information
DEFAULT Unknown	Probably a FAA unit that has not set their ALE ID properly in their unit
FAA Unknown	Probably not a properly loaded unit, has not been seen as a regular participant on the net
FAAAAL Anchorage, AK	KDM 53-Alaska Region Office/EOC
FAAAE Kansas City, MO	KKU 40-Central Region Office/EOC
FAAACT Atlantic City, NJ	KLM 80-William J. Hughes Tech Center
FAAACY Atlantic City, NJ	WHZ 74-Flight Inspect Field Office
FAAAEA Jamaica, NY	KJK 82-Eastern Region Office/EOC
FAAAGL Des Plaines, IL	WHX 51-Great Lakes Region Office/EOC
FAAANE Burlington, MA	WHX 45-New England Region Office/EOC
FAAANC Anchorage, AK	WHZ 73-Flight Inspect Field Office
FAAANM Renton, WA	WHX 20-NW Mtn Region Office/EOC
FAAASO College Park, GA	KDM 49-Southern Region Office/EOC
FAAASW Fort Worth, TX	KDM 47-Southwest Region Office/EOC
FAAATL Atlanta, GA	KLM 44-Flight Inspect Field Office
FAAAWP Fremont, CA	KMR 96-Oakland ARTCC

WUN-v10

FAABTL	Battle Creek, MI	KLM 43-Flight Inspect Field Office
FAADCA	Washington, DC	KEM 80-FAA Headquarters
FAAECE	Unknown	Eastern Computer Incorporated Contractor for
FAA ARTCC	RCOM HF Network	upgrade)
FAAEKN	Unknown	And this is NOT a stn in Elkins, WV
FAAKLO	Boonsboro, MD	KLO 87-FAA Emergency Relocation Site
	<Tentative ID>	
FAALGT	Longmont, CO	KCP 63-Western US C3 NCS/SCS Mtn
FAAMRB	Martinsburg, WV	KIT 88-Eastern US C3 Net NCS
FAAOEX	Oklahoma City, OK	KIA 21-FAA Aeronautical Center
FAAOKC	Oklahoma City, OK	WHZ 77-Flight Inspect Field Office
FAASAC	Sacramento, CA	WHZ 78-Flight Inspect Field Office
FAASJU	San Juan, PR	KDM 45-San Juan ARTCC
FAAZAB	Albuquerque, NM	KGH 23-Albuquerque ARTCC
FAAZAN	Anchorage, AK	KBX 44-Anchorage ARTCC
FAAZBW	Nashua, NH	KLD 70-Boston ARTCC
FAAZDC	Leesburg, VA	KJK 80-Washington ARTCC
FAAZDV	Longmont, CO	KCJ 70-Denver ARTCC
FAAZFW	Fort Worth, TX	KBQ 25-Fort Worth ARTCC
FAAZHU	Houston, TX	KMU 31-Houston ARTCC
FAAZID	Indianapolis, IN	KLB 48-Indianapolis ARTCC
FAAZJX	Hilliard, FL	KJK 79-Jacksonville ARTCC
FAAZKC	Olathe, KS	KKA 82-Kansas City ARTCC
FAAZLA	Palmdale, CA	KJK 77-Los Angeles ARTCC
FAAZLC	Salt Lake Cty, UT	KDC 20-Salt Lake City ARTCC
FAAZMA	Miami, FL	KMA 47-Miami ARTCC
FAAZME	Memphis, TN	KDM 52-Memphis ARTCC
FAAZMP	Farmington, MN	KCJ 20-Minneapolis ARTCC
FAAZNY	Ronkonkoma, NY	KCD 73-New York ARTCC
FAAZOA	Fremont, CA	KMR 96-Oakland ARTCC
FAAZOB	Cleveland, OH	KLA 25-Cleveland ARTCC
FAAZSE	Auburn, WA	WHX 44-Seattle ARTCC
FAAZTL	Hampton, GA	KUV 64-Atlanta ARTCC
FAAZUA	Aurora, IL	KJB 96-Chicago ARTCC

1. FAA Southern Net meets on wednesday at 0900 ET on 6870 khz LSB
 2. FAA Western Net meets on wednesday at 1230 ET on 13457 khz USB
 3. FAA Eastern Net meets on wednesday at 1045 ET on 8125 khz USB
- NCS: KIT88. Regular checkins: KEM80, KLM80, KLO87, KJK82, WHX45, KLD70, KJK80, WHX51, KJB96, KLA25, KLB48, KCJ20, KIA21, KDM49, KJK79, KMA47, KDM52, KUV64

Special thanks to Jack Metcalfe for his assistance in this section.

U.S. Federal Emergency Management Agency

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FEMA uses "Foxtrot" designations for their frequencies. Be sure to monitor both the USB and LSB side of each of these frequencies below for activity.

FEMA National Radio System (FNARS) HF Frequencies

F-01 2320.0	F-02 2360.0	F-03 2377.0	F-04 2445.0
F-05 2658.0*	F-06 3341.0*	F-07 3379.0	F-08 3388.0**
F-09 4603.0	F-10 4780.0**	F-11 5211.0	F-12 5378.0**
F-13 5402.0**	F-14 5821.0	F-15 5961.0**	F-16 6049.0
F-17 6106.0	F-18 6108.0	F-19 6151.0**	F-20 6176.0
F-21 6809.0*	F-22 7348.0*	F-23 7428.0**	F-24 9462.0*
F-25 10194.0*	F-26 10493.0*	F-27 10588.0*	F-28 11721.0
F-29 11801.0	F-30 11957.0	F-31 10899.0**	F-32 11108.0**
F-33 12129.0	F-34 12216.0*	F-35 11545.0	F-36 13446.0*
F-39 13780.0	F-38 13894.0**	F-37 13935.0	F-48 13956.0
F-41 14450.0	F-40 14567.0	F-42 14776.0*	F-43 14836.0
F-47 14871.0	F-44 14885.0*/**	F-45 14899.0**	F-46 14908.0**
F-50 15708.0*	F-49 15840.0	F-51 16201.0*	F-52 16238.0
F-53 17519.0*	F-54 18483.0	F-55 18744.0	F-57 19969.0*
F-58 20027.0	F-59 20063.0	F-56 20361.0	F-60 21866.0*
F-61 21919.0	F-62 22983.0*	F-63 23028.0	F-64 23390.0
F-65 23451.0	F-66 23550.0	F-67 23814.0	F-68 24008.0

WUN-v10

F-69 24282.0 F-70 24526.0* F-71 24819.0
* indicates an old FEMA ALE network frequency
** indicated a new FEMA ALE network frequency

Note: It would appear that the designators above have changed and reports on this system would be appreciated.

Jack Metcalfe reported on the last weekend in July 2003 a new series of frequencies for the FEMA ALE net that have replaced the frequencies above. Please note the following frequencies are being used:

10899.0 11108.0 12112.0 13894.0 14885.0 14899.0 14908.0

Other FEMA ALE Frequencies

2414.0 4490.0 5135.0 5711.0 6151.0 7805.0 7806.4 8012.0 8050.0
9106.0 10899.0 11108.0 11217.0 12112.0 11957.0 13984.0 15094.0
17487.0 20107.0 22953.0

The information below was published in official MARS documents that are openly available on several internet websites. According to these MARS documents these designators are to be used by the membership in order to provide some sort of security for the FEMA National Emergency Coordination Net (NECN). The various MARS branches are suppose to use the designators below instead of announcing frequencies on the air.

Designator	Frequency	Mode
FEMA-1U	5211.0	USB
FEMA-1L	5211.0	LSB
FEMA-2U	10493.0	USB
FEMA-2L	10493.0	LSB
FEMA-3U	14567.0	USB
FEMA-3L	14567.0	LSB
FEMA-4U	13956.0	USB
FEMA-4L	13956.0	LSB

Other FEMA HF Assignments

2220.0 2258.0 2280.0 2317.5 2652.0 3206.5 3224.0 3342.5 4018.5
4023.5 4031.5 4441.5 4598.5 4608.5 4883.5 4886.5 5303.5 5379.5
5935.0 6804.5 6996.5 7361.5 8051.5 8161.5 9122.5 10871.5 11995.5
12112.0 12250.5 13451.0 16315.5 17461.5 17481.5 17501.5 20414.0
20444.5 20447.5 24060.0 24105.0 24135.0 24160.0 24191.0

Also published on open internet websites the following callsign list. MARS has now assigned callsigns listed below to the FEMA Mobile Emergency Response Support (MERS) Detachment Stations.

- A. FEMA REGION 1:
 - AAN1FMA, MAYNARD, MA
 - AAN1FMB, MOBILE
 - AAN1FMC, MOBILE
 - AAN1FMD, MAYNARD, MA
- B. FEMA REGION 3
 - AAN3FMA, MT. WEATHER, VA
- C. FEMA REGION 4
 - AAN4FMA, THOMASVILLE, GA
 - AAN4FMB, MOBILE
 - AAN4FMC, MOBILE
 - AAN4FMD, MAYNARD, GA
 - AAN4FME, MAYNARD, GA
- D. FEMA REGION 6
 - AAN6FMA, DENTON, TX
 - AAN6FMB, MOBILE
 - AAN6FMC, MOBILE
 - AAN6FMD, DENTON, TX
 - AAN6FME, DENTON, TX
 - AAN6FMF, DENTON, TX
 - AAN6FMG, DENTON, TX
- E. FEMA REGION 8

AAN8FMA, DENVER, CO
 AAN8FMB, MOBILE
 AAN8FMC, MOBILE
 AAN8FMD, DENVER, CO
 F. FEMA REGION 10
 AAN0FMA, BROTHELL, WA

Scheduled Government HF Nets

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Here is a list of the known United States Government nets.

++Federal Aviation Administration++

Southern Region Net meets on wednesday at 0900 ET on 6870.0 LSB
 Eastern Region Net meets on wednesday at 1045 ET on 8125.0 USB
 Western Region Net meets on wednesday at 1230 ET on 13457.0 USB

Note: I have not monitored these nets in some time. If no reports are received in the near future I will remove them from these listings-LVH

++Federal Highway Administration (FHWA) Region 7 Coordination Net++

This net starts at 1000 ET every wednesday using the following times and frequencies (last heard 20 Aug 2003):

Time(H+min)	Freq	Desig	Freq (kHz)
H+00	F-14		4821.0
H+10	F-02		5255.0
H+20	F-03		7419.5
H+30	F-04		9197.0
H+40	F-05		10891.0
H+50	F-42		13434.0
H+60		Net Terminated	

++Missouri State Emergency Communications Net++

Wednesday weekly net at 0930 CT (1530 winter/1430 summer UTC) on 5140.0 KHZ USB.

++New Hampshire Emergency Operations Centers++

Here's what Ron Perron has compiled on the New Hampshire Emergency Operations Center net. It is stuff that Jack Metcalfe, Mike Chace and Ron have all posted. Jack did the original work on the frequencies and ALE addresses. The net just grew from there as we listened in.

Confirmed Freqs (All USB/ALE):

2414.0 5135.0 5136.6 5192.0 5193.4 7805.0 7806.4

ALE Identifiers:

BE1RL Berlin EOC
 CE1NT Centerville EOC
 CO1NC Concord EOC
 HI1LL Hillsborough EOC
 KE1EN Keene EOC
 LA1NC Lancaster EOC
 MI1LF Milford EOC
 NA1SH Nashua EOC
 PE1TE Peterborough EOC
 RO1CH Rochester EOC
 WPFJ625 New Hampshire State EOC, Concord NH

++Ohio Disaster Services Agency++

Tuesday weekly net at 1400 UTC on 4640.0 kHz USB.

Anyone else have any scheduled HF government nets they are aware of?

++Shared Resources (SHARES)++

SHARES Coordination stations conduct a weekly net on all ten SCN frequencies (see US Government SHARES Program section below). The net is operational weekly on wednesday from 1600-1800 UTC.

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N A U T I C A L N E W S

Utility Monitoring in the Maritime Bands

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Welcome to the July 2004 Nautical News

.....Tokyo Radio/JBO

This station provides an HF RT service. The following channels are available with watch keeping as indicated (H24).

JBO	Ship	[ITUchan]	Remarks
4375	4083	[407]	
4408	4116	[418]	
4417	4125	[421]	H24
4429	4137	[425]	
4432	4140	[426]	
8746	8222	[810]	Tfc list at 1030 1230
8752	8228	[812]	
8758	8234	[814]	
8776	8252	[820]	
8779	8225	[821]	H24
13095	12248	[1207]	Tfc list at 0630 0830
13098	12251	[1208]	
13110	12263	[1212]	
13128	12281	[1218]	
13137	12290	[1221]	H24
17251	16369	[1604]	Tfc list at 0030 0230 0430
17257	16375	[1606]	
17266	16384	[1609]	
17302	16420	[1621]	H24
17335	16453	[1632]	
22717	22021	[2208]	
22756	22060	[2221]	H24
22774	22078	[2227]	
22801	22105	[2236]	
22813	22117	[2240]	

Stockholm Radio/SDJ

The HF RT service provides the following channels with watch keeping as indicated.

SDJ	Ship	[ITUchan]	Remarks
4357	4065	[401]	

			WUN-v10
4414	4122	[420]	2100-0500
4426	4134	[424]	
6507	6206	[603]	
6513	6212	[605]	
8719	8195	[801]	H24
8725	8201	[803]	
8791	8267	[825]	
8797	8273	[827]	
13083	12236	[1203]	H24
13119	12272	[1215]	
13131	12284	[1219]	
13152	12305	[1226]	
17254	16372	[1605]	0500-2100
17263	16381	[1608]	
17281	16399	[1614]	
17362	16480	[1641]	
19764	18789	[1804]	
19791	18816	[1813]	
22702	22006	[2203]	
22726	22030	[2211]	
22732	22036	[2213]	
22777	22081	[2228]	
22783	22087	[2230]	
26160	25085	[2506]	
26169	25094	[2509]	

No traffic lists are indicated for HF.

An MF RT service is available on the Swedish coast with the following channels operating from the remote facilities indicated.

SDJ	Ship	Facility	Remarks
1674	2099	Stavsnas	*
1710	2135	Valida	*
1779	2123	Bjuroklubb	*
1797	2060	Gislovshammer	*
2733	2216	Harnosand	*
2754	2206	Stavsnas	

Traffic lists are transmitted on frequencies * at 0333 0733 15333 1933 and 2333z.

Also transmitted on * frequencies are Gale and Navs warnings as required at 0333 0733 1133 1533 1933 and 2333 with wx synopsis/forecasts at 0733 and 1933z.

.....Maritime Spectrum

As a reminder to the partitions or sub bands into which the maritime HF spectrum is divided.

Sub-band limits		Grouping	----Channels----	
-----		-----	Nr.	Sep(kHz)
4063	4065	Ship oceanographic	6	0.3
4065	4146	Ship duplex RT inc 4125 #	27	3
4146	4152	Ship/Coast Simplex RT	2	3
4152	4172	Ship wideband telegraphy	5	4
4172	4181.75	Ship NBDP duplex	18	0.5

WUN-v10

4181.75	4186.75	Ship WT calling	10	0.5
4186.75	4202.25	Ship WT working	31	0.5
4202.25	4207.25	Ship NBDP non-paired/WT working	10	0.5
4207.25	4209.25	Ship DSC inc GMDSS alert 4207.5	4	0.5
4209.25	4219.25	Coast NBDP duplex inc HF MSI *	20	0.5
4219.25	4221	Coast DSC	3	0.5
4221	4351	Coast WT, Data etc	---	
4351	4438	Coast RT duplex	29	3
6200	6224	Ship duplex RT inc 6215 #	8	3
6224	6233	Ship/Coast Simplex RT	3	3
6233	6261	Ship wideband telegraphy	5	4
6261	6262.75	Ship oceanographic	5	0.3
6262.75	6275.75	Ship NBDP duplex	25	0.5
6275.75	6280.75	Ship WT calling	10	0.5
6280.75	6284.75	Ship NBDP duplex	8	0.5
6284.75	6300.25	Ship WT working	31	0.5
6300.25	6311.75	Ship NBDP non-paired/WT working	23	0.5
6311.75	6313.75	Ship DSC inc GMDSS alert 6312	4	0.5
6313.75	6330.75	Coast NBDP duplex inc HF MSI *	34	0.5
6330.75	6332.5	Coast DSC	3	0.5
6332.5	6501	Coast WT, Data etc	---	
6501	6525	Coast RT duplex	8	3
8195	8294	Ship duplex RT inc 8291 #	33	3
8294	8300	Ship/Coast Simplex RT	2	3
8300	8340	Ship wideband telegraphy	10	4
8340	8341.75	Ship oceanographic	5	0.3
8341.75	8365.75	Ship WT working	48	0.5
8365.75	8370.75	Ship WT calling	10	0.5
8370.5	8376.25	Ship WT working	11	0.5
8376.25	8396.25	Ship NBDP duplex	40	0.5
8396.25	8414.25	Ship NBDP non-paired/WT working	36	0.5
8414.25	8416.25	Ship DSC inc GMDSS alert 8414.5	4	0.5
8416.25	8436.25	Coast NBDP duplex inc HF MSI *	40	0.5
8436.25	8438	Coast DSC	3	0.5
8438	8707	Coast WT, Data etc	---	
8707	8815	Coast RT duplex	36	3
12230	12353	Ship duplex RT inc 12290 #	41	3
12353	12368	Ship/Coast Simplex RT	5	3
12368	12420	Ship wideband telegraphy	13	4
12420	12421.75	Ship oceanographic	5	0.3
12421.75	12476.75	Ship WT working	110	0.5
12476.75	12549.75	Ship NBDP duplex	146	0.5
12549.75	12554.75	Ship WT calling	10	0.5
12554.75	12559.75	Ship NBDP duplex	10	0.5
12559.75	12576.75	Ship NBDP non-paired/WT working	34	0.5
12576.75	12578.75	Ship DSC inc GMDSS alert 12577	4	0.5
12578.75	12656.75	Coast NBDP duplex inc HF MSI *	156	0.5
12656.75	12658.5	Coast DSC	3	0.5
12658.5	13077	Coast WT, Data etc	---	
13077	13200	Coast RT duplex	41	3
16360	16528	Ship duplex RT inc 16420 #	56	3
16528	16549	Ship/Coast Simplex RT	7	3
16549	16617	Ship wideband telegraphy	17	4
16617	16618.75	Ship oceanographic	5	0.3
16618.75	16683.25	Ship WT working	129	0.5
16683.25	16733.75	Ship NBDP duplex	101	0.5
16733.75	16738.75	Ship WT calling	10	0.5
16738.75	16784.75	Ship NBDP duplex	92	0.5
16784.75	16804.25	Ship NBDP non-paired/WT working	39	0.5
16804.25	16806.25	Ship DSC inc GMDSS alert 16804.5	4	0.5
16806.25	16902.75	Coast NBDP duplex inc HF MSI *	193	0.5
16902.75	16904.5	Coast DSC	3	0.5
16904.5	17242	Coast WT, Data etc	---	
17242	17410	Coast RT duplex	56	3

WUN-v10

18780	18825	Ship duplex RT	15	3
18825	18846	Ship/Coast Simplex RT	7	3
18846	18870	Ship wideband telegraphy	6	4
18870	18892.75	Ship NBDP duplex	45	0.5
18892.75	18898.25	Ship NBDP non-paired/WT working	11	0.5
18898.25	18899.75	Ship DSC	3	0.5
19680.25	19703.25	Coast NBDP duplex inc HF MSI *	46	0.5
19703.25	19705	Coast DSC	3	0.5
19705	19755	Coast WT, Data etc	---	
19755	19800	Coast RT duplex	15	3
22000	22159	Ship duplex RT	53	3
22159	22180	Ship/Coast Simplex RT	7	3
22180	22240	Ship wideband telegraphy	15	4
22240	22241.75	Ship oceanographic	5	0.3
22241.75	22279.25	Ship WT working	75	0.5
22279.25	22284.25	Ship WT calling	10	0.5
22284.25	22351.75	Ship NBDP duplex	135	0.5
22351.75	22374.25	Ship NBDP non-paired/WT working	45	0.5
22374.25	22375.75	Ship DSC	3	0.5
22375.75	22443.75	Coast NBDP duplex inc HF MSI *	136	0.5
22443.75	22445.5	Coast DSC	3	0.5
22445.5	22696	Coast WT, Data etc	---	
22696	22855	Coast RT duplex	53	3
25070	25100	Ship duplex RT	10	3
25100	25121	Ship/Coast Simplex RT	7	3
25121	25161.25	Ship wideband telegraphy	10	4
25161.25	25171.25	Ship WT working	20	0.5
25171.25	25172.75	Ship WT calling	3	0.5
25172.75	25192.75	Ship NBDP duplex	40	0.5
25192.75	25208.25	Ship NBDP non-paired/WT working	31	0.5
25208.25	25210	Ship DSC	3	0.5
26100.25	26120.75	Coast NBDP duplex inc HF MSI *	41	0.5
26120.75	26122.5	Coast DSC	3	0.5
26122.5	26145	Coast WT, Data etc	---	
26145	26175	Coast RT duplex	10	3

* HF MSI - 4210 6314 8416.5 12579 16806.5 19680.5 22376 26100.5

HF RT channels used for Distress and Safety operations.

.....Where has all the WT gone?

A number of years ago the GMDSS (Global Maritime Distress and Safety System) replaced the old 500 kHz WT system which required watchkeeping by a trained telegraphist ie the Radio Officer. With the advent of GMDSS the need for such a position on board disappeared and communications are now conducted by other personnel eg the Master or one of the Deck Officers using Satellite, Globe wireless or HF Email systems employing a user interface as one would use Outlook Express, Eudora, etc. Here again there is no need for the protocol skills/procedures needed to handle Sitor/A communications.

With the rapid elimination of the RO from the world's merchant ships the need for WT services ashore is likewise disappearing. A large number of stations are still listed in the current (2004/2005) Vol.1 of the UK's Admiralty List of Radio Stations (ALRS).

However the Editors of this volume are conscious that many of these stations may no longer exist, or offer WT services on the MF/HF frequencies. Those stations are not always forthcoming with current information either to themselves (UK Hydrographic Office) or to the ITU for inclusion in the List of Coast Stations. Radio Officers themselves used to be a frequent source of information to the UKHO but with their demise so also is that as a source.

WUN-v10

In order to assist in weeding out now redundant data he would appreciate any feedback ie if mariWUNners can keep looking through the maritime spectrum and post appropriate logs for those stations still on air, be it a channel marker, traffic lists/weather or actually in qso with a ship.

Coast stations WT are assigned to the following sub-bands (for CW, data,fax, special)

4221 - 4351
6332.5 - 6501
8438 - 8707
12658.5 - 13077
16904.5 - 17242
19705 - 19755
22445.5 - 22696
26122.5 - 26145.

However the monitor will also find that these sub-bands have now also become well populated with the coast station data modes STANAG 4285 used by NATO and Globedata employed by Globe wireless. Over the recent couple of weeks it has in fact been found that the number of HF WT services has drastically reduced. still operating (this month!) are

Cerrito/CWA 17230.1
Guangzhou/XSQ 8458
Hai Phong/XVG 8470
Jakarta/PKX 17239.7
Kaliningrad/UIW 12877.5 16927
Makassar/PKF 8686
Murmansk/UDK2 13050
Pajaritos/XFF2 6442.6
Rome/IAR 4292 4320 8670 13015.5 17206.1
Seoul/HLF/HLG/HLJ/HLO/HLS/HLW 8484 8636 12843 12916.5 12923 12935
16910
17130 22611.5
Sevastopol/URL 12735 17147
Shanghai/XSG 8502
Tianjin/XSV 4283 8600 12969

In addition previously strong, but still listed, stations such as (in Europe) Boufarik/7TF, Bengazi/5AB, Tripoli/5AT, and (in US) Havana/CLA are noticeable by their absense. Thanks to Eric Earl/Japan UTE Monitor/Tony Paredes for initial assistance on these.

So in the next month how about searching the above sub-bands in your area and logging/posting those who are still left. A note confirming those which were readily received in the last year or so but now appear to have gone QRT would be appreciated.

Well that's all for this month, next month I will do the history of another coastal station.

73 de Robert G4PYR

NUMBERS & ODDITIES
////////// ***** e-mail: ary@luna.nl -
- Nickname on IRC channels #wun #monitor #numbers: Ary-B -
- Download the complete N&O newsletter from the N&O web site -
- http://home.luna.nl/~ary/ -
- Online database: Chris Smolinski <csmolinski@erols.com> -

http://www.spynumbers.com/numbersDB/

-::: N&O #75, July 2004 :::-

The numbers scene was very slow this month which made it possible for me to study a lot of numbers related notes from the past few years which resulted in updated M89 and MX info. I owe many thanks to this month's contributors: Al, Takashi, Tomonori, Manolis (via E2K) and to those who wish to remain anonymous.

-0-0-0-0-0-0-0-0-0-0-

* VOICE STATIONS *

As usual the E03 and E04 IDs were compiled by respectively Tomonori and Al.

::: E03 - LINCOLNSHIRE POACHER

IDs heard in the first half of the month:

Table with 9 columns: UTC, Mon, Tue, Wed, Thu, Fri, Sat, Sun, UTC. Rows show frequency data for the first half of the month.

Second half of the month:

Table with 9 columns: UTC, Mon, Tue, Wed, Thu, Fri, Sat, Sun, UTC. Rows show frequency data for the second half of the month.

<<<<<>>>>

::: E04

IDs heard in the first half of the month:

Table with 8 columns: UTC, Sun, Mon, Tue, Wed, Thu, Fri, UTC. Rows show frequency data for E04 in the first half of the month.

Schedules:

UTC	frequencies
2200	18864, 24644 kHz
2300	18864, 21866 kHz
0000	18864, 21866 kHz
0100	19884, 21866 kHz
1000	20474, 23461 kHz
1100	18864, 23461 kHz
1200	18864, 23461 kHz
1300	18864, 21866 kHz

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::: E25

Via the E2K mailing list I received a report from Manolis. He copied an E25 transmission on 7 July at 1240 UTC on 9450 kHz. He describes the transmission as follows:

Intro music followed by an Arab man calling "222". Then at 1253 UTC "Message" x3 and the message itself "5091 1201 0410 4672 4220 4979 7576 1908 1858 0863 0410". At 1254 UTC "Repeat" x3 and the message again followed by "End of message, end of transmission"

Manolis points out that group 3 (0410) is repeated at the end. He noticed that before in a message from 17 February at 1245 UTC when the 3rd group (0210) was repeated at the end: "9549 6501 0210 3553 1254 7559 0481 6642 3755 0210"

It seems to be a fixed protocol, Manolis. I have noticed it before. Here are two other examples from last year: "7496 3161 3310 0603 6582 8530 3304 1920 9177 7288 7467 4674 7787 4361 9306 3310" and "9394 3531 6210 1467 6518 5690 2666 5481 4555 7854 3353 8560 6210".

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::: V24

South Korean YL heard on 6215 kHz AM at 1400 UTC.

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::: V25

Chinese female YL on 9239 kHz AM (figures ID) at 1500 UTC. Also on 8870 kHz AM at 1300 UTC.

<<<<<>>>>

::: V26

The Chinese/English numbers station was observed on 6448//8621 kHz LSB at 1200 UTC.

-0-0-0-0-0-0-0-0-0-0-

* MORSE STATIONS *

::: M16

DGSE related station "8BY" is one of the oldies that is still around. It uses the following set of frequencies: 7668, 10248, 12075, 14931, 18415, 20946 kHz.

<<<<<>>>>

::: M21

The Russian Air Defense is active on 5221.5 kHz (id "0").

<<<<>>>>

::: M82

The North Korean station was observed on 4700 kHz with "VVV JVG DE BML QSA3 QSA? QTC 732 QTC NR 71259 12t8t5".

<<<<>>>>

::: M89

Because it was very quiet on the numbers front this month, I had the time to study my M89 notes from the past few years. The review covers everything that I know of this network.

Although not confirmed (yet) it is believed that this is a Chinese naval network. Extensive direction finding activities have pinpointed the transmitter sites near Guangzhou, Qingdao and the Dalian/Lushan areas. Qingdao is the HQ of China's North Sea Fleet, while Lushan is another major base of the North Sea Fleet and Dalian is one of the largest training facilities of the navy. Guangzhou is one of the largest bases of the South Sea Fleet.

L9CC, NH8T, 2SLC seem to originate from the Dalian/Lushan area; 4XML from Qingdao and L4FC from Guangzhou. Recently new bearings were taken from a 4XML transmission, this time on 10822 kHz. It appeared that this transmission was coming from from central China, approximately 3836N 10700E. It is likely from either Lanzhou or Xi'an, a different location than the one used for the 8 MHz transmissions, at least at the time when the bearings were taken earlier this year. It is however quite possible that all callsigns are being transmitted via all stations.

Callup	Frequencies
V ABYZ ABYZ ABYZ DE 6PXJ 6PXJ	3340, 3440, 4567, 4575, 5600, 6780, 6785 kHz.
V BFR7 BFR7 BFR7 DE 4XML 4XML	3378.5, 3380, 5645, 5756, 8189.5, 8303, 8308, 8455, 8457, 8257, 10822 kHz.
V BJCC BJCC BJCC DE 3SA 3SA	16664 kHz.
V CP17 CP17 CP17 DE L9CC L9CC (This is the most active one. It uses many freqs in the 3 and 7 MHz bands. Strangely enough, I have never seen a report of a transmission > 9 MHz.)	3456, 3527, 3533, 3536.5, 3540, 3542, 3543.5, 3545, 3547.5, 3549, 3550, 3552, 3553, 3554, 3556, 3561, 3564, 3646, 3673.5, 5402, 5423, 7000, 7034, 7038.8, 7041, 7044, 7045.5, 7047, 7049, 7050, 7051, 7053, 7055, 7056.4, 7058, 7060, 7063, 7066, 7068.5, 7072.8, 7076, 7079, 7088, 7092.6, 7100, 9266.5, 9436.9 kHz.
V DKLO DKLO DKLO DE SDKL SDKL	6458 kHz.
V FXP4 FXP4 FXP4 DE YZL6 YZL6	5795, 9185, 10711 kHz.
V GM1W GM1W GM1W DE B7UA B7UA	4415 kHz.
V GM2Z GM2Z GM2Z DE PNW9 PNW9	4824, 4831, 5628.5, 5629.3, 5631, 5633.5, 6992, 6981.5, 7623 kHz.
V GUGM GUGM GUGM DE Z702 Z702	8808 kHz.
V HNR2 HNR2 HNR2 DE CN9R CN9R	9071 kHz.
V IBEH IBEH IBEH DE L4FC L4FC	4762, 4769, 4771.5. 6501, 6505.5, 7620 9343.5 kHz

WUN-v10

V JS4X JS4X JS4X DE 6DUO 6DUO 5520, 5241, 6982, 9071.5 kHz.
V LA5H LA5H LA5H DE NH8T NH8T 4832, 4874, 5382, 5386, 5410.5, 5412,
5756, 5874, 6507, 7300, 7310, 7313,
8038, 8042 kHz.
V MW3D MW3D MW3D DE 2SLC 2SLC 3330, 4435.4, 4440, 5580, 7074 kHz.
V ONMT ONMT ONMT DE B9VW B9VW 5719.0 kHz.
V RXP7 RXP7 RXP7 DE CZT2 CZT2 7778, 8650, 10860 kHz.
V TW9C TW9C TW9C DE A2NK A2NK 5795 kHz.
V U8OV U8OV U8OV DE 1RMK 1RMK 3570 kHz.
V YELM YELM YELM DE FC1T FC1T ???

and finally an odd one, probably a test (vuv CQ msg):
V CQMSG CQMSG CQMSG DE CQMSG CQMSG on 3639, 4146 kHz.

<<<<>>>>

::: MX

Who has not heard them? During at least 35 years many of you have reported the various channel markers and cluster beacons from the former Soviet Union and later from the separate countries. I have read many speculations about these "mysterious" single-letter-beacons. What are they? Who is using them? Believe it or not but I even read an article that stated that the beacons were intended as homing beacons for extra terrestrials. Yes, really!!! Others state that they are being used by vessels on Russia's rivers. I'm not sure what they meant by that. One of the best was the one about the "buzzer". The author says that the buzzer is in fact the safety transmitter of the Tsjernobil nuclear power plant. When the buzzer stops, you really should panic because that would mean that a melt down is about to happen. Well, the power plant was switched off many years ago and the buzzer is still there. :-)

I am not sure if all frequencies are still being used. Except for the historic beacons all the stations were heard during the past two years on the listed frequencies, some of them only a couple of times. Stations like "P" and "V" are using a whole bunch of frequencies but only few of them are regularly used.

- Channel markers:

"C" - Moscow: 4302, 5306, 10308, 10612, 13636 kHz.
User: Russian navy.

"D" - Odessa: 6550 kHz.
User: Russian/CIS navy.

"F" - Gdynia (unconfirmed; I am waiting for the final df results)
2842.8, 3798.5, 4315, 4555.85 kHz.
User: probably the Polish navy. The markers have been active during Polish naval exercises.

"F" - Vladivostok: 20127 kHz.
User: Russian navy.

"K" - Petropavlovsk Kamchatskiy: 5920 kHz.
User: Russian navy.

"L" - Tirana: 3336.2, 4091.5, 6672.4, 8183 kHz; the latter two are harmonics. The marker has not been heard since late June.
User: unknown.

WUN-v10

"P" - Kaliningrad: 3208, 3262, 3291, 3322, 3649, 3699.5, 3772, 3807, 3837, 4031, 4043, 4051, 4210, 4476, 4605, 4828, 4848, 4899, 5111//5860, 5982, 6203, 8492, 16204 kHz.
User: Russian navy.

"R" - Ustinov: 3195, 4325.8, 4558, 4828, 5154, 5465.8, 6390, 7452, 7550 kHz.
User: Russian Strategic Missile Troops.

"S" - Arkhangel'sk: 4301 kHz.
User: Russian navy.

"V" - Khiva: 3175, 3317, 3534, 3658, 4446, 4498.5, 4575, 4646, 4878, 5340, 5342, 7002, 7038.8 (harmonic?), 7630, 13539, 15064.7, 21070.6, 25250 kHz. 3658 kHz is the main frequency. The others are irregular.
User: Major relay facility mainly used by the Russian/CIS navy.

<<<<<>>>>

"I" - 3814.8, 9090, 9188.5 kHz. Heard on respectively 6 and 16-1-2004. Probably not a letter but a 2-dots marker.

"T" - 6934.0 kHz. Unid. Probably not a letter but single dash marker.

<<<<<>>>>

Several markers do not transmit letters but an odd sound, hence their nicknames.

"Yelper" - Unid location in Russia: 3650 kHz. Not heard since 2001.

"Pip" - Rostov-Volgograd area, Russia: 3756, 5448 kHz.
User: Russian Strategic Missile Troops.

"Squeaky wheel" - Russia: 3815, 3828.9, 5461.5 kHz. Note that 3828.9 kHz is the only active frequency nowadays.

"Buzzer" - Vlasikha (Odintsovo-10), Moscow region, Russia. 4625 kHz. In the period before 1990 this station transmitted a pip. The buzzer was introduced in early 1990. The "buzzer" is around since at least 1973.
User: Russian Strategic Missile Troops.

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- Cluster beacons:

"D", "P", "S" and "C" are located in Europe while "F", "K", "M" and currently inactive "A" are located in the Asian part of Russia. The cluster beacons are being used as propagation beacons and are not always active. Particularly the European beacons are often switched off. They are only switched on during exercises or real naval actions. To give you an example: several European beacons were switched on when the Kursk was being salvaged.

The beacons are clustered around center frequencies. The current center frequencies are: 3595, 4558, 5154, 7039, 8495, 10872, 13528, 16332 and 20048 kHz. Each beacon has its own slot. The European beacons operate on frequencies below the center frequency, while the Asian beacons operate above the center frequency. Moscow always operates on the center frequency.

Cluster beacon slots:

.7 "D", Odessa

- .8 "P", Kaliningrad
- .9 "S", Arkhangelsk
- .0 "C", Moscow
- .1 ? possibly "A" (hasn't been active for quite a while)
- .2 "F", Vladivostok
- .3 "K", Petropavlovsk Kamchatskiy
- .4 "M", Magadan

Example of a cluster:

```
"D" - 8494.7
"P" - 8494.8
"S" - 8494.9
"C" - 8495.0
?   - 8495.1
"F" - 8495.2
"K" - 8495.3
"M" - 8495.4
```

Note: the Asian beacons apparently need to be calibrated as they often transmit odd strings like AAINNM, TEEEEE, MMMAMA, AAINNM, MMMAMA, etc. Sometimes dots become dashes or part of the morse code disappears so that an other letter is transmitted. Examples: T, E, U, TA, UA. The Magadan beacon ("M") has been drifting during the past months. Spurious transmissions of the various Asian beacons have been heard on 7000 kHz ("F" and "K"), while "K" has been heard on 7078 kHz. A malfunctioning "P" beacon transmitted "HP" recently on 4558 kHz.

<<<<>>>>

- Historic beacons/markers

During the Cold war a number of other beacons and channel markers have been around. I am sure that this list is not complete. Additions are most welcome.

Frequency	callsign	location
	Ch (---.)	unid location
	Yu (..--)	Kizyl Orda, Russia
3043.0	OB	unid location, Russia
3070.0	X	unid location. Not from the Czech Rep.
3088.0	L	Leningrad (now St. Petersburg), Russia (Soviet navy marker)
3090.0	L	Leningrad (now St. Petersburg), Russia (Soviet navy marker)
3092.0	L	Leningrad (now St. Petersburg), Russia (Soviet navy marker)
3415.0	A	unid location
3415.0	OB	unid location, Russia
3533.0	W	Cuba (Soviet navy beacon)
3564.0	C	Moscow (Soviet navy marker)
5308.0	O	Moscow, Russia (Soviet navy beacon)
5308.5	L	Leningrad (now St. Petersburg, Russia (Soviet navy marker)
5309.5	Z	Mukachevo, Ukraine (Soviet navy beacon)
5922.0	X	Prague, Czechoslovakia (now Czech Rep.)
6802.5	J	unid location
6803.5	G	unid location
7383.0	N	unid location
7395.0	U	Kholmok and other locations. Jammer related.
8682.0	M	Magadan, Russia (Soviet navy beacon)
8698.0	B	Arkhangelsk, Russia (Soviet navy beacon)
9001.6	Y	unid location
9111.0	W	unid location in Europe. Definitely not Cuba
9160.0	Ya (.-.-)	unid location
9322.0	X	Prague, Czechoslovakia (now Czech Rep.)
12149.5	I	unid location

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13527.0 Y unid location
26170.0 L Leningrad (now St. Petersburg), Russia (Soviet
navy marker)
20126.5 EO or J unid location. Heard during a couple of weeks
in 2002

-0-0-0-0-0-0-0-0-0-0-

* VARIOUS MODES *

- XSL: The Japanese naval stations with their typical slot machine sound can be found on 4153, 4231.5, 4291, 6250, 6417, 6445, 8313, 8588, 8588 and 8703.5 kHz.
- XSW: The Squeaky wheel, a daily guest on 3828.9 kHz.
- S28: The Buzzer, very loud as always on 4625 kHz.
- S30: The Pip, good signal throughout the month on 3756 kHz.

-0-0-0-0-0-0-0-0-0-0-

* UNID STATIONS *

::: 2-SECONDS PIP

The still unid "pip-station" can be heard on 10470 kHz. Reception is the best in the Far East. It transmits one pip every 2 seconds.

<<<<<>>>>

::: UNID 14563 kHz

Tom reports an unid morse station on 14563 kHz. He has heard it on 4 July at 0630 UTC when it transmitted "87 87 87" and on the 22nd at 1415 UTC it sent 5LGs. Transmission stopped at 1420 UTC. Reception was very weak in the USA.

Who is it?????

-0-0-0-0-0-0-0-0-0-0-

UTILITY ROUND-UP #####
Editor: Ary Boender (ary@luna.nl)
Nickname on #monitor & #wun: Ary-B

Hello everyone. Welcome to yet another edition of the Ute Round-up. First a question: the ITU lists a Hungarian LF station on 0.1356 kHz. Location: Szekesfehervar at 18.24.00 East and 47.10.00 North. Does anyone know who this is?

Contributors this month are: Mkumbo, Tony, Jim and Klaus. I have also included a summary of the reports from the IARUMS submitted by various radio amateurs.

Klaus and Jim submitted a couple of LF logs:

Alpha stations:

11.91 Alpha Navigation Krasnodar and Novosibirsk
12.65 Alpha Navigation Krasnodar and Novosibirsk
14.88 Alpha Navigation Krasnodar and Novosibirsk

Military stations:

18.1 RDL: Russian Military. VLF Site Krasnodar. Routine T600 Messages.
23.4 DHO/DHJ58: German Navy, Ramsloh. Mode: unid RTTY mode 200bd

- 26.7 TBB: Turkish Navy, Bafa. unid RTTY mode 100/85
 82.8 MKL: RAF 2 Group MATELO Bcast via Crimond LF Site. Routine block messages.

Time signal stations:

- 25.0 RJH66: Bishkek TS, KGZ, CW id, then pulses
 25.0 RJH69: Molodecno TS, BLR, CW id, then pulses
 60.0 MSF: tss Rugby, G
 75.0 HBG: tss Prangins, SUI
 77.5 DCF77: tss Mainflingen, D

Lots of stations from Latin America, Africa and Asia are transmitting outside the official ute bands. Except for the Argentine police, all others are so-called intruders. Annoying if you are a HAM but for the average ute dxer these stations are quite interesting. The various IARUMS and DARC newsletters include hundreds of intruder logs each month. I continue with a nice selection of these logs plus the ones that Mkumbo has sent me.

- 5365.0 kHz: Argentine police, Rio Negro province with Radiograms in Spanish.
- 7000-7035 kHz: many Asian pirate stations, predominantly from Indonesia.
- 7022.5 kHz: Agricultural estates, northern Tanzania. Callsigns: Arusha, Naberera, KT, Poverty.
- 7023.0 kHz: Unid. Possibly a bus or transport firm. Id's are places in Tanzania like Dar es Salaam, Arusha, Morogoro, Songea, Kilosa? Also on 7318 kHz.
- 7035.0 kHz: Unid station in Sudan. Verbal morse in a vernacular language.
- 7045.0 kHz: Tanesco (Tanzania Electricity Supply Company). The state owned energy supplier operates 30+ stations throughout Tanzania. Stations include Dar es Salaam (Tegata); the hydro power stations at the Kidatu dam in the Morogoro region; Nyumba ya Mungu in the Kilimanjaro Region; the Pangani Dam; the Mtera Dam in Dodoma; Hale in Tanga; Lower Kihansi Gorge power station; Mtwara; Kidatu; Rumakali; Ruhudji; Masigira; Mpanga; Stiglers Gorge; Rusumo Falls; and Upper Kihansi.
- 14000.0 kHz: Unid Medical NGO network in Sudan, Somalia, Zaire and Uganda. Callsigns heard: BI, ML, FM, SL, Zero, Quarante, 95, KE, CC, CE, CJ, CM, Goma, JM, JK, CN. Languages on the net: English, vernaculars, Kiswahili, Dholuo, the last predominating. Medical traffic. Also on 12000 kHz LSB and 14450 kHz LSB.
- 14235,0 kHz: Unid missionary traffic from Central Africa.
- 21000.0 kHz: Unid station from Yemen. Traffic in Arabic.
- 21021.0 kHz: Unid missionary traffic from Central Africa.
- 21040.0 kHz: Unid missionary traffic from Central Africa with "Pere Joseph".
- Smuggle ships in the Arabian sea were heard on 14035, 14050 and 18100 kHz.

-0-0-0-0-0-0-0-0-0-0-

* SPACE COMMUNICATIONS *

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::: ECHO

AMSAT-OSCAR E (Echo) was launched on 29 June at 0630 UTC from the Baykonur Cosmodrome launch site in Kazakhstan. The satellite's signals have been reported regularly since that date.

According to the information that Amsat has published Echo is a FM satellite carrying 4 VHF receivers, 2 UHF transmitters, a multimode receiver and a 2400MHz transmitter. It can handle voice and FSK data up to 76.8Kbps. Echo was launched into a low, sun-synchronous polar orbit approximately 850 km high.

Frequencies:

Analog Uplink 145.920 MHz FM
Analog Downlink 435.225 MHz FM
Digital Uplink 145.860 MHz 9600 bps, AX.25
Digital Downlink 435.150 MHz 9600 bps, AX.25

Pacsat Broadcast Protocol Digital system callsigns:

Broadcast: PACB-11
BBS: PACB-12

Keplers:

AMSAT ECHO
1 28375U 04025K 04193.05659373 .00000051 00000-0 28581-4 0 154
2 28375 98.2587 262.2555 0084327 180.1696 179.9480 14.40372655 1509

Here is a summary of a couple of Echo's telemetry transmission:

PACB-1>AMSATN-1>UI,?,F0
PHTHXPB 01/18/2004 V0.95 WDOE

PACB-1>TIME-1>UI,?,F0
PHT: uptime is 000/15:09:37. Time is wed Jun 30 18:58:42 2004

PACB-1>TLMS-1>UI,?,F0
C0:05 C1:44 C2:76 C3:27 C4:04

PACB-1>BCR-1>UI,?,F0
BCR: batv=1328 bati=132 batsense=50 battop=1328 batlow=0 batt1=574
batt2=1141 sav=974 sai=560

PACB-1>AMSATN-1:PHTHXPB V 0.9 12/16/2003 2020 WDOE

PACB-1>LSTAT:A: 0x13A8, P:0x3000, o:0 l:40714 f:40714
d:0 st:2 e:01 rx0:546 rx2:0

PACB-1>TIME-1:PHT: uptime is 000/10:49:20. Time is Sat
Jul 03 03:07:06 2004

PACB-1>TLMS-1:C0:05 C1:44 C2:76 C3:27 C4:04

More info on Amsat's website at <http://www.amsat.org/amsat-new/echo>

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::: SPACE SHIP ONE (SS1)

The first privately financed manned spaceflight took place on 21 June when the odd looking SpaceshipOne was launched from under the belly of a carrier jet. The jet released the spaceship, its rocket engine ignited and sent SS1 62.2 miles above Earth at nearly three times the speed of sound. The space ship touched down in the Mojave Desert 90 minutes later.

The SS1 project was funded by Microsoft co-founder Paul Allen, who said the project cost more than \$20 million.

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They used 123.375 MHz AM for the entire mission.

More info on the SS1 website: <http://www.scaled.com/index.htm>

-0-0-0-0-0-0-0-0-0-

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WUN LOGS COLUMN

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July 2004

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Edited by Eddie Bellerby (eddiebellerby@tiscali.co.uk)
ably assisted by the following logs collectors:-
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Bob Yellen byellen250@charter.net
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Unfortunately some logs have been lost because of an error on my part
(or my computer's part). I think we have recovered most of them.
If your logs do not appear on this list then please re-send them
to me and I will include them in next months Logs Column.

00025.0 RJH77: Arkhangelsk TS 0806 CW id. Back again...
(11JUL04)(KB)
00077.5 DCF77: Timesignal Braunschweig 0955 TS, no ID
(02 Jun 04)(HPT)
01645.0 lzm: cw / (03/Jul/2004) (cleiber)
02011.6 CGD9: USCG District 9 and cutters NRKP, NRLX: 0301 USB
ALE (10/JUNE/04) (JLM)
02187.5 : Almeria Radio E DSC 0435 UTC (AB)
02187.5 : Bilbao MR E test DSC 0451 UTC (AB)
02187.5 : Corsen (CROSS) F DSC 0025 UTC (AB)
02187.5 : Coruna MR E wkg mv North Coast /GXDH DSC 2233 UTC (AB)
02187.5 : Goteborg Radio S DSC 0128 UTC (AB)
02187.5 : Istanbul Radio TUR DSC 0052 UTC (AB)
02187.5 : MRCC Aberdeen, UK G DSC 0442 UTC (AB)
02187.5 : MRCC Clyde, UK G ns DSC 2204 UTC (AB)
02187.5 : MRCC Falmouth, UK G DSC 0221 UTC (AB)
02187.5 : MRSC Holyhead, UK G DSC 0120 UTC (AB)
02187.5 : MRSC Humber, UK G DSC 2307 UTC (AB)
02187.5 : MRSC Milford Haven, UK G Wear Fisher /GYOE DSC
2309 UTC (AB)
02187.5 : MRSC Shetland, UK G DSC 0313 UTC (AB)
02187.5 : Malaga MR E test DSC 2218 UTC (AB)
02187.5 : Netherland CG Radio HOL wkg mv Sir Charles Parsons /GDX
DSC 0052 UTC(AB)
02187.5 : Odessa Radio UKR DSC 2300 UTC (AB)
02187.5 : Palermo Radio I DSC 0249 UTC (AB)
02187.5 : Roma Radio I DSC 0105 UTC (AB)
02187.5 : Turku Radio FNL DSC 2230 UTC (AB)
02187.5 EI6277 mv Atlantic Fisher IW DSC 2226 UTC (AB)
02187.5 GRAL: mv Arco Humber wkg IW MRSC Humber, UK DSC
0517 UTC (AB)
02187.5 GRAL: mv Arco Humber wkg IW Netherland CG Radio DSC
0521 UTC (AB)
02187.5 GYOE: mv Wear Fisher IW wkg MRSC Milford Haven, UK DSC
2309 UTC (AB)
02187.5 LGD: Orlandet Radio NOR wkg Floro Radio DSC

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0200 UTC (AB)
02187.5 LGL: Floro Radio NOR clg Orlandet Radio DSC
0200 UTC (AB)
02187.5 LGN: Rogaland Radio NOR DSC 2307 UTC (AB)
02187.5 LGT: Tjome Radio NOR wkg mv Patricia D /C6PT3 DSC
2303 UTC (AB)
02187.5 LZW: Varna Radio BUL test DSC 0139 UTC (AB)
02187.5 OST: Oostende MR BEL wkg mv Sand Serin /GUPQ DSC
2321 UTC (AB)
02187.5 OXZ: Lyngby Radio DNK DSC 0054 UTC (AB)
02187.5 SPS: Witowo Radio POL test DSC 2131 UTC (AB)
02187.5 SVO: Olympia Radio GRC Area call DSC 2332 UTC (AB)
02289.0 T9Q: Unid, 0543 MIL.STD 188-141A ALE on USB. (10/Jun)(MR)
02789.5 FUE: (FR Navy, Brest): 0148 RTTY 75bd/850hz w/test tape.
06/03 RP3
02941.0 St. Petersburg VOLMET: 2310 USB flight wx in Russian
10/Jun/2004 (TR)
03019.0 UNID: 2350 USB MWARA NCA-1, voice tfc by male ops in
Russian with frequent mention of 'Vologda', not sure
though whether or not this was aero tfc 2/Jun/2004 (TR)
03407.0 Aktyubinsk VOLMET: 2335 USB flight wx in Russian
2/Jun/2004 (TR)
03485.0 Gander VOLMET: 2320 USB flight wx for Canadian
airports, //6604 10/Jun/2004 (TR)
03593.3 DLVC: ZB RUEGEN 1751 Sitor-ARQ/100bd Position Info for
DQZ28 Neustadt Kuewaz Ostsee (03/Jun/04)(KK)
03593.3 DLVI: ZB PRIWALL 1738 Sitor-ARQ/100bd Position Info for
DQZ28 Neustadt Kuewaz Ostsee (03/Jun/04)(KK)
03729.0 WNL1: unid prob US? 0023 USB ALE clg WNBL many connects
"L1^ 236 L^027_4020228034AUTOKVIX+9ULE"
(02/Jun/04) (KK)
04031.0 IDR: Italian Naval station?, 2105 USB working with IDF in
voice and secure. (10/Jun)(MR)
04033.0 Romeo10: UK Military Net, 2120 USB working with many
players Romeo20, Romeo30, Romeo40. (10/Jun)(MR)
04212.0 XSQ: Guangzhou R 1720 cw/arq Marker (25/Jun/04) (RH2)
04271.0 CFH: CANF 0439 ITA2/75 air wx Jun05 04 ML
04583.0 DDK2: HAMBURG 0455 ITA2/50 synop automated buoys
Jun05 04 ML
04610.0 GYA: RN LONDON 0506 FAX 288 pressure chart SS Jun05 04 ML
04645.0 Tallin VOLMET: 2300 USB flight wx in English and often
repeated ID 'This is Tallin Airport' 10/Jun/2004 (TR)
04663.0 Tashkent VOLMET: 2312 USB flight wx in English
10/Jun/2004 (TR)
04810.0 Russian Military: 2250 81-81 81.1/200 encrypted.
(30-May-04) (JUM)
04825.0 000: dsb CIS mil 2050-2055, 2110, 2120, 2125, 2130
calling "Vozdukh", 2133 wkg/001, 002, 003, 004, 005, 006
with msg every minute, msg example: 2137UTC: "first
five 09 in 32 to 3rd for 37" (11June04) (SMK)
04825.0 ASA: lsb 2110, 2150 calling SJA in English twice
(11June04) (SMK)
04825.0 Nabor-61: lsb CIS (UKR?) mil 2047 counting from 1 to 0
(recorded YL), 2122 radio check (ML live) with Lotos-05,
2123 counting a few times, 2125 "switched off till
necessary orders" (11June04) (SMK)
04825.0 Shpora-19: lsb CIS mil 2109 calling Lotos-05
(11June04) (SMK)
04825.0 UNID: lsb 1803-2204 encrypted voice numbers info in
Russian transmitted every 2 min, msg example: 1846z "06
16th 534 19 in 69th for 46 2 0638 534 65 in 92nd for 46
2 in 92nd for 46 2 0709 73 in 34th for 46
207 75th 534 39 for 46 2" (11June04) (SMK)
04955.5 F236AA: 236th MedCo 2320 USB ALE snd (01/Jun/04) (KK)
05038.5 673DVA: (probable Dept of Veteran's Affairs): 0620
USB/ALE sounding. 06/09 RP3
05038.5 673DVA: probable Department of Veterans Affairs: 1913 USB
ALE. Also using 12076.0 & possibly 14350.0 USB ALE

- (04/JUNE/04) (JLM)
- 05038.5 673DVA: probable Department of Veterans Affairs: 1913 USB ALE. Also using 12076.0 & possibly 14350.0 USB ALE (04/JUNE/04) (JLM) INTEL? 1009 cw, "951" only, 1010 off (02 Jun 04)(HPT)
- 05058.0 28 Danish Forces 1935 USB ALE clg 68 (11/Jun/04) (KK)
- 05058.0 68: Danish Forces 1934 USB ALE clg DK11 (11/Jun/04) (KK)
- 05115.0 DRO: Romanian MOI Drobeta 1608 USB ALE/MIL-188-141A clg TJI Romanian MOI Targu-Jui (15/Jun/04) (KK)
- 05115.0 SMA Romanian MOI Satu-Mare 2104 USB ALE/MIL-188-141A clg BU1 Bucuresti Sect. 1(08/Jun/04) (KK)
- 05115.0 VAS: Romanian MOI Vaslui 2103 USB ALE/MIL-188-141A clg BU5 Bucuresti Sect.5 (08/Jun/04) (KK)
- 05195.0 DRA5: 2140 www de dra5, propagation beacon (unknown location for me, do you guys know ?) cw id 13/06 (PP1)
- 05323.5 prob: french Gendarmerie Nationale 1715 USB/Thales-ALE french Voices (05/Jun/04) (KK)
- 05323.5 unid: French Ops 1633 USB/Thales-ALE (02/Jun/04) (KK)
- 05345.0 unid: 1610 USB ALE/MIL-188-141A clg RAB??? prob. Rabat, weak signal (07/Jun/04) (KK)
- 05401.0 AE8UAA: prb. Benelux MARS 1625 P-I/Ham-Mod 200Bd cnt to AE1USA European Gateway, Test mail (15/Jun/04) (KK)
- 05401.0 AEM1WF: MARS/AAMCE D.W. 1700 P-I/Ham Mod/100Bd cnt to AE1USA Edingen, D. Sub. list: "ACTUAL INCIDENT"...(11/Jun/04) (KK)
- 05403.0 RAF: 0429 USB ee om "KR..." Jun13 04 ML
- 05415.5 prob: french Gendarmerie Nationale 1730 USB/Thales-ALE french Voices (05/Jun/04) (KK)
- 05415.5 unid: French Ops 1610 USB/Thales-ALE (02/Jun/04) (KK)
- 05470.0 Dahra Aero: (presumed) 2135 USB RDARA Libya, voice tfc in French by two male ops, the weaker one presumed in an aircraft as the other asked for his selcal repeatedly, the first initiated each of his transmissions with 'Dahra. 4/Jun/2004 (TR)
- 05505.0 ZAL: Romanian MOI Zalau 2110 USB ALE/MIL-188-141A clg BU1 Bucuresti Sect. 1 (08/Jun/04) (KK)
- 05544.0 Jeddah 2323: USB LDOC SAUDIA, male op with french accent talks in English to unid aircraft about some spare part and will check availability 2/Jun/2004 (TR)
- 05590.4 fishermen: 0547 USB french pirate d/x Jun12 04 ML
- 05598 5227 0527 USB MWARA NAT-A, French AF 5227, selcal AMFR, working Shanwick for selcal check 7/Jul/2004 (TR)
- 05598 A6-GDP 0544 USB MWARA NAT-A, Dubai Airwing A6-GDP, selcal DRGS, working Santa Maria with posn, fuel status and selcal check 7/Jul/2004 (TR)
- 05598 D-ABUA 0547 USB MWARA NAT-A, Condor Flugdienst D-ABUA, selcal LMBR, working New York with posn and selcal check 7/Jul/2004 (TR)
- 05598 F-GCBB 0511 USB MWARA NAT-A, Air France F-GCBB, selcal EKGJ, working New York with ETA at destination (KBOS Boston), fuel status and selcal check 7/Jul/2004 (TR)
- 05598 G-OJMC 0500 USB MWARA NAT-A, Thomas Cook Airlines G-OJMC, selcal DHCP, working Gander with posn and selcal check 7/Jul/2004 (TR)
- 05598 I-VLEF 0551 USB MWARA NAT-A, Volare I-VLEF, selcal RSFL, working Santa Maria for selcal check 7/Jul/2004 (TR)
- 05598 N173US 0502 USB MWARA NAT-A, US Air N173US, selcal JQGM, working Santa Maria with posn, wx, fuel status and selcal check 7/Jul/2004 (TR)
- 05598 N388AA 0511 USB MWARA NAT-A, American N388AA, selcal JLMR, working Gander with posn, wx, fuelstatus, requesting wx at destination (CYYT St. John) and selcal check 7/Jul/2004 (TR)
- 05598 N694DL 0454 USB MWARA NAT-A, Delta N694DL, selcal DKMR, working Gander for selcal check 7/Jul/2004 (TR)
- 05598 N935QS 0508 USB MWARA NAT-A, ExecJet N935QS, selcal ARBS, working Gander with selcal check and requesting routing confirmation 7/Jul/2004 (TR)
- 05598 ZD241 0501 USB MWARA NAT-A, RAF ZD241, selcal FHGK, working

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- 05598.0 Shanwick with selcal and radio check 7/Jul/2004 (TR)
ATC NAT: 0439 USB work DKAR /EC-GHX A340 /IB6275 join
point santiago & BQLM / EC-EYZ DC9 /IB ? & MONARCH7533
Jun13 04 ML
- 05601.0 Mumbai Aero: 2330 USB RDARA INDIA-W, working various
barely heard aircraft with selcal checks
2/Jun/2004 (TR)
- 05616.0 ATC NAT - B: 0541 USB REACH3876 Jun04 04 ML
- 05616.0 B-18677: 0952 USB MWARA NAT-B, China Airlines B-18677,
selcal LSGJ working Shanwick with selcal check and posn,
wx and fuel status 8/Jun/2004 (TR)
- 05616.0 Biz Jet N85M: 2150 USB MWARA NAT-B, N85M, selcal
CGJP, working Shanwick for selcal check, calls again at
2211 with posn and fuel status, Shanwick advises to call
Gander at 30w 7/Jun/2004 (TR)
- 05616.0 C-FYJD: 0958 USB MWARA NAT-B, Air Canada C-FYJD,
selcal PRFS, working Shanwick for selcal check and flight
level request 8/Jun/2004 (TR)
- 05616.0 Canadian Airlines 859: 2153 USB MWARA NAT-B, C-FOCA,
selcal CQAM working Shanwick for selcal check
7/Jun/2004 (TR)
- 05616.0 FedEx 50: N615FE 2149 USB MWARA NAT-B, N615FE, selcal
KMAS, working Gander for selcal check 7/Jun/2004 (TR)
- 05616.0 FedEx 7: N605FE 2208 USB MWARA NAT-B, N605FE, selcal
GPFL, working Gander with posn and fuel status, then
selcal check 7/Jun/2004 (TR)
- 05616.0 Gander Radio: 2225 Utc usb nat mwara woriking various
aircraft with selcall check 1/june/04 (DP)
- 05616.0 Lufthansa D-AIGF: 2145 USB MWARA NAT-B, D-AIGF, selcal
LMHS, working Shanwick for selcal check 7/Jun/2004 (TR)
- 05616.0 N139SW: 2202 USB MWARA NAT-B, N139SW, working Shanwick
with posn and fuel status, selcal DFEG 7/Jun/2004 (TR)
- 05616.0 N16732: 0928 USB MWARA NAT-B, Continental Airlines
N16732, selcal MSKL, working Shanwick for selcal check
8/Jun/2004 (TR)
- 05616.0 N301UP: United Parcel Service N301UP 2143 USB MWARA
NAT-B, N301UP, selcal BPAQ, working Shanwick for selcal
check and flight level change 7/Jun/2004 (TR)
- 05616.0 N48HB: 2201 USB MWARA NAT-B, BizJet N48HB, selcal
ESHP, works Shanwick for selcal check and wx at
destination, Shanwick requests ETA 14/Jun/2004 (TR)
- 05616.0 N607FE: 2153 USB MWARA NAT-B, FedEx5031 N607FE, selcal
GPFM working Gander for selcal check and posn, wx and
fuel status 14/Jun/2004 (TR)
- 05616.0 N647UA: 1002 USB MWARA NAT-B, United Airlines N647UA,
selcal AGER, working Shanwick for selcal check
8/Jun/2004 (TR)
- 05616.0 N757AF: 0946 USB MWARA NAT-B, Biz Jet N757AF, selcal
LRGS, working Shanwick for selcal check 8/Jun/2004 (TR)
- 05616.0 N78004: 1004 USB MWARA NAT-B, Continental Airlines
N78004, selcal DRMS, working Shanwick for selcal check and
wx rppt 8/Jun/2004 (TR)
- 05616.0 Triumph 8863: 2215 USB MWARA NAT-B, Triumph 8863
working Gander with posn, wx, wind speed and temp and
fuel status, ETA Boston 0045 7/Jun/2004 (TR)
- 05616.0 YR-LCA: 1000 USB MWARA NAT-B, Tarom-Romania Air YR-
LCA, selcal BJLS, working Shanwick for selcal check and
giving posn, wx and fuel status 8/Jun/2004 (TR)
- 05649.0 Air France 6458: 2208 USB MWARA NAT-C, Air France 6458
asking flightlevel change from Gander 4/Jun/2004 (TR)
- 05649.0 CC-CZY: 0010 USB MWARA NAT-C, LAN Chile CC-CZY, selcal
GLDE, working Gander with selcal check and request for
flightlevel change, Gander will reply later
6/Jun/2004 (TR)
- 05649.0 D-AIGP: 2357 USB MWARA NAT-C, Lufthansa 423 D-AIGP,
selcal MSAL, working Shanwick for selcal check
5/Jun/2004 (TR)
- 05649.0 D-AIMG: 2351 USB MWARA NAT-C, Lufthansa 445 D-AIMG,

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- selcal QRJL, working Gander for selcal check
5/Jun/2004 (TR)
- 05649.0 EL AL 861: 0001 USB MWARA NAT-C, EL AL 861, selcal
EKBG, working Shanwick for selcal check 6/Jun/2004 (TR)
- 05649.0 G-BYGE: 2200 USB MWARA NAT-C, British Airways G-BYGE,
selcal DGFP, working Shanwick with flightlevel request
and selcal check 4/Jun/2004 (TR)
- 05649.0 G-MONX: 2202 USB MWARA NAT-C, Monarch 559 G-MONX,
selcal DRAB, working Shanwick with wx enquiry for
London/Stanstead airport 4/Jun/2004 (TR)
- 05649.0 G-YMMG: 2211 USB MWARA NAT-C, British Airways G-YMMG,
selcal BPHL, calling Shanwick and asking Santa Maria VHF
frequencies 4/Jun/2004 (TR)
- 05649.0 HL7721: 2137 USB MWARA NAT-C, Korean Airlines HL7721,
selcal BHKL, working Gander with posn, wx, fuel status
and selcal check 14/Jun/2004 (TR)
- 05649.0 JA8500: 0014 USB MWARA NAT-C, Air Nippon JA8500,
selcal HPAL, working Gander for selcal check and giving
position, wx and fuel status 6/Jun/2004 (TR)
- 05649.0 Jordanian 561: 0022 USB MWARA NAT-C, Jordanian 561,
selcal CRBQ, working Gander with selcal check
6/Jun/2004 (TR)
- 05649.0 LN-RKG: 2135 USB MWARA NAT-C, SAS LN-RKG, selcal GMAP,
calls Shanwick for flightlevel query and does selcal
check, Shanwick advises to call Gander when passing 30W
14/Jun/2004 (TR)
- 05649.0 N70504: 2130 USB MWARA NAT-C, American Airlines
N70504, selcal FMAP, working Gander for selcal check and
flightlevel request, Gander informs later that only F330
is available, a/c confirms and changes accordingly
14/Jun/2004 (TR)
- 05649.0 SE-DIH: 2146 USB MWARA NAT-C, Scandinavian A/L SE-DIH,
selcal BLEP, working Shanwick for selcal check
9/Jun/2004 (TR)
- 05649.0 Speedbird 1247: 2216 USB MWARA NAT-C, Speedbird 1247
calls Shanwick for flightpath confirmation, Shanwick
confirms and asks to maintain selcal watch on 5598 and
then call Santa Maria on same frequency 4/Jun/2004 (TR)
- 05649.0 TC-AFM: 2145 USB MWARA NAT-C, Pegasus TC-AFM, selcal
BPER, working Shanwick for selcal check 9/Jun/2004 (TR)
- 05649.0 TF-FIB: 2142 USB MWARA NAT-C, Icelandair TF-FIB,
selcal FPDJ, working Shanwick with posn, wx, fuel status
and selcal check 9/Jun/2004 (TR)
- 05658.0 C-FYLG: 2328 USB MWARA MID-2, Air Canada C-FYLG,
selcal PRHQ, working Delhi Aero with selcal check
5/Jun/2004 (TR)
- 05658.0 Kabul Radio: 2057 USB MWARA MID-2, working Philippine
Airlines F-OHPJ, selcal LSEM, for radio and selcal check and
advising on wind speeds 3/Jun/2004 (TR)
- 05658.0 Lahore Aero: 2220 USB MWARA MID-2, Lahore Aero working
various aircraft with posn and wx rprts, very busy indeed
9/Jun/2004 (TR)
- 05658.0 N615AM: 2331 USB MWARA MID-2, American Airlines
N615AM, selcal KMPQ, works Delhi Aero for selcal check
5/Jun/2004 (TR)
- 05658.0 Thai 923: 2215 USB MWARA MID-2, Thai 923 repeatedly
calling Kabul Radio with no reply, finally manages to raise them
and gives posn, wx and fuel status 9/Jun/2004
(TR)
- 05670.0 Colombo Radio: 2155 Utc usb sea mwara working various
aircraft 1/june/04 (DP)
- 05680.0 Kinloss Rescue, Scotland 0322 USB wkg RESCUE 122 re ETA.
(3 July, 2004)(RB)
- 05696.0 Unid: at 0508 UTC and am hearing an OM speaking either
Chinese or Japanese 8jun04 (CM)
- 05717.0 Halifax Military, Canada 2026 USB wkg RESCUE 311 re msg
relay to Gander. (3 July, 2004)(RB)
- 05745.7 SWISS M: ? 0503 ARQ-E3/100 ??Jun13 04 ML

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06312 SVO: Olympia Radio GRC DSC 0109 UTC (AB)
06362.0 MGJ: 0532 ITA2/75 carbs Jun13 04 ML
06595.0 UNID: 2300 USB voice tfc by one male and two female
ops in Spanish, repeated mention of 'Santiago'
2/Jun/2004 (TR)
06622.0 ATC SHANWICK: 0521 USB alitalia127 Mai30 04 ML
06659.0 unid: 1249 cw begon= broudin=bnz 21 allee lucildo 33600
tel 056 36 94 73 31Mai04 (wp3)
06676.0 SIDNEY VM: 0631 USB om Mai30 04 ML
06679.0 Tokyo VOLMET: 2342 USB aviation wx. (30-May-04) (JUM)
06690.1 1PBR021D0110: Macedonian 1st infantry Brigade, MKD 0837
USB/MIL-STD 188-141A/secure voice via MIL-STD 188-110A
serial waveform to GS021D0110 (01Jun04) (LDO)
06690.1 GS021D0110: Macedonian Army General staff, MKD 0837
USB/MIL-STD 188-141A/secure voice via MIL-STD 188-110A
serial waveform to 1PBR021D0110 (01Jun04) (LDO)
06693.0 Yekaterinburg VOLMET: 2305 USB flight wx in Russian,
//8888 kHz 10/Jun/2004 (TR)
06697.0 was active at 1525z and 1555z 08 Jul 04 with PUPIL EYE
(good levels here) bcsting two 28-character EAMs (DR63FM;
DROVDG) and simulcasting same on 8992.0 (good), 11244.0
(good) and 13155.0 (good; heard only at
06700.0 26690: US-Army Helo 1820 USB ALE/MIL-188-141A clg T2Z501
2-501 US-Army/Iraq? (05/Jun/04) (KK)
06700.0 T498AA: 498th MedCo Iraq? 1812 USB ALE snd
(15/Jun/04) (KK)
06700.0 T82AA: 82nd MedCo 2328 USB ALE snd (01/Jun/04) (KK)
06712 HFDL-GS H03 Reykjavik 1900 HFDL/USB [HFNPDU ACARS GND STN]
2.N306UP A9N /ATSUPXA.TI2/CGN ARR ATIS R 1850Z -ATIS R
RWY: 14L 14R TRL: 60 S R: 0334 SS: 1940 -METAR 141850
EDDK 16006KT 3500 -A: B: C: D: E: F: G: --RA DZ FEW004
SCT008 BKN013 /14 -1016 -TEMPO BKN008 -QFE 14L:1007
25:1006 EB ... 2.N306UP A90 - EXPECT ILS APCH RWY 14L RWY
25 AVBL ATIS DEMONSTRATION. CHE CK WITH ATC FOR ACTUAL
ATIS9141 14/Jul/2004 (TR)
06712 UPS UP6727 1852 HFDL/USB [HFNPDU PERFORMANCE] 18:52:26 UTC
Flight ID = UP6727 LAT 51 3 46 N LON 8 12 18 W
14/Jul/2004 (TR)
06712 UPS UP6741 1851 HFDL/USB [HFNPDU PERFORMANCE] 18:51:32 UTC
Flight ID = UP6741 LAT 60 22 20 N LON 9 10 3 W
14/Jul/2004 (TR)
06712.0 REYKJAVIK: 0634 HFDL COA0026 / SAA0203 /AY225 / AY8041
Mai30 04 ML
06720.0 unid: FF ? 0607 ITA2/75 test "the quick brown fox
jumps..." Jun1204 ML
06721.0 UKE304: ZH104 E-3D Sentry RAF Waddington No 8 AEW Sqn
1344 USB ALE/MIL-188-141A clg CRO Croughton AB
(15/Jun/04) (KK)
06730.0 DAF537: Danish AF Aircraft 1625 USB clg PRIMAROSE DAF
Karup (02/Jun/04) (KK)
06739.0 Keflavik: 2316 USB GHFS, '5k37ou stb/by msg follows;
5k37ouv4cetxi4vnzff4qc, I say again..., this is Keflavik,
out' 2/Jun/2004 (TR)
06754.0 Trenton VOLMET: 2323 USB flight wx at breakneck speed,
10/Jun/2004 (TR)
06761.0 ECHO 43 2331 USB wkg REACH 3601 re is FL 270.
(9 July, 2004)(RB)
06761.0 ECHO 61 2336 wkg REACH flight, USAF air-air refueling HF
freq. (9 July, 2004)(RB)
06805.5 prob: french Gendarmerie Nationale 1830 USB/Thales-ALE
ALE every minute, without Voices (05/Jun/04) (KK)
06815.5 French Gendarmerie Nationale: 2050 USB/8-FSK ALE PSK,
Stanag, french Voices (08/Jun/04) (KK)
06832.0 Russian PTT: 2313 ISB w/OQPSK 1280bps modem in each
sideband.(30-May-04) (JUM)
06841.0 Unid: Russian 2308 BAUDOT 46.6/500 5FGs. (30-May-04)
(JUM)
06843.0 no-call: Russian intelligence, RUS 2025 BAUDOT

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200.33Bd/500Hz, broadcasting 18 FGs to UNID recipient, slightly overmodulated transmission (31May04) (LDO)

06851.5 unid: french Ops 1004 USB/Thales-ALE +Voices (03/Jun/04)(KK)

06885.8 UNKNOWN: UNKNOWN 2150 ARQ-E3 100/400 SENDING BETAS ONLY - NO I.D. (05/Jul/2004) (BERT PAULL)

06900.0 CER11: MFA Paris, F 1426 USB ALE/MIL-188-141A 0 clg RABAT French Embassy Rabat, MRC (03/Jun/04)(KK)

06929.0 4763: Czech KFOR-net, CZE/SCG 1210 Rohde & Schwarz RS-ARQ 228.65Bd/170Hz, op chat in Czech using 8bit mode (31May04) (LDO)

06941.7 Unid: RN/NATO 1015 rtty 75/850 KG84 (22/JUN/04) (RH2)

06958.4 F14HBA: Swedish Fronet User 2045 P-I/100Bd clg from unid no response (10/Jun/04) (KK)

06958.4 F17HJB: Swedish Fronet User 2050 P-I/100Bd clg from unid no response (10/Jun/04) (KK)

06969.0 Russian Military: 2338 81-81 81.1/200 encrypted. (30-May-04)(JUM)

06969.5 unid: french Ops 0925 USB/Thales-ALE +Voices (03/Jun/04)(KK)

06981.0 204DVA: (probably Dept of Veteran's Affairs): 0049 USB/ALE sounding. 06/08 RP3[

06981.0 673DVA: (possible Dept of Veteran's Affairs): 1411 USB/ALE sounding. Also sounding on 05038.5. Thks to tip from JM. 06/05 RP3

06981.0 673DVA: (possible Dept of Veteran's Affairs): 2303 USB/ALE sounding. 06/07 RP3

06981.0 673DVA: (probably Dept of Veteran's Affairs): 0057 USB/ALE sounding. 06/08 RP3

06981.0 950DVA: Department of Veterans Affairs, unid location: 1921 USB ALE Confirmed frequencies:05038.5 06981.0 12076.0 (04/JUNE/04) (JLM)

06992.5 MFT905: British Royal Navy Sea Cadet Corps 1917 USB wkg "PHAS" Radio Check. MFJ05 also online then bad CW transmission (11/Jun/04) (KK)

07000.0 2004: Carabinieri HQ Roma?, I 1745 USB/MIL-STD188-141A/CLOVER-2000, exchanging tfc with 2005 (10Jun04) (LDO)

07000.0 2005: Carabinieri Peacekeeping unit Balkans, 1745 USB/MIL-STD 188-141A/CLOVER-2000, short tfc. exchange with 2004 (10Jun04) (LDO)

07130,0 French pirates: France 0835 USB Traffic in french - One of this pirates is in dept 25 31/05/04 (SP1)

07313.5 AFT2HG: USAF MARS 1347 USB / working other USAF MARS stations in the net. (09May2004) (Midwest USA)

07362.5 950DVA: (possible Dept of Veteran's Affairs): 2125 USB/ALE sounding. 06/07 RP3

07362.5 950DVA: Department of Veterans Affairs, unid location: 2123 USB ALE. Net frequencies: 05038.5 06981.07362.5 12076.0 (04/JUNE/04) (JLM)

07371.0 NNN0JQC: USN-USMC MARS NCS 1319 USB / working other USN-USMC MARS stations in the net. (08May2004) (Midwest USA)

07485.0 BMA: Romanian MOI Baia-Mare 1237 USB ALE/MIL-188-141A clg MIR Romanian MOI Miercurea (07/Jun/04) (KK)

07485.0 GUI: Romanian MOI Giurgiu 1240 USB ALE/MIL-188-141A clg SLO Romanian MOI Slobotia (07/Jun/04) (KK)

07485.0 GUI: Romanian MOI Giurgiu 1241 USB ALE/MIL-188-141A clg BMA Romanian MOI Baia-Mare (07/Jun/04) (KK)

07485.0 RES: Romanian MOI Resita 1238 USB ALE/MIL-188-141A clg BU3 MOI Bucuresti, Sect.3, ROU (07/Jun/04) (KK)

07485.0 SGH: Romanian MOI Spintu-Gheorge 1246 USB ALE/MIL-188-141A clg SMA Romanian MOI Satu Mare (07/Jun/04) (KK)

07485.0 SGH: Romanian MOI Spintu-Gheorge 1248 USB ALE/MIL-188-141A clg BU4 MOI Bucuresti, Sect.4, ROU (07/Jun/04) (KK)

07590.0 AFRTS/AFN: US military HF feeder 0531 USB / weak with RTTY QRM. Parallel with 6350.0 & 7507.0 khz USB.

(20June2004) (Midwest USA)
07620.0 unid 0630 unid mode ?? or jamming / any idea? Jun12 04 ML
07646.2 Unid: (probably DDH8-Hamburg Meteo): 0109 RTTY 50bd/450hz
w/synoptic wx. 05/31 RP3
07710.0 VFF: Iqaluit CG 0557 FAX Ice Analysis N Hudson Bay
(11JUL04)(KB)
07745.5 UT4D: Unloc. Dutch SFOR related unit, BIH/HOL 0753
USB/MIL-STD 188-141A, calling SF02 (01Jun04) (LDO)
07760.0 Unid: o/M (SS) 0120 USB w/o/M (SS). 06/03 RP3
07782.0 SFABE: ?SFOR 2100 USB ALE/MIL-188-141A snd
(10/Jun/04) (KK)
07806.0 no-call: UNID Eastern European net, 0815 USB/R&S 2400Bd
proprietary burst PSK mode, link setup using ALIS with
228.65 Bd/170Hz, possibly parts of the old SNG-xxx net
(31May04) (LDO)
07817.0 730: Prob. Georgian Military net?, 0856 MIL.STD 188-141A
ALE =on USB to 725 . No voice on freq. (10/Jun)(MR)
07849.0 CGGN: (HQs, Venezuelan National Guard): 0114 USB/ALE TO
MIRA1(Prob Dir.Transporte Naval Miranda). 06/06 RP#
07849.0 CGGN: (HQs, Venezuelan National Guard): 2326 USB/ALE TO
PORLAMAR (Destacamento de Apoyo Aereo #7, Parlomar
Airport). Also noted on 09052.0. 06/09 RP3
07849.0 CGGN: HQS, Venezuelan National Guard): 2327 USB/ALE TO
PORLAMAR (Porlamar, Isla de Margarita). Also noted on
10600.0. 06/03 RP3
07849.0 DESTAFAC23: (Detachment 23, Combined Military Forces,
Venezuela): 0202 USB/ALE TO VARGAS (unidentified). Also
noted on 10272.0. 06/04 RP3
07849.0 FALCON: (Naval Base =E2=80=9CMariscal Juan Cris=C3=
B3stomo Falc=C3=B3n=E2=80=9D, Venezuelan Navy): 2329
USB/ALE TO CGEJM (Cuartel General Ejercito-Movil-
Venezuelan Army HQs(Mobile). 06/02 RP3
07849.0 PORLAM: (Destacamento de Apoyo Aereo #7, Parlomar
Airport): 2326 USB/ALE TO CGGC (HQs, Venezuelan Coast
Guard). 06/09 RP3
07849.0 RESERVA2: Unidentified, Venezuelan Army): 0058 USB/ALE TO
TALLERESM (unidentified, Venezuelan Army). Also noted on
10272.0 & 10600.0. 06/10 RP3
07865.0 no-call: German MIL net, D 1945 USB/EADS-MAHRS 2400Bd PSK
burst mode, occasional ARCOTEL ALE burst and busy EPM
burst tfc. (05Jun04) (LDO)
07875.0 BASE1: unid base stn 0846 USB ALE/MIL-188-141A clg
MOBIL1 [CMD (LQA)]: 44 49 41 4C 34 20 (03/Jun/04)(KK)
07880.0 DDK3: HAMBURG 1996 FAX european wind chart Jun04 04 ML
07906.0 no-call: UNID French MIL or MOI, F 0906 USB/STANAG 4285
600 bps/L, non-stop testing in French "testing testing
testing pour essai pour essai" no station or circuit ID
sent (01Jun04) (LDO)
07918.0 unid: 1735 USB ee yl "YH group 6 " Mai30 04 ML
07929.0 no-call: Romanian MIL net, ROU 1222 USB, phone patch and
other voice tfc in Romanian, voice tfc preceded by short
244Bd/1200Hz FSK for link mgmt (cf +1.7kHz)
(01Jun04) (LDO)
07965.0 222: PRC station 2305 Mil-std 188-141A/USB sounding.
(30-May-04) (JUM)
07965.0 SIBB13: unid Romanian station Sibiu 1226 USB
ALE/MIL-188-141A clg IASB13 Iasi (07/Jun/04) (KK)
08010.0 ALB: ALX, ARA, BAC, BIS, BRL, BSV, BU1, BU2, BU3, BU4
BU5, BUZ, CAL, CNP, CON, CRA, DEV, DRO, FOC, GAL, GIU
IAS, MIR, ORA, PLS, PNM, RAM, RES, SGH, SIB, SLA, SMA
SUC, TAR, TIM, TMU, TUL, VAS, ZAL various Romanian MOI
Stations 1230-2100 USB ALE/MIL-188-141A (08/Jun/04) (KK)
08010.0 BU1: Romanian MOI Bucharest, ROU 1029 USB/MIL-STD
188-141A/MIL-STD 188-110A serial, tfc. to CNP [=Cluj
Napoca] using Harris RF-67x0 SW (05Jun04) (LDO)
08010.0 BU2: Romanian MOI Bucharest, ROU 1248 USB/MIL-STD
188-141A/MIL-STD 188-110A serial, tfc. to ZAL [=Zalau]
using Harris RF-67x0 software (05Jun04) (LDO)

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08010.0 BU5: ROU MoI/MIL 1612 MIL-188-141A clg. TUL, ALX (14 Jun04)(HPT)

08010.0 BU5: Romanian MoI Bucharest, ROU 1354 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc. to TIM [= Timisoara] using Harris RF-67x0 software(05Jun04) (LDO)

08010.0 BUZ: Romanian Police Buzau, ROU 1125 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc. to BU5 [=MoI Bucharest] using Harris RF-67x0 SW(05Jun04) (LDO)

08010.0 CNP: Romanian Police Cluj Napoca, ROU 1029 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc. to BU1 [= Bucharest] using Harris RF-67x0 SW (05Jun04) (LDO)

08010.0 TIM: Romanian Police Timisoara, ROU 1354 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc. to BU5 [=Bucharest] using Harris RF-67x0 SW (05Jun04) (LDO)

08010.0 VAS: Romanian Police Vaslui, ROU 1407 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc. to BU5 [= Bucharest] using Harris RF-67x0 SW (05Jun04) (LDO)

08010.0 ZAL: Romanian Police Zalau, ROU 1248 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, tfc. to BU2 [= Bucharest] using Harris RF-67x0 software (05Jun04) (LDO)

08012.0 043SERCAP: & 022NHQCAP, Civil Air Patrol stations: 2310 USB ALE/voice. Voice calls SOUTH EAST CAP 43 & HEADCAP22 (04/JUNE/04) (JLM)

08021.0 MAE: MFA Algiers, ALG 0757 USB/MIL-STD 188-141A, calling Tunis (11Jun04) (LDO)

08028.0 Unid: NATO 0047 Link-11 (29/05/04) (AJP)

08035.0 BSVB7: Romanian Police Brasov, ROU 1739 USB/MIL-STD 188-141A, calling CNPB7 [=Cluj Napoca] (10Jun04) (LDO)

08047.0 H2B: (probably HQ ANG, Andrews AFB): 1326 USB/ALE sounding. 06/04 RP3

08047.0 LATNGB: (Nat'l Guard Bureau, probably Latham NY): 1802 USB/ALE TO ISXNGB (Nat'l Guard Bureau, probably Islip NY). 06/05 RP3

08047.0 M010AN: (unidentified): 1600 USB/ALE TO M010EN (unidentified). Probable US Army National Guard. 06/05 RP3

08047.0 N020YN: (possible US Army Nat'l Guard unit): 1445 USB/ALE TO N020KR (possible US Army Nat'l Guard unit). 06/09 RP3

08089.0 GIB1: British MIL Gibraltar?, GIB? 2106 USB/MIL-STD 188-141A, sounding (29May04) (LDO)

08097.0 Unid: 1110 Chinese 4+4 (31/05/04) (AJP)

08097.0 V2: ? 0640 AM span y1 "cinco..."Jun12 04 ML

08103.0 4XZ: (Israeli Navy): 0102 CW w/5-ltr groups. 05/31 RP3

08171.5 T1Z159: (1/159th Avn Regt, Skimmons AAF, Ft Bragg NC): 1446 USB/ALE sounding. Also sounding on 09295.0. 06/05 RP3

08171.5 TX18NG: TX Army NG Aviation Unit: 2309 USB ALE (04/JUNE/04) (JLM)

08180.0 ELEFANTE: MOD Roma, I 0800 USB/FSK-1200Bd/ISS- mode, traffic to unlocated station, QSX not found (10Jun04) (LDO)

08188.5 437843: Unid, 1015 MIL.STD 188-141A ALE on USB to 437801. =Prob. Arabian voice. (10/Jun)(MR)

08220.0 Unid: 1122 Chinese 4+4 (31/05/04) (AJP)

08234.0 FRZ: UNID MIL station, ??? 1637 USB/MIL-STD 188-141A/MIL-STD 188-110A App.B 39-tone modem tfc. to JPQ using Harris RF-67x0 sw, station some 25 Hz off frequency (10Jun04) (LDO)

08234.0 FRZ: unid 1446 USB ALE/MIL-188-141A clg JPQ response and strong ANDVT data (11/Jun/04) (KK)

08234.0 JPQ: UNID MIL station, ??? 1638 USB/MIL-STD 188-141A/MIL-STD 188-110A App.B 39-tone modem tfc. to FRZ using Harris RF-67x0 sw (10Jun04) (LDO)

08234.0 JPQ: unid 1500 USB ALE/MIL-188-141A clg ALV (11/Jun/04) (KK)

08252.0 Unid: Possible USN tracking net, some accented English, relaying tracks: 1600 USB voice(07/JUNE/04) (JLM)

08280.0 BRION: (Frigate, "Almirante Brion", F-22, venezuelan

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Navy): 0113 LSB/ALE TO DCCOP (Direccion de Coordinacion Y Control Operacional). Also noted on 08825.0 LSB.
06/10 RP3

08310.0 Unid: O/M (SS): 0042 USB w/unheard station. 05/31 RP3
08390.0 RETJ: SN madrid 0700 ITA2/100 encrypted Jun12 04 ML
08414.5 : Hong Kong Radio HKG DSC 2104 UTC (AB)
08414.5 : Iqaluit Radio CAN wkg Labrador DSC 2008 UTC (AB)
08414.5 : Istanbul Radio TUR DSC 2014 UTC (AB)
08414.5 : Madrid Radio, Spain E wkg mv Kanaris /P3FE9. DSC 1149 UTC (AB)
08414.5 : Shanghai Radio CHN DSC 1926 UTC (AB)
08414.5 EIJG: mv Arklow Fortune clg IW Lyngby, Denmark DSC 1136 UTC (AB)
08414.5 NMA: USCG, Miami USA DSC 2033 UTC (AB)
08414.5 OXZ: Lyngby Radio DNK DSC 1054 UTC (AB)
08414.5 SVO: Olympia Radio GRC DSC 1714 UTC (AB)
08416.5 NMF: USCG Boston, MA 1345 FEC 100/170 Maritime Weather Forecast (22/Jun/2004) (J.Berri-CA)
08420.0 unid: lzm 2242 cw / (15/Jul/2004) (anonymous)
08426.0 UIW: KALININGRAD 0705 CW "de uiw kld..." Jun12 04 ML
08429.5 IAR: ROMA 0706 ITA2/75 carbs Jun12 04 ML
08431.0 TAH: Istanbul Radio, TUR 2007 SITOR-B/170Hz, weather reports in Turkish (05Jun04) (LDO)
08450.2 PNK: UNID Swedish Naval station?, S? 1610 USB/MIL-STD 188-110A serial tone modem, broadcast tfc to HWK using 1200bps/L (05Jun04) (LDO)
08452.7 no-call: UNID station, ??? 1645 PACTOR-II, 5LG offline crypto to ARL4, lengthy op chat in EE (05Jun04) (LDO)
08455.0 RFFMEA: French Navy 2150 RTTY 75/850 FM NAVITER FRANCE SUD TO BATIMENTS (29/05/04) (AJP)
08502.0 XSG: Shanghai Radio 1920 CW Marker (11/Jun/04) (KK)
08565.0 Unid: 2055 FSK 50/850 (29/05/04) (AJP)
08734.0 SVO: Olympia Radio 1220 USB E/Gr callband (02 Jun 04)(HPT)
08825.0 B-18610: 1419 USB MWARA NAT-A/E, China Air B-18610, selcal EPCK, working New York with posn, wx, fuel status and selcal check 14/Jun/2004 (TR)
08825.0 BRION: (Frigate " Almirante brion", F-22, Venezuelan Navy): 2344 LSB/ALE TO DCCOP (Direccion de Coordinacion Y Control Operacional). Also noted on 08280.0 LSB.
06/09 RP3
08825.0 Cayenne Aero: 1105 USB MWARA NAT-A/E, rather weak signal, working various mostly unheard aircraft in both English and French, advising flight levels and selcal checks 2/Jun/2004 (TR)
08825.0 F-BTDH: 1130 USB MWARA NAT-A/E, Air France 742(?), selcal KMBF, calling Cayenne Aero for selcal check 2/Jun/2004 (TR)
08825.0 OK-DGM: 1320 USB MWARA NAT-A/E, Czech Airlines OK-DGM, selcal RSEL, working Santa Maria for selcal check 14/Jun/2004 (TR)
08825.0 OO-SFX: 1331 USB MWARA NAT-A/E, Sabena OO-SFX, selcal BLHS, working New York with posn and selcal check 14/Jun/2004 (TR)
08825.0 UNID: 1222 USB voice tfc in Russian, male and female ops 2/Jun/2004 (TR)
08828 Hong Kong VOLMET: 1815 USB poor signal (02Jul2004) (AT)
08828.0 HONGKONG: VM 1748 USB om Mai31 04 ML
08828.0 Hong Kong VOLMET: 1317 USB (presumed) very weak signal with flight wx for SEA airports in English 2/Jun/2004 (TR)
08855.0 ATC SAM-2: / brasil ? 0718 USB port Jun12 04 ML
08861.0 Canarias: (MWARA AFI-1/SAM-1): 0138 USB w/Iberia 6231 (O/M SS) w/position report. 06/03 RP3
08864.0 AX900: 1117 USB MWARA NAT-B, Air Europe Express AX900 calling Iceland (Reykjavik) Aero with posn report 7/Jun/2004 (TR)
08864.0 NAT ATC: 1916 USB work JMQS AAL B777 // BPAS A6-EKI UAE

A310 Jun1004ML

- 08879.0 CN-RGA: 1056 USB MWARA AFI-5, Royal Air Maroc CN-RGA, selcal FJGR, working Daressalaam (barely heard here) with ETA at destination and selcal check 15/Jun/2004 (TR)
- 08879.0 EC-DHZ: 1053 USB MWARA NAT-C, Iberia EC-DHZ, selcal ELBM working Gander for selcal check 15/Jun/2004 (TR)
- 08879.0 F-BPVP: 1103 USB MWARA AFI-5, Air France F-BPVP, selcal EKCG, working Lusaka (barely heard here) with posn, wx, fuels status and selcal check 15/Jun/2004 (TR)
- 08879.0 F-BPVV: 1122 USB MWARA AFI-5, Air France F-BPVV, selcal EJBF, 15/Jun/2004 (TR)
- 08879.0 G-VIIJ: 1038 USB MWARA NAT-C, British Airways G-VIIJ, selcal GKFR, working Shanwick with posn and fuel status, requesting flightlevel change and selcal check 15/Jun/2004 (TR)
- 08879.0 G-VSEA: 0940 USB MWARA NAT-C, Virgin Atlantic G-VSEA, selcal MRKQ, working Iceland for selcal check 15/Jun/2004 (TR)
- 08879.0 HB-IBH: 0957 USB MWARA NAT-C, BizJet HB-IBH, selcal BMPR, working Iceland with posn, wx, fuel status and selcal check 15/Jun/2004 (TR)
- 08879.0 I-SNAX: 1014 USB MWARA NAT-C, BizJet I-SNAX, selcal MRHS, working Gander for selcal check 15/Jun/2004 (TR)
- 08879.0 N814AW: 1015 USB MWARA NAT-C, America West Air N814AW, selcal HRBJ, working Iceland with posn, wx, fuel status and selcal check 15/Jun/2004 (TR)
- 08879.0 N835CW: 1010 USB MWARA NAT-C, Corporate wings N835CW, selcal HMCJ, working Shanwick for flightlevel request and selcal check 15/Jun/2004 (TR)
- 08888.0 SAMARA VM: 1725 USB russ yl Mai29 04 ML
- 08888.0 Tyumen VOLMET: 1320 USB flight wx in Russian 2/Jun/2004 (TR)
- 08888.8 Tropio 4: (O/M SS): 0029 USB calling Tropio 1 w/no response. 05/31 RP3
- 08891.0 C-FXCA: 0916 USB MWARA NAT-D, Canadian airlines C-FXCA, selcal CQAL, working Shanwick for selcal check 7/Jun/2004 (TR)
- 08891.0 G-BYGA: 2140 USB MWARA NAT-D, British Airways G-BYGA, selcal CPMQ, working Iceland (Reykjavik) for selcal check, posn, wx and fuel status 8/Jun/2004 (TR)
- 08903.0 Accra Aero: 2230 USB MWARA AFI-4, working British Airways G-CIVT, selcal CLDP 2/Jun/2004 (TR)
- 08903.0 Kano Aero: 2327 USB MWARA AFI-4, both Kano Radio and unid aircraft call N'Djamena repeatedly with no reply 9/Jun/2004 (TR)
- 08903.0 N60WL: 2318 CW MWARA AFI-4, BizJet N60WL, selcal DFCE, working Kinshasa for selcal check 9/Jun/2004 (TR)
- 08903.0 N619UA: 2324 USB MWARA AFI-4, United Airlines N619UA, selcal KMLP, working Kinshasa for selcal check 9/Jun/2004 (TR)
- 08903.0 NAHA: ARTCC Naha Okinawa 2331 USB wkg unid aircraft. (30-May-04) (JUM)
- 08906.0 9K-AMA: 1126 USB MWARA NAT-B, Kuwait Airways 9K-AMA, selcal DRFK, working Gander for selcal check and routing request 8/Jun/2004 (TR)
- 08906.0 9V-SMO: 1338 USB MWARA NAT-A, Singapore Airlines 9V-SMO, selcal BPHR, working Shanwick for selcal check, posn, wx and fuel status 8/Jun/2004 (TR)
- 08906.0 Air France 488: 1046 USB MWARA NAT-A, working Shanwick for selcal check 4/Jun/2004 (TR)
- 08906.0 Cubana 455: 1137 USB MWARA NAT-A, working Shanwick with flight path, level and position, Shanwick requests ETA at destination 4/Jun/2004 (TR)
- 08906.0 D-ABYX: 1158 USB MWARA NAT-B, Lufthansa D-ABYX, selcal CGFL, working Gander for selcal check, wx, posn and fuel status 8/Jun/2004 (TR)
- 08906.0 F-GRSH: 1207 USB MWARA NAT-B, Star Airlines F-GRSH,

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selcal JPEK, working Gander for selcal check, wx, posn
and fuel status 8/Jun/2004 (TR)

08906.0 G-BNLM: 0850 USB MWARA NAT-A, British Airways G-BNLM,
selcal BPCJ, working Shanwick with position, wx and fuel
status and requesting selcal check 6/Jun/2004 (TR)

08906.0 G-BNWO: 1144 USB MWARA NAT-B, British Airways G-BNWO,
selcal EKJQ, working Shanwick for selcal check, posn, wx
and fuel status 8/Jun/2004 (TR)

08906.0 G-BNWU: 1250 USB MWARA NAT-A, British Airways, selcal
ELBQ, works Santa Maria Aero checking selcal
2/Jun/2004 (TR)

08906.0 G-VIIU: 1131 USB MWARA NAT-B, British Airways G-VIIU,
selcal GJFR, working Shanwick for selcal check
8/Jun/2004 (TR)

08906.0 LX-LGK: 1605 USB MWARA NAT-A, Luxair LX-LGK, selcal
AFBE, working Shanwick with selcal check and requesting
flight level change 8/Jun/2004 (TR)

08906.0 N2428: 1238 USB MWARA NAT-A, BizJet N2428, selcal
KSEL, working New York for selcal check, posn, wx and
fuel status 8/Jun/2004 (TR)

08906.0 N395AJ: 1135 USB MWARA NAT-B, Amerijet N395AJ, selcal
HKDL, working Gander for selcal check 8/Jun/2004 (TR)

08906.0 N407EV 1335 USB MWARA NAT-A, Eva Airways N407EV,
selcal BJHR, working Shanwick for selcal check
8/Jun/2004 (TR)

08906.0 N422FE: 1201 USB MWARA NAT-B, FedEx N422FE, selcal
HREM, working Gander for selcal check 8/Jun/2004 (TR)

08906.0 N660AM: 1339 USB MWARA NAT-A, American Airlines
N660AM, selcal FLRS, working Shanwick for selcal check,
posn, wx and fuel status 8/Jun/2004 (TR)

08906.0 N665AA: 0900 USB MWARA NAT-A, American Airlines
N665AA, selcal FMRS, working Shanwick with selcal check
and request for wx and flightpath confirmation
6/Jun/2004 (TR)

08906.0 N68065: 1614 USB MWARA NAT-A, Continental Airlines
N68065, selcal BHKM, working Shanwick for selcal check and
routing confirmation, Shanwick confirms and advises to
contact Gander at 30W 8/Jun/2004 (TR)

08906.0 N682AA: 1228 USB MWARA NAT-A, American Airlines
N682AA, selcal GJKS, calling New York with no joy, then
working Gander for selcal check 8/Jun/2004 (TR)

08906.0 N967DL: 1112 USB MWARA NAT-A, Delta Airlines N967DL,
selcal CKEQ, working Santa Maria Aero for selcal check
and flight level advise 4/Jun/2004 (TR)

08906.0 PH-BUT: 1146 USB MWARA NAT-B, KLM PH-BUT, selcal DLAM,
working Shanwick for selcal check and wx enquiry
8/Jun/2004 (TR)

08906.0 PP-VON: 1327 USB MWARA NAT-A, Varig PP-VON, selcal
FJBK, working Shanwick for selcal check and flight level
change confirmation 8/Jun/2004 (TR)

08906.0 PP-VPN: 1600 USB MWARA NAT-A, Varig PP-VPN, selcal
GSMR, working Shanwick with selcal check
8/Jun/2004 (TR)

08906.0 PP-VPW: 1136 USB MWARA NAT-B, Varig PP-VPW, selcal
BLPS, working Gander for selcal check and psn rpt
8/Jun/2004 (TR)

08906.0 Reach 176: 1143 USB MWARA NAT-A, working Shanwick and
requesting flight level 350, Shanwick advises of OK
clearance later 4/Jun/2004 (TR)

08906.0 Santa Maria Aero: 2215 USB MWARA NAT-A, working Reach
033 with selcal KQAR but selcal didn't work
2/Jun/2004 (TR)

08906.0 ZS-SAX: 0852 USB MWARA NAT-A, South African Airways
ZS-SAX, selcal CQAS, working Shanwick with position, wx
and asking for flight path confirmation, Shanwick
confirms flight path and level and requests selcal check
6/Jun/2004 (TR)

08909.0 UNID: 2225 USB RDARA India-S, viece tfc by at least

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three male ops, language was clearly Hindi, but this
din't sound like aero tfc at all 2/Jun/2004 (TR)

08912.0 Aeroflot SU0254: 2335 HFDL/USB [HFNPDU PERFORMANCE]
23:35:26 UTC Flight ID = SU0254 LAT 50 25 52 N LON 7
48 50 E 13/Jun/2004 (TR)

08912.0 Aeroflot SU0516: 0117 HFDL/USB [HFNPDU PERFORMANCE]
01:17:48 UTC Flight ID = SU0516 LAT 45 19 36 N LON 42
57 54 E 14/Jun/2004 (TR)

08912.0 Aeroflot SU0520: 0154 HFDL/USB [HFNPDU PERFORMANCE]
01:54:04 UTC Flight ID = SU0520 LAT 48 0 10 N LON 45
36 56 E 14/Jun/2004 (TR)

08912.0 American Transair TZ0437: 0403 HFDL/USB [HFNPDU
PERFORMANCE] 04:03:20 UTC Flight ID = TZ0437 LAT 30 29
19 N LON 80 49 30 W 14/Jun/2004 (TR)

08912.0 American Transair TZ0504: 0224 HFDL/USB [HFNPDU
PERFORMANCE] 02:24:12 UTC Flight ID = TZ0504 LAT 27 54
20 N LON 82 41 15 W 14/Jun/2004 (TR)

08912.0 American Transair TZ0537: 0133 HFDL/USB [HFNPDU
PERFORMANCE] 01:33:06 UTC Flight ID = TZ0537 LAT 29 54
6 N LON 81 30 57 W 14/Jun/2004 (TR)

08912.0 Continental CO0078: 0126 HFDL/USB [HFNPDU PERFORMANCE]
01:26:44 UTC Flight ID = CO0078 LAT 49 2 32 N LON 53
23 44 W 14/Jun/2004 (TR)

08912.0 HFDL-GS 04 Riverhead: 2253 HFDL/USB [HFNPDU ACARS GND
STN] 13/Jun/2004 (TR)

08912.0 Lufthansa LH8189: 0423 HFDL/USB [HFNPDU PERFORMANCE]
04:23:24 UTC Flight ID = LH8189 LAT 52 39 22 N LON 8
48 6 W 14/Jun/2004 (TR)

08912.0 Lufthansa LH8400: 2239 HFDL/USB [HFNPDU PERFORMANCE]
22:39:18 UTC Flight ID = LH8400 LAT 51 59 8 N LON 19
44 50 W 13/Jun/2004 (TR)

08912.0 Lufthansa LH8406: 0139 HFDL/USB [HFNPDU PERFORMANCE]
01:39:36 UTC Flight ID = LH8406 LAT 50 17 10 N LON 8
39 27 E 14/Jun/2004 (TR)

08912.0 Luxair LX0183: 0119 HFDL/USB [HFNPDU PERFORMANCE]
01:19:56 UTC Flight ID = LX0183 LAT 42 31 38 N LON
35 14 47 E 14/Jun/2004 (TR)

08912.0 Northwest Airlines NW0170: 0141 HFDL/USB [HFNPDU
PERFORMANCE] 01:41:16 UTC Flight ID = NW0170 LAT 41 53
47 N LON 81 4 42 W 14/Jun/2004 (TR)

08912.0 Qatar Airways QR0005: 0117 HFDL/USB [HFNPDU
PERFORMANCE] 01:17:46 UTC Flight ID = QR0005 LAT 25
25 51 N LON 51 35 41 E 14/Jun/2004 (TR)

08912.0 South African Airways SA0260: 0117 HFDL/USB [HFNPDU
PERFORMANCE] 01:17:48 UTC Flight ID = SA0260 LAT 32 53
35 N LON 13 29 49 E 14/Jun/2004 (TR)

08912.0 Virgin Atlantic VS0022: 0117 HFDL/USB [HFNPDU
PERFORMANCE] 01:17:16 UTC Flight ID = VS0022 LAT 46 1
53 N LON 64 28 42 W 14/Jun/2004 (TR)

08912.0 Virgin Atlantic VS0201: 0301 HFDL/USB [HFNPDU
PERFORMANCE] 03:01:48 UTC Flight ID = VS0201 LAT 52 54
38 N LON 5 35 44 E 14/Jun/2004 (TR)

08918.0 Cenamer Aero: 2237 USB MWARA CAR-A, working Air
Jamaica, 6Y-JAE, with selcal KSDM 2/Jun/2004 (TR)

08918.0 New York (MWARA CAR-A): 0027 USB w/AA1798 & Virgin 6
w/position reports. 05/31 RP3

08918.0 New York (MWARA CAR-A): 0446 USB w/Iberia 6120 (EC-DIA,
B-747)w/position report and selcal check (EJ-GL).
06/02 RP3

08918.0 New York (MWARA CAR-A): 1911 USB w/Pack 31 (KC-135, NH
ANG Pease ARB) w/position report. 05/31 RP3

08918.0 XA-SNC: 2251 USB MWARA CAR-A, Transejecutivo XA-SNC,
9/Jun/2004 (TR)

08921 British Airways LDOC: 1810 USB wkg BA6887 pp to Medical
given re ill pax (07Jul2004) (AT)

08921 British Airways LDOC: 1814 wkg AIH630 w/radio and sc chk
(07Jul2004) (AT)

08921.0 LDOC BAW: 0713 USB ee work flight with unid number

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/problems with water on board Jun12 04 ML
08925.0 fishermen: 0719 USB span d/x Jun12 04 ML
08927 Saudia LDOC: 1739 USB wkg SV6871 (07Jul2004) (AT)
08930 144618 1639 USB LDOC, CanForce 144618, selcal BQLS, working
Stockholm Radio for selcal and radio check
7/Jul/2004 (TR)
08930 4X-ELB 0703 USB LDOC, 4X-ELB, EL AL 002, selcal EGBH,
calling Stockholm Radio and requesting phone patch to Israel,
Stockholm Radio advises QSY to 10805
14/Jul/2004 (TR)
08930 AP-BFV 1308 USB LDOC, PIA709, AP-BFV, selcal HMGJ, calling
Stockholm Radio with request for wx at EGBB (Birmingham),
EGCC (Manchester) and EGLL (London Heathrow), selcal
check good, ETA Manchester 1530 7/Jul/2004 (TR)
08930 D-ABZI 1444 USB LDOC, Lufthansa D-ABZI, selcal FJLM,
working Stockholm Radio with fuel status, selcal check
and requesting wx for EDDC (Dresden) and EDDP (Leipzig)
7/Jul/2004 (TR)
08930 G-VMEG 1557 USB LDOC, Virgin Atlantic G-VMEG, selcal EHMP,
working Stockholm Radio with selcal check and requesting
wx for EKYT (Aalborg) and EKOD (Odense) 7/Jul/2004 (TR)
08930 N483A 1446 USB LDOC, American N483A, selcal FJMP, working
Stockholm Radio for selcal and radio check
7/Jul/2004 (TR)
08930 N516MC 1330 USB LDOC, Atlas Air N516MC, selcal CKGL,
working Stockholm Radio with selcal check and wx request
for EGCC (Manchester) 7/Jul/2004 (TR)
08930 N776UA 1441 USB LDOC, United N776UA, selcal AQJL, working
Stockholm Radio for selcal and radio check
7/Jul/2004 (TR)
08930 PP-VQY 1446 USB LDOC, Varig PP-VQY, selcal HKLM, working
Stockholm Radio with phonepatch request and selcal check
7/Jul/2004 (TR)
08930 TF-ARD 1637 USB LDOC, Air Atlanta TF-ARD, selcal BGCF,
working Stockholm Radio with selcal check and requesting
wx for BIRK (Reykjavik) and BIHN (Akurnes)
7/Jul/2004 (TR)
08930 UR-GAC 1442 USB LDOC, Air Ukraine Intl UR-GAC, selcal LMHK,
working Stockholm Radio with fuel status and selcal check
7/Jul/2004 (TR)
08942.0 SHANNON: 0748 HF DL SU215 /SU117 /SU273 / SU265 /LV644 /
CO61 /FX9077Mai31 04 ML
08942.0 shannon air: 1711 HF DL RAM802 / royal air maroc SU299
/aeroflot above poland // LH8419 / lufthansa AH2153 /air
algerie near azores Mai29 04 ML
08951.0 TOKYO: ARTCC TOKYO 2333 USB wkg AIR TRANS 7249.
(30-May-04) (JUM)
08983.0 PANTHR: (Panther, DEA/OPBAT Nassau, Bahamas): 1426
USB/ALE sounding. Also sounding on 12138.0 & 14350.0.
06/03 RP3
08992.0 Keflavik: 2243 USB GHFS, '5kn6kv std/by msg follows:
kn6kv6zizka4fr4xufcd5wqn2f4, I say again... this is
Keflavik, out' 2/Jun/2004 (TR)
08992.0 Offut: 2250 USB GHFS, '5kmu5t std/by msg follows:
5kmu5twep4r52fopzfgq4pba6lpw, I say again... Offut out',
simulcasting on 11175 kHz 2/Jun/2004 (TR)
08992.0 was active at 0543z 14 Jul 04 with RAZOR 22
(weak/readable) working MCCLELLAN for a phone patch to
PEACH TREE.(JH)
08992.0 was active at 1541z 21 Jul 04 with AXE KNIFE
(weak/readable levels here) calling MAINSAIL and raising
ANDREWS (unheard here) and being moved to 11175.0.
08992.0 was active at 1725z and 1736z 07 Jul 04 with ACID MAN
(fair levels here) calling MAINSAIL and raising MCCLELLAN
(unheard here; weak to ACID MAN) for brief signal checks
and gone. Between the two calls he may have responded to
another aircraft (unheard here) requesting a signal
check.(JH)

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- 08992.0 was active at 1824z 08 Jul 04 with RAZOR 88 (fair/weak levels here) calling MAINSAIL for a signal check but stepped on by OFFUTT bcsting a 154-character EAM (43XP2R). RAZOR 88 not heard after the conclusion of the EAM xmsn. Busy local mid-day for longer EAM strings. A 171-character string around 1500z and a 26-character (+/-) NC... series string around 1750z. (JH)
- 08995.0 WINSTON: calling (other station call sign unreadable due to lightning) in clear calling unk station that appeared to reply in encrypted voice 12 Jun 04 (TN)
- 09017.0 BRION: Frigate Almirante Brion F-22 2105 LSB ALE/MIL-188-141A c/g DCCOP Dir.de Coordination Control Op.(10/Jun/04) (KK)
- 09031.0 Architect: (RAF Flight watch): 0300 USB w/airfield status report. 06/04 RP3
- 09031.0 Architect: (RAF Flight watch): 2325 USB w/Ascot 6502 (not heard)w/radio & selcal check (?K-ES). 06/02 RP3
- 09031.0 RAF Cyprus: Flight watch 1616 USB EE wx (14 Jun 04)(HPT)
- 09047.0 043SERCAP: Civil Air Patrol, South East Region 0050 USB ALE/MIL-188-141A snd (02/Jun/04) (KK)
- 09049.8 unid: Ukrainian Military UKR 10:50 ITA2/50/200 encrypted after ZZZZZZZZZZZZ (02 June PPA)
- 09052.0 CER11: MFA Paris, F 1010 USB ALE/MIL-188-141A c/g RABAT French Embassy Rabat, MRC (03/Jun/04)(KK)
- 09052.0 CGEJM: (Venezuelan Army HQs-Mobile): 0108 USB/ALE TO RESERVA2 (unidentified). Also noted on 10600.0. 06/10 RP3
- 09052.0 CGGN: (HQs, Venezuelan National Guard): 0106 USB/ALE TO CUFAN1(Unified Command of National Armed Forces). Also noted on 10600.0. 06/10 RP3
- 09052.0 CGGN: (HQs, Venezuelan National Guard): 0112 USB/ALE TO MIRAI(probably Dir.Transporte Naval Miranda). Also noted on 10272.0 USB. 06/10 RP3
- 09052.0 CGGN: (Venezuelan National Guard HQs): 0107 USB/ALE TO CUFAN1(Unified=Command of National Armed Forces). 06/02 RP3
- 09052.0 LECAIRE: (French Embassy, Cairo): 0259 USB/ALE TO CER41 (French MFA, Paris). 06/13 RP3
- 09052.0 PORLAMAR: (Porlamar, Isla de Margarita, Venezuelan National Guard): 2325 USB/ALE TO CGGN (Venezuelan National Guard HQs). 06/01 RP3
- 09052.0 SCLC22: (Communications Logistics Center, 222nd Motorized Inf Bn, Venezuelan Army): 0122 USB/ALE TO CLC22M (Communications Logistics Center, 22nd Motorized Inf Bde). Also noted on 10272.0 & 10600.0. 06/13 RP3
- 09073.0 no-call: Russian intelligence, RUS 1921 BAUDOT 200.33Bd/500Hz, broadcasting 18 FGs to UNID recipient, slightly overmodulated transmission (31May04) (LDO)
- 09090.0 LCR155: Military HQ Warsaw POL 08:04 ALE/USB Calling SOG933 (02 June PPA)
- 09093.6 1TM652: French Ny Minesweeper C=E9ph=E9e, 1422 USB/MIL-STD 188-141A, working 2TLFUO [=3DNavy Toulon] (11Jun04) (LDO)
- 09093.6 CLBT: Thales Communications Colombes, F 1436 USB/MIL-STD 188-141A/STANAG 4285, KG-84 crypto at 300 bps/long interleaving, t/c to CTSN (11Jun04) (LDO)
- 09106.0 AAT3BFMARS: MARS Region 3 Gateway, Newark, DE USA 2342 USB ALE/MIL-188-141A snd (01/Jun/04) (KK)
- 09106.0 USADA1010: US Army & KAN38, unid US Government: 0004 USB ALE & AMD "TEST FROM PENTAGON" by USADA1010. Also running ALE checks with NTCN station KNY83 (06/JUNE/04) (JLM)
- 09112.0 no-call: UNID Eastern European net, 0820 USB/R&S 2400Bd proprietary burst PSK mode, link setup using ALIS with 228.65 Bd/170Hz, possibly parts of the old SNG-xxx net (31May04) (LDO)
- 09130.0 CNPC3: Romanian Police Cluj Napoca, ROU 1043 USB/MIL-STD 188-141A calling BU3C3 [=Bucharest] (05Jun04) (LDO)

09134.7 FDI22: F AF Narbonne 1420 ITA-2 50/100 ry, wharfs
(14 Jun04)(HPT)

09145.0 CLS: (Ft Campbell KY): 1416 USB/ALE sounding. 06/04 RP3

09150.0 Unid: Spanish fishermen 2034 USB SS Chat abt fishing
QTH? (29/05/04) (AJP)

09190.0 64B: (LST "Los Llanos", T-64, Venezuelan Navy): 0137
OSB/ALE TO BNA (Naval Base "Amario"). Also noted on
13500.0. 06/10 RP3

09190.0 64B: (LST "Los Llanos", Venezuelan Navy): 0203 USN/ALE TO
CGA (HQs, Venezuelan Navy). 06/13 RP3

09190.0 BNA: (Base Naval Amario): 1132 USB/ALE TO CGA (Venezuelan
Navy HQs). 06/03 RP3

09190.0 BNA: (Naval Base "Amario"): 0121 USB/ALE TO CGA (HQs,
Venezuelan Navy). Also noted on 13500.0. 06/10 RP3

09190.0 CGA: (Venezuelan Navy HQs): 2220 USB/ALE TO 61B (LST
"Capana", T-61). 06/01 RP3

09222.0 Unid:O/M (CC) 0026 USB w/O/M (CC). 05/31 RP3

09222.0 no call: Russian airdefence Moscow RUS 11:32 A1A plotted
data (02 JunePPA)

09295.0 BNGNY: (Nat'l Guard Bureau, Binghamton NY): 1647 USB/ALE
sounding. 06/05 RP3

09300.0 2005: UNID (I GUARFI net?) 1535 MIL-188-141A clg. 5003,
DIAL4; 5003 prob. 400 Hz higher, UNID modem
(14 Jun 04)(HPT)

09308.0 UNID: 1140 MIL-188-141A sounds on USB encrypt.
(11 Jun 04)(HPT)

09308.0 prob: SUI Diplo 1506 MIL-188-141A encrypt.
(14 Jun 04)(HPT)

09344.5 unid: Ops 0840 USB/ALE SYS-3000 (03/Jun/04)(KK)

09384.0 OLZ87: Czech embassy Kiev, UKR 1248 USB/MIL-STD 188-110A
serial tone modem, ISS+IRS-mode, using Datron HFCOM2 ARQ-
protocol, return channel on 9288 kHz USB (10Jun04) (LDO)

09595.0 DARKSTAR: calling EXPECT or EXPENSE "in the clear" for HF
radio check: 1548 USB voice.(13/JUNE/04) (JLM)

09595.0 WALL MART: or WALL MARK just announced a missile launch
with projected impact coordinates: 1619 USB voice.
DARKSTAR & EXPENSE still in the net with mention of
DEFIANT GRAY,TRIXIE 34 and CHAOS 21. WALL MART(K) has
also passed geographic coordinates for offensive strikes
to DARKSTAR (13/JUNE/04) (JLM)

09734.0 Olympia Radio: 0030 USB w/voice mirrors in EE & Greek.
05/31 RP3

09980.0 AFRTS/AFN: US military HF feeder 0015 USB / with news and
information. Parallel with 7507.0 kHz USB.
(24June2004) (Midwest USA)

10024 Bogota Aero: 0342 USB Flight 340 clg w/no response
SS(16Jul2004) (AT)

10024 Cenamero Aero: 0335 USB wkg LA601 LAX-LIM SS
(16Jul2004) (AT)

10024 Lima Aero: 0336 USB wkg LA601 SS (16Jul2004) (AT)

10024 Pascua Aero: 0505 USB clg LA801 SCL-AKL SS(18Jul2004) (AT)

10024 Santiago Aero ???: 0505 USB wkg LA801 SS AIREP conversation
ended with "okay 801, buenos noches" when flight
reporting at 80W so presumably Santiago as Pascua would
not be signing off with aircraft at that position...??
(18Jul2004) (AT)

10024.0 CENAMER: (MWARA SAM-2): 0132 USB calling unidentified
aircraft w/no response. 06/03 RP3

10046.0 4XZ: (Israeli Navy, Haifa): 0133 CW w/VV DE 4XZ 4XZ.
06/03 RP3

10051.0 Gander Volmet :2252 Utc usb nat volmet wx condition
1/jun/04 (DP)

10063.0 Unid: Russian Mil 0025 MS5 12 tone BPSK 3300Hz pilot
tone (29/05/04) (AJP)

10066.0 UNID: 2248 USB MWARA SEA-1, unid aircraft calling
Yangon Radio repeatedly with no reply 9/Jun/2004 (TR)

10066.0 YANGON: 1803 USB ee Mai31 04 ML

10090.0 Tashkent Meteo: 1810 Utc usb nca volmet wx condition

- 1/june/04 (DP)
- 10100.8 DDH8: (Hamburg Meteo): RTTY 50bd/450hz w/synoptic wx.
06/03 RP3
- 10115.0 CLC51: (Communications Logistics Center, 51st Jungle Inf
Bde, Venezuelan Army): 0020 USB/ALE TO SCLC513
(Communications Logistics Center, 513th Jungle Inf Bn).
Also noted on 12191.0. 06/13 RP3
- 10115.0 SCLC512: (Communications Logistics Center, 512th Jungle
Inf Bn, Venezuelan Army): 0008 USB/ALE TO CLC51
(Communications Logistics Center, 51st Jungle Inf Bde).
06/02 RP3
- 10150.0 PARNUYJP: unid Parnu? YJP 1329 USB ALE/MIL-188-141A c1g
YSP unid (07/Jun/04) (KK)
- 10153.0 4XZ: ISR-Navy Haifa, ISR 0624 USB/VFT/4x 75Bd PSK, 1x
unmodulated pilot at +672Hz, sending broadcast tfc.
(01Jun04) (LDO)
- 10154.5 SKFQ: HMS Carlskrona, 1024 USB/MIL-STD 188-110A serial
tone modem, tfc. to SAA (Karlskrona R.) (01Jun04) (LDO)
- 10180.0 BR2: Unid, 1100 MIL.STD 188-141A ALE on LSB to PARNUYJP.
(10/Jun)(MR)
- 10192.0 Russian Navy: 2348 36-50 36/200 idle. (30-May-04) (JUM)
- 10208.0 Unid: Russian Mil 1315 MS5 12 tone BPSK 3300Hz pilot
tone (29/05/04) (AJP)
- 10221.3 H8SG: unid Ops 0041 P-I/Ham-Mod 200Bd wkg R4AL spanish
clear text (02/Jun/04) (KK)
- 10227.8 no-call: MFA Sofia, BUL 1348 USB/ASCII-75Bd 11-bit/ tfc.
to "KRZ" in Cyrillic ASCII, QSX 7840kHz (01Jun04) (LDO)
- 10231.3 N7FZ: unid Ops 2256 P-I/Ham-Mod 200Bd wkg M6AV spanish
clear text (01/Jun/04) (KK)
- 10256.0 Russian PTT 2350 ISB w/OQPSK 1280bps modem in each
sideband. (30-May-04) (JUM)
- 10260.0 P6Z: MOD Paris, F 0712 USB/STANAG 4285 using THALES modem
with 2400 bps & long interleaving, tfc to MILFRANCE
Tunis/K4X, cct ID: "TNS" (01Jun04) (LDO)
- 10272.0 CGGN: (HQs, Venezuelan National Guard): 0106 USB/ALE TO
CUFAN1 (Venezuelan Combined Military Command). 06/04 RP3
- 10272.0 CGGN: (Venezuelan National Guard HQs): 0512 USB/ALE TO
MIRA1(Prob Dir. Transporte Naval Miranda). 06/02 RP3
- 10272.0 CGGN: Com. General de la Guardia Nacional 2322 USB ALE
c1g PORLAMAR Porlamar, Isla de Margarita (01/Jun/04) (KK)
- 10272.0 DESTAFAC23: (Detachment 23, Combined Military Forces,
Venezuelan Military): 0400 USB/ALE TO VARGAS
(unidentified). 06/06 RP3
- 10272.0 DESTAFAC23: (Detachment 23, Venezuelan National Guard):
0059 USB/ALE TO VAR (probably VARGAS, HQS, National
Guard). 06/08 RP3
- 10272.0 SCLC222M: (Communications Logistics Center, 222nd
Motorized Inf Bn, Venezuelan Army): 1115 USB/ALE TO CLC22
(Communications Logistics Center, 22nd Motorized Inf
Bde). 06/02 RP3
- 10276.5 no-call: French MIL or Gendarmerie net, F 2018
USB/SKYMASTER 8-FSK ALE/STANAG 4285 related PSK system
with ARQ, net using TRC-3600 radios (05Jun04) (LDO)
- 10290.3 Unid: 1310 Chinese 4+4 (29/05/04) (AJP)
- 10308.0 PRC: Military 2352 4+4/LSB idle. (30-May-04) (JUM)
- 10310.6 1PLFUO: French Navy Toulon, F 1330 USB/MIL-STD188-141A,
working 1PS601 [=3Dattack sub Rubis] (11Jun04) (LDO)
- 10310.6 1PS601: French Ny attack submarine Rubis, 1330 USB/MIL-
STD 188-141A, working 1PLFUO [=3DToulon] (11Jun04) (LDO)
- 10310.6 1TLFUO: French Navy Toulon, F 1351 USB/MIL-STD188-141A,
c1ng 1PR91 [=3Daircraft carrier Charles de Gaulle]
(11Jun04) (LDO)
- 10310.6 1TM652: French Ny Minesweeper C=E9ph=E9e, 1203 USB/MIL-
STD 188-141A, working 1TLFUO [=3DNavy Toulon]
(11Jun04) (LDO)
- 10310.6 PIPADY: HF Lab @ Centre d'=E9tudes de Pipady, F 1516
USB/MIL-STD 188-141A, calling CTSN Toulon
(11Jun04) (LDO)

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- 10320.0 AFRTS/AFN: US military HF feeder 0258 USB / with news and info. Parallel with 7590.0 & 9980.0 kHz USB. (24June2004) (Midwest USA)
- 10341.0 Unid: 1300 Chinese 4+4 (29/05/04) (AJP)
- 10373.6 CGD9: (CG District 9, Cleveland OH): 1610 USB/ALE TO NRLY (USCGC Bristol Bay, WTGB-102, Detroit, MI). 06/05 RP3
- 10373.6 CGD9: USCG District 9 2310 USB ALE/MIL-188-141A c/g NRLY Coast Guard Cutter "Bristol Bay" (01/Jun/04) (KK)
- 10375.0 BIS: Romanian Police Bistrita, ROU 0917 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, t/c. to BU1 [= Bucharest] using Harris RF-67x0 SW (01Jun04) (LDO)
- 10375.0 BMA: Romanian MOI Baia-Mare 1301 USB ALE/MIL-188-141A c/g IAS Romanian MOI Iasi (07/Jun/04) (KK)
- 10375.0 IAS: Romanian MOI Iasi 1300 USB ALE/MIL-188-141A c/g FOC Romanian MOI Focosani (07/Jun/04) (KK)
- 10375.0 ROM MOI: 1925 ALE VAS>ALX /CAL>BU2 /VAS>TUL VAS>RAM(NICU) / VAS>FOC(SANI) Jun08 04 ML
- 10375.0 ZAL: Romanian Police Zalau, ROU 0917 USB/MIL-STD 188-141A/MIL-STD 188-110A serial, t/c. to BU1 using Harris RF-67x0 SW (01Jun04) (LDO)
- 10430.0 CY1: UNID NC3A station, HOL? 1148 USB/MIL-STD188-141A, calling CY1 (11Jun04) (LDO)
- 10430.0 HF1: UNID NC3A station, HOL? 1025 USB/MIL-STD188-141A, calling CY1 (11Jun04) (LDO)
- 10436.0 unid: Intell station ENIGMA code E7 18:00 H3E English OM reading non repeated 5F msg ending 000 000 (02 June PPA)
- 10446.0 GIB1: British MIL Gibraltar?, GIB? 1810 USB/MIL-STD 188-141A, sounding (27May04) (LDO)
- 10449.0 102: unid maybe Chinese station 18:00 ALE/USB Calling and working 106 with high speed PSK modem (02 June PPA)
- 10490.0 Mil Feeder Argentina: 1252 LSB SS "LS4 - Radio Continental" // 20276.0 (29/05/04) (AJP)
- 10493.7 FF: 1929 ARQ-E3 QTH ? (29/05/04) (AJP)
- 10535.0 Unid: CIS Navrad 1550 36-50 50/240 Crypto (04/Jul/04) (RH2)
- 10537.0 AAA: Israeli Airforce 1523 USB ALE snd (03/Jun/04)(KK)
- 10537.0 DD1: Israeli Airforce 1518 USB ALE snd (03/Jun/04)(KK)
- 10573.0 OLZ76: Czech embassy Kiev UKR 07:09 ALE/USB ending t/c with Prague(02 June PPA)
- 10575.0 SDJ: Stockholm radio S 07:06 J3E/USB working SE-DZH for selcall check HMAP (02 June PPA)
- 10600.0 CRC2M: (Regional Command Post, 2nd Military Region, Venezuelan Army): 2257 USB/ALE TO CLC23M (Communications Logistics Center, 23rd Inf Bde). 06/01 RP3
- 10600.0 SCLC222M: (Communications Logistics Center, 222nd Motorized Inf Bn, Venezuelan Army): 1114 USB/ALE TO CLC22M (Communications Logistics Center, 22nd Motorized Inf Bde). 06/06 RP3
- 10600.0 SCLC222M: (Communications Logistics Center, 222nd Motorized Inf Bn, Venezuelan Army): 2229 USB/ALE TO CLC22M (Communications Logistics Center, 22nd Motorized Inf Bde). 06/08 RP3
- 10648.0 E10: 0720 USB y1 numbers Jun12 04 ML
- 10676.0 RIW: CISN Moscow RUS 09:32 A1A working RJH57,RJH63,RJH69,RJH90 (02June PPA)
- 10676.0 RJH57: unid CISN station RUS 09:30 A1A working RIW for QSA QRV (02June PPA)
- 10676.0 RJH63: CISN Krasnodar?? RUS 09:20 A1A working RIW for QSA (02 JunePPA)
- 10676.0 RJH69: CISN Molodecno?? BLR 09:25 A1A working RIW for QTC (02 JunePPA)
- 10676.0 RJH90: unid CISN station RUS 0915 A1A working RIW for QSA QRV (02June PPA)
- 10705.2 no-call: UNID Ukrainian MIL UKR 0600 CIS-14 96Bd/1000 Hz shift, encrypted traffic on both channels after short preamble (18Apr03) (LDO)
- 10707.0 no-call: UNID network, 1120 ALIS 228.65Bd/170Hz selcall + 225Bd/170Hz packet FSK + R&S 2400Bd proprietary burst PSK

- mode (01Jun04) (LDO)
- 10790.0 G-BYAK: 0920 Britannia 588A G-BYAK B757 w/SDJ medical emergency for 57 yr-old female pax, heavy quaking , doctor on phone patch, flight Glasgownto Larnaca USB 06/06 (PP1)
- 10796.0 no-call: UNID LINCOMPEX circuit, ALG? 0830 USB, circuit in stdby, occasional 75Bd FSK selcall, LINCOMPEX ctrl chan. at +2900Hz (30May04) (LDO)
- 10805 Stockholm Radio 0708 USB LDOC, Stockholm Radio calls 4X-ELB, EL AL 002 and, after QSY from 8930 and initial questions as to how and who to charge, arranges phone patch to Israeli party 14/Jul/2004 (TR)
- 10816.5 C0800N: (unidentified): 1258 USB/ALE sounding. Also noted sounding on 12087.0 & 14653.0. 06/12 RP3
- 10825.0 ADDISABEBA: (FR Embassy, Ethiopia): 0224 USB/ALE TO LECAIRE (FR Embassy, Egypt). 06/14 RP3
- 10825.0 KHARTOUM: (FR Embassy, Sudan): 0201 USB/ALE TO LECAIRE (FR Embassy, Egypt). 06/14 RP3
- 10880.0 U3H: French MIL attach=E9 Moscow, F 0809 USB/STANAG 4285 FEC-bursts using THALES modem with 1200 bps & long interleaving, tfc to MOD Paris, circuit ID: "UCM" (11Jun04) (LDO)
- 10886.0 Russian Military: 2354 MS5 12-tone modem alternating idle and traffic states. (30-May-04) (JUM)
- 10989.9 Unid: 1235 Pilot tone +16QPSK Mode ? (29/05/04) (AJP)
- 11008.0 SHAEENQ2: Unid interesting net, 1155 MIL.STD 188-141A ALE on USB to USMANQ7 with CMD msg. Also unid (Pakistan or Afghanistan?) voice on freq(10/Jun)(MR)
- 11025.0 RKV23: unid Russian station RUS 06:42 CIS ARQ/100/500 no decode (02June PPA)
- 11085.0 P6Z: MOD Paris, F 0823 USB/STANAG 4285 using THALES modem with 1200 bps & long interleaving, calling MILFRANCE Moskva/U3H, cct ID: "MCU" (01Jun04) (LDO)
- 11090.0 KVM70: USCG Honolulu 0630 fax 120/576 Clear charts (03/Jul/04)(RH2)
- 11175.0 Beef Cake: 0251 USB / Beef Cake working phone patch with Hickam (09/Jul/2004) (Token)
- 11175.0 Reach 264T: 2323Z Reach 264T [C-17 self ID] call Salinas PR PP Hilda East - ETA 0030Z to Andrews AFB, MD
- 11175.0 was active at 1543z 21 Jul 04 with AXE KNIFE (weak/readable) calling and raising ANDREWS (weak/unreadable to unheard) for a phone patch to a commercial toll free 866 number (SUB SONIC) for some orderwire coordination (WHITE ASH (gep alias) transitioning to SUB SONIC (gep); 7C) and gone.(JH)
- 11202.0 PANTHR: (DEA/OPBAT, Nassau Bahamas): 1934 USB/ALE sounding. 06/14 RP3
- 11202.0 PNR400: (Panther 400, DEA Georgetown Bahamas): 1331 USB/ALE sounding. Also sounding on 08983.0. 06/03 RP3
- 11244.0 was active at 0337z 10 Jul 04 with KEY RING (fair/weak levels here with qsb on signal) bcsting a 28-character EAM (DRRSZF) and simulcasting same on at least 6697.0 (weak/readable) and 8992.0 (weak/fair) with nothing heard on 13155.0. H+07/h+37 activity.(JH)
- 11244.0 was active at 0340z, 0407z and 0437z 17 Jul 04 with FAST BOAT (weak/readable levels here) bcsting a 28-character EAM (7DUSKU) and simulcasting same on at least 6697.0 (weak/readable) and 8992.0 (weak) with nothing heard on 13155.0. H+07/h+37 activity.(JH)
- 11256 Ethiopian LDOC: 2144 USB ET flight told to QSY 5536 (03Jul2004) (AT)
- 11277.0 Unid: PCR air defense 1205 4FSK 500 hz (29/05/04) (AJP)
- 11297.0 ROSTOV VM: 1727 USB russ y1 "krasnodar " Mai29 04 ML
- 11300.0 ATC AFI-3: 1918 USB work GRLQ / A330 LTU /D-AERH Jun04 04 ML
- 11300.0 Khartoum Aero: 1614 USB MWARA AFI-3, very weak, working even weaker Air France flight, Tripoli tries to QSP but no luck, Khartoum then gives some wind speed info

4/Jun/2004 (TR)
11300.0 Nairobi Aero: 2044 USB MWARA AFI-3, working a Reach aircraft (didn't get the no.) for radio and selcal check 3/Jun/2004 (TR)
11300.0 Tripoli Aero: 1546 USB MWARA AFI-3, working unid aircraft with selcal problems 4/Jun/2004 (TR)
11300.0 UNID: 1444 USB MWARA AFI-3, unid aircraft calls Tripoli Aero in what sounded Russian (to me) repeatedly with no reply 4/Jun/2004 (TR)
11309.0 Santa Maria: 1558 Utc usb nat mwara working various aircraft 1/june/04 (DP)
11315.0 RIVERHEAD R: 0647 HF DL UP6101 / UP6712 /UP6754 /UP 6718 /FX 1713/AY161 Jun05 04 ML
11335.0 ALG2: Algerian Mil Algiers, ALG 0752 USB/MIL-STD 188-141A, c'ng ChercHELL (30May04) (LDO)
11336.0 EI-CRK: 1619 USB MWARA NAT-C, Air Lingus EI-CRK, selcal DPCR, working Gander with posn, wx and fuel status and selcal check 14/Jun/2004 (TR)
11345.0 Northwest 42: 0940 NWA42 w/Stockholm selcal check ALCK N241NW DC10 Minneapolis to Amsterdam USB 06/06 (PP1)
11345.0 PIA785: 0935 Pakistan 785 w/SDJ patch with flight control ISLAMABAD "have a safe landing at London" flight is ISLAMABAD to LHR USB 06/06 (PP1)
11348.0 ARINC 02: 1142 HF DL Molokai. Squiters. Some unid a/c (29/05/04) (AJP)
11384.0 RAM760: 1144 USB [HFNPDU FREQUENCY DATA] 11:44:46 UTC Flight ID = RAM760 LAT 48 42 17 N LON 2 20 37 E 7/Jun/2004 (TR)
11384.0 SHANNON: 1119 HF DL PO609 / CO51 /SU122 /VS901 /VS251 /CO43 Jun06 04ML
11384.0 SU0228: 1138 USB [HFNPDU FREQUENCY DATA] 11:38:18 UTC Flight ID = SU0228 LAT 55 58 36 N LON 37 31 51 E 7/Jun/2004 (TR)
11384.0 SU0271: 1111 USB [HFNPDU PERFORMANCE] 11:11:06 UTC Flight ID = SU0271 LAT 46 15 41 N LON 6 8 6 E 7/Jun/2004 (TR)
11387.0 Sydney VOLMET: 1330 USB flight wx and forecasts for Australian and some SEA airports in English 3/Jun/2004 (TR)
11387.0 Sydney VOLMET: 1630 USB flight wx for SEA 4/Jun/2004 (TR)
11396.0 UNID: 1638 USB MWARA SEA-2, unid Lufthansa flight (didn't get the no. as the signal was very weak) calling Singapore Aero, no reply 4/Jun/2004 (TR)
11434.3 unid: station maybe US Shares net related 17:25 PACTOR/200/200 sync but no traffic transmitted (02 June PPA)
11443.5 unid: North Korean diplo 06:36 DPRK ARQ/600/600 acf=316 no decode (02 June PPA)
11470.0 Unid: 1154 81-81 FSK 40.5/500 Russian mil. (29/05/04) (AJP)
11483.0 P6Z: MOD Paris, F 0553 USB/STANAG 4285 using THALES modem with 1200 bps & long interleaving, t'fc to MILFRANCE Damascus/D4B, cct ID: "DMS" (10Jun04) (LDO)
11486.2 Unid: Spanish Pirates 2224 LSB/SSTV unid Mode changing Pictures, strong signal (11/Jun/04) (KK)
11498.0 NAESPO: Braz. Navy aircraft carrier "Sao Paulo", 2110 USB/MIL-STD 188-141A, calling ERMGRD [=Rio Grande] (31May04) (LDO)
12075.0 TA7158: likely 7-158th Aviation Battalion, Ft. Hood, TX: 2033 USB ALE (04/JUNE/04) (JLM)
12076.0 204DVA: probable Department of Veterans Affairs: 1845 USB ALE (04/JUNE/04) (JLM)
12076.0 KRAPNG: (Nat'l Guard Bureau, Rapid City SD): 0047 USB/ALE sounding. 06/08 RP3
12087.0 Unid: prob. Ru Mil 1015 Baudot 80.34/500 5-lgs, finishing with CFM QBN K, then cw (11 Jun 04) (HPT)
12136.7 RFFTD: FAF Vilacoublay 1550 Arq-200/380 Betas

(25/Jun/04) (RH2)

12161.7 no-call: Algerian Customs network, ALG 1755 PACTOR-I
200Bd, msgs in Arabic (10Jun04) (LDO)

12168.5 UT4D: Unloc. Dutch SFOR related unit, BIH/HOL 0710
USB/MIL-STD 188-141A, calling IR01 (10Jun04) (LDO)

12191.0 CLC51: (Communications Logistics Center, 51st Jungle Inf
Bde, Venezuelan Army): 2338 USB/ALE TO PCRC5 (Reagional
Command Post, Military Region 5). 06/06 RP3

12191.0 SCLC501: (Communications Logisitcs Center, 501st Jungle
Inf Bn, Venezuelan Army): 0202 USB/ALE TO CLC51
(Communications Logistics Center, 51st Jungle Inf Bde).
06/10 RP3

12191.0 SCLC512: (Communications Logistics Center, 512th Jungle
Inf Bn, Venezuelan Army): 2229 USB/ALE TO CLC51
(Communications Logostics Center, 51st Jungle Inf Bde).
06/01 RP3

12208.0 TWLC: Guardia Civil Santander, E 0949 USB/MIL-
STD188-110A serial tone, sending routine messages to
Guardia Civil Ceuta (31May04) (LDO)

12409.5 unid: 1941 ITA2/75 ? encrypted Jun10 04ML

12577 9KEB: Al Khaleej clg IW Lyngby Radio DSC 1234 UTC (AB)

12577 9KHL: Al Manakh clg IW Cyprus Radio DSC 1845 UTC (AB)

12577 9KHN: Al Mirqab clg IW Olympia Radio DSC 1922 UTC (AB)

12577 : Bermuda Harbour RC BER DSC 1937 UTC (AB)

12577 : Cape Town Radio AFS DSC 1722 UTC (AB)

12577 : Iqaluit Radio CAN test DSC 2026 UTC (AB)

12577 : Istanbul Radio TUR DSC 1232 UTC (AB)

12577 : Keelung Radio TWN DSC 1908 UTC (AB)

12577 : RCC Canberra AUS Area call DSC 2110 UTC (AB)

12577 : Shanghai Radio CHN wkg mv Fu Shou Hai/BONT DSC 1943
UTC (AB)

12577 NMA: USCG, Miami USA wkg mv Fandango /ELZX5 DSC
1258 UTC (AB)

12577 NMC: USCG, San Francisco, USA USA DSC 1225 UTC (AB)

12577 NMF: USCG, Boston USA USA wkg mv Ferosa/J8GK8 DSC
2109 UTC (AB)

12577 NMG: USCG, New Orleans USA wlg mv Bering Sea /9VAP6 DSC
1313 UTC (AB)

12577 NMN: USCG, Portsmouth USA DSC 2031 UTC (AB)

12577 NOJ: USCG, Kodiak, Alaska USA ALS DSC 1934 UTC (AB)

12577 OVZ: Lyngby Radio DNK DSC 1243 UTC (AB)

12577 SVO: Olympia Radio GRC DSC 1506 UTC (AB)

12577 SWPM: mv Majestic IW wkg Lyngby, Denmark DSC
1848 UTC (AB)

12600.5 HEC: 2100 Berne Radio, Switzerland cw id 13/06 (PP1)

12601.0 UAT: 2105 Moscow Radio, Federal Russia cw id 13/06 (PP1)

12613.0 XSQ: 2108 Guangzhou Radio, China cw id 13/06 (PP1)

12637.5 XSG: 2110 Shanghai Radio, China cw id 13/06 (PP1)

12654.0 TAH: 2115 Istanbul Radio, Turkey cw id 13/06 (PP1)

12700.0 XSQ: 1730 GUANGZHOU RADIO CHINA , traffic list "QTC=
BPDA,BPDM, BRTE, BRUE, BRXB, BWIF,ELQD4" then "QRW XSM
TFC LIST BPEO BPJG BRPR BRYU AR" then "cq de xsq pse up
446 clg k" cw 03/06 (PP1)

12735.0 URL: 2120 Sevastopol Radio , Ukraine cw id 13/06 (PP1)

12745.5 JJC: Kyodo J Japanese kranten FAX 60/576 1539 UTC
(31-5-2004) (AB)

12750 NMF: USCG Boston USA Charts FAX 120/576 2016 UTC
(31-5-2004) (AB)

12750.0 NMF: USCG 1948 FAX 120/576 northern atlantic pressure
chart Jun1004ML

12823.5 CTP: Ny Oeiras 1007 Baudot 75/850 navs (02 Jun 04)(HPT)

12825.0 GYU: RN gibraltar 1857 ITA2/75 carbs Jun11 04 ML

12840.0 PBC: (Dutch Navy, Goeree): 0130 RTTY 75bd/850hz w/carbs.
05/31 RP3

12880.0 UNID:12076.0 204DVA, probable Department of Veterans
Affairs: 1845 USB ALE (04/JUNE/04) (JLM)

12916.5 HLF: 2122 Seoul Radio, Free Korea cw id 13/06 (PP1)

12935.0 HLG: 2125 Seoul Radio, Free Korea cw id 13/06 (PP1)

12984.0 4XZ: (Israeli Navy, Haifa): 0431 CW w/vvv DE 4XZ 4XZ.
06/02 RP3

12984.0 4XZ: 2132 Israel Navy Haifa, cw id 13/06 (PP1)

13042.5 FUV: FN Jibouti 1600 rtty 150/850 RY/ID + Le Brick
(25/Jun/04)(RH2)

13074.0 JFC: Misaki Fisheries 1700 FAX 120/576 Nav warnings(?) in
JJ, headline "JFC-FAX" (10JUL) Same but only one msg
(11JUL04)(KB)

13155.0 was active at 0407z 15 Jul 04 with NEW GUARD (or sounds
like; weak/readable levels here) bcsting a 28-character
EAM (DR5H?7; ? = A or O), simulcasting same on 11244.0
(weak/readable), 8992.0 (weak/fair) and 6697.0
(weak/fair). H+07/h+37 activity.(JH)

13170.0 Olympia radio: (Athens) 13170Khz USB S5 03:59:25 UTC loop
tape and PPs 13jun04 (GV)

13170.0 SVO: Olympia Radio 1222 USB E/Gr callband
(02 Jun 04)(HPT)

13197.0 UNID: 1341 USB very strong net of Russian speaking
stns 2/Jun/2004 (TR)

13200.0 Keflavik: 1646 USB GHFS, '5kz6sk std/by msg follows:
5kz6skrpgkbesjdfjiuuay3pnkmj, I say again... this is
Keflavik, more to follow, std/by' 4/Jun/2004 (TR)

13200.0 UNID: 1335 USB advising 'OTIS73' on wx and wishing a
good flight 2/Jun/2004 (TR)

13206.3 8001: Unid, 1042 MIL.STD 188-141A ALE on USB.
(10/Jun)(MR)

13225 Royal Jordanian LDOC: 1116 USB RJ095 clg no response from
LDOC Flight addressed LDOC as "Odyssey"? several times
and then as "Operations Control" (09Jul2004) (AT)

13225 Royal Jordanian LDOC: 1145 USB wkg RJ178 SVO-AMM given
METAR very strong signals (09Jul2004) (AT)

13270.0 Gander Radio: (VOLMET) 1120 USB flight wx for Canadian
and international airports in English 3/Jun/2004 (TR)

13273.0 TOKYO: ARTCC TOKYO 2335 USB wkg various aircraft.
(30-May-04)(JUM)

13282 Hong Kong VOLMET: 1815 USB fair signal (02Jul2004) (AT)

13282 Tokyo VOLMET: 1810 USB barely audible (02Jul2004) (AT)

13300.0 1KZDJANKOVIC: Polish KFOR contingent General Jankovicz
SCG 0633 USB/MIL-STD 188-141A clng OPERACYJNYPKW
(10Jun04) (LDO)

13304.0 LDOC EL AL: 1331 USB working barely heard aircraft in
Hebrew with wx for Amsterdam and Frankfurt
2/Jun/2004 (TR)

13306.0 EC-HUH: 1522 USB MWARA NAT-C, Iberia EC-HUH, selcal
MQFP, working Santa Maria for selcal check
8/Jun/2004 (TR)

13306.0 F-GUAA: 1520 USB MWARA INO-1, Aigle Azur F-GUAA,
selcal HPGS, working Brisbane for selcal check (both
signals very weak) 8/Jun/2004 (TR)

13306.0 JA8376: 1542 USB MWARA INO-1, Japan Air System JA8376,
selcal LRFK, working Brisbane for selcal check, posn, wx
and fuel status, Brisbane asks for ETA at destination
(unheard as both signals were very weak)
8/Jun/2004 (TR)

13306.0 Santa Maria Aero: 1122 USB working unid aircraft with
flightlevel and asking for selcal 3/Jun/2004 (TR)

13321.0 Aeroflot SU0114: 1734 HFDL/USB [HFNPDU PERFORMANCE]
17:34:42 UTC Flight ID = SU0114 LAT 55 8 56 N LON 29
27 31 E 13/Jun/2004 (TR)

13321.0 Aeroflot SU0115: 1919 HFDL/USB [HFNPDU FREQUENCY DATA]
19:19:42 UTC Flight ID = SU0115 LAT 55 51 21 N LON
33 39 46 E 13/Jun/2004 (TR)

13321.0 Aeroflot SU0519: 1933 HFDL/USB [HFNPDU PERFORMANCE]
19:33:06 UTC Flight ID = SU0519 LAT 33 9 54 N LON 51
49 26 E 13/Jun/2004 (TR)

13321.0 China Southern Air CZ0485: 1820 HFDL/USB [HFNPDU
FREQUENCY DATA] 18:20:30 UTC Flight ID = CZ0485 LAT 60
5 3 N LON 38 2 47 E 13/Jun/2004 (TR)

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13321.0 Lufthansa LH8414: 1935 HFDL/USB [HFNPDU FREQUENCY
DATA] 19:35:36 UTC Flight ID = LH8414 LAT 43 14 37 N
LON 27 39 47 E 13/Jun/2004 (TR)

13321.0 Virgin Atlantic0900: 1825 HFDL/USB [HFNPDU
PERFORMANCE] 18:25:04 UTC Flight ID = VS0900 LAT 64 25
59 N LON 69 54 41 E 13/Jun/2004 (TR)

13327 Iberia LDOC: 1445 USB wkg IB3746 MAD-LOS SS sc GRFQ
(08Jul2004) (AT)

13339 Ethiopian LDOC: 1123 USB ET flight clg no response from
LDOC (05Jul2004) (AT)

13342 Stockholm LDOC: 0918 USB wkg MON1925 w pp to Operations
(why would MON use Stockholm if 11363 is their own ops
freq?) (08Jul2004) (AT)

13342.0 LDOC STOCKHOLM: 0726 USB ee work FJBG /N34U? global
express BD-700 Jun12 04 ML

13500.0 61B: (LST "Capana", T-61, Venezuelan Navy): 1052 USB/ALE
TO CGA (Venezuelan Navy HQs). 06/03 RP3

13500.0 61B: (LST "Capana", T-61, Venezuelan Navy): 1159 USB/ALE
TO BNA (Base Naval Amario, Venezuelan Navy). 06/07 RP3

13500.0 61B: (LST "Capana", T-61, Venezuelan Navy): 2202 USB/ALE
TO BNA (Base Naval Amario). Also noted on 09190.0.
06/01 RP3

13500.0 64B: (LST " Los Llanos", T-64, Venezuelan Navy): 1033
USB/ALE TO CGA (Venezuelan Navy HQs). Also noted on
09190.0. 06/03 RP3

13500.0 64B: (LST "Los Llanos, T-64, Venezuelan Navy): 2214
USB/ALE TO BNA (Naval Base "Amario"). 60/09 RP3

13500.0 BNF: (Naval Base "Falcon"): 0218 USB/ALE TO CGA (HQs,
Venezuelan Navy). 06/10 RP3

13500.0 BNF: (Naval Base "Falcon", Venezuelan Navy): 0210 USB/ALE
TO CGA (HQs, Venezuelan Navy). Also noted on 19200.0.
06/13 RP3

13500.0 CGA: (HQs, Venezuelan Navy): 0212 USB/ALE TO 64B (LSZT
"Los Llanos", T-64). 06/04 RP3

13500.0 CGA: (HQs, Venezuelan Navy): 2230 USB/ALE TO T81
(Replenishment oiler "Ciudad Bolivar", T-81). 06/08 RP3

13500.0 CGA: (HQs, Venezuelan Navy): 2240 USB/ALE TO 61B (LST
"Capana", T-61). 06/08 RP3

13500.0 CGA: (HQs, Venezuelan Navy): 2208 USB/ALE TO 64B (LST "Los
Llanos, T-64). 06/09 RP3

13500.0 CGA: (HQs, Venezuelan Navy): 2329 USB/ALE TO
T81(Replenishment oiler " Ciudad Bolivar", T-81).
06/09 RP3

13500.0 CODORNIZ: (unidentified, possibly Venezuelan military):
0202 USB/ALE TO SABUESO (unidentified, possible
Venezuelan military). 06/12 RP3

13500.0 GC11: (Frigate "Almirante Clemente", GC-11 Venezuelan
Coast Guard): 2007 USB/ALE TO CGA (HQs, Venezuelan Navy).
06/08 RP3

13510 CFH: Canadian Forces Halifax CAN Charts FAX 120/576 2002
UTC (31-5-2004) (AB)

13538.0 ZSJ: SAN Silvermine 1550 fax 120/576 Clear - NOT on
7508/18538! (22/JUN/04) (RH2)

13597 JMH4: Tokyo Radio J Satelliet foto FAX 120/576 1914 UTC
(31-5-2004)(AB)

13885.0 CER11: MFA Paris, 1223 MIL.STD 188-141A ALE on USB to
RABAT =(French embassy). Also LECAIRE, CER41, SANAA on
this freq. (10/Jun)(MR)

13886.2 Unid: Moscow Met 1555 fax 120/576 sfc Anal - very clear!
(22/JUN/04) (RH2)

13900 BMF: Taipei Meteo TWN Meteo kaarten FAX 120/576 1820 UTC
(31-5-2004)(AB)

13900.0 BMF: TAIPEI met 1958 FAX 120/576 wind poor quality chart
Jun11 04 ML

13929.8 1111: Unid, 1625 MIL.STD 188-141A ALE on USB to 1117 . =
(09/Jun)(MR)

14245.6 BRUNDI: Prob. North African net, 1332 MIL.STD 188-141A
ALE on =USB to ADDIS. Also LIBERI on this freq.

- (10/Jun)(MR)
- 14350.0 PANTHR: (Panther, DEA/OPBAT, Nassau Bahamas): 2146 USB/ALE sounding. 06/04 RP3
- 14357.0 022NHQCAP: (Civil Air Patrol, Nat'l Operations Center, Maxwell AFB AL): 1906 USB/ALE sounding. 06/13 RP3
- 14396.4 Shares: (they were .1 low) 14/1800 Jun UTC:
- 14396.4 Shares: (they were .1 low) 14/1800 Jun UTC: (HS)
- 14422.0 MAE: Ministr. des Aff. Etrangères Alger 0907 USB ALE/MIL-188-141A c/g RBT Rabat, MRC (03/Jun/04)(KK)
- 14456.0 MASTER1: Unid, 1345 MIL.STD 188-141A ALE on USB to CLIENT4. =Also CLIENT5 and CLIENT6 on this freq. (10/Jun)(MR)
- 14493.5 WF1: FBI w.-DC Field office 2340 USB ALE snd (01/Jun/04) (KK)
- 14502.5 SO3OPS: SO4OPS, SO5OPS, SO6OPS & SO9OPS, unid net: 1655-1756 USB ALE. Also using: 10161.5 11439.5, also USB ALE (09/JUNE/04) (JLM)
- 14568.0 ELEFANTE: MOD Roma, I 0633 USB/FSK-1200Bd/ISS-mode, traffic to unlocated station, QSX not found (10Jun04) (LDO)
- 14569.0 CLC51:(Communications Logistics Center, 51st Jungle Inf Bde): 0001 USB/ALE TO SCLC514 (Communications Logistics Center, 514th Jungle Inf Bn).06/02RP3=20
- 14625.5 no-call: UNID British army net, 0721 USB/FSK 300Bd/850Hz BURST t/c., ITA-2 7 bit coding, stations using Clansman radios (10Jun04) (LDO)
- 14653.0 I070AN: (unidentified, US Army): 1456 USB/ALE TO HQ701N (possibly 701st Military Police Bn, US Army)--[AMD]HQ701N DE I070AN R 091500ZJUN04 AR. 06/09 RP3
- 14653.0 M010AN: M010EN & A090ZN, unid: 1558 USB ALE. Also using 16338.5 & 17458.5, USB ALE (05/JUNE/04) (JLM)
- 14670.7 RFTJD: French Forces Libreville 2320 Arq-E3 192/400 idle.(30-May-04) (JUM)
- 14681.0 V5G: MFA Romania 1000 cw, ID,QRX QPN QSP for all (14 Jun04)(HPT)
- 14701.0 TU2: prob. Tunisian MIL/MoI 1320 MIL-188-141A c/g. TUD on USB (02 Jun 04)(HPT)
- 14701.7 UNID: 1400 Pactor-II 100/200 after ALE soundings, I could only decode "DEFAULT HFARQ STAT1", 1628 ALE-soundings, then PACTOR-II again. (11 Jun 04)(HPT)
- 14812.0 BRA: MFA Bratislava, SVK 0915 ALE/USB sounding (11JUL04)(KB)
- 14812.0 LCR154: Polish Military net, 1138 MIL.STD 188-141A ALE on USB to ETD165. (10/Jun)(MR)
- 15004.5 UNID: 0750 and 1010 UNID signal, sounds like SITOR-A, but, faster, Wavecom measures 250 bd, no Dup-ARQ, no Pactor-I, Pactor-II, no Si-ARQ, no ALIS, no ALIS-2, messages are too short to get more info, seems not to be MFSK, did not look like Twinplex 14jun04 (HPT)
- 15016.0 ANDREWS: 2328 USB w/EAM. Also on 13200. (30-May-04) (JUM)
- 15025 Aeroflot SU0105 0913 HFDL/USB [HFNPDU PERFORMANCE] 09:13:28 UTC Flight ID = SU0105 LAT 52 27 53 N LON 14 54 50 E 15/jul/2004 (TR)
- 15025 Aeroflot SU0117 0907 HFDL/USB [HFNPDU PERFORMANCE] 09:07:36 UTC Flight ID = SU0117 LAT 52 1 17 N LON 7 52 36 E 15/jul/2004 (TR)
- 15025 Aeroflot SU0228 0914 HFDL/USB [HFNPDU PERFORMANCE] 09:14:36 UTC Flight ID = SU0228 LAT 52 22 1 N LON 8 37 48 E 15/jul/2004 (TR)
- 15025 Continental CO0041 0913 HFDL/USB [HFNPDU PERFORMANCE] 09:13:30 UTC Flight ID = CO0041 LAT 45 17 2 N LON 4 28 20 E 15/jul/2004 (TR)
- 15025 Emirates Air UAE201 0909 HFDL/USB [HFNPDU PERFORMANCE] 09:09:44 UTC Flight ID = UAE201 LAT 50 35 30 N LON 30 40 32 E 15/jul/2004 (TR)
- 15025 FedEx FX0006 0941 HFDL/USB [HFNPDU PERFORMANCE] 09:41:42 UTC Flight ID = FX0006 LAT 46 12 11 N LON 60 37 1 W 15/jul/2004 (TR)

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15025 Finair AY2740 0910 HFDL/USB [HFNPDU PERFORMANCE] 09:10:44
 UTC Flight ID = AY2740 LAT 39 47 10 N LON 23 19 20 E
 15/Jul/2004 (TR)

15025 Finair AY9941 0943 HFDL/USB [HFNPDU PERFORMANCE] 09:43:54
 UTC Flight ID = AY9941 LAT 54 55 50 N LON 9 15 33 W
 15/Jul/2004 (TR)

15025 HFDL-GS H03 Reykjavik 0917 HFDL/USB [HFNPDU ACARS GND STN]
 2.VP-BWE C1Q 9999 - - FEW019 BKN062 BKN098 20 /17 -1017 -
 NOSIG -POSSIBLE GUSTS RWY18: 160V240/08KT ATIS
 DEMONSTRATION. CHECK WITH ATC FOR ACTUAL ATIS %' [MPDU
 AIR CRC PASS] [HFNPDU ACARS AID SU0105] 2.VP-BWEP_ 7
 S22ASU0105 1t [MPDU GND CRC PASS] [HFNPDU ACARS GND STN]
 2.VP-BWE C1P .ATSSUXA 150923 AGM AN VP-BWE - -ATIS EDDF Q
 METAR 150850 SR: 0 334 SS: 1930 CTR: VMC -ILS 25R/L -RWY:
 25R 25L 18 - - -TRL:60 -FREQ. FOR ALL DEP ACFT VIA SOBRA
 IS --- 1 2 0. 1 5 ---. -21010KT WIND 18: 20005KT v
 15/Jul/2004 (TR)

15025 Korean Air KE0513 0908 HFDL/USB [HFNPDU PERFORMANCE]
 09:08:46 UTC Flight ID = KE0513 LAT 44 56 25 N LON 27 34
 35 E 15/Jul/2004 (TR)

15025 Virgin Atlantic VS0010 0907 HFDL/USB [HFNPDU PERFORMANCE]
 09:07:40 UTC Flight ID = VS0010 LAT 53 1 22 N LON 17 53 1
 W 15/Jul/2004 (TR)

15025.0 AF955: 1235 USB [HFNPDU PERFORMANCE] 12:35:34 UTC
 Flight ID = AF955 LAT 35 53 30 N LON 6 34 53 E
 ----- all across the Mediterranean -----> [HFNPDU
 PERFORMANCE] 13:35:20 UTC Flight ID = AF955 LAT 43 9
 51 N LON 5 15 36 E 7/Jun/2004 (TR)

15025.0 Aeroflot SU0122: 1215 USB [HFNPDU PERFORMANCE]
 12:15:24 UTC Flight ID = SU0122 LAT 51 45 16 N LON 20
 19 36 E 9/Jun/2004 (TR)

15025.0 Aeroflot SU0132: 1009 USB [HFNPDU PERFORMANCE]
 10:09:36 UTC Flight ID = SU0132 LAT 53 27 3 N LON 28
 1 8 E 11/Jun/2004 (TR)

15025.0 Aeroflot SU0142: 1044 USB [HFNPDU PERFORMANCE]
 10:44:42 UT Flight ID = SU0142 LAT 55 42 49 N LON 35
 56 20 E 11/Jun/2004 (TR)

15025.0 Aeroflot SU0216: 1012 USB [HFNPDU PERFORMANCE]
 10:12:42 UTC Flight ID = SU0216 LAT 56 1 11 N LON 37
 44 46 E 11/Jun/2004 (TR)

15025.0 Aeroflot SU0229: 1011 USB [HFNPDU PERFORMANCE]
 10:11:40 UTC Flight ID = SU0229 LAT 55 26 59 N LON 14
 16 35 E 11/Jun/2004 (TR)

15025.0 Aeroflot SU0230: 1204 USB [HFNPDU PERFORMANCE]
 12:04:38 UTC Flight ID = SU0230 LAT 54 7 11 N LON 8
 38 14 E 9/Jun/2004 (TR)

15025.0 Aeroflot SU0250: 1149 USB [HFNPDU PERFORMANCE]
 11:49:44 UTC Flight ID = SU0250 LAT 52 37 13 N LON 15
 28 49 E 9/Jun/2004 (TR)

15025.0 Aeroflot SU0303 1700 USB [HFNPDU PERFORMANCE] 17:00:02
 UTC Flight ID = SU0303 LAT 66 0 37 N LON 29 50 20 W
 11/Jun/2004 (TR)

15025.0 Aeropelican A/S PO0421: 1119 USB [HFNPDU PERFORMANCE]
 11:19:25 UTC Flight ID = PO0421 LAT 180 0 0 N LON
 180 0 0 E 9/Jun/2004 (TR)

15025.0 Air Satellite QR0015: 1356 USB [HFNPDU PERFORMANCE]
 13:56:30 UTC Flight ID = QR0015 LAT 41 20 3 N LON 28
 5 56 E 11/Jun/2004 (TR)

15025.0 Air Satellite QR0018: 1143 USB [HFNPDU PERFORMANCE]
 11:43:20 UTC Flight ID = QR0018 LAT 46 8 31 N LON 15
 22 53 E 9/Jun/2004 (TR)

15025.0 Air Satellite QR0018: 1218 USB [HFNPDU PERFORMANCE]
 12:18:34 UTC Flight ID = QR0018 LAT 44 1 4 N LON 21 0
 53 E 9/Jun/2004 (TR)

15025.0 China Eastern Airlines CES221: 1325 USB [HFNPDU
 PERFORMANCE] 13:25:50 UTC Flight ID = CES221 LAT 48 30
 45 N LON 12 31 37 E 11/Jun/2004 (TR)

15025.0 Continental CO0017: 1203 USB [HFNPDU PERFORMANCE]

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12:03:36 UTC Flight ID = CO0017 LAT 56 18 16 N LON 6
6 40 W 11/Jun/2004 (TR)

15025.0 Continental CO0027: 1042 USB [HFNPDU PERFORMANCE]
10:42:34 UTC Flight ID = CO0027 LAT 53 56 29 N LON 7
27 33 W 9/Jun/2004 (TR)

15025.0 Continental CO0045: 1043 USB [HFNPDU PERFORMANCE]
10:43:42 UTC Flight ID = CO0045 LAT 49 29 24 N LON 7
58 28 W 9/Jun/2004 (TR)

15025.0 Continental CO0051: 1042 USB [HFNPDU PERFORMANCE]
10:42:30 UTC Flight ID = CO0051 LAT 54 10 31 N LON 0
39 23 W 9/Jun/2004 (TR)

15025.0 Continental CO0061: 1010 USB [HFNPDU PERFORMANCE]
10:10:38 UTC Flight ID = CO0061 LAT 57 41 3 N LON 8
16 32 W 11/Jun/2004 (TR)

15025.0 Continental CO0061: 1046 USB [HFNPDU PERFORMANCE]
10:46:48 UTC Flight ID = CO0061 LAT 55 1 50 N LON 14 52 38
W 9/Jun/2004 (TR)

15025.0 Continental CO0065: 1018 USB [HFNPDU FREQUENCY DATA]
10:18:12 UTC Flight ID = CO0065 LAT 39 20 56 N LON 11
7 10 W 11/Jun/2004 (TR)

15025.0 Continental CO0066: 1117 USB [HFNPDU PERFORMANCE]
11:17:34 UTC Flight ID = CO0066 LAT 51 8 36 N LON 0
13 41 W 9/Jun/2004 (TR)

15025.0 Continental CO0081: 1042 USB [HFNPDU PERFORMANCE]
10:42:38 UTC Flight ID = CO0081 LAT 50 58 48 N LON
10 3 30 W 9/Jun/2004 (TR)

15025.0 Emirates Airlines UAE15: 1020 USB [HFNPDU PERFORMANCE]
10:20:38 UTC Flight ID = UAE15 LAT 49 57 11 N LON 8
38 29 E 11/Jun/2004 (TR)

15025.0 FedEx FX5124: 1837 USB [HFNPDU PERFORMANCE] 18:37:12
UTC Flight ID = FX5124 LAT 180 0 0 N LON 180 0 0 E
11/Jun/2004 (TR)

15025.0 Finair AY0108: 1008 USB [HFNPDU PERFORMANCE] 10:08:46
UTC Flight ID = AY0108 LAT 41 29 18 N LON 17 7 12 E
11/Jun/2004 (TR)

15025.0 Finair AY1027: 1053 USB [HFNPDU PERFORMANCE] 10:53:50
UTC Flight ID = AY1027 LAT 42 33 53 N LON 27 30 48 E
9/Jun/2004 (TR)

15025.0 Finair AY1798: 1039 USB [HFNPDU PERFORMANCE] 10:39:24
UTC Flight ID = AY1798 LAT 52 25 37 N LON 21 44 57 E
11/Jun/2004 (TR)

15025.0 Finair AY2234: 1101 USB [HFNPDU FREQUENCY DATA]
11:01:36 UTC Flight ID = AY2234 LAT 60 19 12 N LON 24
58 6 E 11/Jun/2004 (TR)

15025.0 Finair AY2708: 1043 USB [HFNPDU PERFORMANCE] 10:43:48
UTC Flight ID = AY2708 LAT 47 19 21 N LON 28 53 21 E
9/Jun/2004 (TR)

15025.0 Finair AY2713: 1142 USB [HFNPDU PERFORMANCE] 11:42:36
UTC Flight ID = AY2713 LAT 54 55 33 N LON 23 13 34 E
11/Jun/2004 (TR)

15025.0 Finair AY7731: 1153 USB [HFNPDU PERFORMANCE] 11:53:42
UTC Flight ID = AY7731 LAT 52 36 40 N LON 3 39 47 E
9/Jun/2004 (TR)

15025.0 Finair AY7752: 1431 USB [HFNPDU PERFORMANCE] 14:31:20
UTC Flight ID = AY7752 LAT 53 5 24 N LON 1 46 57 W
11/Jun/2004 (TR)

15025.0 HFDL-GS: H03 Reykjavik 1300 USB [HFNPDU ACARS GND STN]
2.N315UP A9E OPR NCT. SIMUL APCHS IN USE. NOTAMS... ALL
AIRCRAFT TAXI WITH TRANSPONDER ON. VFR ACFT CTC SDF-
APCH ON 132.07. PDC AVBL. ALL OTHER DPTS CTC CD 126.1.
...ADVS YOU HAVE INFO K.F1BA - 7/Jun/2004 (TR)

15025.0 LVG472: 1009 USB [HFNPDU PERFORMANCE] 10:09:26 UTC
Flight ID = LVG472 LAT 40 23 50 N LON 18 25 19 E
11/Jun/2004 (TR)

15025.0 Livingston Air LVG436: 1652 USB [HFNPDU PERFORMANCE]
16:52:06 UTC Flight ID = LVG436 LAT 41 50 50 N LON 15
50 59 E 11/Jun/2004 (TR)

15025.0 Lufthansa LH8164: 1131 USB [HFNPDU PERFORMANCE]

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11:31:30 UTC Flight ID = LH8164 LAT 56 30 2 N LON 12
6 26 w 11/Jun/2004 (TR)

15025.0 Lufthansa LH8281: 1649 USB [HFNPDU PERFORMANCE]
16:49:24 UTC Flight ID = LH8281 LAT 48 31 7 N LON 45
25 37 w 11/Jun/2004 (TR)

15025.0 Lufthansa LH8382: 1225 USB [HFNPDU PERFORMANCE]
12:25:24 UTC Flight ID = LH8382 LAT 52 58 20 N LON 9
28 47 E 9/Jun/2004 (TR)

15025.0 Lufthansa LH8401: 1207 USB [HFNPDU PERFORMANCE]
12:07:42 UTC Flight ID = LH8401 LAT 43 49 30 N LON 30
28 27 E 9/Jun/2004 (TR)

15025.0 Lufthansa LH8418: 1615 USB [HFNPDU PERFORMANCE]
16:15:18 UTC Flight ID = LH8418 LAT 47 14 13 N LON 23
5 27 E 11/Jun/2004 (TR)

15025.0 Lufthansa LH8443: 1232 USB [HFNPDU PERFORMANCE]
12:32:18 UTC Flight ID = LH8443 LAT 47 23 44 N LON
17 32 52 E 11/Jun/2004 (TR)

15025.0 Luxair LX0040: 1321 USB [HFNPDU PERFORMANCE] 13:21:32
UTC Flight ID = LX0040 LAT 56 50 39 N LON 5 3 9 W
11/Jun/2004 (TR)

15025.0 REYKJAVIK: 1200 HFDL work CO067 / RAM802 / LM282 /SU274 /
SU113 /AY2749 / AY2356 / 12jun04 ML

15025.0 REYKJAVIK: 1400 HFDL SU107 / VS021 / CO055 / AY2712 /
SU230 LH8445 /AY7762 / LH7984 / AY2153 / AY2104 / AY7763
/ AY262/AY225 / CO047 / ??1848 Jun12 04 ML

15025.0 Royal Air Maroc RAM730: 1847 USB [HFNPDU PERFORMANCE]
18:47:22 UTC Flight ID = RAM730 LAT 36 43 28 N LON 5
6 34 w 11/Jun/2004 (TR)

15025.0 UAE201: 1221 USB [HFNPDU PERFORMANCE] 12:21:44 UTC
Flight ID = UAE201 LAT 54 19 41 N LON 10 57 8 W
7/Jun/2004 (TR)

15025.0 UPS UP6727: 1540 USB [HFNPDU PERFORMANCE] 15:40:26
UTC Flight ID = UP6727 LAT 47 25 16 N LON 45 45 39 W
11/Jun/2004 (TR)

15025.0 UPS UP6741: 1538 USB [HFNPDU PERFORMANCE] 15:38:52
UTC Flight ID = UP6741 LAT 47 43 53 N LON 47 54 22 W
11/Jun/2004 (TR)

15025.0 Virgin Atlantic VS0021: 1208 USB [HFNPDU PERFORMANCE]
12:07:24 UTC Flight ID = VS0021 LAT 55 33 23 N LON 8
28 45 w 11/Jun/2004 (TR)

15025.0 Virgin Atlantic VS0201: 1116 USB [HFNPDU PERFORMANCE]
11:16:52 UTC Flight ID = VS0201 LAT 51 29 1 N LON 0
27 15 w 9/Jun/2004 (TR)

15025.0 Virgin Atlantic VS813P: 1426 USB [HFNPDU PERFORMANCE]
14:26:32 UTC Flight ID = VS813P LAT 47 58 27 N LON 0
51 11 E 11/Jun/2004 (TR)

15034.0 Trenton VOLMET: 1131 USB flight wx forecast for
Canadian airports in English 3/Jun/2004 (TR)

15094.0 KNY90: (SHARES station) 1606 USB/ALE TO KAN38 (SHARES
station). 06/02 RP3=20

15695.0 NI: + QG: Moroccan MIL net, 1815 USB/LSB/MIL-STD188-110A
App. B 39-tone modem tfc., mix of FF & Arabic op chat,
5LGs via PSK modem, occ. use of 200Bd/200 Hz FSK ALE
system (29May04) (LDO)

16067.7 Unid: prob. EGY Diplo 0750 SITOR-A, KKXI only
(11 Jun 04)(HPT)

16124.0 Unid: +/- 2 khz ALE signals on USB, encrypted with UNID
Mode at 0915 Swiss Diplo? 10jun04 (HPT)

16176.0 Russian Navy: 2256 36-50 50/250 encrypted.
(30-May-04) (JUM)

16215.0 511: UNID 1540 MIL-188-141A c1g. 5111; also tfc. with
512, 5119 frequency in use varying for 300 KHz
(11 Jun 04)(HPT)

16264.5 Unid: NATO 0024 STANAG4481 75/850 FSK (31/05/04) (AJP)

16307.0 Unid: prob. Dept. of State Comms., Moscow 0910 Baudot
50/500, 5-lgs with header 11100 00594 76259 11007 02519,
cw, 0925 off, I wasn't aware that these txs still exist
(11 Jun 04)(HPT)

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16324.7 RFTJD: FF Libreville 2120 ARQ-E3 Betas 192/400 FSK
(30/05/04) (AJP)

16332.4 M: CISM beacon Magadan RUS 10:37 A1A beacon (02 June PPA)

16346.7 17: EGY INTEL 0935 SITOR-A msg to Emb London in plain AA
(14 Jun 04)(HPT)

16373.2 8WB4: IND Emb Tehran 0750 ITA-2 50/170 clg. 8WD7, test
loop, ry (14 Jun 04)(HPT)

16395.0 LIMA: Unid, 1400 MIL.STD 188-141A ALE on USB to KAN. =
(10/Jun)(MR)

16550.0 CENTR3: MFA Bucharest ROU, 1407 MIL.STD 188-141A ALE on
USB to =YPM21 unid ROUEMB. (10/Jun)(MR)

16606.0 Unid: Brit Mil Cyprus 1220 mfsk 195.3/300 Crypto
(23/Jun/04) (RH2)

16804.5 : Istanbul Radio TUR DSC 1814 UTC (AB)

16804.5 MNG: USCG, New Orleans USA DSC 1526 UTC (AB)

16804.5 NMA: USCG, Miami USA DSC 1657 UTC (AB)

16905.0 FUV: F Ny Djibouti 0803 Baudot 75/850 FAA, ry,
(02 Jun 04)(HPT)

16962.0 FUF: (Fr Navy, Fort-de-France): 1532 RTT 75bd/850hz
w/test tape. 05/31 RP3

17206.0 IAR: 2138 Rome Medical Radio (Maritime) cw id 13/06 (PP1)

17326.0 SVO: Olympia Radio 1400 USB E/Gr callband
(02 Jun 04)(HPT)

17359.0 SVO: Olympia R 2058 USB GR/EE ID and Freq.
(30/05/04) (AJP)

17359.0 SVO: Olympia Radio 1402 USB E/Gr callband
(02 Jun 04)(HPT)

17940 Iberia LDOC: 1449 USB wkg IB flight very weak signals SS
(08Jul2004) (AT)

18352.0 CENTR8: MFA Romania 0813 MIL-188-141A clg. CEN, OKC; OKC:
UNID ROU Emb 0819 MIL-188-141A clg. CENTR8, then one of
them turning into UNID mode (14 Jun 04)(HPT)

18757.0 P6Z/RFGW: MOD Paris, F 0801 FEC-A-192Bd/400Hz, tfc to N2G
[=MILFRANCE Sanaa] on "SNA" circuit (30May04) (LDO)

18764.0 ELEFANTE: MOD Roma, I 0629 USB/FSK-1200Bd/ISS-mode,
traffic to unlocated station, QSX not found
(10Jun04) (LDO)

19190.0 SPF219: Pol Army 1528 MIL-188-141A clg. LCR155, then
voice-tfc on USB (11 Jun 04)(HPT)

19200.0 64B: (LST "Los Llanos", T-64 Venezuelan Navy): 1944
USB/ALE TO CGA (HQs, Venezuelan Navy). 06/07 RP3

19200.0 BNA: (Base Naval Amario, Venezuelan Navy): 0059 USB/ALE
TO CGA (HQs, Venezuelan Navy). Also noted on 13500.0.
06/07 RP3

19200.0 BNA: (Base Naval Amario, Venezuelan Navy): 1644 USB/ALE
TO BNF (Base Naval Falcon). 06/07 RP3

19200.0 BNF: (Naval Base "Falcon", Venezuelan Navy): 2035 USB/ALE
TO BNA (Naval Base "Amario"). 06/08 RP3

19200.0 T81: (Relenishment Oiler " Ciudad Bolivar", T-81,
Venezuelan Navy): 1800 USB/ALE TO T61 (LST "Capana",
T-61). 06/09 RP3

19200.0 T81: (Relenishment Oiler, " Ciudad Bolivar", T-81,
Venezuelan Navy): 1856 USB/ALE TO CGA (HQs, Venezuelan
Navy). 06/07 RP3

19359.7 prob: MFA Cairo 0900 SITOR-A/SITOR-B clg. KXZ
(14 Jun 04)(HPT)

19359.8 no call: MFA Cairo EGY 11:56 Sitor-A/100/170 calling
Selcall KXZ (02June PPA)

19553.7 prob: MFA Cairo 0907 SITOR-B, asking EMB YFSLFSK to send
carrier on 20855 (14 Jun 04)(HPT)

19708.0 GW: Sweden 1923 DATAPLEX Traffic (30/05/04) (AJP)

20633.7 RFVI: FF Le Port REU 12:04 ARQ-E3/100/400 Beta idle on
REI cct to Paris (02 June PPA)

22723.0 SVO: Olympia Radio 1225 USB E/Gr callband
(02 Jun 04)(HPT)

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>From your Electronic Editor:

* Welcome to another issue of the single largest source of utility station information and the most widely quoted utility station publication in the world...the WUN Newsletter.

As you will see, regrettably there are no Aero or Nautical Columns this month. Both these editors have decided to stop doing the Columns, one for family reasons and the other because of business commitments. Thank you to both of them for all their hard work in producing these Columns.

This does however mean that if these Columns are to continue, we need to find two new editors; is one of these you? If you would be interested in editing one of the Columns, please contact Ary Boender (ary@luna.nl) or Bill Lawrie (blmid@freeuk.com) and we will let you have full details of what is involved. It would be helpful to know what your interests are in the two areas and how you would propose taking the Column forward; however, it would be your Column for you to develop as you wish.

We look forward to hearing from you soon; no volunteers; no columns!! Please let's hear from you!

WHAT'S INSIDE:

- o Important Announcement from WUN President, Ary Boender
- o Digital Review by Day Watson
- o Military/Government Channel Designator List by Larry van Horn
- o Numbers & Oddities by Ary Boender
- o QSL Center by John Stephens

- o Utility Round-up by Ary Boender
- o WUN Logs Column by Eddie Bellerby & TEAM LOGS

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Special Message from Ary Boender.

Hi all,

As you know, WUN's 10th anniversary is coming up in January 2005. We have two activities planned to celebrate our birthday.

1) ANNIVERSARY NEWSLETTER

We will issue an extra newsletter in January. This will be a special Radio Nostalgia edition, covering 10 years of ute monitoring. It would be nice if you all would share with us your dx-experiences, anecdotes or whatever hobby related stories you have from the period 1995-2004.

Please, write them down and mail them to me before December 15th. It doesn't have to be long, just write a few lines. Tell me what the highlights were in the past 10 years. Your first transatlantic beacon? That special transmission from MIR? The last transmission from your favorite coastal station? Or was it a weather fax or broadcast from Radio Pyongyang that caused the chills?

I am sure that everyone of you had such moments. Write me: ary@luna.nl and I will include all your stories in the WUN Radio Nostalgia newsletter.

2) WUN CD-ROM

Still work in progress, but I am confident that we'll have it finished before Christmas. WUN's 3rd CD-ROM covers 10 years of ute radio and features over a thousand sound samples, images, info files and of course all the logs and newsletters up to the September 2004 issue.

The deadline for your contributions is 1 October. I am still interested in sample messages, images of QSL cards, info, etc. Please send them to ary@luna.nl

3) EQUIPMENT SURVEY

We did a large equipment survey in 2001 and published the results in WUN's Special Topics Report #7 in March 2002. Please, keep sending your info to me or to the list. We will update STR#7 with the data that you have provided in the past weeks. We intend to update STR#7 after the CD and the Anniversary Newsletter are finished, so that will be early next year.

73,

Ary Boender
WUN President

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01001011111100001000101010011000110011000011101100010# COLUMN #110001
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- Nickname on IRC channel #monitor DayW

Hi digi WUNners

The menu

Aero	ARINC and the Canary Islands
	Guam HFDL frequencies
	HFDL (ARINC Spec.635) improvements
	HFDL frequency tables
Interntl Agencies	Sudan humanitarian net
Maritime	Coast Station MMSIs
Met	Athens Wx FAX

>>....Aero.....>

::: ARINC and the Canary Islands

The ARINC Newsletter for Nov2003 had the sentence "The system uses thirteen ground stations throughout the world with a new station in the Canary Islands coming on line by the end of the year".

Well here we are past the halfway point of 2004 with still no sign of this new station. The July 2004 ARINC Newsletter is still vague on the subject.

"New Ground Station Deployment

There has been an ongoing effort to continue to improve coverage with the deployment of new ground stations. Efforts are underway to deploy to the Canary Islands as well as to southern Europe."

The article in question fails to indicate an specific system(s).

Does anyWUN have any inside information on this subject?

::: Guam HFDL frequencies

The following was posted by Eric Earl in Atlanta following a discussion on this subject.

:

"I am pleased to inform everyone that, thanks to the efforts of Robert Fei in Taiwan, one of the unknown HFDL mystery frequencies, 1, 3, 6, 7,10,11 ,12 and 13 of Station 016 Guam has been located and confirmed.

For some time now Guam has been reporting operation on a frequency 13. We suspected that it was probably below 8 MHz. and sure enough Robert found it the other day on 6634MHz.

This fact, however poses a quandary and suggests that frequencies 10, 11 and 12 are located somewhere between 8 and 6 MHz. if the HFDL numbering scheme for Guam, and the network, for that matter, is adhered to.

10,11 and 12 occupying frequencies in such a narrow bandwidth doesn't

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make a whole lot of sense. I am also surprised that Guam now would not appear to have any frequency below 6 MHz again if the HF DL numbering system for the network is being adhered to in that they have never to my knowledge reported a frequency lower than frequency 13.

During the past several months Guam has reported in it's squitter that it has been active on

2	=	17919	Not confirmed
4	=	13312	Confirmed
5	=	11306	Not Confirmed
8	=	8836	Not Confirmed
9	=	8927	Confirmed
13	=	6634	Confirmed

We will have to monitor a little longer (conditions permitting) to see if they come up on the unconfirmed and unknown frequencies so that we can further fill in the unknown data grid.

Any assistance that WUN listeners can afford would be greatly appreciated. If anyone would like a copy of my HF DL frequency spreadsheet. please drop me a note directly: gerl@adelphia.net"

Thanks Eric and to Robert in Taiwan.

::: HF DL (ARINC Spec.635) improvements

It is reported by ARINC that HF DL has now completed 6 years of operational service. Not resting on their laurels their engineers continually examine the system looking for ways to improve performance and efficiency.

The HF DR (HF Data Radio) gathers metrics (statistics, information) during the flight and sends this information to ground in either frequency or performance data packets (refer earlier editions of this column).

ARINC indicates that "Recently accepted enhancements to these data packets will now include information about whether the left or right hand HF DR was used for data; the vendor HF DR software version; and the order of the scanned frequencies, organised according to signal strength from best to worst."

They say that inclusion of this information will help in any troubleshooting of messaging problems during the flight.

::: HF DL frequency tables

The ARINC Newsletter for Mar2004 discussed variations in propagation caused by solar storms. The interesting comment made therein was that during the stormy (solar flares) weeks of Oct/Nov 2003 ARINC issued no less than seven changes to the Automatic Frequency Table to cope with these disturbances. These changes apparently helped the HF DL network to maintain a "delivered message" success rate of 97%.

>>....International Agencies.....>

::: Sudan humanitarian net

The current humanitarian crisis in Sudan has meant the influx of international relief agencies and of UN agencies. With them comes their communications links.

Such an ALE-based network has appeared on 12225, 13390 and 14420 kHz. No doubt there is a number of other, and lower, frequencies but so far not seen in WUN logs.

The early logs suggested a Darfur (W Sudan Provinces) relief specific net but as time has passed, and numerous logs posted, the locations used as ALE IDs have been seen to virtually cover the whole country. At first they appeared to be related to locations on the limited railway network (and possible airfields) suggesting related to same. But as time progressed locations other than these appeared and it suggests they are probably UN field offices. UNJLC (UN Joint Logistics Centre) has been suggested (tks Leif) - for more detailed information check out <http://www.unjlc.org/content/index.phtml/itemId/14717> UNJLC is administered by the UN's World Food Program and with the whole of the country being represented in the comms network this sounds a good analysis.

ALE of course is only for link establishment. The follow up data comms is reported as Clover-2000 (Datron radios/5300 series modems) (tks agn Leif)

A summary is listed below of ALE IDs in use and locations. Due to a wide variation in names found in various map sources, gazeteers, Arabic/English language, source ages and regional variations the following list can only be approximate.

ALE ID	Location	Region /wilayah	Possible alternate names
ATABARA	Atabara	River Nile	
BABANUSA	Babanusa	W Kordofan	Al Babanusah
DALANG	Dilling(?)	S Kordofan	El Daleng
DMAZIN	Damazin	Blue Nile	Ed Damazin
FASHER	Al Fasher	N Darfur	Al Fashir, El Fasher
FAW1	Al Faw	Al Sharquiryah	
GADARAF	Gedaref	Gedaref	
GIRBA	Khasim el Girba	Kassala	
JUBA	Juba	Bahr al Jebel	
KADUGLI	Kaduqli	S Kordofan	Kadugli
KOS	Kosti	White Nile	Kusti, Kosli
MADANI	Medani	Gezira	Wad Medani
NYALA			
NYALA1			
NYALA2			
NYALA2			
NYALA3			
NYALA4	Nyala	S Darfur	
OBIED	El Obied	N Kordofan	Al Ubayyid
PORTSUDAN	Port Sudan	Red Sea	
SHENDI	Shendi	River Nile	
WAU1	wau	Al Ghazal	

>>....Maritime.....>

::: Coast Station MMSIs

Last update 10/Aug/2004

With full implementation of GMDSS having taken place 1/Feb/99 shore authorities are continuing to add to their facilities although some are still in the TBD (to be decided) and planning stages.

As a reminder the list is of Coaststation MMSIs (00MIDnnnn).

For ship MMSIs (MIDnnnnnn) one has to resort to the <http://gold.itu.ch/MARS> ITU website and try pot luck; inclusion of ships is dependant on the timely or otherwise forwarding of up-to-date data by individual administrations to the ITU.

Each section shows the MID (Country code) in brackets and country. The table is in MMSI ascendency for quick look-up.

The list contains MMSIs in use (or planned to be used) in A1 (VHF), A2 (MF) and A3/A4 (HF) areas. Deliberately not indicated whether VHF/MF/HF as it was preferred to add the associated MRCC/MSRC. The Coaststation shown is likely to have small/large number of tx/rx sites (particularly on VHF) remotely controlled. For obvious reasons these are not shown - only those (control or remote) sites allocated an MMSI.

MMSI	Coaststation	Associated RCC
[204]	Azores	
002040100	Delgada	MRCC Delgada
002040200	Horta	"
[205]	Belgium	
002050480	Oostende	MRCC Oostende
002050485	Antwerpen	"
[207]	Bulgaria	
002070810	Varna	MRCC Varna
[209]	Cyprus	
002091000	Cyprus	RCC Larnaca
[211]	Germany	
002111240	Bremen Rescue Radio	MRCC Bremen
[213]	Georgia	
002130100	Batumi	MRCC Georgia
002130300	Poti	RSC Poti
[219]	Denmark	
002191000	Lynby	MRCC Arhus, MRCC Bremen
[224]	Spain (and Canaries)	
002240991	Barcelona	MRCC Barcelona
002240992	Coruna	MRSC Coruna
002240993	Finisterre	MRCC Finisterre
002240994	Tarifa	MRCC Tarifa
002240995	Las Palmas	MRCC Las Palmas

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002240996	Bilbao	MRCC Bilbao
002240997	Gijon	MRCC Gijon
002240998	Vigo	MRSC Vigo
002241001	Algeciras	MRSC Algeciras
002241002	Almeria	MRCC Almeria, MRCC Tarifa
002241003	Cartegena	MRSC Cartagena
002241004	Valencia	MRCC Valencia
002241005	Palma	MRCC Palma
002241006	Tarragona	MRCC Tarragona
002241007	Tenerife	MRCC Tenerife
002241008	Madrid	MRCC Madrid
002241009	Santander	MRSC Santander
002241011	Cadiz	MRSC Cadiz
002241012	Huelva	MRSC Huelva
002241016	Castellon	MRSC Castellon
002241021	Bilbao	MRCC Bilbao
002241022	Coruna	MRCC Finisterre, MRSC Coruna
002241023	Malaga	MRCC Tarifa, MRCC Almeria
002241024	Valencia	MRCC Valencia, MRCC Almeria
002241025	Tenerife	MRCC Tenerife, MRCC Las Palmas
002241026	Las Palmas	MRCC Tenerife, MRCC Las Palmas
002241078	Madrid Radio	MRCC Madrid

[227] France

002275000	Etel (CROSS)	MRCC Etel
002275100	Gris Nez (CROSS)	MRCC Gris Nez
002275200	Jobourg (CROSS)	MRCC Jobourg
002275300	Corsen (CROSS)	MRCC Corsen
002275400	La Garde (CROSS)	MRCC La Garde
002275420	Aspretto (Sous CROSS)	MRCC La Garde, MRSC Corse

[230] Finland

002300230	Turku	MRCC Turku
002301000		MRCC Turku
002302000		MRSC Helsinki
002303000		MRSC Vaasa

[231] Faeroes

002311000	Torshavn	MRCC Thorshavn
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[232] United Kingdom

002320001	MRSC Shetland	MRSC Shetland
002320004	MRCC Aberdeen	MRCC Aberdeen
002320005	MRSC Forth	MRSC Forth
002320007	MRSC Humber	MRSC Humber
002320008	MRCC Yarmouth	MRCC Yarmouth
002320009	MRSC Thames	MRSC Thames
002320010	MRCC Dover	MRCC Dover
002320011	MRSC Solent	MRSC Solent
002320012	MRSC Portland	MRSC Portland
002320013	MRSC Brixham	MRSC Brixham
002320014	MRCC Falmouth	MRCC Falmouth
002320016	MRCC Swansea	MRCC Swansea
002320017	MRSC Milford Haven	MRSC Milford Haven
002320018	MRSC Holyhead	MRSC Holyhead
002320019	MRSC Liverpool	MRSC Liverpool
002320021	MRSC Belfast	MRSC Belfast
002320022	MRCC Clyde	MRCC Clyde
002320024	MRSC Stornoway	MRSC Stornoway
002320060	Jersey Radio	-
002320064	S.Peter Port Radio	-

[237] Greece

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002371000	Olympia	JRCC Piraeus
237673000	Piraeus JRCC	JRCC Piraeus
237673140	Patrai Port Auth.	"
237673150	Rodos Port Auth.	"
237673180	Iraklion Port Auth.	"
237673190	Kerkyra Port Auth.	"
237673210	Thessaloniki Port Auth.	"
237673220	Mytilini Port Auth.	"
237673230	Pylos Port Auth.	"
[238]	Croatia	
002380100	Split	MRCC Rijeka
002380200	Rijeka	MRCC Rijeka
002380300	Dubrovnik	MRCC Rijeka
002387010	Rijeka	MRCC Rijeka
002387020	Rijeka	MRCC Rijeka
002387030	Split	MRSC Split
002387040	Split	MRSC Split
002387400	Zadar	MRSC Zadar
002387401	Zadar	MRSC Zadar
002387500	Sibenik	MRSC Sibenik
002387501	Sibenik	MRSC Sibenik
002387800	Dubrovnik	MRSC Dubrovnik
002387801	Dubrovnik	MRSC Dubrovnik
[239]	Greece	
002391000	Aspropirgos Attikis	JRCC Piraeus
[244]	Netherlands	
002442000	Netherland CG Radio	JRCC Den Helder
[247]	Italy	
002470001	Roma	Var. MRSC inc Roma
002470002	Palermo	Var. MRSC inc Palermo
[250]	Ireland	
002500100	Malin Head	MRCC Dublin, MRSC Malin Head
002500200	Valentia	" , MRSC Valentia
002500300	Dublin	"
[251]	Iceland	
002510100	Reykjavik	MRCC Coastal/Oceanic
002510200	Reykjavik	MRCC Coastal/Oceanic
[255]	Madeira	
002550100	Funchal	MRSC Funchal
002550200	Porto Santo	"
[257]	Norway	
002570000	All Norwegian Stations	
002570100	Tjome	MRCC Stavanger
002570300	Rogaland	"
002570500	Floro	"
002570700	Bodo	MRCC Bodo
002570800	Vardo	"
002570900	Svalbard	"
"	Bjornoya	"
"	Jan Mayen	"

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[261]	Poland	
002610210	Witowo	MRCC Gdynia
[263]	Portugal	
002630100	Lisbon	MRCC Lisbon
002630200	Apulia	"
002630400	Sagres	"
[264]	Romania	
002640570	Constanta	Constanta Hbr Master
[265]	Sweden	
002653000	Goteborg	MRCC Goteborg
[271]	Turkey	
002711000	Istanbul	MRCC Ankara
002712000	Samsun	"
002713000	Antalya	"
002715000	Izmir	"
[272]	Ukraine	
002723650	Mariupol	MRCC Odesa
002723655	Yuzhnyy	"
002723659	Kerch	"
002723660	Odesa	"
002723663	Theodosia	"
002723672	Berdiansk	MRCC Odesa
[273]	Russia Federation	
002733728	Magadan	MRSC Petropavlosk-Kamchatskiy
002733700	Saint Petersburg	MRCC Saint Petersburg
002733733	Yuzhno-Sakhalinsk	MRSC Yuzhno-Sakhalinsk
002734411	Novorossiysk	MRCC Novorossiysk
002734412	Vladivostok	MRCC Vladivostok
002734413	Tuapse	MRCC Novorossiysk
002734414	Arkhangelsk	MRSC Arkhangelsk
002734415	Vyborg	MRCC Saint Petersburg
002734416	Magadan	MRSC Petropavlosk-Kamchatskiy
002734417	Kaliningrad	MRSC Kaliningrad
002734418	Petropavlovsk-Kamchatskiy	MRSC Petropavlovsk-Kamchatskiy
002734419	Astrakhan	MRSC Astrakhan
002734420	Murmansk	MRCC Murmansk
002734421	Vanino	MRSC Yuzhno-Sakhalinsk
002734422	Eisk/Rostov-na-Donu	MRCC Novorossiysk
002734423	Makhachkala	MRSC Astrakhan
[275]	Latvia	
002750100	Riga Rescue Radio	MRCC Riga
[276]	Estonia	
002761000	Tallinn	MRCC Tallinn
002760120	Kuressaare	"
[277]	Lithuania	
002770330	Klaipeda Rescue Centre	MRCC Klaipeda

[278]	Slovenia	
002780200	Koper	MRCC Koper
[279]	Serbia and Montenegro	
002790001	Bar	MRCC Bar
002790002	Obosnik	MRCC Bar
[306]	Netherlands Antilles	
003061000	Curacao	JRCC Curacao
[310]	Bermuda	
003100001	Bermuda Harbour	RCC Bermuda Harbour
[316]	Canada	
003160010	Vancouver	RCC Victoria
003160011	Victoria	"
003160012	Tofino	"
003160013	Prince Rupert	"
003160014	Comox	"
003160015	St John (Red Head)	RCC Halifax
003160016	Halifax	"
003160017	Sydney	"
003160018	Port Aux Basques	"
003160019	Placentia	"
003160020	St John's (Robin Hood Bay)	"
003160021	St Anthony	"
003160022	Labrador	"
003160023	Iqaluit	RCC Trenton
003160025	Riviere au Renard	RCC Halifax
[331]	Greenland	
003311000	Qaqortoq	MRCC Gronnedel
003313000	Aasiaat	"
003314000	Ammassilik	"
[345]	Mexico	
003450010	Cerrillo	-
0034500475	Isla Socorro	MRSC Isla Socorro)
003450110	Tampico	MRCC Ciudad Madero
003450120	La Pesca	MRCC Ciudad Madero
003450172	Matamoros	MRSC Maramoros
003450173	Mezquital	MRSC Mezquital
003450174	San Blas	MRSC San Blas
003450210	Ensenada	MRCC Ensenada
003450272	Isla de Cedros	MRSC Isla de Cedros
003450273	Isla Guadalupe	MRSC Isla Guadalupe
003450274	San Felipe	MRSC San Felipe
003450310	Veracruz	MRCC Veracruz
003450320	Coatzacoalcos	MRCC Veracruz
003450330	Tuxpan	MRCC Veracruz
003450372	Tuxpan	MRSC Tuxpan
003450410	La Paz	MRSC La Paz
003450420	Los Cabos	MRSC La Paz
003450430	San Carlos	MRSC La Paz
003450440	Guerrero Negro	MRCC Ensenada
003450471	La Paz	MRSC La Paz
003450472	Isla Clarion	MRSC Isla Clarion
003450472	Puerto Cortez	MRSC Puerto Cortez
003450473	Los Cabos	MRSC Los Cabos
003450474	Santa Rosalia	MRSC Santa Rosalia

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003450610	Guaymas	MRSC	Guaymas
003450620	Puerto Penasco	MRSC	Guaymas
003450671	Guaymas	MRSC	Guaymas
003450672	Puerto Penasco	MRSC	Puerto Penasco
003450710	Ciudad de Carmen	MRSC	Lama-Campeche
003450720	Campeche	MRSC	Lama-Campeche
003450772	Lerma	MRSC	Lerma
003450810	Mazatlan	MRCC	Mazatlan
003450820	Topolobampo	MRSC	Topolobampo
003450872	Topolobampo	MRSC	Topolobampo
003450910	Progreso	MRSC	Yukalpeten
003450974	Cayo Arcas	MRSC	Cayo Arcas
003451110	Cozumel	MRCC	Chetumal
003451120	Chetumal	MRCC	Chetumal
003451130	Puerto Juarez	MRSC	Isla Cozumel
003451171	Isla Mujeres	MRSC	Isla Mujeres
003451174	Isla Holbox	MRSC	Isla Holbox
003451175	Isla Contoy	MRSC	Isla Contoy
003451176	Playa Linda	MRSC	Playa Linda
003451210	Puerto Vallarta	MRSC	Puerto Vallarta
003451410	Manzanillo	MRSC	Puerto Vallarta
003451610	Lazaro Cardenas	MRSC	Lazaro Cardenas
003451810	Acapulco	MRSC	Acapulco
003452010	Salina Cruz	MRCC	Salina Cruz
003452030	Puerto Angel	MRCC	Salina Cruz
003452071	Salina Cruz	MRSC	Salina Cruz
003452072	Huatulco	MRSC	Huatulco
003452210	Puerto Madero	MRSC	Puerto Madero
003452271	Puerto Madero	MRSC	Puerto Madero
003452272	Paredon	MRSC	Paredon

[366] USA

003660030	Mobile Radio/WLO	-	
003669899	Kodiak, Alaska	MRCC	Juneau/MRCC Alameda
003669902	Woods Hole	MRCC	Boston
003669903	Atlantic City	MRCC	Portsmouth
003669904	Port Angeles	MRCC	Seattle
003669905	Honolulu, Hw.	MRCC	Honolulu
003669906	Cape Hatteras	MRCC	Portsmouth
003669907	Charleston	MRCC	Miami
003669908	New Orleans	MRCC	New Orleans
003669909	Humboldt Bay	MRCC	Alameda
003669910	Astoria	MRCC	Seattle
003669911	North Bend	MRCC	Seattle
003669912	Long Beach	MRCC	Alameda
003669913	San Diego	MRCC	Alameda
003669914	Mobile	MRCC	New Orleans
003669915	Galveston	MRCC	New Orleans
003669916	Corpus Christi	MRCC	New Orleans
003669917	St.Petersburg	MRCC	Miami
003669918	Key West	MRCC	Miami
003669919	Miami	MRCC	Miami
003669920	Fort Macon	MRCC	Portsmouth
003669921	Southwest	MRCC	Boston
003669922	Juneau, Alaska	MRCC	Juneau
003669924	Valdez, Alaska	MRCC	Juneau
003669925	Mayport	MRCC	Miami
003669926	San Francisco	MRCC	Alameda
003669928	South Portland	MRCC	Boston
003669929	New York	MRCC	Boston
003669931	New Haven	MRCC	Boston
003669932	Chincoteague	MRCC	Portsmouth
003669936	Moriches	MRCC	Boston
003669990	Pt Reyes(CAMSPAC)	MRCC	Alameda
003669991	Boston	MRCC	Boston/MRCC Norfolk
003669992	San Juan, PR.	MRCC	San Juan/MRCC Norfolk

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003669993	Honolulu, Hwa.	MRCC Honolulu/MRCC Alameda
003669994	Guam (Marianas)	MRCC Honolulu/MRCC Alameda
003669995	Portsmouth(CAMSLANT)	MRCC Portsmouth
003669997	Miami	MRCC Miami/MRCC Norfolk
003669998	New Orleans	MRCC New Orleans/MRCC Norfolk

[403] Saudi Arabia

004030000	Jeddah	RCC Jeddah
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[412] China

004121100	Tianjin	MRCC Tianjin
004121200	Qinhuangdao	MRCC Hebei
004121300	Dalian	MRCC Liaoning
004121400	Yantai	MRSC Yantai
004122100	Shanghai	MRCC Shanghai/MRCC China
004122200	Qingdao	MRSC Qingdao
004122300	Lianyungang	MRCC Lianyungang
004122400	Ningbo	MRSC Ningbo
004122500	Wenzhou	MRSC Wenzhou
004122600	Fuzhou	MRCC Fujian
004122700	Xiamen	MRSC Xiamen
004123100	Guangzhou	MRCC Guangdong
004123200	Shantou	MRSC Shantou
004123300	Zhangjiang	MRSC Zhangjiang
004123400	Beihai	MRSC Beihai
004123500	Haikou	MRSC Haikou
004123600	Basuo	MRSC Basuo
004123700	Sanya	MRSC Sanya

[416] Taiwan

004162019	Chilung	
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[419] India

004192201	Daman	MRCC Mumbai
004192202	Porbandar	MRCC Mumbai
004192203	Mumbai	MRCC Mumbai
004192204	New Mangalore	MRCC Mumbai
004192205	Kochi	MRCC Mumbai
004192206	Goa	MRCC Mumbai
004192207	Okha	MRCC Mumbai
004194401	Chennai	MRCC Chennai
004194402	Visakhapatnam	MRCC Chennai
004194403	Paradip	MRCC Chennai
004194404	Haldia	MRCC Chennai
004194405	Tuticorin	MRCC Chennai
004194406	Mandapam	MRCC Chennai
004194407	Diglipur	MRCC Port Blair
004194408	Campbell Bay	MRCC Port Blair
004194409	Port Blair	MRCC Port Blair

[422] Iran

004225300	Bandar Khomeyni	HQ POS Tehran
004225301	Chabahar	"
004225302	Bushehr	"
004225303	Now-shahr	"
004225304	Bander-e Abbas	"
004225305	Anzali	"
004225306	Kharg	"
004225307	Lengeh	"
004225308	Bahonar	"
004225309	Khorramshahr	"
004225311	Neka	"

[428]	Israel	
004280001	Haifa	Haifa Radio
[431]	Japan	
004310001	Tokyo Sea Patrol Radio	JCG HQ
004310101	Otaru	MRCC Otaru
004310102	Kushiro	MRCC Kushiro
004310201	Shiogama	MRCC Shiogama
004310301	Yokohama	MRCC Yokohama
004310401	Nagoya	MRCC Nagoya
004310501	Kobe	MRCC Kobe
004310502	Tanabe	"
004310503	Kochi	"
004310601	Hiroshima	MRCC Hiroshima
004310701	Moji	MRCC Kitakyushu
004310702	Sasebo	"
004310801	Maizuru	MRCC Maizuru
004310901	Niigata	MRCC Niigata
004311001	Kagoshima	MRCC Kagoshima
004311101	Naha	MRCC Naha
004311102	Ishigaki	"
[438]	Jordan	
004381234	Aqaba Radio	Hbr Master Aqaba
[440]	Rep. of Korea	
004400001	Inchon Radio	MRCC Inchon
004400002	Seoul Radio	MRCC Tonghae
004400101	Pusan Radio	MRCC Pusan
004400301	Mokpo Radio	MRCC Mokpo
004400601	Kangung Radio	MRCC Tonghae
004401001	Inchon Police Radio	MRCC Inchon
004401002	Tonghae Police Radio	MRCC Tonghae
004401003	Mokpo Police Radio	MRCC Mokpo
004401004	Pusan Police Radio	MRCC Pusan
004401005	Cheju Police Radio	MRCC Cheju
[447]	Kuwait	
004472188	Kuwait	
[463]	Pakistan	
004634052	Gawadar	MRCC Karachi
004634056	Ormara	MRCC Karachi
004634060	Karachi	MRCC Karachi
[466]	Qatar	
004661001	Mesaieed Port	Dept Customs + Ports
[470]	United Arab Emirates	
004700000	Emirates	RCC Abu Dhabi
[477]	Hong Kong	
004773500	Hong Kong Marine Rescue	MRCC Hong Kong
[503]	Australia	
005030001	Charleville/wiluna	RCC Australia
[506]	Burma(Myanmar)	

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005060100	Yangon	MRCC Yangon
005060200	Myeik	"
[512]	New Zealand	
005120010	Taupo	RCC Lower Hutt
[520]	Fiji	
005201100	Suva	RCC Suva
[525]	Indonesia	
005250000	Jakarta	MRCC Jakarta
005250001	Surabaya	MRCC Surabaya
005250002	Makassar	MRCC Ujung Pandang
005250003	Belawan	MRSC Medan
005250004	Dumai	MRSC Pekanbaru
005250005	Bitung	MRSC Menado
005250006	Amboina	MRSC Ambon
005250007	Jayapura	MRSC Jayapura
005250008	Semarang	MRCC Surabaya
005250009	Balikpapan	MRSC Balikpapan
005250010	Kupang	MRSC Kupang
005250011	Sorong	MRSC Sorong
005250012	Batu Ampar	MRSC Tanjung Pinang
005250013	Panjang	MRSC Palembang
005250014	Benoa	MRSC Denpasar
005250015	Dili	MRSC Kupang
005250016	Pontianak	MRSC Pontianak
005250017	Tarakan	MRSC Balikpapan
005250018	Pantoloan	MRSC Menado
005250019	Kendari	MRCC Ujung Pandang
005250020	Ternate	MRSC Ambon
005250021	Merauke	MRSC Merauke
005250022	Lembar	MRSC Denpasar
005250023	Manokwari	MRCC Biak
005250024	Tahuna	MRSC Menado
005250025	Sanana	MRSC Ambon
005250026	Fak-Fak	MRSC Sorong
005250028	Sibolga	MRSC Medan
005250029	Sei Kolak Kiang	MRSC Tanjung Pinang
005250029	Tanjung Pinang	MRSC Tanjung Pinang
005250030	Cilacap	MRCC Jakarta
005250031	Biak	MRCC Biak
[533]	Malaysia	
005330001	Gunung Jerai	MRCC Port Klang
005330002	Permatang Pauh	"
005330003	Gunung Berinchang	"
005330004	Ulu Kali	"
005330005	Gunung Ledang	"
005330006	Tioman	"
005330007	Kuala Rompin	"
005330008	Kuantan	"
005330009	Kuala Terengganu	"
005330010	Machang	"
005330011	Kuching	"
005330012	Bintulu	"
005330013	Kota Kinabalu	"
005330014	Labuan	"
[540]	New Caledonia	
005401000	Noumea	MRCC Noumea

[548]	Philippines	
005480001	Aparri	
005480002	San Jose	
005480003	San Fernando	
005480004	Cagayan de Oro	
005480005	Real	
005480006	Roxas	
005480007	Tacloban	
[563]	Singapore	
005630002	Singapore	Port Operations Control Cnt.
[567]	Thailand	
005671000	Bangkok (Nonthaburi)	RCC Bangkok
[574]	Vietnam	
005741993	Ho Chi Minh-Ville	Ho Chi Minh Port Auth.
005741996	Hai Phong	Hai Phong Port Auth.
005741999	Da Nang	Da Nang Port Auth.
005742001	Nha Trang	Nha Trang Port Auth.
005742004	Vung Tau	Vung Tau Port Auth.
005742006	Hon Gai/Ha Long	Quang Ninh Port Auth.
005742007	Mong Cai	"
005742008	Cua Ong	"
005742009	Ben Thuy	Nghe An Port Auth.
005742010	Hue	Thien Hue Port Auth.
005742011	Quy Nhon	Quy Nhon Port Auth.
005742012	Kien Giang	Kien Giang Port Auth.
005742013	Can Tho	Can Tho Port Auth.
005742014	Thanh Hoa	Thanh Hoa Port Auth.
005742015	Bach Long	Hai Phong Port Auth.
005742016	Hon La	Vung Ang Port Auth.
005742017	Cua Viet	Thuan An Port Auth.
005742018	Ly Son	
005742019	Quang Ngai	
005742020	Cam Ranh	
005742021	Phan Thiet	
005742022	Phu Quy	
005742023	Con Dao	
005742024	Tho Chu	
005742025	Nam Can	
005742026	Bac Lieu	
005742027	Ha Tien	
005742028	Phu Quoc	
005742029	Dung Quat	
[601]	Rep. South Africa	
006010001	Capetown	MRCC Capetown
[610]	Benin	
006100001	Cotonou	
[622]	Egypt	
006221111	Alexandria	RCC Cairo
006221112	Quseir	"
006221113	Port Said	"
[627]	Ghana	

006270000	Tema	
[645]	Mauritius	
006452700	Mauritius	MRCC Mauritius
[650]	Mozambique	
006501000	Maputo	
006502000	Inhambane	
006503000	Beira	
006504000	Quelimane	
006505000	Angoche	
006506000	Nacala	
006507000	Pema	
[701]	Argentina	
007010001	Buenos Aires	MRCC Buenos Aires
007010002	Recalada Rio de la Plata	"
007010003	Mar del Plata	MRCC Puerto Belgrano
007010005	Bahia Blanca	"
007010006	San Blas	MRCC Bahia Blanca
007010007	Rawson	MRCC Puerto Belgrano
007010008	Comodoro Rivadavia	MRCC Puerto Belgrano
007010009	Puerto Deseado	MRCC Puerto Belgrano
007010010	Rio Gallegos	MRCC Ushuaia
007010011	Ushuaia	"
007010111	Argentina Radio	MRCC Buenos Aires
007010221	Mar del Plata	MRCC Puerto Belgrano
[710]	Brazil	
007100001	Rio	MRCC Brazil
007100002	Recife	"
007100003	Manaus	"
[725]	Chile	
007250010	Arica	MRCC Iquique
007250020	Iquique	"
007250030	Tocopilla	"
007250040	Mejillones	"
007250050	Antofagasta	"
007250060	Taltal	"
007250070	Chanaral	MRCC Valparaiso
007250080	Caldera	"
007250090	Huasco	"
007250100	Isla de Pascua (Easter Is)	"
007250110	Coquimbo	"
007250120	Los Vilos	"
007250125	Quintero	"
007250130	Juan Fernandez	"
007250140	San Antonio	"
007250150	Constitucion	MRCC Talcahuano
007250170	Talcahuano	"
007250210	Corral	"
007250220	Valdivia	"
007250230	Puerto Montt	MRCC Puerto Montt
007250235	Faro Punta Corona	"
007250240	Ancud	"
007250250	Castro	"
007250260	Chaiten	"
007250270	Quellon	"
007250280	Melinka	"
007250290	Faro Isla Guafo	"
007250294	Puerto Aguirre	"
007250298	Puerto Chacabuco	"

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007250300	Puerto Aysen	"
007250310	Faro Raper	MRCC Punta Arenas
007250320	San Pedro	"
007250330	Puerto Eden	"
007250340	Puerto Natales	"
007250350	Faro Islote Evangelistas	"
007250360	Faro Fairway	"
007250370	Bahia Felix	"
007250380	Punta Arenas, Magallanes	"
007250390	Faro Delgada	"
007250400	Faro Dungeness	"
007250410	Faro Espiritu Santo	"
007250420	Puerto Williams	"
007250430	Wollaston	"
007250440	Diego Ramirez	"
007250450	Bahia Fildes (Antarctica)	"
007250460	Base A. Prat (Antarctica)	"
007250470	Bahia Paraiso (Antarctica)	"
007251860	Valparaiso Playa Ancha	MRCC Valparaiso
[735]	Ecuador	
007354750	Guayaquil	Guayaquil CG HQ (rptd inop.)
007354752	Esmeraldas	"
007354753	Bahia	"
007354754	Manta	"
007354755	Salinas	"
007354756	Puerto Bolivar	"
007354757	Ayora	"
007354758	Baquerizo Moreno	"
[760]	Peru	
007600120	Zorritos	MRSC Zorritos
007600121	Paita	MRCC Paita
007600122	Talara	MRSC Talara
007600123	Pimentel	MRSC Pimentel
007600124	Salaverry	MRSC Salaverry
007600125	Callao	MRCC Callao
007600126	Chimbote	MRSC Chimbote
007600127	Supe	MRSC Supe
007600128	Huacho	MRSC Huacho
007600129	Mollendo	MRCC Mollendo
007600130	Pisco	MRSC Pisco
007600131	S Juan/S Nicolas	MRSC S Juan/S Nicolas
007600132	Ilo	MRSC Ilo
007600133	Iquitos (Amazonas)	-
[770]	Uruguay	
007703870	Montevideo	MRCC Montevideo

>>....Met.....>

::: Athens Wx FAX

Costas Krallis in Athens has posted some logs of fax with "old" charts ie ones dated 31/Mar and 1/Apr 2004 instead of August! Since this is a station not often heard, and at best copied with difficulty in UK, it is not always possible to tell if the station is still operational.

The frequencies in use are 4481 and 8105 kHz. The service is provided by the Greek National Meteorological Service with call sign SWA being reported on the charts.

To the query:

"Does " with old charts") mean they have been off air for a while and

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that they are now testing with the intention of renewing their service? Costas has advised that he's not sure since the transmissions used to take place late morning Monday-Friday when he was never in his shack. His logs were for a Sunday.

His log times fall within the over-all transmission period whose schedule, currently listed in ALRS Vol.3(1), is as follows:

Tx	V.T.	Product
0845	0600	Sfc Anal
0857	0600	25hr sfc prog
0909	0600	48hr sfc prog
0921	1200	Wave Ht prog (Mediterranean) 30/36/42/48hr
1009	1200	Wave Ht prog (Aegean) 30/36/42/48hr

Costas believes they have new transmitters. He says the previous transmitters were old RTTY ones left over from the AFTN service. He believes they now use new (or repaired) transmitters as the signal is stable. But he's not sure of the location - the signal on 4481 not being very strong at his shack.

Something for WUNners in other parts of Europe and free to listen in that time frame to investigate. Thanks for the heads-up Costas.

>>....Signoff.....>

So ends another edition. Enjoy and also your monitoring. Till next month - Regards Day

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WUN Government and Military Frequency/Designation List
Compiled by Larry Van Horn, N5FPW
Brasstown, NC USA, larry@grove-ent.com
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This month I have added new ALE addresses for the Venezuelan Military. Many thanks to Ron Perron for this update. 2004 Contributors: Jeff Haverlah, Ron Perron, and John Volpato.

=====
Government and Military Systems
Frequency/Channel/Designators List
=====

Last Revision: 25 August 2004

Legend:
MF = Moved From (freq in MHz)
RTTY = Radioteletype
US = United States
USB = Upper Sideband

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UNITED STATES MILITARY LISTINGS
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*Department of Defense Joints Chief of Staff Nets
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High Frequency Global Communications System (HF-GCS)
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The U.S. Air Force High Frequency (HF) Global Communications System (HF-GCS) is a worldwide network that currently consist of 15 high-power HF stations which provide air/ground HF command and control radio communications between all Department of Defense (DoD) ground agencies, aircraft and ships. Allied military and other aircraft are also provided support in accordance with agreements and international protocols as appropriate. The HF-GCS is not dedicated to any service or command, but supports all authorized users on a traffic precedence basis.

On Jun 1, 1992, the former Global HF System (GHFS) was created by consolidating other U.S. Air Force (USAF) and U.S. Navy (USN) HF networks, including the USAF Global Command and Control System (GCCS), the Navy's Ship-to-Shore High Command (HICOM) network, and the dedicated Strategic Air Command (SAC) Giant Talk System. The goal of the merger was to develop one worldwide non-dedicated HF network capable of providing Command and Control (C2) HF communications support to all authorized DoD aircraft and ground stations. As of 1 October 2002, the former GHFS network is now known as the HF Global Communications System (HF-GCS).

The old high power HF equipment being utilized within the HF-GCS has now been replaced with "Scope Command" equipment. Scope Command incorporates Automatic Link Establishment (ALE) technology for use over HF. Scope Command is not the name for this network as some have indicated in the past post to the WUN and other newsgroups. It is the name of the equipment upgrade being done to the network. In January 2003, all HF-GCS station transmit and receive equipment is remotely controlled from the Centralized Net Control Station (CNCS) at Andrews AFB, Maryland.

This ALE technology automates many of the functions performed by the operator such as selecting the best propagating frequency from a list of authorized frequencies.

Net Procedures

General Calling - Aircrews use a preliminary call as outlined in ACP-121 US Supp 2 using the collective callsign "MAINSAIL" or the HF-GCS station call sign (example: Sigonella Global this is Dark 86 on 11175, OVER). HF-GCS operators require approximately 10 seconds (for automated equipment configuration) to respond to calls for service. The HF-GCS operator may request the aircraft change to a discrete frequency for improved and/or extended service.

Phone Patch Service - Phone patching allows direct voice communications between ground agencies and aircraft by electronically connecting telephone circuits to radio transmitters and receivers. Phone patch service is reserved for official unclassified business only and shouldn't exceed five minutes. Patches of more than five minutes or of a sensitive nature should be run on a discrete frequency. Aircrews requesting a phone patch must include all information necessary for HF-GCS operators to complete the call, such as the identity or location of the called parties and telephone number if known. Phone patches are monitored by HF-GCS operators and if radio reception isn't of sufficient quality to complete the patch, they will attempt to copy the traffic and relay it to addressees.

Message Relay Service - HF-GCS operators transcribe encoded or plain-text messages for aircraft or ground stations and forward them to the addresses by radio or landline. The text of the messages can be in the form of alphanumeric, code words, plain text, acronyms, and/or numerical sequences. Aircrews may use "READ BACK" procedures when the message data is critical, or when an incomplete transmission is suspected due to poor radio reception. All messages received by Global stations will be accepted and delivered by the fastest means available according to precedence and priority.

Published Frequency Listing - HF-GCS stations operate on "core" frequencies to provide increased "Global" coverage. The published

frequency listing does not reflect complete system frequency authorizations. These published frequencies will be used for initial contact, EAM broadcasts, and short term C2 phone patch and message delivery. Other extended or special services will be moved to each station's available "discrete" frequencies. Any and all known discrete frequencies for these stations have been incorporated below in the HF-GCS station listings.

Frequency Guide - The frequency guide below is used by units contacting this net and is designed to optimize their air/ground communications.

Primary HF-GCS Frequencies - 24 hours	8992.0	11175.0
Back up HF-GCS Frequencies - DAY	13200.0	15016.0
Back up HF-GCS Frequencies - NIGHT	4724.0	6739.0

Commonly heard callsigns

BRICKWALL	Osan Air Mobility Control Center (AMCC)
DENALI	Elmendorf Air Mobility Control Center (AMCC)
HILDA GLOBAL	Tanker Airlift Control Center Scott AFB
TRACKER	US Air Force Europe Tanker Recce Airlift Control Center (UTRACC)

MAINSAIL Authorized users may contact and request service from Global HF System stations by using the general net air-ground call sign "MAINSAIL". Any Global station hearing the call "MAINSAIL" will respond and provide the requested service.

S4JG A universal Navy call sign assigned to Patrol Squadrons (VP) for use in radio checks. Instead of using the briefed, tactical call sign, the Navigation/Communications operator on the P-3C Orion aircraft would use S4JG on voice and also teletype to get a communications check with a Tactical Support Center (TSC), HF-GCS station or Anti-Submarine Warfare (ASW) Operations Center (ASWOC). In theory by using S4JG, the tactical call sign is less likely to be compromised.

SKYBIRD The collective call sign for all U.S. Strategic Command (USSTRATCOM) command posts, launch control centers, Global HF stations, Air Traffic Control (ATC) towers on Air Combat Command (ACC)/Air Mobility Command (AMC) host tenant bases, Single Sideband (SSB) HF radio stations, and air defense sites in Canada.

SKYKING The collective call sign for all Single Integrated Operational Plan (SIOP) committed aircraft and missile crews. Its meaning is "all SIOP committed aircraft and missile crews copy the following message."

SKYMASTER The collective callsign to all USSTRATCOM airborne command post.

The current station list for the HC-GCS net is as follows:

Andersen Air Base (AB), Guam (Voice call Guam Global)
 Summer: 4724.0 (1300-2000Z) 6739.0 (1100-2000Z) 13200.0 (2000-1300Z)
 15016.0 (2000-1100Z)
 Winter: 4724.0 (1200-2030Z) 6739.0 (1000-2030Z) 13200.0 (2030-1200Z)
 15016.0 (2030-1000Z)
 Year round/24 hours: 8992.0 11175.0

Andrews AFB, Maryland (Voice call Andrews Global) HC-GCS CNCS
 Summer: 4724.0 (0430-0930Z) 6712.0 (0230-0930Z) 13200.0 (0930-0230Z)
 15016.0 (0930-0230Z)
 Winter: 4724.0 (0200-1230Z) 6712.0 (2400-1230Z) 13200.0 (1230-0200Z)
 15016.0 (1230-2400Z)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 8058.0 11053.0 11159.0 11181.0 11214.0 11220.0
 13960.0 14863.0 18015.0

Ascension Island (Voice call Ascension Global)
 Year round: 4724.0 (2400-0700Z) 6739.0 (1900-2400Z) 8992.0 (24 hrs)
 11175.0 (24 hrs) 15016.0 (0700-1900Z)

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Discrete Frequencies: 9043.0 11159.0 11226.0 14497.0

Croughton AB, United Kingdom (Voice call Croughton Global)

Summer: 4724.0 (2230-0400Z) 6712.0 (2230-0400Z) 13200.0 (0400-2230Z)
15016.0 (0400-2230Z)

Winter: 4724.0 (1800-0800Z) 6712.0 (1800-0800Z) 13200.0 (0800-1800Z)
15016.0 (0800-1800Z)

Year round/24 hours: 8992.0 11175.0

Discrete Frequencies: 4894.0 5708.0 5117.0 6728.0 6731.0 6993.0
7567.0 7933.0 8032.0 9025.0 10648.0 11118.0 11129.0 11180.0
11181.0 11220.0 11226.0 11232.0 11271.0 13822.0 15042.0 15091.0

Diego Garcia Naval Station, Indian Ocean (Voice call Diego Garcia Global)

Year round/24 hours: 8992.0 11175.0

Discrete Frequencies: 9012.0 11181.0 11226.0 11244.0 11269.0 13254.0
15095.0 20910.0

Elmendorf AFB, Alaska (Voice call Elmendorf Global)

Summer: 4724.0 (1000-1300Z) 6739.0 (0800-1400Z) 13200.0 (1300-1000Z)
15016.0 (1400-0800Z)

Winter: 4724.0 (0230-1900Z) 6739.0 (0030-2130Z) 13200.0 (1900-0230Z)
15016.0 (2130-0030Z)

Year Round/24 hours: 8992.0 11175.0

Hickam AFB, Hawaii (Voice call Hickam Global)

Summer: 4724.0 (1000-1600Z) 6739.0 (0500-1000Z) 15016.0 (1600-0500Z)
Winter: 4724.0 (0800-1700Z) 6739.0 (0400-0800Z) 15016.0 (1700-0400Z)

Year round/24 hours: 8992.0 11175.0

Discrete Frequencies: 11181.0 13242.0

Keflavik NAS, Iceland

Summer: 4724 (2200-0530Z) 6739.0 (2200-0730Z) 13200.0 (0530-2200Z)
15016.0 (0730-2200Z)

Winter: 4724.0 (2000-0800Z) 6739.0 (2000-1000Z) 13200.0 (0800-2000Z)
15016.0 (1000-2000Z)

Year round/24 hours: 8992.0 11175.0

Lajes AB, Azores (Voice call Lajes Global)

Summer: 4724.0 (2230-0400Z) 15016.0 (0400-2230Z)

Winter: 4724.0 (1800-0800Z) 15016.0 (0800-1800Z)

Year round/24 hours: 8992.0 11175.0 13200.0

Discrete Frequencies: 11220.0 13440.0 14896.0 23265.0

McClellan, California (Voice call McClellan Global)

Summer: 4724.0 (0730-1300Z) 6739.0 (0530-1300Z) 13200.0 (1300-0730Z)
15016.0 (1300-0530Z)

Winter: 4724.0 (0500-1530Z) 6739.0 (0300-1530Z) 13200.0 (1530-0500Z)
15016.0 (1530-0300Z)

Year round/24 hours: 8992.0 11175.0

Offutt AFB, Nebraska (Voice call Offutt Global)

Summer: 4724.0 (0600-1100Z) 6739.0 (0400-1100Z) 13200.0 (1100-0600Z)
15016.0 (1100-0400Z)

Winter: 4724.0 (0300-1400Z) 6739.0 (0100-1400Z) 13200.0 (1400-0300Z)
15016.0 (1400-0100Z)

Year round/24 hours: 8992.0 11175.0

Discrete Frequency: 10589.0 11053.0 11159.0 11181.0 12087.0

Salinas, Puerto Rico (Voice call Puerto Rico Global)

Summer: 4724.0 (0300-1000Z) 6739.0 (0100-1000Z) 13200.0 (1000-0300Z)
15016.0 (1000-0100Z)

Winter: 4724.0 (0200-1100Z) 6739.0 (2400-1100Z) 13200.0 (1100-0200Z)
15016.0 (1100-2400Z)

Year round/24 hours: 8992.0 11175.0

Discrete Frequencies: 7690.0 9006.0 10648.0 11056.0 11220.0 11484.0
15087.0

Sigonella Naval Station, Sicily, Italy (Voice call Sigonella Global)

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Summer: 4724.0 (2230-0400Z) 15016.0 (0400-2230Z)
 Winter: 4724.0 (1800-0800Z) 15016.0 (0800-1800Z)
 Year round/24 hours: 6739.0 8992.0 11175.0 13200.0

Thule AB, Greenland (Voice call Thule Global)
 Year round/24 hours: 8992.0 11175.0 13200.0 15016.0
 Discrete: 11181.0 13215.0

Yokota AB, Japan (Voice call Yokota Global)
 Summer: 4724.0 (1200-1930Z) 6739.0 (1000-2130Z) 13200.0 (1930-1200Z)
 15016.0 (2130-1000Z)
 Winter: 4724.0 (0930-2200Z) 6739.0 (0730-2400Z) 13200.0 (2200-0930Z)
 15016.0 (2400-0730Z)
 Year round/24 hours: 8992.0 11175.0

Notes:

1. Summer schedules run from April-September. Winter schedules run from October-March
2. The Air Force Eastern Test Range (AFETR) HF Network may be used as a backup to GLOBAL. The net can be contacted on USB 10780.0 (primary) and 20390.0 kHz (secondary) using the call sign of CAPE RADIO. Another backup to the HF-GCS is profiled below in the US Air Force MARS section.

DoD Emergency Action Message (EAM) Broadcast Time Slots

These broadcast are commonly heard on HF-GCS primary frequencies plus 11244.0 kHz. Please note that not all HF-GCS published frequencies are active for every EAM broadcast time slot listed below. Also some of the activity listed below is not on HF-GCS published frequencies, but on other selected discrete frequencies.

For an in-depth discussion on what an EAM is, see the utility information file on the WUN website at URL: <http://www.wunclub.com/files/eam.html>

Current as of 24 June 2004

H+00 HF-GCS Offutt AFB, Nebraska
 H+05 HF-GCS Andersen AB, Guam
 HF-GCS Croughton AB, United Kingdom
 H+07 U.S. Navy E-6 TACAMO (Take Charge and Move Out) Atlantic (LANT) aircraft (6697.0/13155.0 kHz)
 H+08 U.S. Navy E-6 TACAMO aircraft HF-GCS six character EAMS "FOR..."
 H+09 HF-GCS McClellan AFB, California
 H+14 U.S. Navy E-6 TACAMO Pacific (PAC) aircraft (6697.0/13155.0 kHz)
 H+20 HF-GCS Salinas, Puerto Rico
 H+21 HF-GCS Elmendorf AFB, Alaska
 H+25 USSTRATCOM Looking Glass mission aircraft
 H+29 HF-GCS Sigonella Naval Station, Sicily
 H+30 HF-GCS Andrews AFB, Maryland
 H+34 HF-GCS Hickam AFB, Hawaii
 H+35 HF-GCS Croughton AB, United Kingdom
 H+37 U.S. Navy E-6 TACAMO LANT aircraft (6697.0/13155.0 kHz)
 H+38 U.S. Navy E-6 TACAMO aircraft HF-GCS six character EAMS "FOR..."
 H+40 HF-GCS Elmendorf AFB, Alaska
 H+44 U.S. Navy E-6 TACAMO PAC aircraft (6697.0/13155.0 kHz)
 H+46 Unknown station
 H+49 HF-GCS McClellan AFB, California
 H+50 HF-GCS Lajes AB, Azores
 H+55 USSTRATCOM Looking Glass mission aircraft
 H+59 HF-GCS Sigonella Naval Station, Sicily

Earlier examples of this broadcast schedule can be seen in the various 1980s editions of the Grove Shortwave Directories (usually on page 5 for those that still have them) - Those minutestamps were also used for the then common "standing by for traffic" calls heard from the various GIANT TALK ground stations operating under their pre-92 daily changing callsign aliases.]

The FOXTROT (SKYKING) messages are also common, or at least they used to be. You should generally hear more than two over any 24 hour period. Of

interest, the preface to the FOXTROT broadcasts that would name the echoing ground stations have not been heard (here) since maybe sometime in April 2003 (around the end of major combat in Iraq.) I've heard no instance of a request to DIEGO GARCIA or THULE or anyone else since around that time, just the occasional FOXTROT broadcast from ANDREWS or whoever. They dropped the DECENT, ENLIST, FAIRLY, EYESTRAIN, DEFROSTER echo requests sometime around Sept 2001 (maybe) to be replaced with plaintext station names (THULE; DIEGO GARCIA; CYPRUS FLIGHT WATCH) after 9/11, and now since around April 2003 maybe nothing.

Busiest frequencies are 8992.0 ("Eight-Niner") and 11175.0 ("Triple-1"), which most stations guard around the clock. The others operate on a schedule which changes twice yearly, on the first of April and October. The upper sideband (USB) mode is used on all HF-GCS frequencies listed above.

Note: The data signal you will on 9025.0 kHz is ALE which is a computerized system that simplifies HF operation (see section below). Older frequency circulated on the internet continue to list 8968.0 and 17976.0 kHz, but these were removed from HF-GCS service over three years ago.

Scope Command HF ALE Network

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The ALE system used by the JCS HF-GCS network is designated MIL-STD-188-141A. You can download a software program developed by Charles Brain to decode these digital transmissions at the following URL:
<http://www.chbrain.dircon.co.uk/>.

ALE allows automated ground agency contact by selecting the best station and best frequency without operator interaction. ALE radios make this possible by using a datafill that contains frequency, station and other pertinent information. For ALE radios to operate properly, the radio must have a loaded datafill, be turned on in the "automatic" mode and remain there the duration of the flight. If the radio is removed from the ALE mode, history tables will require time to rebuild and initial communications may be slightly degraded.

Frequencies used in this net include:

2805.0 3059.0 3137.0* 4721.0* 5708.0* 6715.0 6721.0* 7632.0*
 8965.0 9025.0* 9057.0 11226.0* 11250.0 13215.0* 15043.0*
 18003.0* 20631.0 23337.0 27870.0

* indicates active Scope Command ALE traffic.

Net participating stations, identifiers and specific frequency assignments used in the HF-GCS ALE net:

Andrews AFB, MD USA	ADW	3137	4721	5708	6721	9025	11226	13215
15043	18003	23337						
Ascension Island	HAW	3137	4721	6721	9025	11226	13215	15043
18003	23337							
RAF Croughton, UK	CRO	3137	4721	6721	9025	11226	13215	15043
18003	23337							
NSF Diego Garcia	JDG	3137	4721	5708	6721	9025	11226	13215
15043	18003	23337						
Elmendorf AFB, AK USA	AED	3137	4721	5708	6721	9025	11226	13215
15043	18003	23337						
Andersen AFB, Guam	GUA	3137	4721	5708	6721	9025	11226	13215
15043	18003	23337						
Hickam AFB, Hawaii	HIK	3137	4721	6721	9025	11226	13215	15043
18003	23337							
NAS Keflavik, Iceland	IKF	3137	4721	5708	6721	9025	11226	13215
15043	18003	23337						
Lajes AB, Azores	PLA	3137	4721	5708	6721	9025	11226	13215
15043	18003	23337						
McClellan, CA USA	MCC	3137	4721	5708	6721	9025	11226	13215
15043	18003	23337						
Offutt AFB, NE USA	OFF	3137	4721	5708	6721	9025	11226	13215

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15043 18003 23337
Salinas, PR JNR 3137 4721 5708 6721 9025 11226 13215
15043 18003 23337
Sigonella, Sicily Italy ICZ 3137 4721 5708 6721 9025 11226 13215
15043 18003
RAF Port Stanley, Falkland Island
(South Atlantic) MPA 3137 4721 5708 6721 9025 11226 13215
15043 18003 23337
Yokota AB, Japan JTY 3137 4721 6721 9025 11226 13215 15043
18003

Some non HF-GCS stations observed in this net:

CEF 439AW, Westover AFB, MA
GVT Raytheon, Greenville, TX
OKC Oklahoma City (Tinker AFB), OK
RIC CAP Region 2 MER/CAP National Technology Center, Richmond, VA
RSC Rockwell Scope Command Facility, Greenville, TX
TAG Incirlik AB, Turkey (HF-GCS Facility Closed)
WRL Warner-Robins AFB, GA

Preset telephone number codes imbedded in Scope Command ALE command lines:

PCHS Charleston Command Post
PDOV Dover AMCC
PERT Rota
PMET Hilda Metro
PPLA Lajes AB
PTAE Hilda East
PTAR Ramstein AB
PTAW Hilda West
PWRI McGuire AFB

NIPR/SIPR HF ALE Network

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Courtesy of Ron Perron

SIPR (Secret Internet Protocol Router) Network Frequencies
5702.0 6715.0 8968.0 11181.0 17976.0 27870.0

SIPR Gateways/Frequency Matrix:

ADWSPR Andrews AFB, Maryland
5702.0 6715.0 8968.0 11181.0 17976.0 27870.0
CROSPR Croughton AB, United Kingdom
5702.0 6715.0 8968.0 11181.0 17976.0 27870.0
HAWSPR Ascension Island
8965.0 11181.0 17976.0
ICZSPR Sigonella AB, Sicily, Italy
5702.0 6715.0 8968.0 11181.0 17976.0
IKFSPR NS/NAS Keflavik, Iceland
11181.0 17976.0
JDGSPR Diego Garcia, Indian Ocean
11181.0 27870.0
JNRSPR Salinas, Puerto Rico
6715.0 8968.0 11181.0 17976.0
MCCSPR McClellan, California
5702.0 6715.0 11181.0
OFFSPR Offutt AFB, Nebraska
5702.0 6715.0 8968.0 11181.0 17976.0
PLASPR Lajes AB, Azores
5702.0 6715.0

Other Stations

RIC 4721.0 5702.0 5708.0 6721.0
WRL 5708.0 6721.0
DVL 5708.0

Editors Note: I do not believe that the three addresses listed above are
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part of the SIPR net. I think they are part of another USAF point-to-point net that share some of the SIPR frequencies-LVH.

NIPR (Non-Secure Internet Protocol Router) Network Frequencies
 3068.0 4745.0 5684.0 8965.0 11199.0 13242.0 17973.0 20631.0

NIPR Gateways/Frequency Matrix:

ADWNPR Andrews AFB, Maryland
 3068.0 4745.0 8965.0 11199.0 13242.0 17973.0 20631.0
 CRONPR Croughton AB, United Kingdom
 17973.0
 MCCNPR McClellan, California
 5684.0 8965.0 13242.0 17973.0
 OFFNPR Offutt AFB, Nebraska
 5684.0 8965.0 11199.0 13242.0 17973.0 20631.0

MYSTIC STAR Network

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This is a worldwide communications system, operated and maintained by elements of the United States Army, United States Navy, and United States Air Force under the control of the Defense Information Systems Agency (DISA) Operations Center. Its network provides worldwide communications by directly controlling radio equipment located at Global HF system stations. It consists of ultra high frequency satellite and HF networks supporting Presidential, special air, commanders-in-chief, Joint Staff, very important persons, and command airborne missions. The Mystic Star HF network consists of: a single master net control station (MNCS) located at Andrews AFB Maryland, interstation and intersite circuits, and relay and auxiliary communications subsystems. (Source Air Force Instruction 33-106)

F003	8036.0 (1)	F005	9120.0 (3)	F007	4850.0
F009	17972.0	F020	16117.0 (1)	F033	15962.0
F039	10881.0	F046	13823.0	F054	8058.0 (9)
F058	4742.0 (6)	F061	23265.0 (2)	F063	14870.0
F064	11214.0 (3)	F066	15036.0	F077	Unknown
F078	18532.0	F080	15677.0	F084	13205.5
F085	6993.0	F086	9461.0	F089	13204.0 (1)
F090	6716.0	F094	9017.0 (2)	F098	14585.0
F099	13247.0 (0)	F101	12106.0 (6)	F102	11118.0 (2)
F103	11488.0 (6)	F107	Unknown (8)	F108	7316.0
F114	6986.0 (6)	F117	6993.0 (8)	F124	11217.0 (6)
F126	12087.0 (2)	F128	23242.0	F134	4942.5
F136	5429.5 (7)	F146	9027.0 (1)	F153	8063.0 (6)
F171	18403.5 (9)	F173	14420.5	F174	20650.0
F182	3078.0 (6)	F184	10648.0 (8)	F186	3046.0
F194	13825.0 (5)	F195	20631.0	F197	4982.0 (6)
F202	16014.0 (5)	F204	12057.0	F211	11056.0 (7)
F213	Unknown	F220	11181.0	F226	5435.5 (6)
F228	7735.0 (5)	F229	Unknown (8)	F236	15041.0 (9)
F240	Unknown (8)	F243	18590.0	F248	5398.0 (5)
F249	4731.0	F250	15091.0 (2)	F251	13217.0 (1)
F262	10717.0	F264	7693.0 (6)	F265	15733.0 (1)
F266	7997.0 (6)	F267	6730.0 (2)	F268	7325.0 (2)
F271	18320.0	F277	11153.0 (1)	F287	11226.0 (2)
F290	8026.0 (2)	F291	13960.0 (1)	F292	9414.5
F295	11460.0 (3)	F300	15707.0 (0)	F301	7500.5 (2)
F302	Unknown	F310	Unknown	F311	11220.0 (3)
F322	Unknown	F326	14864.0	F327	18716.0
F337	18761.0	F341	16083.0	F350	5043.0
F351	Unknown (9)	F354	11053.0 (2)	F356	7827.0
F360	7919.5 (8)	F363	15018.0 (7)	F365	11059.0 (1)
F369	20397.0 (8)	F370	17177.0	F372	16123.0 (8)
F380	3144.0 (5)	F382	15094.0 (6)	F395	9057.0 (1)
F400	6728.0 (5)	F404	7690.0 (2)	F405	6972.0
F406	18393.0 (6)	F417	4992.0	F419	11407.0 (5)
F420	7933.0 (7)	F432	6731.0 (8)	F433	20972.0
F435	3821.0	F437	5684.0 (6)	F441	17440.0 (1)

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F444	19267.0	F448	16-18 MHz	F451	13248.0 (9)
F452	5026.0	F453	19063.0	F461	13211.0 (1)
F463	4610.0 (1)	F464	16157.0	F465	8040.0 (0)
F466	14864.5 (0)	F467	9023.0 (3)	F476	4-6 MHz
F481	7605.0	F483	18626.0	F486	5152.0 (9)
F487	24483.0	F489	5437.0 (7)	F496	11059.5 (2)
F497	5411.0 (7)	F498	8032.0 (1)	F499	4442.0 (0)
F500	8989.0 (6)	F505	9006.0 (2)	F515	Unknown (2)
F516	4645.0 (6)	F517	9270.0 (6)	F521	11484.0 (2)
F522	11232.0 (2)	F523	9215.0 (9)	F529	8077.0 (7)
F530	23325.0	F533	18675.0 (6)	F538	Unknown
F540	5404.5	F541	Unknown (2)	F542	5431.0 (6)
F543	8083.0	F545	10580.0	F546	18400.0
F551	18331.0 (6)	F555	4894.0 (6)	F561	11052.0 (6)
F567	13565.0 (6)	F569	18387.0	F574	11413.0 (6)
F575	10427.0	F576	11153.5 (2)	F577	10544.0 (7)
F579	Unk 11 MHz	F595	10877.0	F600	13878.0 (6)
F611	14863.0	F614	4488.8 (8)	F616	9320.0 (2)
F622	5817.0	F623	18317.0	F624	13241.0 (1)
F626	19343.0	F627	7910.0 (5)	F631	18755.0 (5)
F633	18290.0 (1)	F639	7469.0	F642	18218.0 (2)
F644	15821.0 (5)	F646	13440.0 (2)	F649	8053.0 (6)
F655	11053.0	F662	15048.0 (6)	F664	15 MHz
F667	6817.0 (7)	F673	3064.0	F677	6 MHz
F690	3032.0	F700	4490.0	F701	11058.0 (7)
F702	9323.0 (6)	F703	9991.5 (6)	F706	8057.0 (5)
F707	10589.0 (2)	F708	23377.0	F709	9317.0 (7)
F710	4458.0	F713	16246.0 (5)	F717	10883.0
F722	12270.0 (9)	F723	18323.0 (6)	F728	11236.0 (5)
F731	6683.0 (1)	F732	15011.0 (7)	F734	4757.0 (7)
F736	11494.0 (8)	F741	7873.0	F748	6756.0 (5)
F749	15-16 MHz	F752	8047.0 (2)	F754	11627.0
F758	4452.0 (8)	F777	3113.0 (6)	F778	18023.0 (8)
F784	9043.0 (6)	F785	15687.0 (6)	F790	16323.0
F793	Unknown (0)	F800	Unknown (2)	F803	5078.0?
F807	12103.0?	F809	5700.0 (5)	F814	6989.0 (7)
F821	Unknown	F823	11229.0 (1)	F825	19047.0?
F832	18267.0	F843	Unk 6 MHz	F845	6-7 MHz
F846	13822.0 (5)	F853	12 MHz (0)	F864	16008.0 (2)
F867	6830.0 (7)	F868	9218.0 (6)	F869	16090.0
F873	13248.0 (7)	F874	13246.0?	F875	6717.0 (1)
F877	4721.0 (7)	F885	13207.0 (5)	F891	11053.5
F895	5710.0 (9)	F904	10202.0 (0)	F906	4524.0
F909	7687.0 (8)	F910	19671.0 (9)	F912	7330.0
F915	12107.0	F917	10205.0 (6)	F918	13482.0
F919	11159.0 (2)	F920	7927.0 (2)	F924	16317.0
F932	Unknown (2)	F933	Unknown	F935	7922.5
F937	Unknown	F940	11445.0 (0)	F943	19002.0 (6)
F948	15038.0 (6)	F952	Unknown	F956	Unknown
F957	6761.0 (0)	F965	11466.0 (2)	F974	10586.0 (6)
F975	Unk 11 MHz	F980	15724.0	F982	9,13 MHz
F987	10583.0 (6)	F988	4763.0	F997	15667.0

Frequencies 4441.0, 6671.0, 8260.0, 18801.0 and 25363.0 has been heard carrying "Mystic Star" traffic, but no designator is known. Designator F171 and signals associated with this net have been monitored on 18397.4 vice the 18403.5 we have listed above.

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 *United States Strategic Command (USSTRATCOM)
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HF "Zulu" Airborne Command Post Net

Z100	3068.0 (9)	Z180	9057.0 (3)	Z265	18024.0 (0)
Z105	3116.0 (2)	Z185	9809.0 (0)	Z270	18027.0 (0)
Z110	3134.0? (8)	Z190	10204.0 (3)	Z275	18046.0?
Z115	3143.0 (9)	Z195	Unknown (3)	Z280	18387.0 (2)

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Z120	3295.0	(2)	Z200	11181.0	(3)	Z285	Unknown
Z124	Unknown		Z205	11494.0	(2)	Z290	19665.0 (9)
Z125	4495.0	(2)	Z210	11229.0	(3)	Z295	19755.0 (2)
Z130	4472.0	(8)	Z211	12070.0	(2)	Z300	20167.0 (2)
Z135	4745.0	(2)	Z215	13242.0	(2)	Z305	20407.0 (9)
Z140	5026.0	(8)	Z220	13245.0	(2)	Z310	23337.0
Z145	5705.0	(3)	Z225	13907.0	(1)	Z315	23872.0 (9)
Z150	5800.0	(2)	Z230	15046.0	(7)	Z320	24828.0?
Z155	5875.0	(0)	Z235	15094.0	(3)	Z325	24978.0?
Z160	6715.0	(2)	Z240	15097.0	(0)	Z330	26532.0?
Z165	6757.0	(2)	Z245	Unknown		Z335	26859.0 (2)
Z170	7831.0	(2)	Z250	15962.0	(1)	Z340	Unknown
Z174	Unknown		Z255	17973.0	(0)	Z345	Unknown
Z175	9016.0	(4)	Z260	18006.0	(0)	Z350	Unknown

NOTES:

- (7) Confirmed 1997
- (8) Confirmed 1998
- (9) Confirmed 1999
- (0) Confirmed 2000
- (1) Confirmed 2001
- (2) Confirmed 2002
- (3) Confirmed 2003

Note: At 1805 UTC on 16 Dec 2003, monitored female op using tac call calling other tac calls IDed frequency as Z-280/Z-230.

Note: A new frequency 7992.0 khz has been uncovered by WUN member Jeff Haverlah in Texas during monitoring of a STRATCOM exercise on June 25, 2003. The frequency was being used by airborne command post participating in a STRATCOM communications exercise. No designator has been assigned at this time.

Other notes on USSTRATCOM related frequencies from Jeff Haverlah.

11244.0 khz

1. This frequency is a special HF-GCS discrete that is used by *every* named HF-GCS station for Emergency Action Messages (EAM) and FOXROT broadcast. In fact, it has been described as the "broadcast" frequency. Stations here do not respond to MAINSAIL general calls on this frequency.

2. This frequency is guarded by the Nightwatch 01 (US Air Force E-4 National Airborne Operations Center or NAOC) station (which uses daily changing callsign aliases) and is paired with 8992.0 khz.

3. This frequency is used by the apparent USSTRATCOM Looking Glass mission aircraft for daily EAM transmissions at any time, and used for repeat EAM transmissions at H+25/H+55 mostly during North American daylight hours (and at any part of the day during exercises). Paired with 8992.0 khz. Also guarded by the Glass mission and other U.S. Navy E-6 TACAMO aircraft when active.

Note: The primary mission of the Looking Glass aircraft is the ability to command, control, and communicate with its nuclear forces. Its highly-trained crew and staff ensure there is always an aircraft ready to direct bombers and missiles from the air should ground-based command centers become inoperable. Looking Glass guarantees that U.S. strategic forces will act only in the precise manner dictated by the president. On Oct. 1, 1998 the Navy's E-6B Mercury aircraft replaced the USAF EC-135 in the Looking Glass mission.

4. Used by possible tanker aircraft (maybe on their SIOP mission) passing 4-element groups to "SkyMaster" (NAOC and TACAMO aircraft) during exercises and paired with 8992.0 khz. The 4-element groups have been called "TID traffic" by SKYMASTER aircraft.

5. Used by other U.S. government stations (i.e. Federal Emergency Management Agency-FEMA, etc) including the static call "Blue Grass" (Mt.

Weather, Virginia) as a frequency to pass "Hotel" messages. These messages are passed to each other and to the NAOC aircraft (using an alias separate from that particular day's callsign). This activity is usually during the third week of each month, is not paired with 8992.0 kHz, and many of the station's use callsigns begin with the letter "A" (i.e. Axle Rod, Army Ruler, etc).

6. Units here always identify the frequency as 11244.0 kHz and not with a tactical designator.

6697.0 kHz

1. This frequency is used by the TACAMO aircraft for daily evening/night (North America) EAM transmissions during the following time slots:

- H+07/H+37 by a TACAMO LANT aircraft
- H+14/H+44 by a TACAMO PAC aircraft

2. EAMs have been heard at any time during initial broadcast, simulcast on 8992.0, 11244.0 and on the USSTRATCOM Zulu net frequencies above.

3. This frequencies is also used by possible TACAMO aircraft to communicate with trigraph identifier stations during exercises (usually to receive 3-element group traffic from these trigraph stations.)

4. Also is used 24-hours a day by the United Kingdom's station MKL and their trigraphs (many of these thought to be Nimrod aircraft).

13155.0 kHz

1. This frequency is used by the TACAMO aircraft for daily daytime (North America) EAM transmissions during the following time slots:

- H+07/H+37 by a TACAMO LANT aircraft
- H+14/H+44 by a TACAMO PAC aircraft

2. EAMs have been heard at any time during initial broadcast, simulcast on 8992.0, 11244.0 and on the USSTRATCOM Zulu net frequencies above.

3. The activity on this frequency apparently moved here from 11267.0 kHz a few years ago. 11267.0 now seems to be quiet probably indicating that it is no longer used for this purpose.

Other U.S. Navy frequencies heard recently with EAM broadcasts by Jeff Haverlah and the column editor.

4515.0	4848.0	5680.0	6512.0	6666.0	6686.0	6720.0	6724.0	6778.0
6833.0	6903.0	7501.0	7589.0	8020.0	8971.0	9007.0	9010.0	9036.0
9283.0	10515.5	10805.0	10994.0	11187.0	11255.0	11271.0	13155.0	
14698.0	15038.0	15049.0	16117.0					

These and other old U.S. Navy HF HICOM (High Command) frequencies have been active in past with heavy EAM traffic. (See HF-GCS section above about the demise of the HICOM network)

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*United States Air Force
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Special Operations Command (AFSOC)

- =====
Air-to-Ground Nets
- 3044.0 352SOG RAF Mildenhall, United Kingdom Maintenance
- 3134.0 Hurlburt Field, Florida
- 4450.0 352SOG RAF Mildenhall, United Kingdom Exercise Operations
- 5204.5 352SOG RAF Mildenhall, United Kingdom (Blackhat) Primary
- 5349.0 352SOG RAF Mildenhall, United Kingdom (Blackhat)
- 5687.0 Hurlburt Field, Florida (Plantation/Seminole Operations)
- 5732.0 Hurlburt Field, Florida (Emerald Ops/Seminole Operations) FOX 2?
- Kirtland AFB, New Mexico

6730.0 Hurlburt Field, Florida
 9018.0 AFSOC Air-to-Air
 9019.0 Hurlburt Field, Florida (Plantations Operations) FOX 4? ex-9017
 9026.0 352SOG RAF Mildenhall, United Kingdom (Blackhat)
 9161.5 352SOG RAF Mildenhall, United Kingdom (Blackhat) Primary
 11611.0 Hurlburt Field, Florida (Seminole/Emerald Operations)
 13206.0 Hurlburt Field, Florida (Plantations Operations) FIX 1? ex-
 13207 kHz

I have had no recent reports on 18027.0 (FOX 9) or 23271.0 kHz (FOX 8). Has anyone in the last year heard any AFSOC units using the FOX designators above? Also, the following frequencies were active with AFSOC activity until the overhaul of the OR frequencies several years ago. Does anyone know what frequencies have taken their place? 4721.0 6712.0 9017.0 9023.0 kHz.

RAF Mildenhall, United Kingdom
 =====

6761.0 Aerial refueling tankers interplane (worldwide)

Ramstein AB, Germany
 =====

6730.0 AMC Command Post (Metaphor)
 9022.0 AMC Command Post (Metaphor)

Miscellaneous Listings
 =====

11181.0 JStars aircraft discrete

Air Force Military Affiliate Radio System (MARS)
 =====

You will also find a considerable amount of military aircraft voice traffic (official and unofficial) on the U.S. Air Force Military Affiliate Radio System (MARS) phone patch network frequencies: The primary frequencies are 13927.0 and 20992.0 kHz. These are fun and interesting frequencies to monitor. The complete list with designators are: (mode is USB)

Freq	Designator
4557.0	RK
7633.5	ACJ
13927.0	ACB (Primary)
14606.0	ACF
18617.0	???
20992.5	ACZ

MARS conducts a phone patch admin net on Sundays at 1600 UTC on 13977.0 kHz (ACC). Allan Stern has reported 18617.0 kHz as a new possible discrete for this network.

Civil Air Patrol (CAP) Tech
 =====

Information from Ron Perron

Confirmed Frequencies (USB/ALE)

5006.0 6806.0 7602.0 8012.0 9047.0 11402.0 13415.0

Identifiers:

1. Surfing on the CAP web site and reading some of their pubs (Organization, Communications Procedures, CAP Alerting System) I've been able to confirm the following identifiers:

RIC CAP National Technology Center, Richmond VA
 022NHQCAP National Ops Center (NOC) CAP Nat'l HQs, Maxwell AFB AL.

According to the CAP Alerting System Communications Actions publication under threat advisories Yellow (present condition), Orange & Red the NOC (Headcap 22) and the NTC (Headcap 33) are responsible for conducting the National Command Net with the NTC acting as alternate net control to the

NOC. "Confidence checks" have to be conducted to ensure that the system is ready for any contingency. This probably explains the fairly heavy volume of soundings from 022, 047 & 062 NHQCAP identifiers.

2. Reading these same pubs and looking at the wiring diagram for Hqs, I've made a stab at the following identifiers:

- 047NHQCAP Possible Director of Communications (DOK), CAP Nat'l Hqs, Maxwell AFB AL.
- 062NHQCAP Possible Director of Operations (DOO), CAP Nat'l Hqs, Maxwell AFB AL.
- 034MERCAP Middle East Region, North Carolina poss Region Chief of Staff

=====
 *U.S. Army
 =====

U.S. Transportation Command
 =====

- 4146.0 Channel 1
- 6224.0 Channel 2
- 6227.0 Channel 3
- 8294.0 Channel 4
- 8297.0 Channel 5
- 12353.0 Channel 6
- 12359.0 Channel 7
- 12365.0 Channel 8

Army Corps of Engineers
 =====

- 3345.0 Channel 1
- 5015.0 Channel 2
- 5327.5 Channel 3
- 5400.0 Channel 4
- 5437.5 Channel 5
- 6020.0 Channel 6
- 6785.0 Channel 7
- 9122.5 Channel 8 Primary
- 11693.5 Channel 9
- 12070.0 Channel 10 Secondary
- 12122.0 Channel 11
- 16077.0 Channel 12
- 16326.0 Channel 13 Teritiary
- 16358.0 Channel 14
- 20659.0 Channel 15

18th Airborne Corps HF ALE Net
 =====

Courtesy of Ron Perron

Frequencies:

3238.5 4641.5 5883.5 6911.5 7361.5 8171.5 9295.0 10161.5 10680.0
 12168.0

Identifiers:

- 18FABDEJAGCE 18th Field Artillery Bde
- 159X1 Probable 1/159th deployed/exercise Hqs
- 229JAGCE Probably 229th FA Bn (105mm howitzers)
- 327FAJAGCE 3-27th FA (MLRS)-Multiple Rocket Launcher Bn, 18th Airborne Corps
- FFAJAGCE Unidentified sub-unit of 18th FA Regt
- P1Z159 1/159th Avn Bn, Ft Bragg
- S03OPS Unidentified
- S08OPS Unidentified
- S12 Unidentified
- S21 Unidentified
- S41 Unidentified

T1Z159 1/159th Avn Bn, Ft Bragg
T18 Probably 18th Airbone Coprs HQs

Continuity of Operations (COOP) HF ALE Net

=====
Courtesy of Ron Perron

Freqs (all USB)

3275.0 3285.0 5066.5 5088.5 6767.5 6985.0 7448.5 7510.0

Identifiers:

- CECOM Army Communications & Electronics Command, Ft. Monmouth NJ.
- USACE1010 Army Corps of Engineers
- USADA1010 Unidentified
- USAF1220 Army Forces Command (FORSCOM), Ft McPherson GA
- USAIS1012 Army Intelligence & Security Command, Ft Belvoir VA
- USAMC2120 Army Materiel Command, Alexandria VA
- USAMD1010 Army Medical Department ???
- USANG2409 Army National Guard HQs, Arlington VA
- USAPC1010 Army Pacific Command, Oahu HI

I believe the purpose of this net is to develop & maintain an HF ALE communications capability to support the major US Army commands. This net would probably provide backup communications capability in the event of failures of other means of communications, i.e. landlines, satellites, microwave/troposcatter.

This net is usually "tested" on wednesdays. Lately the US Army Intelligence & Security Command, Ft Belvoir VA has been acting as Net Control Station (NCS) for this net.

=====
*U.S. Coast Guard
=====

Air-to-Ground Nets

=====
3053.0 3056.0 3119.0 3122.0 4730.0 4733.0 5693.0 5696.0 5699.0
8980.0 8983.0 11196.0 11199.0 11202.0 13218.0 13221.0 15082.0
15085.0 15088.0 17988.0 17991.0

- CAMSLANT Chesapeake, Virginia
- CAMSPAC Point Reyes, California
- GANTSEC Great Antilles Section

Secure Net

=====
The designators below appear to be changing. Allan Stern recently confirmed that 3E11 is now 6234.5 kHz instead of 6815.6 kHz. Mark Cleary confirms Allan's report and has added 8337.6 kHz is now 3E12 vice the old 7845.0 kHz. In addition, Mark has located 3A17 which is now IDed as 4716.6 kHz. Ron Perron has verified that 10608.1 kHz (3E5) has been tagged with a 3A02 identifier. Anyone else notice any others changes? Reports are requested.

- 4448.0 3A04
- 4716.6* 3A17 Group Key West
- 5272.0 3E06
- 5399.6 3C16 GANTSEC
- 5422.5 3A03
- 6234.5* 3E11 ex-3E4
- 6815.6 ???? ex-3E11 GANTSEC
- 7421.0 3A09
- 7626.0 3E10
- 7773.5 3A08
- 7845.0 ????
- 7884.0 3E13
- 7909.0 3E14 CAMSLANT

8091.0 ????
 8337.6* 3E12 ex-7845.0 for 3E12
 10608.1* 3A02 Group Miami ex-3E5
 10675.0 3E19
 10759.0 3E20
 10788.0 3E21
 10993.6 ???? Group Key West
 11157.5 3E24
 13413.0 3E25
 13809.0 ????
 13950.0 ????

Reference to a 3A5, 3A14, and 3A26 designators has been heard on the air.
 For a full listing of USCG aircraft and helicopters, go to URL:
<http://www.wunclub.com/>

TISCOM Net

=====
 USB/ALE: 4730.0 8859.0 13221.0 17988.0
 NMC US Coast Guard CAMSPAC Point Reyes, CA
 NMG COMSTA New Orleans, LA
 NMO US Coast Guard Honolulu, HI
 NOJ COMSTA Kodiak, AK
 TISCOM US Coast Guard Telecommunications & Information Systems
 Command, Arlington, VA

A1401 Net Frequencies

=====
 This is a list of Ship/Shore Independent Sideband (ISB) frequencies. I
 call this set of frequencies the A1401 net.

2016.0 2040.0 2054.0 4913.5 5108.5 5217.0 5223.0 5266.0 5272.0
 5419.5 5942.5 6961.0 7439.0 7577.0 7617.0 7626.0 7754.5 7845.0
 7884.0 7909.0 9169.0 9291.0 9332.0 9373.0 10297.5 10338.5 10354.5
 10378.0 10675.0 10759.0 10788.0 10929.5 10935.5 11024.0 11045.0
 11157.5 13413.0 13484.0 13537.7 13950.0 14506.0 14518.75 14731.0
 14752.0 14919.2 18189.0 18255.0 18283.0 18335.0 18497.0 18650.0
 18716.0 20095.0 20137.0 20518.0 20639.0 23373.0 23515.0

Atlantic Only 2161.0
 Pacific Only 2144.0 5932.5 7713.0 9299.5 11165.8 18757.0
 Your column editor is extremely interested in receiving activity reports
 on any of the above listed frequencies.

HF PACTOR II E-Mail Network

=====

Frequency	Net Control Station	Fleet	Day/Night
5272.2	NOJ	PAC	Night
6961.2	NMC1	PAC	Night
6964.4	NMC	PAC	Night
7442.3	Cutters	PAC	Night
7685.5	NNN0MDC	LANT	24hrs
8340.2	NMC	PAC	Night
10355.2	NOJ	PAC	24hrs
13827.5	NNN0MUC	LANT	24hrs
14506.2	NMC	PAC	Day
14752.2	Unknown	PAC	Day
14922.4	poss NOJ	PAC	Day
18192.2	NMC1	PAC	Day
20642.2	NMC	PAC	Day

=====

Callsign	Identity
NAQD	USCGC Jarvis WHEC-725
NDWA	USCGC Morgenthau WHEC-722
NEGF	Unid USCGC
NEPP	USCGC Healy WAGB-20

NGDF	USCGC Munro WHEC-724
NKJU	USCGC Kukui WLB-203
NLPM	USCGC Chase WHEC-718
NLVS	USCGC Rush WHEC-723
NMAG	USCGC Hamilton WHEC-715
NMC	Communications Area Master Station Pacific (CAMSPAC) Point Reyes, California
NMC1	Coast Guard Island, Alameda, California
NMEL	USCGC Mellon WHEC-717
NNHA	USCGC Acushnet, WMEC-167
NOJ	Communications Station (COMSTA), Kodiak, Alaska
NRCB	USCGC Eagle, WIX-327
NRPX	USCGC Buttonwood WLB-306
NRTF	USCGC Active, WMEC-618
NRUC	USCGC Storis WMEC-38
NRUO	USCGC Polar Sea WAGB-11 (no longer equipped)
NSTF	USCGC Steadfast WMEC-625
NYCQ	USCGC Boutwell WHEC-719
NZNE	USCGC Walnut WLB-205 ***New Ident***
NZVE	USCGC Alert WMEC-630
NNN0CBS	USCGC Durable, WMEC-628
NNN0CCK	USCGC Bear WMEC-901
NNN0CEQ	USCGC Harriet Lane WMEC-903
NNN0CES	USCGC Gentian (WIX-290)
NNN0CFA	USNS Persistent (T-AGOS 6)
NNN0CLL	Unid USCGC
NNN0CMD	USCGC Mohawk WMEC-913
NNN0CME	USCGC Northland WMEC-904
NNN0CMS	USCGC Courageous WHEC-716
NNN0CMV	USCGC Tampa WMEC-902
NNN0CNW	Unid USCGC
NNN0CNY	USCGC Campbell WMEC-909
NNN0CNZ	USCGC Tahoma WMEC-908
NNN0CSA	USCGC Seneca WMEC-906
NNN0CSP	USCGC Spencer WMEC-905
NNN0CTB	USCGC Venturous WMEC-625
NNN0CVQ	USCGC Forward WMEC-911
NNN0CXK	USCGC Gallatin WHEC-721
NNN0CXS	USCGC Dallas WHEC-716
NNN0CYU	USCGC Vigilant WMEC-617
NNN0CZK	USCGC Vigorous WMEC-627
NNN0MDA	Atlantic Shore Station, Nazareth Pennsylvania (aka:
NNN0GKF)	
NNN0MDC	Atlantic Shore Station, HQ Navy & Marine Corps MARS, Washington DC (aka: NNN0NAV)
NNN0MDF	Atlantic Shore Station, Coast Guard HQ, Washington DC (aka: NNN0NCG)
NNN0MUC	Atlantic Shore Station
NNN0NXZ	USCGC Confidence WMEC-619
NNN0NZK	USCGC Dauntless WMEC-624

9th District HF Net

=====

Frequencies
 3163.4 5423.9 7530.0 7621.6 (might have replaced 7629.1) 8126.4
 9278.5 10373.6 11043.6

Station List

CGD9	Coast Guard District 9, Cleveland, Ohio
NODK	USCGC Bramble (WLB-392)
NODW	USCGC Sundew (WLB-404)
NODY	USCGC Acacia (WLB-406)
NRKP	USCGC Mackinaw (WAGB-83)
NRLX	USCGC Katmai Bay (WTGB-101)
NRLY	USCGC Bristol Bay (WTGB-102)
NRUR	USCGC Mobile Bay (WTGB-103)
NRUS	USCGC Biscayne Bay (WTGB-104)

NRUU USCGC Neah Bay (WTGB-105)

=====
*U.S. Navy
=====

ELF Communications System

=====
Frequencies: 76 Hz (primary) and 44 Hz (Secondary)
There are two transmit sites: Republic, Michigan and Clam Lake, Wisconsin. This is used as a bell ringer communication system to submarines.

Strategic Communications Wing One (SCW-1)

=====
6691.0 CA (7)
11187.0 CB (0)
17982.0 CC (9)
11264.0 CH (9)

Also check 11267.0, 13240.0 and 14615.0. References have been made on the air to designators CD, CE, CF, CG, CK and CL.

Ships Electronics Systems Evaluation Facility (SESEF)

=====
Point Loma, CA (USB): 2792.0
Mayport, FL (USB): 5745.0 10711.0
Barbers Point, HI (USB): 16087.0
Norfolk (Fort Storey), VA (USB): 7535.0 8150.0 10711.0
Ediz Hook, WA (USB): 3236.0
Yokosuka, Japan (USB): 5304.0

Fleet Area and Control Facility (FACSFAC)

=====
FACSFAC Virginia Capes, VA (USB) 2252.0

Strike Group Air Defense Networks

=====
Frequencies (USB):
3265.0

AFN HF Broadcast

=====
Update to current schedules for the US Navy AFN broadcast on their website and NPR. They indicate that the NPR broadcast schedule isn't correct and made a correction to the schedule for the Guam broadcast. Below is the accurate schedule for AFN shortwave transmissions. Switchover from night to day, etc is based on local time at the transmitter site.

Station	Daytime	Nighttime
Barrigada, Guam	13362.0	5765.0
Diego Garcia	12579.0	4319.0
Keflavik, Iceland	13855.0	13855.0
	7590.0	7590.0
Key West, Florida	12133.5	12133.5
	5446.5	5446.5
Pearl Harbor, Hawaii	10320.0	6350.0
Roosevelt Roads, PR	7507.5	7507.5
Sigonella, Sicily	4993.0	10940.5

The QSL@mediacen.navy.mil email address is still good for reception reports to get the AFN QSL letter for these broadcast.

=====
FOREIGN MILITARY SERVICES
+++++

*Argentina

=====
 3175.5 Navy LOR-Puerto Belgrano Baudot 170/75
 =====

*AUSTRALIA/NEW ZEALAND

=====
 Air Force - RAAF/RNZAF
 =====

The following information comes from the Enroute Supplement Australia (ERSA) a publication jointly published by the Royal Australian Air Force and Airservices Australia, February 26, 1998 edition, Nav/Comm 1.

1. The Royal Australian Air Force (RAAF/Royal New Zealand Air Force (RNZAF) Air Operations Communications System (AOCS) is a high frequency radio network providing communications services for the operational control of RAAF/RNZAF aircraft and HF equipped marine craft [army ground stations are also commonly heard]. In addition, visiting military aircraft may use the AOCS when contact with Australia/New Zealand military authorities is required. The AOCS is not part of, and does not provide, an air traffic control service, civil or military.

2. The AOCS network consist of six Air Operations Communications Centres (AOCCs) located at Sydney, Darwin, Townsville, Perth, Auckland [NZ] and Woodbourn [NZ]. The combined AOCS provides:

A. A General Purpose Net (GPN) on which all AOCCs guard the same three frequencies. All AOCCs can transmit and receive on these three frequencies simultaneously.

B. Discrete frequencies are available (if required) at each AOCC and allocated after initial contact on the GPN.

C. Telephone patch facilities between aircraft and ground appointments.

D. Continuous monitoring of military distress frequency 5696 kHz.

E. Selective Calling (SELCAL): Available to suitably equipped aircraft.

GPN Frequencies:

Day (2100-0900 UTC) 8974.0 11235.0 13206.0 kHz
 Night (0900-2100 UTC) 3032.0 5687.0 8974.0 kHz
 Military Distress 5696.0 kHz

The RAAF and RNZAF share 8974 with the Spanish Air Force, and 5687 with the Portugese and German military services.

Dscrete frequencies

RAAF Darwin: 6685.0 6709.0 6712.0 6727.0 6760.0 8968.0 8971.0
 8989.0 9025.0 11187.0 11199.0 11205.0 11271.0
 RAAF Perth: 6757.0 8977.0 9022.0 9025.0 11187.0 11271.0 15085.0
 18003.0 23203.0
 RAAF Sydney: 4715.0 5711.0 6730.0 6739.0 8971.0 8980.0 8989.0
 8992.0 9007.0 9019.0 9031.0 11202.0 11208.0 11226.0 11250.0
 13227.0 13245.0 13248.0 15067.0 17985.0
 RAAF Townsville: 5714.0 8971.0 8992.0 9007.0 11187.0 11247.0 15034.0
 RNZAF Auckland: 6754.0 6760.0 8965.0 9010.0 9025.0 11178.0 11217.0
 11247.0 13212.0 13233.0 13245.0 15044.0 15055.0

AOCS Callsigns

Location	Voice Callsign
ASAOCS/NZAOCS Collective	Air Force ANZAC
ASAOCS Collective	Air Force Australia
NZAOCS Collective	Air Force New Zealand
AOCC Auckland	Air Force Auckland
AOCC Darwin	Air Force Darwin
AOCC Perth	Air Force Perth
AOCC Sydney	Air Force Sydney
AOCC Townsville	Air Force Townsville

Australian Navy

=====

WUN-v10

From an article on the Royal Australian Navy in the WUN newsletter:
Stations include: Canberra Control/Darwin Control/Exmouth Control/Perth
Control/Townsville Control

2768.0 A1
4375.0 A2
6510.0 A3
8122.0 A4
13116.0 A5
17344.0 A6
22708.0 A7/C5 (Tentative)

New Zealand Navy

=====
Auckland (USB): 3192.0 8316.5

=====
*Bahamas

=====
Bahamas Defense Forces
Frequency: 8156.0 (USB)
Station List
C6WWH C6R2066 C6R2067

=====
*BELGIUM

=====
Air Force

=====
Ground Station: Melsbroek (ONY)

3131.0 YA
4745.0 YD
6748.0 YF
8989.0 YG (Primary)
11268.0 YJ
15010.0 YM
18006.0 YO
18021.0 YP
20050.0 YQ
23332.0 YS

=====
*Brazil

=====
Air Force

=====
USB/ALE: 9010.0 13224.0 13972.0 17982.0

Stations:

Manaus

ALE Addresses:

Antares Bandeirantes Cerrado Hermes IndiaVictor Jupiter RDSGC
Saturino Scorpius Tamoio Tribo

Navy

=====
USB/ALE: 8031.0 9117.0 9306.0 11010.0 11452.0 11455.0 11486.0
11530.0 12132.0 12370.0 12437.0 13224.0 14705.0 14780.0 15932.0
19709.0 kHz

Shore Stations:

ERMBEL Belem
ERMNAT Natal
ERMRI0 Estação Rádio da Marinha em Rio de Janeiro

Ships:

FDEFEN Frigate DEFENSERO F-41
 FCONST Frigate CONSTITUIÇÃO F-42 (Classe NITERÓI)
 FUNIAO Frigate F-45 UNIÃO (Classe NITERÓI)
 NDDCEA CEARÁ G-30(Navios de Desembarque-Doca)
 NEBRSL BRASIL U-27(Navio-Escola)

USB/ALE: 9117.0 13224.0 13972.0

BR1 Brasilia (VII Naval District)[tentative]
 CE1 Ceara (Naval Port)[tentative] or Fortaleza
 MS1 Manaus (Commando Naval do Amazona Occidental)[tentative]
 PE1 Sao Pedro de Aldeia (Naval Air Base)[tentative]
 RS1 Unidentified
 RS2 Unidentified
 RS3 Unidentified
 SMA Unidentified

=====
 *Canada
 =====

Canadian Forces (CanForce)
 =====

Military Aeronautical Communications System (MACS)
 =====

3047.0 MACS Net: Edmonton, Halifax, Trenton
 3092.0 MACS Net: Edmonton, St. John's, Trenton
 4379.0 CanForce Discrete: Halifax
 4560.0 Maritime Command Net: Halifax, St John's (A6A)
 4703.0 MACS Net: Edmonton, St. John's, Trenton
 4739.0 AAR Net: Halifax, St John's
 5198.5 Maritime Command Net: Halifax (A2B)
 5684.0 St John's, Vancouver
 5699.0 CanForce Discrete (Pipeline/Gonzo aircraft)
 5702.0 Vancouver
 5714.0 MACS Net: Edmonton, St. John's, Trenton
 5717.0 SAR Net: Halifax, St. John's, Trenton, Vancouver-Pri
 5850.0 Halifax Maritime Air Group (D1B)
 6694.0 Halifax, Vancouver (D6G)
 6706.0 MACS Net: Edmonton, St. John's, Trenton
 6712.0 CanForce Discrete (Pipeline/Gonzo aircraft)
 6715.0 SAR Net: Halifax, Trenton, Vancouver (D3H)
 6745.0 MACS Net: Edmonton, Trenton
 6751.0 Halifax, Vancouver, SIDECAR (NORAD)
 6754.0 MACS VOLMET: Edmonton, St. John's, Trenton
 8050.0 CanForce Discrete: Trenton (poss CanForce ALE activity here)
 8989.0 MACS Net: Edmonton, Trenton (Initial contact freq when
 aircraft is west of 90 deg west)(D1H)
 8992.0 CanForce Discrete: Trenton
 9007.0 MACS Net: Edmonton, St. John's, Trenton (Initial contact
 freq when aircraft is east of 90 deg west)
 9010.0 CanForce Discrete: Vancouver
 9023.0 NORAD: Trenton (C5)
 9031.0 CanForce Discrete (Pipeline/Gonzo aircraft)
 10194.0 CanForce Discrete: Trenton (US/Canadian Ground/AWACS
 Discrete)
 11007.5 CanForce Discrete: Trenton (US/Canadian Ground/AWACS
 Discrete)
 11190.0 CanForce Discrete (Pipeline/Gonzo aircraft)
 11205.0 CanForce Discrete: Halifax working VDD, Trenton
 11214.0 NORAD: Trenton (NORAD/MACS discrete- C6)
 11232.0 MACS Net: Alert, Edmonton, Halifax, St, John's,
 Trenton, Yellowknife(Initial contact freq when aircraft is east of
 90 deg west)
 11265.0 MACS Net: Edmonton, Trenton
 11271.0 MACS Net: Edmonton, Trenton (Initial contact freq when
 aircraft is west of 90 deg west)
 13206.0 CanForce Discrete: Trenton

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13257.0 Foxtrot MACS Net: Edmonton, St. John's, Trenton
14364.0 CanForce Discrete: Trenton (US/Canadian Ground/AWACS
Discrete)
15031.0 MACS Net: Edmonton, St. John's, Trenton
15034.0 MACS VOLMET: Edmonton, St. John's, Trenton
17994.0 MACS Net: Edmonton, St. John's, Trenton
18000.0 CanForce discrete: Halifax
18012.0 MACS Net: Edmonton, St. John's, Trenton
18027.0 NORAD: Halifax, Edmonton (C8)
23250.0 MACS Net: Trenton
23271.0 CanForce Discrete: Trenton (US/Canadian Ground/AWACS
Discrete)

Note: Frequency designators indicated above have not been reported in quite some time. More than likely CANFORCE has dropped the use of frequency designators. Other observations are welcomed.

Digital Communications

=====
CFH RTTY: 4271.0

CFH Halifax Military, NS (supports SAR coordination requirements for Halifax Rescue Coordination Center-RCC)
CHR Trenton Military, ON
CJU Vancouver Military, BC (supports SAR coordination requirements for the Victoria Rescue Coordination Center-RCC)
CJX St. John's Military, NF
CKN Vancouver Military, BC
VXA Edmonton Military, AB

Canadian Military Communications

=====
ALE Network
Frequencies: 6925.0 6980.0 7600.0 8050.0 10000.0 11402.0 11605.0
12185.0
Stations:
VDE
VDD Debert, NS
VEX Penhold, AB

Canadian Forces/NORAD Charlie Designators

=====
Note: other than those listed above
4721.0 C1
6735.0 C2
6750.0 C3
8967.0 or 8968.0 C4
13206.0 or 13207.0 C7

Canadian Forces Affiliate Radio System (CFARS)

=====
CFARS is the Canadian Forces Affiliate Radio System which is equivalent to the United States Military Affiliate Radio System (MARS) program. CFARS stations are located at various United Nations peace-keeping operations around the world and operate amateur radio equipment that provides phonepatches for service personnel to their families. They are also to be found on Navy and Coast Guard ships.

6978.5 Alpha
14386.0 Bravo
14460.0 Charlie
14463.0 Delta
14446.5 Echo
20971.5 Foxtrot
20963.5 Golf
29715.0 Hotel
14454.0 Juliet
14449.5 Kilo

20977.5 Lima
13954.0 Mike
6982.5 Whiskey
6962.5 X-ray
4052.5 Yankee
4023.5 Zulu

Thanks to the Northern Alberta Radio Club (<http://narc.net>) for the above information.

=====
*Chile
=====

Navy
=====

LSB/ALE: 9818.0 12103.0
ALE Addresses: FLC TAC

=====
*Czech Republic
=====

Military Net (CW) 2362.0

=====
*Denmark
=====

Air Force
=====

Danish Air Force ALE net uses the MIL-STD 188-141A

- 2250.0 OWC/OWD/OWE/OWF/OWI/OWK/OWP/OWU/OYG (U12/ALE)
- 2296.0 OWB (L96-Alternate Night)
- 2531.0 OWF/OWI/OWK/OWP (ALE)
- 3023.0 OWB (Alternate)
- 3053.0 OWB (L18-Primary Day)
- 3291.0 OWD/OWE
- 4577.0 OWB (F18-Alternate Day)
- 4703.0 OWB/OWD/OWE (V26-Alternate)
- 4756.5 OWD/OWE
- 4840.0 OWC/OWD/OWE/OWF/OWI/OWK/OWP/OWU (ALE)
- 5120.0 OUY/OWC/OWD/OWE/OWF/OWI/OWK/OWP/OWU (ALE)
- 6630.0 OWD/OWE
- 6651.0 OWB (K19-Primary Day)
- 6730.0 OWD/OWE (P75)
- 6770.0 OWB (Alternate)
- 6834.0 OWB (Alternate)
- 9034.0 OWD/OWE (R27)
- 9933.0 OWE/OWF (ALE)
- 11076.0 OWI/OWJ (ALE)
- 11217.0 OWD/OWE
- 11244.0 OWD/OWE (A10)
- 11468.0 OWE/OWG (ALE)
- 12186.0 OWE/OWG/OWP (ALE)
- 13435.0 OWD/OWE/OWG/OWP (ALE)
- 13455.0 OWI (ALE)
- 15043.0 OWD/OWE (A11)
- 15820.0 OWC/OWE/OWF/OWG/OWI/OWK/OWP (ALE)
- 16280.0 OWD/OWG (ALE)
- 16327.0 OWF/OWG/OWU (ALE)

OYU Unknown
OWB RCC Karup, voice call: Karup Rescue
OWC Unknown
OWD FSN Vaerloose, voice call: Saloon
OWE FTK Karup, Voice call Primrose
OWF AF Skrydstrup

OWG AF Vandel
 OWI AF Air Base Aalborg
 OWJ AF Tirstrup (tentative ID)
 OWK AF Headquarters Vedbaek
 OWP Unknown
 OWU Unknown
 OYG Mestersvyg, Greenland

The SAR services at Karup also use the worldwide allocations of 2182 and 5680. Another frequency in this system may be 13540. Frequency designators from the Dansk Scanner Information website (<http://www.dkscan.dk>). Station identifiers courtesy of Ary Boender.

Navy

=====
 4637.0 (CW)
 OUA Stevns, Denmark
 OVC Groennedal, Greenland
 OVG Unknown
 OVK Aarhus (Navy)

18281.0 Warships working OVK (CW and 75 baud RTTY)

=====
 *Ecuador

Navy

=====
 Noted during June 03 UNITAS-03 exercise
 Freq: 7900.0 USB/ALE

ALE Addresses:

COOPNA Naval Operations Command (Comando Operaciones Navale)
 CFF Commander Frigate Force (Comando Fuerza Frigata)
 CORMAN Corbeta Manabi (CM 12)
 CORGAL Corbeta Los Galapagos (CM 15)
 CORORO Corbeta El Oro (CM-14)
 CORESM Corbeta Esmeraldas (CM 11)
 LAMCUE Launcha Missileria Cuenca (LM 24)
 HALCON Type B 119 class PG "Halcon"

=====
 *France

Air Force

=====
 French Air Force Circus HF radio network
 6869.0 Veilleur-Taverny working AWACS aircraft USB/Secure voice
 6712.0 Marjolaine 2
 8972.0 Racontar 1
 8992.0 Vinaigrette 3
 13236.0 Reconfort 3 (Raphael?)
 14587.0 Unknown
 18012.0 Citadelle 1
 23254.0 Veritee 3
 ? Citadelle 3
 143.800 MHz (AM mode) Canasta

Circus Blanc Bangui, Central Africa Republic
 Circus Bleu Le Reunion, Reunion Island
 Circus Bonne Bordeaux, France
 Circus Citron Cayenne, French Guyana
 Circus Corail Corfu/Taveaux, Greece
 Circus Diamant Dole/Taveaux, France
 Circus Dore Djibouti
 Circus Ebene Evreux, France

Circus Fraise Fort de France, Martinique
 Circus Lilas Libreville, Gabon
 Circus Noir Noumea, New Caledonia
 Circus Ocre Orleans, France
 Circus Orange Dakar, Senegal
 Circus Tango Toulouse/Franczal
 Circus Tilleul N'djamena, Chad
 Circus Vert CFAP Headquarters, Villacoublay, France
 Circus Villa Villacoublay, France

French Air Force Strategic Missions
 Capitol COFAS Headquarters Taverny
 Frequency: 6688.0 8976.0 kHz

Digital Net

=====

3157.9 FDI8-Nice, France Baudot 400/50R
 4042.0 FDG-Bordeaux, France Baudot ?/50
 4212.5 FDI8-Nice, France CW
 4449.9 FDI8-Nice, France CW
 4596.0 FDC-Metz, France CW
 5214.5 FDG-Bordeaux, France ?/50 baud
 5367.0 FDI8-Nice, France Baudot 85/50
 5446.5 FDC-Metz, France Baudot ?/50
 7850.0 FDI8-Nice, France CW
 7859.0 FDY-Orleans, France Baudot ?/50 baud
 10671.0 FDG-Bordeaux, France CW
 10912.0 FDI8-Nice, France CW
 10996.0 FDI22-Narbonne CW

Navy

=====

Warship Frequencies

2214.0 FUC on 2780.0
 2259.0 FUE on 2789.0
 4165.6 FUE on 4295.0
 6259.0 FUE on 6348.0
 8310.6 FUV on 8568.0
 8314.6 FUF on 8478.5
 8330.6 FUG on 8453.0 (75 or 150 baud)
 8334.6 FUX on 8475.5
 12369.0 6WW on 12857.0
 12374.6 FUX on 12691.0
 12398.6 FUV on 13042.5 (may use 75 or 150 baud)
 12402.5 FUF on 13031.2
 12410.6 FUG on 12666.5 (150 baud)
 16559.6 FUF on 16961.5
 16595.6 FUV on 16904.9
 16598.0 6WW on 16951.5
 16607.6 FUG on 17180.0 (75 or 150 baud)

Miscellaneous Frequencies

2436.0 French Navy-Mediterranean USB
 3107.0 French Navy-Atlantic (callsign Armor) USB
 3896.0 French Navy-Mediterranean USB
 5708.0 French Navy-Atlantic (callsign Armor) USB
 6760.0 Tactical calls (callsign whiskey Alpha) tentative (USB)

RTTY Net

2608.0 FUG RTTY 850/75
 4232.0 FUF RTTY 850/75
 6348.0 HWN ITA2/150/UOS encrypted
 FUE ITA150
 8300.0 6WW RTTY 850/75
 8453.9 FUG RTTY 850/75
 8475.5 FUX RTTY 850/75
 8479.0 FUF RTTY 850/75
 10282.0 FUG RTTY 850/75 and 170/75

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10310.6 TLFUO-Toulon c1g 1TLFUF-Fort de France USB/MIL-STD 188-141A
10918.6 6Ww RTTY 425/50
12666.5 FUG RTTY 860/75
12690.7 RFVIE-Le Port Baudot 850/75
12857.0 6Ww Baudot 850/75
13032.0 FUF RTTY 850/75
13042.0 FUV RTTY 850/150
13444.2 RFQP-Djibouti ARQ-E3 400/100
13944.0 RFQP-Djibouti ARQ-E3 400/100
13986.7 RFFA-MOD Paris ARQ-E3 192bd
14585.7 RFPTC-N'Djamena Arq-E3 400/200
16905.0 FUV Baudot 850/75
16915.0 RFVIE-Le Port, Reunion Baudot 850/75
16951.6 6Ww RTTY 850/75
16961.5 FUF Baudot 850/75
19216.7 RFLI-Fort de France, Martinique ARQ-E3 380/192 and ARQ-E3
96 bd
19951.5 6Ww Baudot 850/75
20555.0 RFFX-MOD Paris ARQ-E3 184.6bd

Station List:

6Ww Dakar, Senegal
FUC Location Unknown
FUE Brest, France
FUF Fort de France, Martinique
FUG La Regine, France
FUO Toulon, France
FUV Djibouti, Djibouti
FUX Le Port, Reunion Island

=====
*Germany

=====
Air Force

=====
Update courtesy of Andreas Heymann.

Air-to-Ground Network

=====
3107.0 Alpha
3143.0 Bravo
3903.0 Charlie
4721.0 Delta
5687.0 Echo (Primary net frequency)
5717.0 Foxtrot
6700.0 Golf
6715.0 Hotel
6730.0 India
6751.0 Juliet
8965.0 Kilo
9025.0 Lima
11217.0 Mike
11265.0 November
13203.0 Oscar
13233.0 Papa
15073.0 Quebec
17973.0 Romeo
17991.0 Sierra
18012.0 Tango
23201.0 Uniform
23215.0 Victor (may be 23231, comments please)
23255.0 Whisky
23318.0 X-ray
23341.0 Yankee
23345.0 Zulu
29724.0 Alpha-Bravo

WUN-v10

Note: These frequencies are used by DHM91 Munster German Air Force Transport Command headquarters in northern Germany. The primary frequency in this network appears to be Echo on 5687. Stations have been heard discussing frequencies AA, AC, AF and AJ which carry encrypted RTTY transmissions.

Digital System

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DASA/EADS-MAHRS 2400 bd burst PSK/STANAG 4285: 6949.0 6958.5 7543.0

7630.0 7729.0 7810.0 7814.0 7823.0 7995.0 8070.0 8139.0 9051.0

10926.5 11136.5 12273.0 13502.0 14613.5

**Navy

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2265.9 RTTY-DHJ58

2625.0 USB-DHJ59 MRL 59/02

3056.0 USB/RTTY-DHJ78/DHJ59 MATELO ARCN

3116.0 USB-DHJ59 MATELO ARCN

3122.0 USB/RTTY-DHJ58/DHM42 (Glücksburg Rescue)

3590.0 RTTY-DHJ58

3653.0 RTTY-DHJ58

3718.6 RTTY-DHJ58

4047.9 RTTY-DHJ58

4154.3 USB/3 channel VFT-DHJ59 MRL 59/04

4356.6 USB/RTTY-DHJ58

4424.4 RTTY-DHJ58

6727.0 USB/RTTY-DHJ59 MATELO ARCN

6730.0 USB/RTTY-DHJ59 MATELO ARCN 405

6779.0 USB-DHJ59 MRL 59/06

8335.3 USB/3 channel VFT-DHJ59 MRL 59/08

10192.5 USB/RTTY-DHJ59 MRL 59/10

10206.2 USB/Stanag 4285 2400bd PSK-DHJ58 MRL 58/10

10711.0 USB/RTTY

10722.0 USB/RTTY-DHJ59 MRL 59/11

11090.0 USB/RTTY F-63

11235.0 USB-DHJ78

11256.0 USB/RTTY-DHJ59 MATELO ARCN

12178.0 USB/RTTY-DHJ59 MRL 59/12

12415.3 USB/3 channel VFT-DHJ59 MRL 59/13

14722.0 RTTY PSK 600 baud

15929.0 USB/RTTY-DHJ59 MRL 59/15

16129.0 USB/RTTY-DHJ58 MRL 58/16

17544.0 USB-DHJ59 MRL 59/17

17994.0 USB/RTTY-DHJ59 MATELO ARCN

22238.5 USB-DHJ59 MRL 59/23

23744.0 USB-DHJ59 MRL 59/25

Callsign	Unit	Place
DHJ23	NORTHAG	Mönchengladbach
DHJ36	NORTHAG	Mönchengladbach
DHJ37	CENTAG	Heidelberg
DHJ38	Fm/EloAufklRgt 220	Donauwörth
DHJ39	Heeresamt	Köln
DHJ40	HFlgBrig 3	Mendig
DHJ41	LTG 61 FÜGrp 1	Landsberg
DHJ42	LTG 61 FÜGrp 2	Landsberg
DHJ43	JaBoG 32	Lechfeld
DHJ44	III. Korps	Koblenz
DHJ46	I. CATAC et FAFA	Lahr
DHJ47	2. ATAF	Mönchengladbach
DHJ48	4. ATAF	Ramstein
DHJ49	BMVg	Bonn / Berlin
DHJ50	I. Korps	Münster
DHJ51	AfwG	St. Adelgund - Hochheid
DHJ53	MstpKdo	Warnemünde
DHJ54	MarA Landtestanlage	Bremen-Vegesack
DHJ55	HQ 7th (US) Army	Heidelberg

DHJ56	FüUstBrig 900	Rheinbach
DHJ57	Range Naval Radio	Schönhagen
DHJ58	MFmZ - MFmGrp 11	Glücksburg
DHJ59	MFmZ - MFmGrp 21	wilhelmshaven - Sengwarden
DHJ60	KdoTrpVersM Abt. FÜMi	Eckernförde
DHJ61	MFmS	Flensburg
DHJ62	Naval Port Radio	Neustadt i.H.
DHJ63	Range Naval Radio	Todendorf
DHJ64	DTA MND (C)	Mönchengladbach
DHJ65	UKdo 8	Zweibrücken
DHJ66	Submarine Naval Radio	Eckernförde
DHJ67	HöHkdoBeh LW GefSt	Köln
DHJ68	HQ CINCUSAFE	Wiesbaden
DHJ69	JaBOG 31	Nörvenich
DHJ70	MUKdo	wilhelmshaven
DHJ72	4. ATAF	Kindsbach
DHJ73	II. GE/US Korps	Ulm
DHJ74	Kdo 2. LwDiv	Birkenfeld
DHJ75	WBK III / 7. PzDiv	Düsseldorf
DHJ76	MFG 5 Airbase	Kiel-Holtenau
DHJ77	HfFlgRgt 35	Mendig
DHJ78	MFG 3 Airbase	Nordholz
DHJ80	WBK IV / 5. PzDiv	Mainz
DHJ81	PzLehrBrig 9	Munster
DHJ82	Naval Port Radio	Parow
DHJ83	HöHkdoBeh LW GefSt	Köln
DHJ84	Naval Radio	Wangerooge
DHJ85	PiBrig 20	Minden
DHJ86	Deutscher Wetterdienst - MilZentr.	Offenbach
DHJ87	TerKdo Nord	Mönchengladbach
DHJ88	Afwg	Limsdorf
DHJ89	PzBrig 23	Augustdorf
DHJ90	LwUstGrpKdo Nord	Münster
DHJ91	British Army Of The Rhine (BAOR)	Mönchengladbach
DHJ92	CCFFA	Baden - Oos
DHJ93	CENTAG	Pirmasens
DHJ94	4. RCAF Fighter wing	Söllingen
DHJ95	WBK VI / 1. GebDiv	München
DHJ96	3. RCAF Fighter wing	Zweibrücken
DHJ97	Sammelruf --> ALLE Funkstellen des aktuellen Kreises	
DHJ98	JaBOG 33	Büchel
DHJ99	KdoTrpVersM - Testsendungen	
DHM21	Naval Radio	Staberhuk
DHM22	MOS	Bremerhaven
DHM23	HfFlgRgt 26	Roth
DHM24	FüUstBrig 4	Berlin
DHM25	LTrspKdo - FüUstGrp	Münster
DHM27	PzGrenBrig 41	Eggesin
DHM30	SOC	Brokzetal
DHM31	Naval Radio	List / Sylt
DHM33	MARSbetrb	Kiel
DHM35	Jachmannbrücke Radio (MARSbetrb)	wilhelmshaven
DHM36	KdoMFüSys	wilhelmshaven
DHM37	SOC	Uedem - Kalkar
DHM39	PzGrenBrig 38	weißenfels
DHM41	MWas	Kappeln Ellenberg
DHM42	Naval Radio	Glücksburg
DHM43	IV. Korps	
DHM44	GeophysBLtSt Süd	Fürstenfeldbruck
DHM45	MFmStab 70	Flensburg
DHM46	WBK V / 10. PzDiv	Sigmaringen
DHM47	2. ATAF Air Base	weeze - Laarbruch
DHM49	LogBrig 4	Unna
DHM50	LogBrig 2	Germersheim
DHM52	SanBrig 4	Fritzlar
DHM53	HfFlgRgt 36	Fritzlar
DHM54	LwKdo Süd	Meßstetten
DHM55	WBK II / 1. PzDiv	Hannover

DHM56 WBK VII / 13. PzGrenDiv
 DHM57 HFlgRgt 15 Rheine
 DHM58 1. CanAirDiv Lahr
 DHM60 KLK / 4. Div Regensburg
 DHM61 PzGrenBrig 1 / VBK 22 Hildesheim
 DHM62 CINCENT Erbeskopf
 DHM64 Naval Radio Darßer Ort
 DHM65 MFuSst Dollerup
 DHM66 MFuSst Friedrichsort
 DHM67 MFuSst Hürup
 DHM68 Frankenberg
 DHM70 MFuSst Schortens
 DHM71 PzBrig 18 Oldenburg
 DHM72 GeophysBltSt Nord Niederseik
 DHM74 LLBrig 31 Oldenburg
 DHM75 MFuEST Lütjenholm
 DHM76 MFuEST Wittmund-Harlesiel
 DHM79 Sammelanruf I. D/NL Korps
 DHM82 Forschungsanstalt der Bw für wasserschall u. Geophys Kiel
 DHM85 MFuSst Marlow
 DHM88 FmABw bzw. AFmISBW Rheinbach
 DHM89 2. ATAF Air Base Brüggen - Bracht
 DHM90 Comms Group Lahr
 DHM91 LTrspkdo - Leitfunkstelle Münster
 DHM92 Sammelanruf II. Korps
 DHM95 1. Wing RCAF Lahr
 DHM97 NL Army Dillingen
 DHN21 2. ATAF Rheindahlen
 DHN22 2. ATAF Rheindahlen
 DHN23 WBK VIII / 14. PzGrenDiv
 DHN24 PiBrig 40 / VBK 41 Lahnstein
 DHN31 Jagdgeschwader 71 Wittmundhafen
 DHN41 GebJgBrig 23 Bad Reichenhall
 DHN43 PzGrenBrig 37 Frankenberg
 DHN44 Jagdgeschwader 74 Neuburg
 DHN45 PzGrenBrig 32 Schwanewede
 DHN46 SanBrig 2 Ulm
 DHN49 KrvtlSt bei MUKdo wilhelmshaven
 DHN51 HFlgRgt 30 Niederstetten
 DHN53 Naval Port Radio wilhelmshaven
 DHN54 Fm / EloAufklRgt 320 Frankenberg
 DHN55 UKdo 9 Philippsburg
 DHN60 LwFükdo Köln-wahn
 DHN61 DTA LANDCENT Heidelberg
 DHN62 DTA ARRC Mönchengladbach
 DHN63 PzGrenBrig 19 / VBK 33 Ahlen
 DHN64 PzBrig 12 Amberg
 DHN65 FmBtl 950 "Radio Andernach" Andernach
 DHN66 NATO AEW Force Command Geilenkirchen
 DHN67 FmRgt 920 Kastellaun
 DHN68 St / FmRgt 310 Koblenz
 DHN69 HFlgRgt 16 Celle
 DHN70 FmRgt 990 LANDCENT Essen
 DHN71 HFlgRgt 25 Laupheim
 DHN72 HFlgRgt 6 Hohenlockstedt
 DHN79 Erprobungsstelle der Bundeswehr 61 Manching
 DHN81 PzGrenBrig 30 Ellwangen
 DHN82 Marineunterwasserortungsstelle Fehmarn Marienleuchte
 DHN83 HFlgRgt 10 Fassberg
 DHN84 PzBrig 14 Neustadt
 DHN85 PzGrenBrig 5 Homberg - Efze
 DHN90 PzGrenBrig 40 / VBK 86 Schwerin
 DHN92 LwKdo Nord Kalkar
 DHN95 PzBrig 39 / VBK 71 Erfurt
 DHN99 Fm / EloAufklRgt 940 Daun
 DHO21 LLBrig 26 saarlouis
 DHO22 Aufklärungsgeschwader 51 Jagel - Kropp (Schleswig)
 DHO23 LTrspGeschw 51 Landsberg

WUN-v10

DH024 LTrspGeschw 63 FüGrp Hohn (Rendsburg)
 DH027 JaBoG 49 Fürstenfeldbruck
 DH028 JaBoG 35 Pferdsfeld
 DH031 JaBoG 34 Memmingen
 DH032 LTrspGeschw 62 Wunstorf
 DH035 MFG 2 Funkstelle Eggebeck (Tarp)
 DH036 Flugbereitschaft der Lw beim BMVg Bonn / Berlin
 DH037 LTrspGeschw 62 FüGrp 1 Wunstorf
 DH038 MFuSSt Saterland-Ramsloh
 DH039 LTrspGeschw 62 FüGrp 2 Wunstorf
 DH041 NL Air Staff HQ Hesepe
 DH042 Fm / EloAufklBrig 94 Daun
 DH043 Kdo 4. LwDiv Aurich
 DH045 PiBrig 10 Schleswig
 DH046 Naval Radio Olpenitz
 DH047 SanBrig 1 Leer
 DH048 LogBrig 1 Lingen / Ems
 DH049 PiBrig 30 Hilden
 DH054 Fernmeldebereich 70 Trier
 DH059 PzBrig 36 / VBK 64 Veitshöchheim
 DH060 LTrspGeschw 63 Hohn (Rendsburg)
 DH061 Pionierschule FSH BauT Percha
 DH063 4. NLDiv Bergen-Hohne
 DH064 PiBrig 50 Bogen
 DH065 LLBrig 25 Calw
 DH066 Naval Air Operations Center Glücksburg
 DH067 PiLehrBrig 60 Ingolstadt
 DH069 Naval Radio Eckernförde
 DH070 PzBrig 34 Diez
 DH071 Naval Radio Arkona
 DH073 Naval Radio Marienleuchte
 DH074 1. NL Korps Seedorf (Zeven)
 DH075 Sammelrufzeichen Lufttransportkommando (Collective callsign
 for all the three Air Transport wings)
 DH076 DTA LANDJUT Rendsburg
 DH077 JaBoG 36 Rheine - Hopsten
 DH078 Kdo 3. LwDiv / GAFSC "N" Gatow
 DH079 Naval Radio Helgoland
 DH080 Naval Port Radio Olpenitz
 DH081 Naval Radio Borkum
 DH082 PzBrig 42 / VBK 84 Potsdam
 DH083 WBK I / 6. PzGrenDiv Kiel
 DH085 UKdo 4 Diez
 DH091 Kdo 1. LwDiv / GAFSC "S" Karlsruhe
 DH092 FüUstBrig 2 Ulm
 DH095 Naval Radio Sahlenburg
 DH099 I. BEL Corps Köln-weiden

=====
 *Israel

=====
 Air Force

=====
 Frequencies (USB/ALE):

5418.0 6840.0 7630.0 7780.0 8100.0 8220.0 8858.0 9227.0 10190.0
 10304.0 10614.0 11491.0 12143.0

Navy (4XZ)

=====
 Frequencies (CW):

2800.0 4241.0 4331.0 5159.0 8101.0 12984.0

=====
 *Italy

=====
 Air Force

IGN-Rome? (USB)
10280.0 tactical paired with 6788.0 (Kosovo Relief Ops)

IEY55/IEY56
11272.0 (USB)

Navy

=====

Frequencies (All USB)

IBO Unknown 4530.0
ICM Sigonella 6693.0 6703.0 6752.0 6755.0 8982.0
ICS La Spezia 4438.5 6873.5
ICT Taranto 4474.0
IDR Rome 2270.2 2285.5 3131.0 3146.0 4721.0 5330.0 6205.5 6433.0
6688.0 6708.0 6733.0 6760.0 6880.0 8715.2 8977.0 8981.0 10498.2
10605.7 11250.0 12238.5 12382.0 12471.7 13216.0 13254.0 13455.2
IGJ Augusta 2274.5 3827.0 4168.5 4745.0 8302.5
IGN Unknown 6788.0
IGY Unknown 2272.5 6733.0
INY NATO Unknown 10315.0

CARB Broadcast IGJ/IDR (RTTY)
2463.1 4214.2 8150.8 8429.5

=====

*Lithuania

=====

Military (USB/ALE) 2710.0

=====

*Mexico

=====

Courtesy of Ron Perron and frequency/address updates by Hugh Stegman

Army

=====

Frequencies (All USB)

4650.0 5252.0 5263.0 6955.0 7777.0 8047.0 8050.0 8084.0 9025.0
9060.0 10135.0 10444.0

ALE Identifiers:

My monitoring indicates that there are at least five categories/ groupings of ALE identifiers used on Mexican Army nets.

Animals 5252.0 5263.0 7777.0 8050.0 10135.0 10444.0
Chacal Jaguar Leon (Lion) Lobito (small wolf?) Pantera (Panther)
Puma Tigre

Countries 9060.0

Espana Espartaco Israel

Minerals/Jewels 4650.0 7777.0 8047.0 8084.0 9060.0 10135.0 10444.0
Acero (chrome steel) Aluminio (aluminum) Cobre (copper) Diamante
(diamond) J5 Jade Zeta(?)

Miscellaneous 8050.0 10135.0

123 Ganzo (?--possible garble)

Planets 6955.0 9025.0 10135.0

Marte (Mars) Tierra (Earth) Universo (Universe) Urano (Uranus) Venus

Regional Net 4650.0 7777.0 9060.0

RM5 RM7 RM9 RM10 RM13 RM16 RM17

=====

*NATO

=====

DHN66 NATO Geilenkirchen

WUN-v10

3089.0 Channel A01
3900.0 Channel A02
6691.0 Channel A03 (Secondary)
8980.0 Channel A04
10172.0 Channel A05
10315.0 Channel A06 (Primary)
10429.0 Channel A07
11229.0 Channel A08
? Channel A09
? Channel A10
18009.0 Channel A11

The following frequencies have also been heard with NATO AWACS type traffic, but any possible designators are not known: 4542.0 4758.0 6700.0 6760.0 6762.5 8971.0 8986.0 12165.0 23241.0

=====
*Netherlands
=====

Air Force
=====

Frequencies: 3990.0 4450.0 5086.0 5406.5 8086.0
Bandbox Nieuw Milligan (CRC Radar Control)

Army
=====

2274.0 USB
2275.5 RTTY
2954.0 USB
2955.5 RTTY
3305.5 USB
3306.5 RTTY
3813.5 USB
3815.0 RTTY
4762.0 USB
4763.5 RTTY
4766.0 USB
4777.5 RTTY
5032.5 USB
5034.0 RTTY
5052.5 USB
5054.0 RTTY
5115.0 USB
5116.5 RTTY
5133.5 USB
5135.0 RTTY
5144.5 USB
5146.0 RTTY
5323.5 USB
5325.0 RTTY
5388.5 USB
5390.0 RTTY
5768.5 USB
5770.0 RTTY

SFOR deployment

Mode: USB Freqs: 2552.5 and 4522.5 kHz

Coast Guard
=====

06550.0 Netherlands Coastguard (also in Den Helder) with Coast Guard
ships and planes.

Callsigns

PBDO vessel "Zeearend"

WUN-v10

Coastguard 01 Dornier DO 228 Coastguard Plane
Coastguard 02 Westland Lynx Navy helikopter
Coastguard 03 Orion P-3C Navy Airplane
Coastguard 04 Police Helicopter
Coastguard 05 Police Plane
Den Helder Rescue RCC
Pedro 2/4/6 Westland Lynx Navy helikopter
Pluto 1/3/5 Orion P-3C Navy patrouille vliegtuig

Navy

=====

Warship frequencies (to stations PBB/PBC)

2121.4 Channel 02A
2259.4 Channel 02B
4155.0 Channel 04A
4161.0 Channel 04B
4171.5 Channel 04C
6237.5 Channel 06A
6242.0 Channel 06B
8321.0 Channel 08A
8324.0 Channel 08B
8337.5 Channel 08C
12375.5 Channel 12B
16576.0 Channel 17B

PBV NAS Valkenburg

Frequencies: 3128.0 5705.0 8971.0 11178.0

Navy Den Helder "De Kooy"

Ship-to-Shore: 2204.0

Air-to-Ground (Helicopter): 2753.0

PBB CARBs broadcast: 3764.4

PBB RTTY Marker: 2845.0

PBC RTTY Marker: 2474.0

Caribbean Operations Frequencies:

8199.6 PJC

11178.0 PJK

CARB Broadcast

PBB: 6483

PBC: 6358.5 8439 12840.7

PBB Navy Den Helder

PBC Goeree Island

PBV NAS Valkenburg

PJC NRN Hato Curacao (Counter-Narco Ops)

PJK Suffisant Curacao (ASW Operations)

=====
*Papua New Guinea
=====

Defense Force

=====

General Purpose Net Frequencies (GPN):

3175.0 LGF Secondary

5746.0 LGG Primary

7496.0 LGH Secondary

Location Callsign

Port Moresby P2A2

Lae P2A3

Defense Force Patrol Boats:

5267.0 7587.0 7767.0 8146.0 9240.0

*Portugal

=====

Air Force

=====

Known frequencies (USB):

5687.0 6685.0 8992.0 9007.0

*Russia

=====

High Command ELF

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ELF: The Russian equivalent to our 76/44 Hz ELF submarine communication system operates on 82 Hz. No station location or details are known.

*South Africa

=====

4014.0 Navy ZRH-Silvermine FAX 120/576
 Navy ZSJ-Silvermine FAX 120/576
 4032.7 Navy ZSJ-Silvermine MFSK32 54.5bd

*Spain

=====

Air Force

=====

Madrid: Callsign Vigia

5699.0 Channel 1A
 6724.0 Channel 1
 8974.0 Channel 3
 9022.0 Channel 3A
 11211.0 Channel 2
 11235.0 Channel 2A
 13215.0 Channel 5
 13245.0 Channel 5A
 15016.0 Channel 4
 15022.0 Channel 4A
 18003.0 Channel 6A
 18018.0 Channel 6

Zaragoza: Callsign Jota

3933.0 5702.0 6715.0 6730.0 9014.0? 11262.0 13245.0 15073.0

Special thanks to the Dutch Military Research Group website (<http://www.dutchmil.com/>) for the new information above.

The Spanish Air Force operates a SAR service around the Spanish mainland and from Gando AB in the Canary Islands. They make extensive use of HF for communications during rescue missions and during exercises. The following frequencies are used: 6737.0 USB(HJ) 4738.5 USB(H24) 3137.0 USB(HN)

They also use the worldwide general calling/emergency frequency of 2182.0 kHz.

The Canarias Rescue Coordination Center (RCC), due to the much larger area they cover, also uses 11406 kHz. They can also be heard on the following frequencies (these are used by request from the network users): 2763.0 3855.0 4790.0 6870.0 9001.0 9437.0 kHz

*United Kingdom

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Royal Air Force (RAF)

=====

RAF VOLMET Broadcast

Control Point - RAF High Wycombe

Transmitter: Chelveston, Northamptonshire, England

USB: 5450.0 11253.0 kHz

Airfield weather broadcast are made twice an hour in the time slots indicated below:

Slot 1: H+00/H+30 - Aldergrove, Manchester, Prestwick, London Stansted, Oslo, Cairo, Pristina (+), Gibraltar, Porto, Stavanger

Slot 2: H+06/H+36 - Benson, Brize Norton, East Midlands, Bruggen, Geilenkirchen (+), Hannover, Lyneham, Northolt, Odham, Trondheim, Muscat (+), Salalah

Slot 3: H+12/H+42 - Coltishall, Cranwell, Leeming, Leuchars, Lossiemouth, Marham, St. Mawgan, Waddington, Linloss, Shawbury, Coningsby, Thumrait (+)

Slot 4: H+18/H+48 - Ascension, Bahrain, Brize Norton, Banjul (+), Dakar, Keflavik, Nairobi, Mombassa, Montevideo, Rio de Janeiro

Slot 5: H+24/H+54 - Adana (Incirlik), Akrotiri, Ancona, Aviano, Gioia del Colle, Rimini, Rome/Ciampino, Skopje, Split, Waddington, Bari (+)

The ones suffixed with '+' are additional airfields which are added as required, and have a human voice announcing them, rather than the electronic voice. Some of these other optional airfields can be included in the broadcast in the possible slots indicated below:

Slot 1: Edinburgh, London Gatwick, London Heathrow, Luton, Newcastle, Stavanger, Teesside, Trondheim, Vaerlose

Slot 2: Hamburg, Munster, Ramstein

Slot 3: Coningsby, Shawbury, Yeovilton

Slot 4: Cairo, Hurghada, Jeddah, Punta Arenas, Recife

Slot 5: Catania, Faro, Lisbon, Palermo, Rome, Sarajevo

From the RAF Enroute Supplement, the UK equivalent of the US Department of Defense Instrument Flight Rules Supplement (IFR)

*Strike Command Integrated Communications System (STCICS)

Callsign: Voice: Architect CW: MLD or MLP

Transmitter: Chelveston, Northamptonshire, England

Frequencies:

4742.0 5714.0 6739.0 9031.0 11205.0 18018.0 (Group A - see below)

4540.0 5450.0 8190.0 11253.0 13257.0 15031.0 (Group B - see below)

2591.0 11247.0

Group A has the QNH broadcast at H+00 and Airfield color state broadcast at H+30.

Group B has RAF German airfield flying states at H+15 and H+45.

*RAF Flight Watch Centers

Ascension Callsign: Haven

Frequencies: 4742.0 (2000-0800 UTC) 9031.0 (0800-2000 UTC) 11247.0

All frequencies carry a weather broadcast at H+45

Cyprus Callsign: Cyprus

Frequencies: 4742.0 9031.0 (1600-0500 UTC) 11247.0

4742.0 and 11247.0 carry weather broadcast at H+15

Gibraltar Callsign: Gibraltar

Frequencies: 4742.0 9031.0 11247.0

Mount Pleasant, Falkland Islands Callsign: Viper

Frequencies: 9031.0 11247.0

UKADGE HF Line Designator List

=====

WUN-v10

How to find which frequencies are active. Listen to the Architect weather broadcast at H+00 and H+30 (see above). If the UKADGE circuits are active, there will be an announcement after the weather broadcast with the code-letters for the active frequencies. For example: "Additional information.. 2.. PK.. tack..401C.. tack.. AG" (which is repeated twice).

The first number indicates which Air Defense radar station is active

- 1 - Buchan, Boulmer and Benbecula
- 2 - Buchan
- 3 - Boulmer (has not been heard for many years)
- 4 - Neatishead

The first 2-letter-group is the code for the active HF frequency from the list below. It is sometimes referred to as the 'JAAWSK Frequency' (Joint Anti-air Warfare Shore Co-ordination). It carries most of the voice traffic, including target positions and Beaver details. This channel also carries frequency changes and position reports.

The third group is the Charlie squared channel, where AWACS aircraft pass their radar data over a HF link. Known frequencies are:

- 2250.5 401A
- 33???.0 401B (exact freq unknown)
- 4478.5 401C
- 6673.5 401D
- 8500.5 401E

The final group is known as chick co-ordination, where combat aircraft which are HF-capable can be passed target positions and other information.

In the example above, Buchan is the ADR station, using 5095 khz for voice traffic, the AWACS are using 4478.5 khz, and the chicks are on 4745 khz.

A	11205.0	AB	5693.0	AC	8156.0	AD	9010.0
AE	3939.0	AF	9022.0	AG	4745.0	AH	3930.0
AK	3038.0	AP	11181.0	AQ	2396.0	AW	4042.0
AZ	23281.0	B	6739.0	BA	17970.0	BE	18018.0
BF	3083.0	BJ	17988.0	BK	3945.0	BL	11268.0
BS	18000.0	BT	2350.0	BX	8989.0	CA	6736.0
CM	18009.0	CO	23245.0	CY	3119.0	CZ	29800.0
D	4706.0	DA	5436.0	DB	15091.0	DH	15013.0
DM	8998.0	DQ	17995.0	DS	4739.0	DT	18024.0
DW	9031.0	E	3924.0	EA	10512.0	EF	5720.0
EH	11259.0	EI	23270.0	EK	11235.0	EM	15025.0
EN	15076.0	EP	15040.0	EX	11184.0	EZ	11253.0
F	13257.0	FA	3101.0	FG	11208.0	FM	5405.0
FS	4742.0	FT	13218.0	FV	15064.0	FW	3131.0
G	3915.0	GA	15061.0	GD	2274.0	GT	26385.0
H	15031.0	HE	3942.0	HJ	8983.0	HK	9034.0
HM	6748.0	HO	13206.0	HW	11247.0	HX	23257.0
HZ	13248.0	I	13236.0	IN	17982.0	IP	27000.0
J	8980.0	KA	3380.0	KD	3867.0	KH	12057.0
KJ	4718.0	KP	2641.0	KR	4484.0	KT	5420.0
KW	2261.0	KX	2577.0	L	5447.0	LA	3036.0
LB	3092.0	LC	6701.0	LD	15046.0	LE	15072.0
MB	2266.0	MC	5270.0	MD	18850.0	ME	14460.0
MS	3218.0	NJ	5705.0	PA	3302.0	PE	6760.0
PF	10634.0	PH	8971.0	PK	5095.0	PO	6715.0
PR	3864.0	PZ	14724.0	QB	3512.0	QR	8972.0
QV	3095.0	RA	8190.0	RD	6691.0	RE	5178.0
RH	5695.0	RM	3110.0	RZ	9459.0	SA	2762.0
SE	14812.0	ST	2591.0	TG	6724.0	TO	3391.0
TQ	3345.0	TS	5684.0	TW	4709.0	UA	4724.0
UB	10919.0	UR	17979.0	UT	4540.0	VE	11217.0

				WUN-v10		
W	5747.0	WG	3125.0	WM	3026.0	X 3224.0
XA	5403.0	YC	11241.0	YM	13211.0	YP 23250.0
YZ	20030.0	ZF	3763.0	ZZ	5714.0	

Air Northwest JAAWSK (Joint Anti-air Warfare Shore Coordination)

=====

The RAF (and other NATO forces) seem to be using a new set of codes to identify their HF frequencies.

Unknown designator

2031.0	2307.0	3343.0	3404.0	3943.0	4502.0
4763.0	5350.0	5392.0	6835.0	6882.0	7919.0
10325.0	10585.0	10830.0	12198.0	14568.0	16344.0

3301.0	Golf 01
3235.0	Golf 02
4572.0	Golf 08

9010.0	Hotel 05
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HF?	Kilo 01
2712.0	Kilo 04
4530.0	Kilo 05
4020.0	Kilo 06
4724.0	Kilo 07
4860.5	Kilo 08
4920.0	Kilo 09
5173.0	Kilo 10
5277.0	Kilo 11
5290.0	Kilo 12
5395.0	Kilo 13
7415.0	Kilo 14
7860.0	Kilo 15
3305.0	Kilo 17
UHF	Kilo 18
UHF	Kilo 19
UHF	Kilo 20
4785.0	Kilo 22
4779.0	Kilo 24
HF?	Kilo 25
UHF	Kilo 26
UHF	Kilo 27
HF?	Kilo 28 (Beaver HF?)
4477.0	Kilo 30
5045.0	Kilo 31
5385.0	Kilo 33
5463.0	Kilo 34
4012.0	Kilo 36
UHF	Kilo 55
UHF	Kilo 56

Joint Maritime Course Frequencies

=====

Three times a year the Royal Air Force hosts a number of military ships, submarines and aircraft for a series of 2-week exercise around the coast of the UK. This is known as the JMC - Joint Maritime Course.

The forces are split into two opposing forces, and they use an extensive network of HF frequencies for voice co-ordination and encoded data transmissions of radar pictures (known as Link 11). Each HF frequency is given a KJ designator, and these run from KJ01 up to at least KJ50. Some of these frequencies are in the UHF military aircraft band. The tie-up between designator and frequency changes with each JMC course conducted. During some JMC's some designators are on UHF frequencies in one course and on HF frequencies in the next course.

The following JMC frequencies are known:

3343.0	3357.0	3805.0	4477.0	4484.0	4502.0	4778.5	4860.5	5045.0
--------	--------	--------	--------	--------	--------	--------	--------	--------

WUN-v10

5091.5 5206.0 5267.0 5276.5 5280.0 5310.0 5385.0 5460.0 5733.0
5910.0 6224.0 6237.0 6697.0 6779.0 6882.0 6940.0 7795.0 7934.0
9394.0 11149.0

Royal Navy (RN)

=====

Warship Frequencies

2487.0 Channel 02 Ships working MTI
2662.4 Channel 02P Ships working GYA/MGJ
2760.4 Channel 02Q Ships working GYA/MGJ
3806.4 Channel 03P Ships working GYA/MGJ
4153.0 Channel 04 Ships working MGJ on 3390 khz
4153.9 Channel 04P Ships working GYA/MGJ
4879.9 Channel 04Q Ships working GYA/MGJ
6246.9 Channel 06P Ships working GYA/MGJ [was 6242.9 khz]
8144.9 Channel 08P Ships working GYA/MGJ
8179.9 Channel 08Q Ships working GYA/MGJ
8339.0 Channel 8A? Ships working GYU
12377.9 Channel 12P Ships working GYA/MGJ
12381.9 Channel 12Q Ships working GYA/MGJ
12389.0 Channel 12A Ships working GYU
16550.9 Channel 16P Ships working GYA/MGJ
16566.9 Channel 16Q Ships working GYA/MGJ
22193.9 Channel 22P Ships working GYA/MGJ
25142.9 Channel 25P Ships working GYA/MGJ

GYA London
GYU Gibraltar
MGJ Faslane
MTI Plymouth

Northwood FAX Service

=====

2617.0 6834.0 8652.0 10576.5 12390.0 14356.0 18261.0

Irish Navy

=====

SITOR-A 2461.5
CODAN PSK <F7> 5254.0

*Ukraine

=====

Military Net (CW) 2598.0

*Venezuela

=====

Venezuelian military material below is courtesy of Ron Perron.
Ron thinks the suffixes 1-3 for both CUFAN and MIRA are the same. They
may equate to something like 1= command element; 2= intelligence element;
3= operations element. Or they could equate to branches of the Armed
Services i.e. 1= Army, 2= Navy; 3= National Guard.

Air Defense Command

=====

Venezuelan Air Defense Command- ALE

This net serves various air defense missile sites and surveillance radar
units based at/near Venezuelan Air Force bases and other strategic
locations.

Frequencies:

5695.0 7810.0 9065.0 11130.0 13475.0

ALE Identifiers:

CDDA Air Defense Command Center (Centro de Defensa
Aerea)- El Libertador Airbase

WUN-v10

GURI Air Defense site at Guri Dam
MENE or Menemauroa Air Defense site
MAR or Maracay Air Defense site
PTOORDAZ or PTO Puerto Ordaz Air Defense site
GUA or Guasdualito Air Defense site
MARGARITA Isla Margarita Air Defense site
MONTECANO Air Defense site
PTOFIJO or Puerto Fijo Air Defense site

Army

====

Venezuelan Army ALE Addresses/Abbreviations:

CCM Mobile Command Center-Centro Comando Movil
CGE Army Headquarters (Cuartel General de Ejercito)
CGEJM Venezuelan Army HQs-Mobile- Cuartel General Ejercito Movil
CLC Local Communications Center (Centro Local de Comunicaciones) I was carrying the "L" as Logistico, but in retrospect "Local" seems to fit the context better.
CLM Maintenance Logistics Center (Centro Logistico Mantenimiento)
CRC Regional Communications Center (Centro Regional de Comunicaciones)
Mira1 Military Command Element at Presidential Palace
Mira2 Military Command Element at Presidential Palace
Mira3 Military Command Element at Presidential Palace (Palacio de Miraflores)
PCRC Regional Command Post (Communications) (Puesto de Commanda Regional Comunicaciones)
PCRM Regional Command Post-Mobile (Puesto de Commanda Regional Movil)
PNME Riverine Forces River Post
RESERVA1 1st Inf Bn- Reserves
RESERVA2 2nd Inf Bn- Reserves.
RESERVA5 5th Armored Bn- Reserves
SCLC Subordinate Local Communications Center (Subordinado Centro Local de Comunicaciones)- I know the "S" doesn't fit syntactically, but I think it makes sense nonetheless.
SCLM Maintenance Logistics Service Center (Servicio Centro Logistico Mantenimiento)
SIB Unknown
SIT Unknown
SKI Unknown
TALLERESM Unidentified, Venezuelan Army

These equations are based upon my own research and analysis using Spanish-language resources and glossaries. I'm relatively certain that the equations for CGE and CRC are correct. According to various sources the Venezuelan Army has divided up the country into 6 Military Regions/Zones. This corresponds nicely to the CRC# identifiers I've seen so far. The other equations are, as I said my own derivations, and are open for discussion. I haven't seen enough of the three letter identifiers (SIB, SIT, SKI, etc) to have any equations for them.

Here are the net/frequency breakdowns that I have come up with so far.

1st Infantry Division
13500.0

2nd Infantry Division
9232.0 10156.0 11610.0

3rd Infantry Division:
9259.0 13506.0

4th Infantry Division:
12185.0 13455.0

5th Infantry Division:
12191.0 14569.0

National Guard

=====

ALE Frequencies (USB):
7849.0 9052.0 10272.0 10600.0

ALE Identifiers:

CGGN Cuartel General de Guardia Nacional-Venezuelan National
Guard HQs
CORE7 National Guard Commander, Region 7-Comando Region 7 (there
are 7 National Guard regions.
CUFAN Unified Command of National Armed Forces-Comando Unificado
del la Fuerza Armada Nacional CUFAN3 Sub-unit of Unified Command
of National Armed Forces
CUFAN1 Unidentified sub-element of CUFAN
CUFAN3 Unidentified sub-element of CUFAN
CUFAN4 Unidentified sub-element of CUFAN
CUMANA Cumana Airfield or Cumana City
C5F Asuntos Civiles (Civil Affairs) C5
DESTAFAC23 Destacamento 23 de las Fuerzas Armadas de Cooperación-
Detachment 23, National Guard
PORLAMAR Destacamento de Apoyo Aereo #7, Air Support Detachment #
7, Parlomar Airport)
VARGAS HQs Commando de Vigilancia Costera, La Guaira, Estado
Vargas

NOTE:

1. Commando de Vigilancia Costera is the naval component of the Venezuelan National Guard. There are seven detachments of the Vigilancia Costera and four detachments of the Vigilancia Fluvial (River Forces)
2. Commando de Apoyo Aero is the air component of the Venezuelan National Guard

Navy

=====

ALE Frequencies:
9350.0 (LSB) 10650.0 (LSB)

ALE Identifiers:

ARMARIO Puerto Cabella Naval base (named after Agustin Armario de
Puerta Cabella)
BDIRCO Marine Combat Engineer Battalion
BNARCO Armario Naval base
CGARM Navy HQs (Cuartel General de Armada)
DCCOP Direccion de Coordinacion Y Control Operacional
F-21 Frigate Mariscal Sucre
F-22 Frigate Almirante Brion
F-26 Frigate Almirante Garcia
T-61 LSM Capana
T-63 LSM Gojaira
T-64 LSM Los Llanos

=====

GOVERNMENT NETS
+++++

*Australia

+++++

Austalian Customs Service

=====

Frequencies (USB): 2148.0 5285.0 7960.0 10435.0 13591.0

*UNITED STATES GOVERNMENT LISTINGS

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U.S. Government SHARES (Shared Resources) Program

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SHARES Coordination Network (SCN)
 4490.0 Channel 3/SCN ALE Net
 4573.5 Alternate frequency for channel 1 voice check-in
 5236.0 Channel 1/SCN Voice Net
 5711.0 Channel 4/SCN ALE Net
 6800.0 Channel 9/SCN BBS Net
 9106.0 Channel 5/SCN ALE Net
 10586.5 Channel XF
 11217.0 Channel 6/SCN ALE Net
 13242.0 Channel 10/SCN BBS Net (G-TOR)
 14396.5 Channel 2/SCN Voice Net
 14898.5 Alternate frequency for channel 2 voice check-in
 15094.0 Channel 7/SCN ALE Net
 17487.0 Channel 8/SCN ALE/STI Net

SHARES coordination stations conduct a weekly SHARES net on the ten SCN channels every Wednesday from 1600-1800 UTC.

Large scale annual SHARES exercises are conducted in April, August and December.

SCN Operational Levels

SCN Operational Levels are designed to improve the responsiveness of the SHARES Coordination Network during emergencies. SCN Operational Levels are defined as follows:

Operational Level 3 - Conditions normal. No emergency exists. The ten-channel SCN may be used by SHARES station personnel for training and non-emergency operations.

Operational Level 2 - Emergency potential exists. Non-emergency operations on the SCN suspended. SCN monitoring increased. Check-in windows established on the national and regional nets to receive Stations Availability Reports.

Operational Level 1 - Emergency exists. SHARES message support required. National and regional nets maintain full-period operations to receive Station Availability Reports, to list SHARES message traffic, and to coordinate the processing of SHARES messages.

U.S. Immigration and Customs Enforcement (ICE)

=====

The COTHEN (Customs Over the Horizon Enforcement Net) HF radio system seems to have replaced the older JTF designated systems.

5732.0 Scan 1
 7527.0 Scan 2
 8912.0 Scan 3
 10242.0 Scan 4
 11494.0 Scan 5
 13907.0 Scan 6
 15867.0 Scan 7
 18594.0 Scan 8
 20890.0 Scan 9
 23214.0 Scan 10
 25350.0 Scan 11

Here are the confirmed HF COTHEN stations and their callsigns

KAE 315 Miami, Florida
 KAE 326 Las Vegas, Nevada
 KAE 371 Boston, Massachusetts
 KAE 378 Reno, Nevada
 KAE 381 Homestead, Florida
 KAE 384 Wilmington, North Carolina
 KAE 388 Riverside, California
 KAE 398 Washington, District of Columbia

KAE 462 Houston, Texas
 KAE 470 New Orleans, Louisiana
 KAE 484 Denver, Colorado
 KAQ 687 Beaufort, North Carolina
 KAQ 688 New Bern, North Carolina
 KEB 762 Albuquerque, New Mexico
 KEB 765 Myrtle Beach, South Carolina
 KOQ 434 Morehead City, North Carolina
 KOQ 682 Cedar Rapids, Iowa
 KPS 357 Salt Lake City, Utah
 KPS 387 Hampton, Georgia
 KPS 394 Cape Charles, Virginia
 KPS 395 Atlanta, Georgia
 KPS 396 Memphis, Tennessee
 KZP 602 Oklahoma City, Oklahoma
 KZP 604 Nashville, Tennessee
 KZP 606 Kansas City, Missouri

There are two other known stations in the COTHEN HF net we do not have calls for. They are located in Lovelock and Fallon, Nevada. Can anyone help on these two stations?

Selected voice calls monitored on COTHEN

15C USCG HH-60J
 18C USCG HH-60J
 38C USCG HH-60J
 F35 USCG HU-25
 F39 USCG HU-25
 F40 USCG HU-25
 503 USCG HC-130
 718 USCG HC-130
 707 USCG HC-130
 1716 USCG HC-130

U.S. Drug Enforcement Administration

=====
 5277.0 Alpha (Night DEA Primary)
 5841.0 Bravo
 7300.0 Charlie
 9497.0 Delta
 11076.0 Echo (Day DEA Operations)
 7657.0 Foxtrot
 14690.0 Golf
 18666.0 Hotel (Reportedly returned to FBI in 1995)
 23675.0 India
 14350.0 Lima
 14686.0 Papa (DEA day Primary)
 23402.5 Romeo
 ? Sierra Alpha
 ? Sierra Bravo
 11073.5 Sierra Echo
 17171.0 Sierra Hotel
 18171.0 Sierra India (Reportedly returned to FBI in 1995)
 19131.0 Sierra Juliet
 ? Sierra Lima

WUN member John Bohn offered some updates to the "Sierra" frequencies listed above, but is looking for the frequency assigned to the 'Sierra Lima' designator. John says that if you have access to an FCC database, try searching for the frequencies assigned to Rockwell International with the following call signs:

KA2XXA Richardson, TX
 KC2XKG Cedar Rapids, IA
 KC2XKJ Newport Beach, CA

The unknown "SB" and "SL" frequencies may be one of the following: 26946.0, 20348.5, 17171.0, 16376.0 and 16341.0 kHz. Rick Baker says that

18971.0 kHz may also be another.

U.S. Federal Aviation Administration
=====

HF Recovery Communications (RCOM)

The Recovery Communications (RCOM) Program, mandated by a variety of United States national level documents including Presidential Executive Orders and National Security Decision Directives, was established to encompass all FAA emergency command and control communications (C3) systems and projects under one program. Emergency C3 systems are defined as those means of communications that the FAA employs to direct management, operations, and reconstitution of the National Airspace System (NAS) in support of Federal Aviation Administration (FAA), Department of Transportation (DOT), and Department of Defense (DOD) missions during national disasters or national security emergencies.

The FAA maintains a variety of fixed-position, portable, and transportable C3 communications systems for use in support of emergency operations. One such commonly heard C3 system is the RCOM/NARACS High Frequency/Single Side Band (HF/SSB) Net.

In 1995, the FAA approved the deployment of the RCOM HF/SSB upgrades and a five-year contract was awarded to Eastern Computer Incorporated (ECI) for the purpose of upgrading the FAA RCOM/National Radio Communications System (NARACS) HF network. ECI has installed the RCOM HF/SSB upgrade at all the FAA Region Offices and Emergency Operations Centers, and is the final phases of installing the NARACS/ALE upgrades at all Air Route Traffic Control Centers (ARTCCs).

FAA HF connectivity nets are conducted on wednesday UTC. The East Coast net meets at 1545 UTC on 8125.0 kHz with KIT 88 as net control. The west Coast net was last reported on 13630.0 kHz at 1845 UTC.

FAA Recovery Communications/National Radio Communications System (RCOM/NARACS) HF SSB Network (U=USB/L=LSB)
Frequencies (including ALE): 5860.0U 6870.0U 6870.0L 7475.0U/L 7611.0U/L 8125.0U/L 9114.0U/L 11637.0U 13457.0U 13630.0U 15851.0U 16348.0U kHz

ALE Add Location	Miscellaneous Information
DEFAULT Unknown	Probably a FAA unit that has not set their ALE ID properly in their unit
FAA Unknown	Probably not a properly loaded unit, has not been seen as a regular participant on the net
FAAAAL Anchorage, AK	KDM 53-Alaska Region Office/EOC
FAAAACE Kansas City, MO	KKU 40-Central Region Office/EOC
FAAAACT Atlantic City, NJ	KLM 80-william J. Hughes Tech Center
FAAACY Atlantic City, NJ	WHZ 74-Flight Inspect Field Office
FAAAEA Jamaica, NY	KJK 82-Eastern Region Office/EOC
FAAAGL Des Plaines, IL	WHX 51-Great Lakes Region Office/EOC
FAAANE Burlington, MA	WHX 45-New England Region Office/EOC
FAAANC Anchorage, AK	WHZ 73-Flight Inspect Field Office
FAAANM Renton, WA	WHX 20-NW Mtn Region Office/EOC
FAAASO College Park, GA	KDM 49-Southern Region Office/EOC
FAAASW Fort Worth, TX	KDM 47-Southwest Region Office/EOC
FAAATL Atlanta, GA	KLM 44-Flight Inspect Field Office
FAAAWP Fremont, CA	KMR 96-Oakland ARTCC
FAABTL Battle Creek, MI	KLM 43-Flight Inspect Field Office
FAADCA Washington, DC	KEM 80-FAA Headquarters
FAAECI Unknown	Eastern Computer Incorporated Contractor for (FAA ARTCC RCOM HF Network upgrade)
FAAEKN Unknown	And this is NOT a stn in Elkins, WV
FAAKLO Boonsboro, MD	KLO 87-FAA Emergency Relocation Site <Tentative ID>
FAALGT Longmont, CO	KCP 63-western US C3 NCS/SCS Mtn
FAAMRB Martinsburg, WV	KIT 88-Eastern US C3 Net NCS
FAAOEX Oklahoma City, OK	KIA 21-FAA Aeronautical Center

WUN-v10

FAAOKC	Oklahoma City, OK	WHZ	77-Flight Inspect Field Office
FAASAC	Sacramento, CA	WHZ	78-Flight Inspect Field Office
FAASJU	San Juan, PR	KDM	45-San Juan ARTCC
FAAZAB	Albuquerque, NM	KGH	23-Albuquerque ARTCC
FAAZAN	Anchorage, AK	KBX	44-Anchorage ARTCC
FAAZBW	Nashua, NH	KLD	70-Boston ARTCC
FAAZDC	Leesburg, VA	KJK	80-washington ARTCC
FAAZDV	Longmont, CO	KCJ	70-Denver ARTCC
FAAZFW	Fort Worth, TX	KBQ	25-Fort Worth ARTCC
FAAZHU	Houston, TX	KMU	31-Houston ARTCC
FAAZID	Indianapolis, IN	KLB	48-Indianapolis ARTCC
FAAZJX	Hilliard, FL	KJK	79-Jacksonville ARTCC
FAAZKC	Olathe, KS	KKA	82-Kansas City ARTCC
FAAZLA	Palmdale, CA	KJK	77-Los Angeles ARTCC
FAAZLC	Salt Lake Cty, UT	KDC	20-Salt Lake City ARTCC
FAAZMA	Miami, FL	KMA	47-Miami ARTCC
FAAZME	Memphis, TN	KDM	52-Memphis ARTCC
FAAZMP	Farmington, MN	KCJ	20-Minneapolis ARTCC
FAAZNY	Ronkonkoma, NY	KCD	73-New York ARTCC
FAAZOA	Fremont, CA	KMR	96-Oakland ARTCC
FAAZOB	Cleveland, OH	KLA	25-Cleveland ARTCC
FAAZSE	Auburn, WA	WHX	44-Seattle ARTCC
FAAZTL	Hampton, GA	KUV	64-Atlanta ARTCC
FAAZUA	Aurora, IL	KJB	96-Chicago ARTCC

1. FAA Southern Net meets on wednesday at 0900 ET on 6870 kHz LSB
 2. FAA Western Net meets on wednesday at 1230 ET on 13457 kHz USB
 3. FAA Eastern Net meets on wednesday at 1045 ET on 8125 kHz USB
- NCS: KIT88. Regular checkins: KEM80, KLM80, KLO87, KJK82, WHX45, KLD70, KJK80, WHX51, KJB96, KLA25, KLB48, KCJ20, KIA21, KDM49, KJK79, KMA47, KDM52, KUV64

Special thanks to Jack Metcalfe for his assistance in this section.

U.S. Federal Emergency Management Agency

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FEMA uses "Foxtrot" designations for their frequencies.
 Be sure to monitor both the USB and LSB side of each of these frequencies below for activity.

FEMA National Radio System (FNARS) HF Frequencies

F-01 2320.0	F-02 2360.0	F-03 2377.0	F-04 2445.0
F-05 2658.0*	F-06 3341.0*	F-07 3379.0	F-08 3388.0**
F-09 4603.0	F-10 4780.0**	F-11 5211.0	F-12 5378.0**
F-13 5402.0**	F-14 5821.0	F-15 5961.0**	F-16 6049.0
F-17 6106.0	F-18 6108.0	F-19 6151.0**	F-20 6176.0
F-21 6809.0*	F-22 7348.0*	F-23 7428.0**	F-24 9462.0*
F-25 10194.0*	F-26 10493.0*	F-27 10588.0*	F-28 11721.0
F-29 11801.0	F-30 11957.0	F-31 10899.0**	F-32 11108.0**
F-33 12129.0	F-34 12216.0*	F-35 11545.0	F-36 13446.0*
F-39 13780.0	F-38 13894.0**	F-37 13935.0	F-48 13956.0
F-41 14450.0	F-40 14567.0	F-42 14776.0*	F-43 14836.0
F-47 14871.0	F-44 14885.0*/**	F-45 14899.0**	F-46 14908.0**
F-50 15708.0*	F-49 15840.0	F-51 16201.0*	F-52 16238.0
F-53 17519.0*	F-54 18483.0	F-55 18744.0	F-57 19969.0*
F-58 20027.0	F-59 20063.0	F-56 20361.0	F-60 21866.0*
F-61 21919.0	F-62 22983.0*	F-63 23028.0	F-64 23390.0
F-65 23451.0	F-66 23550.0	F-67 23814.0	F-68 24008.0
F-69 24282.0	F-70 24526.0*	F-71 24819.0	

* indicates an old FEMA ALE network frequency
 ** indicated a new FEMA ALE network frequency

Note: It would appear that the designators above have changed and reports on this system would be appreciated.

Jack Metcalfe reported on the last weekend in July 2003 a new series of frequencies for the FEMA ALE net that have replaced the frequencies above. Please note the following frequencies are being used:

10899.0 11108.0 12112.0 13894.0 14885.0 14899.0 14908.0

Other FEMA ALE Frequencies

2414.0 4490.0 5135.0 5711.0 6151.0 7805.0 7806.4 8012.0 8050.0
 9106.0 10899.0 11108.0 11217.0 12112.0 11957.0 13984.0 15094.0
 17487.0 20107.0 22953.0

The information below was published in official MARS documents that are openly available on several internet websites. According to these MARS documents these designators are to be used by the membership in order to provide some sort of security for the FEMA National Emergency Coordination Net (NECN). The various MARS branches are suppose to use the designators below instead of announcing frequencies on the air.

Designator Frequency Mode

FEMA-1U 5211.0 USB
 FEMA-1L 5211.0 LSB
 FEMA-2U 10493.0 USB
 FEMA-2L 10493.0 LSB
 FEMA-3U 14567.0 USB
 FEMA-3L 14567.0 LSB
 FEMA-4U 13956.0 USB
 FEMA-4L 13956.0 LSB

Other FEMA HF Assignments

2220.0 2258.0 2280.0 2317.5 2652.0 3206.5 3224.0 3342.5 4018.5
 4023.5 4031.5 4441.5 4598.5 4608.5 4883.5 4886.5 5303.5 5379.5
 5935.0 6804.5 6996.5 7361.5 8051.5 8161.5 9122.5 10871.5 11995.5
 12112.0 12250.5 13451.0 16315.5 17461.5 17481.5 17501.5 20414.0
 20444.5 20447.5 24060.0 24105.0 24135.0 24160.0 24191.0

Also published on open internet websites the following callsign list. MARS has now assigned callsigns listed below to the FEMA Mobile Emergency Response Support (MERS) Detachment Stations.

- A. FEMA REGION 1:
 - AAN1FMA, MAYNARD, MA
 - AAN1FMB, MOBILE
 - AAN1FMC, MOBILE
 - AAN1FMD, MAYNARD, MA
- B. FEMA REGION 3
 - AAN3FMA, MT. WEATHER, VA
- C. FEMA REGION 4
 - AAN4FMA, THOMASVILLE, GA
 - AAN4FMB, MOBILE
 - AAN4FMC, MOBILE
 - AAN4FMD, MAYNARD, GA
 - AAN4FME, MAYNARD, GA
- D. FEMA REGION 6
 - AAN6FMA, DENTON, TX
 - AAN6FMB, MOBILE
 - AAN6FMC, MOBILE
 - AAN6FMD, DENTON, TX
 - AAN6FME, DENTON, TX
 - AAN6FMF, DENTON, TX
 - AAN6FMG, DENTON, TX
- E. FEMA REGION 8
 - AAN8FMA, DENVER, CO
 - AAN8FMB, MOBILE
 - AAN8FMC, MOBILE
 - AAN8FMD, DENVER, CO
- F. FEMA REGION 10
 - AAN0FMA, BROTHELL, WA

Scheduled Government HF Nets

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Here is a list of the known United States Government nets.

WUN-v10

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- Editor: Ary Boender          *****          e-mail: ary@luna.nl -
- Nickname on IRC channels #wun #monitor #numbers: Ary-B -
-
- Download the complete N&O newsletter from the N&O web site -
- http://home.luna.nl/~ary/ -
-
- Online database: Chris Smolinski <csmolinski@erols.com> -
- http://www.spynumbers.com/numbersDB/ -
-
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-::: N&O #76, August 2004 :::-

Hello and welcome to yet another edition of "Numbers & Oddities", the column about numbers stations and all kind of other oddities on HF. Before I take you to this month's review, I'd like to say THANKS to the loyal N&O contributors: Sergey, Leif, Jim, Japan Ute Monitor, Walter, Attu, Mark, David, John, Fritz, Chris, Al, Tomonori, Takashi and those of you who prefer not to be mentioned.

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* VOICE STATIONS *

::: E03

Lincolnshire Poacher
IDs used in the first half of the month:

UTC	Mon	Tue	wed	Thu	Fri	Sat	Sun	UTC
1200	47878	47878	47878	47878	47878	47878	47878	1200
1300	47603	47603	47603	47603	47603	47603	47603	1300
1400	01081	40398	58894	21292	47878	20394	80824	1400
1500	80824	01081	40398	58894	21292	47878	69905	1500
1600	69905	80824	01081	40398	58894	21292	20394	1600
1700	20394	69905	80824	01081	40398	58894	47878	1700
1800	47878	20394	69905	80824	01081	40398	21292	1800
1900	21292	47603	20394	47603	80824	01081	47603	1900
2000	47603	47878	47603	69905	47603	80824	58894	2000
2100	58894	21292	47878	20394	69905	47603	40398	2100
2200	40398	58894	21292	47878	20394	69905	01081	2200

...and in the second half of the month:

UTC	Mon	Tue	wed	Thu	Fri	Sat	Sun	UTC
1200	48297	48297	48297	48297	48297	48297	48297	1200
1300	63240	63240	63240	63240	63240	63240	63240	1300
1400	30320	86149	38705	56904	48297	68643	73898	1400
1500	73898	30320	86149	38705	56904	48297	42899	1500
1600	42899	73898	30320	86149	38705	56904	68643	1600
1700	68643	42899	73898	30320	86149	38705	48297	1700
1800	48297	68643	42899	73898	30320	86149	56904	1800
1900	56904	63240	68643	63240	73898	30320	63240	1900
2000	63240	48297	63240	42899	63240	73898	38705	2000
2100	38705	56904	48297	68643	42899	63240	86149	2100
2200	86149	38705	56904	48297	68643	42899	30320	2200

<<<<<>>>>

::: E04

Cherry Ripe
IDs used in the first half of the month:

UTC	Sun	Mon	Tue	wed	Thu	Fri	UTC
2200	55537	40693	59258	64105	40693		2200
2300	40693	59258	64105	40693	64253		2300
0000		59258	64105	40693	64253	83681	0000
0100		64105	40693	64253	83681	31929	0100

				WUN-v10		
1000	40693	64253	83681	31929	55537	1000
1100	64253	83681	31929	55537	40693	1100
1200	83681	31929	55537	40693	59258	1200
1300	31929	55537	40693	59258	64105	1300

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::: E05

Chris Smolinski received an interesting note that says "Drove by "Station C" in Remington, VA over the weekend. ALL of the antennas are gone. A helpful local said they got ripped out last year. The buildings are still there, fence, camera, etc. but no more antennas."

That would mean that we may not expect any E05/V05 transmissions from that site anymore. I wonder if the US HF facilities in Germany will be closed now that the majority of the US military will be withdrawn from Europe. Will Cynthia ever reappear?

<<<<<>>>>

::: E10

Three different string messages were reported in August:

09/8, 1818 UTC, 4360//5170 kHz: KPA 78Z65Z0030
 10/8, 1800 UTC, 6370//6912 kHz: KPA K93Z33E28Z12Z1645
 10/8, 1850 UTC, 4360//5170 kHz: KPA K93Z33E28Z12Z1645
 11/8, 0152 UTC, 4360 kHz : KPA K93Z33E28Z12Z1645
 12/8, 0810 UTC, 6912 kHz : CIO A8B63

Alex from Austria writes that he heard FTJ on a wrong frequency... 12626 kHz at 1733 UTC with a message. "I think it should be 2626 kHz. I've never heard any E10 on 12626 kHz. Reception today was much better on 12626 than it has ever been on 2626 :-)", he says.

FTJ can occasionally be heard on 7322 kHz.

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::: V02a/M08a

David wrote me to tell that he had not heard the Cubans since hurricane Charlie passed on 13 August. Apparently the Cubans have repaired the damage as they returned to the air around the 18th.

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::: V24

The North Korean station is still 5715 kHz AM at 1400 UTC.

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* MORSE STATIONS *

::: MX

Channel markers:

L: 3202.8 kHz. I still have not found the new daytime frequency. The marker changed frequency from 3336.2 to 3202.8 kHz per August 1st and experienced problems during the first few days on its new frequency. It sent "LE" for a while.
 R: 5465.8 kHz
 V: 3658 and 7440 kHz
 P: 3772//4031//4476 kHz

An interesting note re "P" reached us via Jim:

WUN-v10

4476 kHz: P; Prob Baltic Fleet HQ Kaliningrad 2100 CW At 2111 to 36-50/50/200 (Bee) with 3 T600 messages; P-marker; At 2130 "17744 37792 75842 33333 91554 = in OOK Morse followed by fast OOK Morse apparent 5LGs: EUHHAAAISDHISSSSSNEAAH = EEEEE NRSDT ENNAE EUUHH EUUHH ARTNI AIDNR TINEA RATDH HTUTD ... ETTIE THTRE (don't look right, so are they 5LGs?); Then 5FG msg in FSK morse 11111 86380 ... 71704 03045 K; Back to P-marker. Will investigate "fast OOK morse 5LGs" later. // 4031 kHz.

I examined the on/off keyed portion in Code30 and got only 88.9 Baud synchronous data with a possible ACF of 12. (It's very difficult to measure an on/off keyed signal as data). On copying again this portion as Morse, I'm left with the conclusion that it really is Morse, despite the lack of Cyrillic letters. It comes in groups of five letters and has a separative (=, BT) after the initial 15-letter leading EUHHAAAAAISDHI. (I copied it incorrectly, it should be EUHHAAAAAISDHI = SSSSS NEAAH EEEEE NRSDT ENNAE and so on). It ends ETTIE THTRE =
As to what the purpose of all these different modes on one outlet is, your guess is as good as mine!

Cluster beacons:

The European beacons were probably activated because of the Russian naval exercises, C, D, P and S were audible on all of the cluster frequencies with the exception of 3 MHz. The Asian beacons F, K and M were also active throughout the month.

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::: M08

ENIGMA has changed the designator of the M08a schedules to M08c. The reason was a change in the messages of M08a. Since December 2003 the Cubans are using "OE" for the old "AR" and "K" for the former "BT" in their format. The "E" in "OE" is more like a partial dit than a full dit. (info via Mark Slaten).

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::: M21

Logged on two frequencies: 3246.5 and 6330 kHz.

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::: M40

Our correspondent from Alaska, Attu Bosch, reports M40 activity.

6238 kHz: 1530 UTC, 22 August

VVV CQ 615.541 VVV CQ 615.541
VVV CQ 615.541 VVV CQ 615.541
VVV CQ 615.541 VVV CQ 615.541
VVV CQ 615.541 VVV CQ 615.541
VVV CQ 615.541 VVV CQ 615.541
VVV CQ 615.541 VVV CQ 615.541
VVV CQ 615.541 VVV CQ 615.541
BT BT
03484 17494 24439 86759 37318
80697 07825 29550 44573 57157
74531 77645 33908 20229 93691
08340 79932 80297 50957 91241
10262 63476 95495 69786 09985
51464 44272 42182 00762 81417
48804 54415 47064 78382 44353
08870 78604 89870 04085 43383
15410 AR AR

WUN-v10

RPT RPT VVV CQ 541 cq 541
 CQ 541 HR HR
 41 41 BT BT
 03484 17494 24439 86759 37318
 80697 07825 29550 44573 57157
 74531 77645 33908 20229 93691
 08340 79932 80297 50957 91241
 10262 62476 95495 69786 09985
 51464 44272 42182 00762 81417
 48804 54415 47064 78382 34353
 08870 78604 89870 04085 43383
 15410 AR AR SK SK

5408 kHz: 1510 UTC, 22 August

VVV CQ 541 CQ 541 CQ 541
 HR 41 41 BT BT
 03484 17494 24439 86759 37318
 80697 07825 29550 44573 57157
 74531 77645 33908 20229 93691
 08340 79932 80297 50957 91241
 10262 63476 95495 69786 09985
 51464 44272 42182 00762 81437
 48804 54415 47064 78382 34353
 08870 78604 89870 04085 43383
 15410 AR AR SK SK

6238 kHz, 1534 UTC, 21 August

CQ 615.541 CQ 615.541
 BT 41 41 BT
 03484 17494 24439 86759 37318
 80697 07825 29550 44773 57157
 74531 77645 43908 20229 93691
 08340 79932 80297 50957 91241
 10262 63476 95495 69786 09985
 51464 44272 42182 00762 81417
 48804 54415 47064 78382 34353
 08870 78604 89870 04085 43383
 15410

RPT RPT CQ 541 541 CQ 541 541
 BT 41 41 BT
 03484 17494 24439 86759 37318
 80697 07825 29550 44573 57157
 74531 77645 43908 20229 93691
 08340 79932 80297 50957 91241
 10262 63476 95495 69786 09985
 51464 44272 42182 00762 81417
 48804 54415 47064 78382 34353
 08870 78604 89870 04085 43383
 15410 AR AR SK SK

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::: M89

L9CC was observed on 7051, 7055, 7065, 7069, 7071, 7072, 7084, 7088.5 and 7098 kHz.

-0-0-0-0-0-0-0-0-0-0-

* VARIOUS MODES *

XSL - Japanese Navy "slot Machine" on 4153, 4231.5, 4291, 6250, 6417, 6445, 8313, 8588, 8703.5 kHz

XSW - Squeaky wheel on 3828.9 kHz

WUN-v10

S28 - The Buzzer on 4625 kHz

S30 - The Pip on 3756 kHz

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::: M42 / X06

Department of State Communications, Moscow.

Freq.	UTC	date	mode	remarks
16137	1054	31-7	MFSK-32/CROWD36	short msg "QSY 14568 16235 18454 QRU K"
16221	0752	31-7	Mazielka calls	
18247	0824	31-7	MFSK-32/CROWD36	traffic on link 00063
18506	0816	31-7	MFSK-32/CROWD36	traffic on link 60047

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::: RADAR

The ticks of the Iranian Radar were audible during a couple of days in August on +/- 14000 and 21000 kHz. The pulses are 12 kHz wide.

-0-0-0-0-0-0-0-0-0-0-

* UNID STATIONS *

::: 6825 kHz

Since mid-April a odd station pops up every now and then on 6825 kHz. It sounds quite musical. It has been heard in Europe with a good signal in the morning and between 1500-2000 UTC. Sometimes for hours.

I received a note from Dallas in New Zealand who has heard the signal between 1800-1900 UTC. He says that Radio China International has a powerful transmitter on 6825 kHz and a feeder of 10 kw on a sideband for SE Asia. It is quite possible that it is them playing around. RCI has several unlisted transmitters between 6825 and 6840 kHz.

You can find a sound sample on the N&O website at:
<http://home.luna.nl/~ary/>

-0-0-0-0-0-0-0-0-0-0-

* MILITARY STATIONS *

18.1 RDL: Russian Military VLF Site Krasnodar
18.1 RDL: Russian Military VLF Site Nizhny Novgorod
18.1 RDL: Russian Military VLF Site Arkhangelsk
3261 Ukranian Military. Callsigns: SS9A, CCTG, M1ET, OESO
3531 REA4: Russian Air Force HQ, Moscow. Broadcast to aircraft
//4357//7959 kHz.
3835 Russian Military. Callsign: GUVS. Broadcast message:
GUVS QTC 647 30 15 0340 647 = 8738 7385 2575 ...
5077 1426 477 = Repeats, ending RPT AL QLN AR. //3835.
LDBO alternate.
3844 Ukranian Military. Callsigns: HKCJ, XND9
3882 Ukranian Military. Callsign: J490
4031 Russian Navy Kaliningrad. Channel marker "P" + at least 3
messages in T600. //4476 kHz.
4051 Ukranian Military. Callsigns: 1B6Q, 1LPV, DKAY
4467 Russian Military. Callsigns: BCVG, CZXF, SV5P, ABL1, ZJDQ,
PJYT, 3GMS, Q50G. QSX 5874 kHz.
4476 Russian Military. Callsign: RDL + "P" marker. Morse message
83129 54156 ??887 33333

WUN-v10

4811 Callsign: TUAR
4825 UNID. Russian Military??? Mode: LSB. Encrypted messages in Russian transmitted every 2 minutes.
Examples: "06 16th 534 19 in 69th for 46 2
0638 534 65 in 92nd for 46 2
in 92nd for 46 2
0709 73 in 34th for 46 2
07 75th 534 39 for 46 2"
(Note that one of the last groups represents the time (minutes) like "46" and "37" in the following log.)
4825 Nabor-61 counting from 1 to 0 (recorded YL). Radio check with Lotos-05. "000" called "vozdukh" and worked with 001, 002, 003, 004, 005, 006. Every minute a message was transmitted.
Example: "first five 09 in 32 to 3rd for 37"
Shpora-19 calling Lotos-05; "ASA" calling "SJA"
5210 Russian Military: Callsigns: AZART, TRESK
5874 Russian Military. Callsigns: KN1B, 4FTB, QSX 4467 kHz
6148 Callsign: ZY6V with 5LGs in Cyrillic.
6767 Russian Military. Callsigns: SJ7X, 2YW9
6846 Russian Military. Callsigns: A7W7, BEKE, 4CMR, GRAR, 6VFF, DKJU, L3Z6, JFQ2, MKLC, VGBE, F9ZC, WPXB, B74U. QSX 5879 kHz.
7614 RGT77: Russian Military
7629 RIW: Naval HQ Moscow wkg/RGV82
7959 REA4: Russian Air Force HQ Moscow. //4357//3531 kHz
8816 RJF94: Central Sector Control Stn Moscow. Reads back message to aircraft ..128 'RJF94 QQM XLAA 1128 K'.
47896: Russian Naval Aircraft wkg RJF94/Moscow Control "QTO 1230 QRD XLMO XLAA QBD 3700 QRE 1400 RPT AL K'. RJF94 repeats back. (Airborne 1230. Bound for XLMO from XLAA. Endurance 3hrs 7mins. ETA XLMO 1400UTC).
8778 Russian Military. Callsign: HTDI
9913 Russian Military. Callsign: W5W7, ARP6
9288 Russian Military. Callsigns: KGG9, GEAE, KNKK, QOKV, 2SIK
11000 RIW: Russian Navy HQ Moscow wkg/RKW95 and RHN85
11418 RMP: Russian Navy Kaliningrad wkg/RHN85, requesting QSX on 8302 & 8454 kHz
12374 RHN85: Russian warship wkg RIW on 12398 kHz.
12398 RIW: Naval HQ Moscow wkg RHN85
12832 RDL: Russian Military
13479 REA4: Air Force HQ Moscow
14141 RJF94 wkg/RFJ95. QSX 18136 kHz
14148 RGT77: Russian Military
16912 RDL: Russian Military //18.1 kHz

-0-0-0-0-CONET-0-0-0-0-

THE WUN QSL CENTER
Deadlines: 15th of each month

John (J.D.) Stephens
P.O. Box 11522
Huntsville, AL 35814-1522, U.S.A.

E-Mail: jds1@bellsouth.net

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Thanks to two of WUNs finest, we have an "all-ships" QSL column this month. Nice reports, Andreas and Ewald !!
=====

NETHERLANDS: ICWC - MT Mary wonsild. 2182 PFC in 7 ds. V/s states Rotterdam

WUN-v10

Port as location when monitored. Address: Wonsild & Son
A/S,
Kvaesthusgade 6, 1251 Copenhagen, Denmark. (EW)

INTERNATIONAL WATERS: HBLO - MS Bariloche. 2182 PFC in 97 ds. Address:
Suisse-Atlantique, Societé de Navigation Maritime
S.A., Avenue des Baumettes 7, Case Postale 48,
CH-1020 Renens 1, Switzerland. (EW)

WADX - MT Maersk Rhode Island. 2182 PFC in 75 ds.
Address:
Maersk Line Ltd., 120 Corporate Boulevard, Suite 400,
Norfolk, VA 23502-4952, USA. (EW)

LAEA5 - MV Autoprogress. 2182 PFC in 7 ds. Address:
UECC
(Norway) AS, P.O.Box 265, N-4892 Grimstad,
Norway.
(EW).

SGLN - MV Autoracer. 2182 PFC in 20 ds. Address: Same
as LAEA5 above. (EW)

ITNA - MN Domiziana. 2182 PFC in 23 ds. Address:
Tirrenea di Navegazione S.P.A., 2 Rione Sirignano,
80121 Napoli, Italy. (EW)

HBEC - MV Claudia. 2182 PFC, 1tr, & info in 2 ds.
Address:
Enzian Shipping AG, Zürcherstr. 137, 8952 Schlieren,
Switzerland. (EW)

MMRW7 - MV Grampian Dee. 2182 PFC in 19 ds. Address:
North
Star Shipping Co. Ltd., 207 Albert Quay, Aberdeen,
AB9 2FS, United Kingdom. (EW)

GCLH - MV Grampian Venture. 2182 PFC in 10 ds.
Address:
Same as MMRW7 above. (EW)

VSMW7 - MV Highland Navigator. 2182 PFC in 18 ds.
Address:
Gulf Offshore N.S. Ltd., 184-192 Market St., Aberdeen,
AB 11 5PQ, United Kingdom. (EW)

CRXY - MV Lima Chemist. 2182 PFC in 28 ds. Address:
Trans-
Ocean Ship Management GmbH, 45 Palmaille, 22767
Hamburg,
Germany. (EW)

PBJI - MV Volvox Olympia. 2182 PFC in 39 ds. Address:
Van Oord ACZ, Jan Blankenweg 2, 4207 HN Gorinchem,
The Netherlands. (EW)

PEVM - MV Ikiena. 8414.5 PFC in 103 ds. Address:
Arklow Shipping Ltd, North Quay, Arklow, Co.
Wicklow, Ireland. (AI)

3FJP8 - MV Nyk Sirius. 16804.5 PFC in 137 ds. Address:
Aquarius Shipholding Navigation S.A., 53rd St.,
Urbanizacion Obarrio, Torre Swiss Bank
16th Floor,
Panama City, Panama. (AI)

Abbreviations used:

f/d = Full data p/d = partial data n/d = no data
 cd = QSL card ltr = ltr V/s: = Verification Signer
 ds = ds wks = weeks ms = mint stamps
 f/up = follow up SASE = Self-Addressed Stamped Envelope
 PFC/ppc = Prepared Form Card

This month's contributors:

Ewald Glantschnig - Geneva Switzerland (EW)
 Andreas Ibold - Alpen, Germany (AI)

See you next time...

73 de JDS.

 ##### UTILITY ROUND-UP #####
 Editor: Ary Boender (ary@luna.nl)
 Nickname on #monitor & #wun: Ary-B

Well, here we are again with another month of utility news and reports. Max, Han, Jim, Ivan, Walter, Klaus and the dxers who prefer not to be mentioned, THANKS for your input! As usual I have included a summary of the intruder reports from the IARUMS and DARC Bandwacht.

Unfortunately our Nautical News editor, Robert Maskill has had to step down as editor and we now have to find a successor. Until we find a new editor, the nautical news will be included in Day's Digital Review (digital modes) and voice and cw items will end up in this column.

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* NAUTICAL NEWS *

Where has all the WT gone? - follow-up.

Last month the list given in the Nautical News column was:

Cerrito/CWA	17230.1
Guangzhou/XSQ	8458
Hai Phong/XVG	8470
Jakarta/PKX	17239.7
Kaliningrad/UIW	12877.5 16927
Makassar/PKF	8686
Murmansk/UDK2	13050
Pajaritos/XFF2	6442.6
Rome/IAR	4292 4320 8670 13015.5 17206.1
Seoul/HLF/HLG/HLJ/HLO/HLS/HLW	8484 8636 12843 12916.5 12923 12935
	16910 17130 22611.5
Sevastopol/URL	12735 17147
Shanghai/XSG	8502
Tianjin/XSV	4283 8600 12969

Since then the following have been logged/added by Murray Lehman, Tony Paredes and Jim Dunnett (to whom thanks)

Cerrito/CWA	421.5 4346 8602 12750
Dalian/XSZ	6333.5 8694
Guangzhou/XSQ	8514 12700 12973
Ho Chi Minh/XVS	8590
Jakarta/PKX	8542 12970.5

	WUN-v10
Pyongyang/HMZ	8664.4
Semarang/PKR	8461
Seoul/HLO	16990
Shanghai/XSG	8665 12856 17103

So the above looks like the remaining WT services available world wide. There may be a few others (Russian) which operate both CW and Third Shift Cyrillic rtty.

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* UTILITY ROUND-UP *

From Max I received a note that had heard a couple of stations on the hurricane net. Nice, Max! I live about 150 km from Max's location in the Netherlands, but to my regrets I still have not heard a sound on 10493 kHz. WGY912; NMN; NNN0TWT; WGY912, WGY9413 were heard on 13 Aug. at 2200-22315 UTC. WGY9413 called AAR3KQ. Can anyone identify AAR3KQ?

<<<<>>>>

I have two "must see" websites for those of you who are interested in impressive antenna sites. I am talking about the well known former LF transmitter at Rugby. For a long time this was the most powerful transmitter in the world. The mast of time signals station MSF is one of the two antennas that are still in Rugby.

http://www.subbrit.org.uk/sb-sites/sites/c/criggion_radio/index5.shtml
http://www.subbrit.org.uk/sb-sites/sites/r/rugby_radio/index2.shtml
 Excellent pictures and very nice movies!

<<<<>>>>

A new LF station is expected on 135.6 kHz from a transmitter site at Lakihegy, Hungary. Power: 100kw. The station will be operated by Antenna Hungary. It will transmit ripple control messages in FSK mode. The information does not state when the station will go on the air.

<<<<>>>>

"Radioscape" is a project of Edwin van der Heide that took place in the Netherlands in July and August. The following info was derived from Edwin's website at <http://www.evdh.net/radioscape.html>

"The city centre as acoustic labyrinth is the metaphor for Radioscape. The visitor can fetch the specially designed radio receiver at a destined place and enter an area in which twelve transmitters are placed. As you move around, the receiver will pick up different layers of sounds transmitted by the different transmitters. All transmitters are broadcasting on exactly the same frequency. The sounds from two or more transmitters can mix in the receiver, creating a constantly changing balance. As you walk, one sound will slowly takeover from the previous while for example a third one is present in the background. Twelve transmitters are installed throughout the area, each producing it's own electromagnetic sound field. Each visitor navigates it's own way through this labyrinth of radio waves, giving each listening route a unique composition. The sound already transforms by moving only a couple of meters. The city is turned into sound and visitors create their own sound scape. The sounds are inspired on CB patterns and SW tuning sounds. Never literally referring but nevertheless creating one whole complex dynamically changing multi dimensional environment."

Radioscape took place on 20 July/3 August in Arnhem, 5/9 August in Apeldoorn and 10/14 August in Nijmegen. Edwin did a similar project in 2000.

The frequency was 1725 kHz USB.

If you want to know how it sounded, drop me a line and I'll send you a short MP3 sample.

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* AFRICAN REPORT *

7005.0 kHz: Christian missions in Dodoma, Mbesa, Dar es Salaam, Mtwara, Tunduru, Masasi, Njoka and Songea. Languages used on this net: Kiswahili, German, English.

7022.5 kHz: Agricultural estates, northern Tanzania. Id's: MD Arusha, Naberera, KT, Poverty.

7023.0 kHz: This is a fairly new net; possibly a transport net. Id's: Dar es Salaam, Arusha, Morogoro, Songea, Kilosa? Mpwapwa?, Kartar Singh. Languages heard on this network: Kiswahili, Gujerati or Punjabi? Schedules noted at 0900 and 1100 UTC but they tend to vary. Also heard on 7318 kHz.

7045.0 kHz: Tanzania Electricity Supply Co. (TANESCO) with over 30 stations.

7045, 7050, 7070 and 14000 kHz: Unid medical NGO operating in Zaire, Sudan, Somalia and Uganda. Id's: BI, ML, FM, SL, Zero, Quarante, 95, KE, CC, CE, CJ, CM, Goma, JM, JK, CN, KT, JA, DK, KM, MM, DJ, BC, NI3, YL, AL, K1, NI, Mai. Languages on this net: English, vernaculars, Kiswahili, Dholuo, the last predominating. Definite connection with Kenya but no traffic heard. Also on 12000 kHz LSB and 14450 kHz LSB.

Fishery traffic from the Morocco area can be heard on 10102, 21002 and 28002 kHz USB.

The Brothers of Charity in Congo, Rwanda and Burundi were observed on 14300 kHz LSB, 21021 kHz USB 21068 kHz USB and 21041 kHz USB. Id's: Sierra, AD, DK, DL, Mike and other self constructed callsigns.

Ukrainian peacekeeping forces in west Africa (possibly Sierra Leone) are using various frequencies for phone patches to their loved ones. The frequencies are 14040, 14050, 14055, 21150 kHz USB. Schedules on Sundays from 1000 to ca. 1400 UTC.

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* HF BEACON REPORT *

Most of the beacons were logged by walter Capozza from Italy and Ivan Dias from Brazil (2 MHz logs). walter forwarded a note from Mr. Enrico Oliva who says that he has set up a new 10 meter beacon in Shiraz, Iran (LL69GO). The callsign is EP4HR/B and the beacon operates with 5W on 28197 kHz. It transmits the following message: "vuv de ep4hr/b ll69go pwr 5w ant gp pse qsl email ep4hr@yahoo.com"

wolf has sent me an impressive list of non-amateur 10 meter beacons. The list is 44 pages long and that is a bit too much for the WUN newsletter :-). If you are interested you can download the pdf file from the DARC reference pages.

Go to http://www.darc.de/referate/hf/bandwacht/region_1/index.html and click on "Liste Treibnetzbojen".

Gentlemen, thanks for your contributions.

UTC	Frequency	Callsign	Remarks
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0028	2022	CRYEE	Drift net beacon (presumed)
0015	2033	CM9	Drift net beacon (presumed)
0042	2064	T2	Drift net beacon (presumed)
0005	2065	AXEEE	Drift net beacon (presumed)
0001	2084	AIVEE	Drift net beacon (presumed)
0053	2101	AMW	Drift net beacon (presumed)
0209	2117	PGOEE	Drift net beacon (presumed)
0215	2132	AA8	Drift net beacon (presumed)
0218	2132	WW3EE	Drift net beacon (presumed)
0231	2182	GY6	Drift net beacon (presumed)
0236	2190	ET6	Drift net beacon (presumed)
2251	2268	AN69	Drift net beacon (presumed)
2302	2292	3AWM	Drift net beacon (presumed)
2106	5194	DRA5	DARC propagation marker
0624	10144	DK0WCY	DARC aurora beacon
0420	14100	4X6TU	
0515	14100	CS3B	
1353	14100	OH2B	
1407	14100	RR90	
0420	14100	VE8AT	
0551	14100	W6WX	
2210	14100	YV5B	
0420	14100	ZL6B	
2236	18110	4U1UN	
1544	18110	CS3B	
0550	18110	RR90	
1025	20209	EI0TEN	
1018	28110	F5KCK	
1134	28182.5	SV3AQR	
1440	28200	4X6TU	
0918	28200	CS3B	
1400	28200	OH2B	
1115	28209	EI0TEN	
1232	28215	GB3RAL	
0835	28219	5B4CY	
0841	28220	F5SN	EE male voice. ID + locator
1658	28220	5B4CY	
1305	28233.5	OH5RAC	
0903	28236	NM	Drift net beacon (presumed)
0722	28237.5	LA5TEN	
1147	28243	F5TMJ	
0912	28257.5	DK0TEN	
1014	28263	EA4DAT	
1022	28265	DF0ANN	
1311	28268	OH9TEN	
1632	28276	GG	Drift net beacon (presumed)
1124	28277.5	DF0AAB	
1026	28282.5	OK0EG	
1038	28282.5	OK0EG	
0639	28290	SK5AE	
0608	28292.5	SK0CT	
0030	28302	PI7ETE	
0807	28321	AL	Drift net beacon (presumed)
1123	28321	DL5KZ	

-0-0-0-0-0-0-0-0-0-0-

* INTERNATIONAL LIGHT HOUSE WEEKEND *

The International Lighthouse/Lightship weekend was on 21/22 August this year. Unfortunately I didn't have much time and the conditions were also not very good. Over 330 stations in 34 countries were on the air. Check the ILHW website for a list of the participating stations:
http://illw.net/2004_list.htm

One of our members, Charly, writes "I was one of the Lighthouse OPs. Activated two light houses during this weekend." He worked a large number of light houses. "The highlights", he said, "are ZY6LHB (1st

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time active) and our friend Costas from Greece ;-)"

Costas worked a number of stations himself. His light house log list is as follows:

14139 UE6AWF/P Aheleon light, Ukraine
 14188 LA1G Jomfuland light, Norway
 14198 TA9J Hopa Light, Turkey
 14203.6 GB0BTL Belle Tout Light, England
 14210 LA2KOA Osko Light, Norway
 14245 II3T Victory light, Italy
 14246 G3PRC/P Heysham S.Breakwater Head light, England
 14248 TA7KB Yoroz Burnu Feneri Trabzon light, Turkey
 14253 SP5PB/1 Swinoujscie light, Poland
 14254 LY2UF/P Uostadvaris light, Lithuania
 14255 IU1L La Laterna, Italy
 14260 UU9JWM Khersonesskiy light, Ukraine
 14277 GB1SSL South Stack light, wales
 14278 OE3KLU/4 Podersdorf, Neusiedlersee light, Austria
 14279.8 IO/N6CY Faro Monte Orlando, Italy

As I said, I didn't have much time but I was able to log a couple of stations myself:

14208 EA3 Islas Medas light, Spain
 14245 PA3HIW Willemstad light, Netherlands
 14251 CQ0RLH Cabo Raso light, Portugal
 14251 OH6NR Salgrund light, Finland
 14255 IU1L La Laterna, Italy
 14256 CU3EJ Sao Mateus light, Pico Island, Azores
 14257 OH2ET Suomenlinna light, Finland
 14261 CU3AA Ponta da Ilha light, Pico Island, Azores
 14282 GB2LT Tunberry lighthouse, Scotland

-0-0-0-0-0-THAT'S ALL FOLKS-0-0-0-0-0-

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WUN LOGS COLUMN

Aug 2004

Edited by Eddie Bellerby (eddiebellerby@tiscali.co.uk)
 ably assisted by the following logs collectors:-
 Jim Dunnett mail@sideband.fsnet.co.uk
 Bob Yellen byellen250@charter.net
 Steve J. Walker stevew@bucks.net

=====

00018.1 RDL: Russian Military VLF Site Arkhangelsk 1550 36-50/50/65
 Routine T600 msgs. // 16912. (03Aug04) (RGA)
 00018.1 RDL: Russian Military VLF Site Nizhny Novgorod 1528 36-50/50/65
 One message. (26Jul04) (RGA)
 00018.1 RDL: Russian Military VLF Site Nizhny Novgorod 1628 36-50/50/65
 One T600 message. (10Aug04) (RGA)
 00068 GBY20: RN LF Bcast 1600 UNID/50/75 Cipher. North or South of
 51N 03W. (25Jul04) (RGA)
 00082.8 MKL: RAF 2 Group MATELO Bcast 1520 NATO-75/75/70 Blocked
 KG84 messages. // 4732 8988 (26Jul04) (RGA)
 00283.5 742: Dziwnow, POL 1735 DGPS/100 sync at times (14Aug04) (KB)
 00285.5 693: Stirling, G 2102 DGPS/100 type 9 msgs (11Aug04) (KB)
 00286.5 469: Porquerolles, F 2015 DGPS/100 poor sync due to lengthy type

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1 msg(s) (11Aug04) (KB)
00286.5 823: Skomvaer, NOR 2106 DGPS/100 sync at times
(13Aug04) (KB)
00287 606: Klamila, FIN 2020 DGPS/100 Type 9 msg(s). Remarkably strong
in D (11Aug04) (KB)
00287.5 601: Maentyluoto, FIN 2200 DGPS/100 type 9 msg (13Aug04) (KB)
00287.5 715: Torshavn, FRO 2120 DGPS/100 sync at times (11Aug04) (KB)
00288.5 670: Tory Island, IRL 0207 DGPS/100 type 9 (07Aug04) (KB)
00288.5 670: Tory Island, IRL 2136 DGPS/100 uncorrupted type 9 msg(s) at
times (11Aug04) (KB)
00289 724: Jaernas, S 2048 DGPS/100 type 9 msg(s) (13Aug04) (KB)
00289.5 700: Hammer Odde, DNK 2023 DGPS/100 type 9 (11Aug04) (KB)
00290 705: Blavands Huk, DNK 2025 DGPS/100 type 9 (11Aug04) (KB)
00290.5 693: Flamborough Head, G 2104 DGPS/100 type 9 (11Aug04) (KB)
00291 691: Wormleighton, G 2026 DGPS/100 type 9 msg(s) (11Aug04) (KB)
00291.5 685: Sumburgh Head, G 2105 DGPS/100 type 9 (11Aug04) (KB)
00292 720: Holmsjoe, S 2026 DGPS/100 type 9 msg(s) (11Aug04) (KB)
00293 732: Kullen, S 2027 DGPS/100 type 9 msg(s) (11Aug04) (KB)
00293.5 411: Reykjanes, ISL 0203 DGPS/100 type 9 msg(s) (07Aug04) (KB)
00293.5 600: Porkkala, FIN 2051 DGPS/100 type 9 msg(s) (13Aug04) (KB)
00293.5 764: Iffeheim, D 2033 DGPS/100. Land station (48n50 08e07) for
Rhine river shipping. On trial operation (11Aug04) (KB)
00294 428: Vlieland, HOL 2037 DGPS/200 type 9 msg(s). "428" is tx stn
number rather than GPS ref stn number (11Aug04) (KB)
00294.5 522: Cala Figuera, E? 2126 DGPS/100 occas. sync (13Aug04) (KB)
00295.5 531: Narva, EST 2005 DGPS/100 type 9 msg(s). "531" is tx stn
number, not GPS ref stn number (13Aug04) (KB)
00295.5 684: Butt of Lewis, G 2133 DGPS/100 type 9 (11Aug04) (KB)
00296 710: Skagen, DNK 2039 DGPS/100 weaker than other stations from
that area (11Aug04) (KB)
00296.5 736: Gothenburg, S 2040 DGPS/100 type 9 msg(s) (11Aug04) (KB)
00297 86: Odesskiy, UKR 0155 DGPS/200 occasional uncorrupted
headers in noise and QRM by Girdle Ness, G (07Aug04) (KB)
00297.5 730: Hoburg, S 2043 DGPS/100 type 9 msg(s) (11Aug04) (KB)
00298 734: Nynaeshamn, S 2044 DGPS/100 type 9 msg(s) (11Aug04) (KB)
00299 460: La Hague, F 2109 DGPS/100 poor sync due to lengthy type 1
msg(s) (11Aug04) (KB)
00299.5 688: North Foreland, G 1904 DGPS/100 type 9 (13Aug04) (KB)
00299.5 726: Skutskaer, S 2048 DGPS/100 occas. copy (11Aug04) (KB)
00301 546: Turkeli, TUR 0140 DGPS/200 occasional uncorrupted type 9
msg(s) in noise (07Aug04) (KB)
00301 744: Rozewie, POL 2020 DGPS/100 type 9 msg(s) (10Aug04) (KB)
00301 820: Bjornoya, NOR 2133 DGPS/100 type 1 msg(s) (13Aug04) (KB)
00301.5 535: Klaipeda, LTU 0140 DGPS/200 type 9 msg(s) (07Aug04) (KB)
00301.5 604: Turku, FIN 2049 DGPS/100 type 9 msg(s) (10Aug04) (KB)
00302 733: Hjortens Udde, S 2010 DGPS/100 occas. sync (13Aug04) (KB)
00302.5 760: Koblenz, D 2005 DGPS/200 tests w/200 bps (10Aug04) (KB)
00304 783: Lista, NOR 1908 DGPS/100 type 1 msg(s). Apparently both
listed ref. numbers 783 and 813 in use (13Aug04) (KB)
00304 813: Lista, NOR 2051 DGPS/100 type 1 msg(s) (11Aug04) (KB)
00306 681: Lizard, G 2117 DGPS/100 type 9 msg(s) (11Aug04) (KB)
00307 530: Ristna, EST 0200 DGPS/100 type 9 msg(s) (07Aug04) (KB)
00307.5 547: Kumkale, TUR 0135 DGPS/200 occasional uncorrupted
headers in noise (07Aug04) (KB)
00307.5 728: Kapellskaer, S 2013 DGPS/100 type 9 msg(s) (13Aug04) (KB)
00308 761: Gross Mohrdorf, D 1905 DGPS/100 type 9 msg(s). Wrong
frequency 308.5 in my log of 04Aug04, sorry (13Aug04)
(KB)
00309.5 689: Nash Point, G 2315 DGPS/100 occas. sync (11Aug04) (KB)
00310 466: Cap Ferret, F 2053 DGPS/100 type 1 msg(s) (11Aug04) (KB)
00310.5 780: Faerder, NOR 2053 DGPS/100 type 1 msg(s) (11Aug04) (KB)
00311 005: Shepelevskiy, RUS? 2020 DGPS/100 type 1. Shepelevskiy
formerly id'd itself as 002 (13Aug04) (KB)
00312.5 425: Hoek van Holland, HOL 2111 DGPS/200 type 9. "425" is tx stn
number, not GPS ref stn number (11Aug04) (KB)
00313 785: Utsira, NOR 2056 DGPS/100 type 1 msg(s). Apparently both
listed ref. numbers 785 and 815 in use (13Aug04) (KB)
00313 815: Utsira, NOR 2056 DGPS/100 type 1 msg(s) (11Aug04) (KB)

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00313.5 532: Cabo S Sebastian, E? 2120 DGPS/100 type 9 (13Aug04) (KB)
 00314.5 605: Marjanieniemi, FIN 2118 DGPS/100 type 9 msgs (13Aug04) (KB)
 00314.5 765: Bad Abbach, D 2128 DGPS/100. Land station (48n56 12e02)
 for Danube river shipping. On trial operation. Occasional
 copy in
 NDB QRM (11Aug04) (KB)
 00442 : Unid 0115 UNID DIG "noise-like" mode, @1.5 kHz wide. Roughly
 NE-SW from NW Germany (07Aug04) (KB)
 00518 NMF: USCG Boston MA USA 1645 FEC/100/170 ZCZC FA24.
 USCG GANTSEC BCST VHF-FM. A. COMDTINST M2000.3(C). B.
 ITU REGULATIONS. CG GANTSEC BNM 212-04 WEST INDIES -
 CARIBBEAN SEA - ENSENADA DEKITY, CULEBRA ISLAND -
 PUERTO RICO 1. S/V BLITZ IS REPORTED AGROUND IN
 VICINITY OF ENSENADA DEKITY OFF CULEBRA ISLAND. 2. CX
 AT 260815Z JUL 04. NNNN. (25Jul04) (APB)
 00518 NMG: USCG New Orleans 0328 NAVTEX "ZCZC GA52
 CCGDEIGHT INM 01717-0 GULF OF MEXICO 9 - PANAMA CITY 1.
 BEGINNING AT 9:00 A.M. UNTIL 12:00 NOON, JULY 20, 21 AND
 22, 2004, THE U.S. NAVAL SURFACE WARFARE CENTER,
 PANAMA CITY, WILL BE INSTALLING AIR DROPPED TARGETS.
 DURING THIS TIME VESSELS ARE URGED TO STAY CLEAR OF
 THE AREA. TESTING WILL CONTINUE UNTIL APPROXIMATELY
 AUGUST 4, 2004...." (Goes on to give details of the
 actual area -
 too long for log - Team Logs). (02Aug04) (GB)
 00518 ZSJ: SAN Hydrosan Silvermine 1237 FEC Navtex - Navwarngs.
 (13/Aug/04) (RH2)
 02072.1 ---: GERMANY CG UNID 1934 arq 100/E/170 Tfc in GG then into irs,
 finally offair. 2110z selcals QDPT 89440 DBPG/Mellum. Tfc
 in GG.
 (10/Aug)(DW)
 02187.5 ECA6: MRCC Madrid 2059 GMDSS All ships alert for voice
 bulletin on 2182. (16Aug04) (RGA)
 02187.5 ECA6: MRCC Madrid 2223 GMDSS CQ alert for MSI voice bcast
 on 2182. (16Aug04) (RGA)
 02187.5 EJK: ValenciaRadio IRL 2110 GMDSS BQs British ship
 Activity/GCCP. Safety. (16Aug04) (RGA)
 02187.5 IBLE: Italian Ship Turchese 2133 GMDSS RQs Turku MRCC for
 safety check. (16Aug04) (RGA)
 02187.5 LARI5: Norwegian Ship Laska 2242 GMDSS RQs
 GöteborgRadio/SAB For safety test. (16Aug04) (RGA)
 02187.5 P3ZR8: Cypriot Ship Delmas Jacaranda 2116 GMDSS RQs
 Antwerpen for Safety check. (16Aug04) (RGA)
 02187.5 ZDFD5: British Ship Baltic Skipper 2222 GMDSS RQs Humber
 Coastguard for safety check. (16Aug04) (RGA)
 02187.5 ---: GMDSS ALERT CHANNEL 0000 DSC//100/E/170 Coast Stns
 logged. Clyde, 0031 valentia, 0057 Aberdeen, 0102 Varna,
 0316
 Assiaat, 0510 Tjome, 0526 Milford Haven, 0555 Torshaven
 (17/Aug)(DW)
 02187.5 ---: GMDSS ALERT CHANNEL 2130 DSC 100/E/170 Coaststations
 logged. witowo, 2133 Olympia, 2134 Turku, 2145 Lyngby,
 2201
 Floro, 2212 Madrid, 2222 Humber, 2237 Palermo, 2238 La
 Garde,
 2305 Corsen, 2307 Coruna, 2311 Malaga, 2323 Oostende,
 2330
 Goeteborg, 2331 Shetland, 2359 Malin Head (16/Aug)(DW)
 02187.5 : MalagaRadio SPA 2144 GMDSS BQs Coruña Radio giving 2182
 kHz for J3E. (02Jul04) (RGA)
 02187.5 BOUA: PRC Ship Wu Jiang 2043 GMDSS RQs CROSS Corsen
 FRA safety check. (29Jul04) (RGA)
 02187.5 C6MX5: Bahamas Registered Vessel Hein 2217 GMDSS RQs
 ReykjavikRadio for safety check. (02Jul04) (RGA)
 02187.5 EHY: MadridRadio 2128 GMDSS Self-addressed call announcing
 MIB on 2182 kHz and again at 2129z. (02Jul04) (RGA)
 02187.5 EI5084: SHIP AVONTUUR 2141 DSC 100/E/170 Distress call.
 MMSI 250348000. Undesignated distress posn 51.02N 6.18W.

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Error free (08/Aug)(DW)
02187.5 ESID: Lithuanian Ship Maya 2132 GMDSS BQs Coruña Radio for safety check. (02Jul04) (RGA)
02187.5 GFLE: British Ship Hoomoss 2036 GMDSS RQs Falmouth MRCC for safety check. (29Jul04) (RGA)
02187.5 LAMS5: Norwegian Ship Ek-Sky 2128 GMDSS Calls self with apparent safety test. (02Jul04) (RGA)
02187.5 LAXQ4: Norwegian Ship Harmon 2253 GMDSS RQs unknown Swedish station (002655100) for safety test. (02Jul04) (RGA)
02187.5 LFI: RogalandRadio NOR 2249 GMDSS BQs safety test with British Vessel Toisa Independent/VQHR9. (02Jul04) (RGA)
02187.5 LYCC: Lithuanian Ship Musa 2218 GMDSS BQs GöteborgRadio for safety check. (02Jul04) (RGA)
02187.5 MWJZ5: British Ship Normand Ondur 2149 GMDSS RQs Aberdonian/MLHC2 for telephone conversation on 2024.6 kHz. (02Jul04) (RGA)
02187.5 P3DM9: Cypriot Ship Baltic Chief I 2255 GMDSS RQs LyngbyRadio for safety check. Lyngby BQs. (02Jul04) (RGA)
02187.5 PBHY: Netherlands Ship John Paul K 2301 GMDSS RQs ReykjavikRadio/TFA for safety check. (02Jul04) (RGA)
02250 OWK: RDAF HQ Vedbaek 2036 ALE/USB Calls OWK/Unid RDAF unit. (25Jul04) (RGA)
02531 OWF: RDAF Skrydstrup 2036 ALE/USB Calls OWI/RDAF Aalborg. Modem activity. (25Jul04) (RGA)
02582.0 Bermuda Harbor Radio: 0046 USB caught at sign off. 06/17 RP3
03137 ICZ: US NAS Sigonella ITA 2053 ALE/USB Sounding. (27Jul04) (RGA)
03203 L: MX Beacon St Petersburg CW. (14Aug04) (WC)
03235.5 C0800N: (possible US Army): 0249 USB/ALE sounding. 06/21 RP3
03261 CCTG: Ukrainian Military 2302 CW Bcast message SS9A de CCTG QTC 259 52 15 0200 259 = 643 = AAAAA CIKJC ... VXBuO ADKDK. Repeats ending RPT AL QLN (repeat back entire message on landline). (14Aug04) (RGA)
03261 M1ET: Ukrainian Military 2135 CW Msg for OESO Sent blind after 10 minutes calling without response. QTC 993 63 28 0010 993 = 125
179 013 = AAAAA YKSHO oVOSR ... IDAKZ oVRSL BZKEK = RPT AL QXS K. (27Jul04) (RGA)
03275 JP40: Algerian MOI 2054 ALE/USB Calls JP57. (27Jul04) (RGA)
03531 REA4: AFHQ Moscow 2041 CW 25200 bcast to aircraft. //4357 7959. (25Jul04) (RGA)
03835 GUVS: Russian Military 2341 CW Bcast message: GUVS QTC 647 30 15 0340 647 = 8738 7385 2575 ... 5077 1426 477 = Repeats ending RPT AL QLN AR. //3835. LDBO alternate. (14Aug04) (RGA)
03844 HKCJ: Ukrainian Military 2053 CW Comms check with XND9. (29Jul04) (RGA)
03850 KUPERJ: Estonian Single Inf Bn Kuperjanov 2125 ALE/USB Calls PARNUYJP/Estonian Single Infantry Battalion Pärnu. (31Jul04) (RGA)
03850 PARNUYJP: Estonian Single Infantry Bn Pärnu 2041 ALE/USB wkg KUPERJANOVIYJP/ Estonian Single Inf Bn Kuperjanov. Then works ROK/Peace Operations Centre. (27Jul04) (RGA)
03855 DDH3: Deutsche Wetter Dienst via Pinneberg 1842 FAX/120/576 Good European pressure chart. Testing Skysweeper decoder. (15Aug04) (RGA)
03882 J490: Ukrainian Military 1949 CW J490 R 238 K. Sending station too weak. (15Aug04) (RGA)
04014 ZSJ: SAN Silvermine 1705 RTTY Coastal & Hi Seas wx. (16/Aug/04) (RH2)
04031 P: Russian Military/Navy Kaliningrad 1908 36-50/50/180 At least 3 messages in T600. Then P marker. (15Aug04) (RGA)
04032.7 ZSJ: SAN Silvermine 1855 MFSK32/54.5 Crypto //6410//12947.5//8609 (13/Aug/04) (RH2)
04051 1B6Q: Ukrainian Military 2017 CW Msg for 1LPV. 1LPV de 1B6Q 962

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61 28 2305 972 = 511 = 11111 15852 39903 ... 77127 28059
= QLD K

06846 L3Z6: Russian Military 2021 CW QTC ZII to collective
JFQ2. L3Z6 101 24 29 0010 101 = ZII 368 = PPPPP ANOMJ
ZNaXa... ANOMJ ZNaXa 035 K. Calls MKLC VGBE F9ZC WPXB in
turn for QSLs. Correspondents not audible on QSX 5879
kHz.
(28Jul04) (RGA)

04051 DKAY: Ukrainian Military 2148 CW Msg to unid. DKAY 462 56 28
0040 462 = 344 186 013 = AAAAA OATND STTNA ... (End lost -
faded). (27Jul04) (RGA)

04085.0 fishermen: 0611 USB span d/x Jun24 04 ML
04134.5 fishermen: 0614 USB french d/x Jun24 04ML
04194.5 : Unid Ship 1913 GLOBEDATA On RogalandRadio/LFI input freq.
(15Aug04) (RGA)

04207.5 ---: SHIP UNID 2210 DSC 100/E/170 MMSI 477360500. C1ng Rome
safety/test (18/Aug)(DW)

04207.5 3FWZ5: SHIP PEGASUS P 2227 DSC 100/E/170 MMSI 355315000.
C1ng USCG Boston safety/test (18/Aug)(DW)

04207.5 UIMO: SHIP NORD-VEST 2311 DSC 100/E/170 MMSI 273417400.
Intership call/routine (illegal this freq) to
Fortouna/UFHH
(18/Aug)(DW)

04295 FUE: FN Brest 1920 RTTY/75/850 VZCZCABC001 All de FUE
(Tests) NNNN K. (15Aug04) (RGA)

04321.7 MGJ: RN Fleet Bcast System 1929 MCVFT Carbs in channel 3.
(15Aug04) (RGA)

04366.0 RCC: Petropavlovsk 1300 CW / Naval comm's with: RMK22 RJP83
(14/Aug/2004) (Tundra Monitor)

04443.0 UK CADET FORCES: 0612 USB qso & radio check with a not of
stations "A49...Z57..." Jun27 04 ML

04476 P: MX Beacon Prob Baltic Fleet HQ Kaliningrad 2100 CW At 2111 to
36-50/50/200 (Bee) with 3 T600 messages; P-marker; At
2130
"17744 37792 75842 33333 91554 = in OOK Morse followed by
fast
OOK Morse apparent 5LGs: EUHAAAISDHISSSSSNEAAH =
EEEE NRSDT ENNAE EUUHH EUUHH ARTNI AIDNR TINEA
RATDH HTUTD ... ETTIE THTRE (don't look right so are they
5LGs?); Then 5FG msg in FSK morse 11111 86380 ... 71704
03045
K; Back to P-marker. will investigate "fast OOK morse
5LGs" later.
// 4031 (03Aug04) (RGA)

04476 RDL: Russian Military 2130 CW P-marker; morse 83129 54156
??887 33333; OOK data burst prob fast morse but unable to
record now; 90+ 5FGs msg in FSK'd morse. ending with a
standard accounting group 31093; Reverts to P-marker.
//4031.
Thanks to Ary for info. (31Jul04) (RGA)

04530 S4S000OGBMRM1: Unid 2105 ALE/USB Calls VIS0000EKCOPER.
(27Jul04) (RGA)

04593 DDK2: DWD Hamburg via Pinneberg 1934 RTTY/50/450 calls.
//7646 10100.8 (15Aug04) (RGA)

04610 GYA: FWC Northwood UK 1645 FAX/120/576 Pressure chaart
Europe/N.Africa. Testing Skysweeper FAX decoder.
(15Aug04) (RGA)

04610.2 GYA: RN Northwood 1111 FAX/120/576 Faint chart.
(12/Aug/04) (RH2)

04675.0 Shanwick Radio: 0250 Utc Shanwick Radio NAT-Mwara qso
with Iberia 6250 pos. rep. 23jun04 (DP)

04732 MKL: RN Northwood 1120 RTTY/75/850 Regular bursts
(12/Aug/04) (RH2)

04752.5 ---: GAF ?LOC 1842 ARQ/E 85.7/E/170 8rc. Betas (30/Jul)(DW)

04776.0 MIKE 40: MIKE 10 & others in military net: 2231 USB voice
(19/JUNE/04) (JLM)

04782.5 ---: GAF ?LOC 1847 ARQ/E 85.7/E/170 8rc. Betas (30/Jul)(DW)

04795.0 F236AA: US ARMY MEDICAL LANDSTUHL 0202 MIL.STD

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188-141A ALE on usb. Sounding. Also at 0603 (31/Jul)(DW)
04841.0 OWF: Danish AF Skrydstrup AB 1337 USB ALE/MIL-188-141A c1g
OWP unid DAF HQ (23/Jun/04) (KK)
04906.0 FDG: FAF BORDEAUX 0638 CW marker Jun24 04 ML
04910 CUP: Unid. Prob Estonian Military 2101 ALE/USB Calls KUP.
(27Jul04) (RGA)
04910 KUPERJ: Single Inf Bn Estonian Army Kuperjanov 2040 ALE/USB
Calls YSP/Single Signals Bn. Repeats call on 4883 later.
(15Aug04) (RGA)
04910 PARNUYJP: Estonian Single Inf Bn Pärnu 2210 ALE/USB Calls
ROK/Estonian Army Peace Centre. (31Jul04) 05035 JP64:
Prob
Algerian MOI 2303 ALE/USB Calls JP63. (31Jul04) (RGA)
04910 PARNUYJP: Estonian Single Infantry Bn Pärnu 2112 ALE/USB
Calls ROK/Peace Operations Centre. (27Jul04) (RGA)
04950 PAR: Single Inf Bn Estonian Army Pärnu 2056 ALE/USB Calls
YSP/Sigs Bn. Repeats call on 5005 later. (15Aug04) (RGA)
04950 PARNUYJP: :Estonian Single Infantry Battalion Pärnu 2051
ALE/USB Calls KUPERJANOVIYJP/Estonian Single Inf.Bat
Kuperjanov. (25Jul04) (RGA)
04950 PARNUYJP: Estonian Single Infantry Bn Pärnu 2111 ALE/USB
Calls ROK/Peace Operations Centre. (27Jul04) (RGA)
04990 2525: Unid 2037 ALE/USB Sounding. (15Aug04) (RGA)
04996.0 RWM: TS MOSCOW 1851 CW Time sigs (30/Jul)(DW)
05060 PARNUYJP: Estonian Single Inf Bn Pärnu 2320 ALE/USB Calls
KUPERJANOVIYJP/Estonian Single Inf Bn Kuperjanov. Then
calls ROK/Estonian Army Peace Centre. (31Jul04) (RGA)
05060 PARNUYJP: Estonian Single Infantry Bn Pärnu 2121 ALE/USB
Wkg KUPERJANOVIYJP/ Estonian Single Inf Bn Kuperjanov.
(27Jul04) (RGA)
05060.0 KUPERJANOVIYJP: Kuperjanov Single Infantry Battalion 2034
USB ALE/MIL-188-141A c1g YSP (21/Jun/04) (KK)
05135.0 CL1AR: (probably Clarendon NH EOC): 0321 USB/ALE sounding.
06/16 RP3
05195.0 DRA5: 1130 CW propagation beacon DRA5 with: "vuv de dra5
test 19/Jun/2004 (TR)
05195.0 DRA5: GN test propag transmitter 1715 CW data Jun17 04 ML
05350.0 ABO: GEORGIAN NET? 0159 MIL.STD 188-141A ALE on usb.
Responding to PCS (10/Aug)(DW)
05350.0 PCS: GEORGIAN NET? 0159 MIL.STD 188-141A ALE on usb.
C1ng ABO (10/Aug)(DW)
05350.0 PCS: GEORGIAN NET? 0220 MIL.STD 188-141A ALE on usb.
C1ng ABO (13/Aug)(DW)
05350.0 PCS: UNID 0011 MIL.STD 188-141A ALE on usb. C1ng ABO
(06/Aug)(DW)
05370.0 S4S000OGBMRM1: 2037 USB ALE/MIL-188-141A c1g
V1S0000EKCOPER also on 3260 4530 4550 (21/Jun/04) (KK)
05400.0 TSR3: (possibly Israeli Air Force): 0946 USB/ALE sounding.
06/18 RP3
05450.0 RAF VM: 0549 USB s8 very large forecast airfields/"
nairobi,monbasa,rio de
janeiro,montevideo...bahrein,cairo,kabul,koweit,..."Jun20
04 ML
05465 R: MX Beacon Ustinov 2156 CW //13528 20049. (14Aug04) (WC)
05532.0 UNID: 2110 USB voice tfc in Russian by male op, co/stn
unheard
here, definitively NOT Czech Airlines LDOC 19/Jun/2004
(TR)
05598 10+23 0815 USB MWARA NAT-A, German AF 10+23, selcal
BMQS, working Gander with posn, wx, fuel status and
selcal
check, requesting routing confirmation and wx for CYYT
(St. John
Intl) and CYQX (Gander Intl) 13/Aug/2004 (TR)
05598 TF-ATU 0805 USB MWARA NAT-A, Air Atlanta TF-ATU, selcal
FMEG, working Shanwick with posn, fuel status and selcal
check
13/Aug/2004 (TR)

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05598 VH-VOD 0752 USB MWARA NAT-A, Quantas VH-VOD, selcal
MQEJ, working New York with selcal check and requesting
new
flightlevel, New York approves F360 13/Aug/2004 (TR)

05598 ZS-SLC 0812 USB MWARA NAT-A, South African ZS-SLC,
selcal QSBJ, working New York with posn, fuel status and
selcal
check, requesting new flightlevel 13/Aug/2004 (TR)

05598.0 ATC NAT: 0604 work DGMS / AM062 BPGQ / ABLP HB-IQA SWR /
REACH1178 EKPR C-17 / JKQR N385AM AAL Jun19 06 ML

05616 D-AIPM 0719 USB MWARA NAT-B, Lufthansa D-AIPM, selcal
DHGQ, working Shanwick with posn, wx, fuel status and
selcal
check 13/Aug/2004 (TR)

05616 EC-HVB 0718 USB MWARA NAT-B, Skyservice EC-HVB, selcal
MRGJ, working Gander with selcal check and requesting
routing
confirmation 13/Aug/2004 (TR)

05616 N1454D 0740 USB MWARA NAT-B, American N1454D, selcal
HCLR, working Gander with selcal check and routing
confirmation
13/Aug/2004 (TR)

05616 N1470K 0716 USB MWARA NAT-B, American N1470K, selcal
HMPR, working Iceland with posn, fuel status and selcal
check
13/Aug/2004 (TR)

05616.0 87-0039: 2155 USB MWARA NAT-B, Reach 87-0039, selcal
DMPR, 21/Jun/2004 (TR)

05616.0 N480EV: 2207 USB MWARA NAT-B, Evergreen Intl. N480EV,
selcal CJLM, working Shanwick for selcal check
21/Jun/2004 (TR)

05616.0 N613FE: 2220 USB MWARA NAT-B, FedEx N613FE, selcal
KMAR, working Gander with posn, wx, fuel status and
selcal
check 21/Jun/2004 (TR)

05616.0 N78013: 2221 USB MWARA NAT-B, Continental N78013, selcal
JLKS, working Gander for selcal check and routing
confirmation
21/Jun/2004 (TR)

05616.0 N852FT: 2158 USB MWARA NAT-B, Polar Air Cargo N852FT,
selcal BKGL, working Shanwick for selcal check and
requesting
Iceland VHF freqs 21/Jun/2004 (TR)

05649 N667DN 0641 USB MWARA NAT-C, Delta N667DN, selcal
CQFP, working Shanwick with posn and selcal check
13/Aug/2004 (TR)

05649 N709TW 0644 USB MWARA NAT-C, American N709TW, selcal
AEHK, working Shanwick with posn, flightlevel, fuel status
and
selcal check 13/Aug/2004 (TR)

05649 PP-VPF 0702 USB MWARA NAT-C, Varig PP-VPF, selcal
RSFP, working Gander with selcal check and requesting new
flightlevel 13/Aug/2004 (TR)

05702 IKFSPR: US SIPRINet Stn Keflavik ICE 2321 ALE/USB sounds.
(31Jul04) (RGA)

05720.0 03: ARINC REYKJAVICK 1613 HF DL on usb. Squitters (weak)
(15/Aug) (DW)

05792 PARNUYJP: Estonian Single Inf Bn Pärnu 2320 ALE/USB Calls
ROK/Estonian Army Peace Operations Centre. (31Jul04)
(RGA)

05860.0 FAAZMP: (Minneapolis ARTCC): 0217 USB/ALE sounding.
06/24 RP3

05860.0 FAAZNY: (New York ARTCC): 2316 USB/ALE sounding.
06/23 RP3

05874 KN1B: Russian Military 2125 CW Msg for 4FTB 918 35 29 0115 918
= ZFF 203 = 19254 68285 ... 18759 29031 203 K. 4FTB
receipts on
QXX freq 4467 kHz. (28Jul04) (RGA)

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06235.7 Unidentified: : 2208 RTTY 75bd/850hz. Continually repeats " 06 "
followed by " 06 INV" . 06/17 RP3

06454.6 PIPADY: Laboratoires du Centre d'études de Pipady 1440 USB
ALE/MIL-188-141A c1g CTSN Centre Technique des Systemes
Navals, Toulon, F (18/Jun/04) (KK)

06485.0 unid: fishermen 0646 USB french "roscoff ...conflict between
spanish & french fishermen nearby land's end area Jun19
06 ML

06489.5 LOR: AN Puerto Belgrano 0610 RTTY/75/170 Coastal Info/SS
(13/Aug/04) (RH2)

06490.6 PIPADY: Laboratoires du Centre d'études de Pipady 1435 USB
ALE/MIL-188-141A c1g CTSN Centre Technique des Systemes
Navals, Toulon, F (18/Jun/04) (KK)

06496.5 CFH: CF Hal; iFAX/1105 FAX/120/576 Schedules then RTTY/wx
//10536 (12/Aug/04) (RH2)

06532 ARINC-07: Shannon IRL 1610 HF DL Solid squitters - no traffic.
(14Aug04) (RGA)

06532.0 ---: FLIGHT PO600 1412 HF DL on usb. 1402 psn 54.32N 5.26W.
1412 psn 53.54N 3.30W. 1417 Psn 53.40N 2.19W (14/Aug)(DW)

06532.0 07: ARINC SHANNON 1412 HF DL on usb. Squitters (14/Aug)(DW)

06697 : Unid 28-char EAM 1932 USB DWBZTU simulcast on at least 8992
aith nothing heard on 11244 or 13155. (19 Aug 04) (JH)

06697 MALE HAWK(?): EAM Bcast 1955 USB DWBZTU simulcast on at
least 8992 with nothing heard on 11244 or 13155.
H+25/h+55
activity. (19 Aug 04) (JH)

06712 D-ALCC: Lufthansa Cargo MD11F Flt LH8281 1816 HF DL Signs on
to ARINC Reykjavik. (29Jul04) (RGA)

06712 G-VFOX: Virgin Atlantic A340 'Silver Lady' 1909 HF DL Acks
Reykjavik for KBGR and CYQX weather. (03Aug04) (RGA)

06712 N310UP: UPS B7767 Flt UP6711 1817 HF DL Reports 5228N
01135W. (29Jul04) (RGA)

06712 OH-LBR: Finnair B757 Flt AY7442 1831 Reports 5125N 00320W to
ARINC Reykjavik. (29Jul04) (RGA)

06712 OH-LBU: Finnair B757 1840 HF DL Acks ground-air message
"DEPARTURES RWY 23 AND RWY 24R. MONITOR 133.1 FOR
NOTAM UNAVAILABLE BY DATA LINK. INFORM CYYZ ATC
ATIS L." (29Jul04) (RGA)

06712 VP-BAY: Aeroflot B767 1817 HF DL Signs on. (29Jul04) (RGA)

06712.0 CO 064: CONTINENTAL /KSFO>LPPT 0650 HF DL Jun19 06 ML

06712.0 CO0024: CONTINENTAL 0652 HF DL Jun19 06 ML

06712.0 SU253: AEROFLOT / VP-BWD 0647 HF DL Jun19 06 ML

06712.0 UP6754: UPS /KOLN EASTMIDLANDS 0653 HF DL Jun19 06 ML

06715.0 @DG: USAF? UNID 1936 MIL.STD 188-141A ALE on usb. C1ng
HAWSPR (04/Aug)(DW)

06715.0 CROSPR: USAF CROUGHTON 1924 MIL.STD 188-141A ALE on
usb. Sounding (04/Aug)(DW)

06715.0 IKSPR: USAF KEFLAVIK 1920 MIL.STD 188-141A AKE on usb.
Sounding. (04/Aug)(DW)

06715.0 JDGSPR: USAF DIEGO GARCIA 1917 MIL.STD 188-141A ALE on
usb. Sounding. 1919 c1ng GUASPR. 1933 c1ng HAWSPR, also
1940 1941 1946 (04/Aug)(DW)

06717.0 PRIMROSE:UNID 2043 MIL.STD 188-141A ALE on usb. C1ng
STANORD (03/Aug)(DW)

06721 JDG: US NAS Diego Garcia BIOT 2104 ALE/USB Calls JTY/Yokota
AFB Japan. (31Jul04) (RGA)

06752 s: Unid 0134 CW For more than an hour, then carrier.
(19Aug04) (WC)

06775.0 ANTARNET01:UNID 1832 MIL.STD 188-141A ALE on usb. C1ng
ASSADNET01. Also 2048 (04/Aug)(DW)

06775.0 ANTARNET01:UNID 1911 MIL.STD 188-141A ALE on usb. C1ng
ASSADNET01. Also 1931 2107 2122 2123 (03/Aug)(DW)

06825.0 FAV22: French Armee Vernon 0830 CW FAV-22 Test also: 1130
"VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ
(23/Jun/04) (KK)

06834.0 GYA: 0723 FAX pressure chart Jun19 06 ML

06885.7 : Unid FF 2030 ARQ-E3/100/390 Betas only so far. (25Jul04) (RGA)

06898.0 TECHNICAL: & SITCOM. Station TECHNICAL is on an antenna

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and is going to the top for next contact. May use a cell phone on
next transmission: 1335 USB voice (23/JUNE/04) (JLM)

06898.0 Two unid stations, probably US Military with radio checks: 1316 USB voice (23/JUNE/04) (JLM)

06898.0 unid: stations, probably US Military with radio checks: 1316 USB voice (23/JUNE/04) (JLM)

06900.0 CER41: MFA PARIS 2351 MIL.STD 188-141A ALE on usb. Responding to LECAIRE (18/Aug)(DW)

06900.0 LECAIRE:FRENCH EMB CAIRO 2351 MIL.STD 188-141A ALE on usb. C1ng CER41/Paris (18/Aug)(DW)

06903.0 MIKE 8: unid Military station: 1209 USB voice. May be related to net heard on 4776.0 lastweekend (23/JUNE/04) (JLM)

06903.0 Unid: only gave a partial call during the previous transmission. Actual call is MIKE 8 YANKEE, USN 23jun04 (JLM)

06934.2 Unid: RN/NATO? 1126 RTTY/75/850 KG84 (12/Aug/04) (RH2)

06966 00001220: Prob Turkish Net 2053 ALE/USB Sounding. (31Jul04) (RGA)

07039 D: MX Beacon Odessa 0512 CW //10872 13528 16332. (14Aug04) (WC)

07039 D: MX Beacon Ukraine 0538 CW //8495 10872 13528 8495. (12Apr04) (WC)

07039 P: MX Beacon Kaliningrad 0314 CW // 5154 8495 13528 16332. (14Apr04) (WC)

07311.0 AAT5MR: US Army MARS NCS 1622 USB / working other stations in the net. Net ended at 1630 UTC. (24July2004) (Midwest USA)

07324.0 AFA1RP: USAF MARS NCS 2337 USB / working other stations in the net. (29July2004) (Midwest USA)

07332.0 5TT: USN (?) station passing 28 character messages: 1221 USB voice (23/JUNE/04) (JLM)

07440 V: MX Beacon Tashkent 0102 CW (17Aug04) (WC)

07500.0 AA1: ISRAELI AF 0200 MIL.STD 188-141A ALE on usb. C1ng ACCESS1 (01/Aug)(DW)

07527.0 CS9: US CUSTOMS BEAUFORT 0108 MIL.STD 188-141A ALE on usb. Sounding. Also 0153 (01/Aug)(DW)

07567.0 unid: 0950 ALE Jun19 06 ML

07602.0 022NHQCAP: (Civl Air Patrol, Nat'l Operations Center, Maxwell AFB AL)=0754 USB/ALE sounding. 06/18 RP3

07602.0 046NHQCAP: Civil Air Patrol 2025 USB ALE snd (21/Jun/04) (KK)

07606.0 ACCAPSYS4:NATO ?LOC 0809 MIL.STD 188-141A ALE on usb. C1ng ACCAPSYS3 (17/Aug)(DW)

07606.0 ACCAPSYS4:UNID NATO? 1608 MIL.STD 188-141A ALE on USB. C1ng ACCAPSYS1 (16/Aug)(DW)

07606.0 BRAVO1: UNID NATO? 1304 MIL.STD 188-141A ALE on usb. C1ng BRAVO4 (16/Aug)(DW)

07606.0 BRAVO3: UNID NATO? 1314 MIL.STD 188-141A ALE on usb. C1ng BRAVO4 (16/Aug)(DW)

07606.0 BRAVO4: UNID 1421 MIL.STD 188-141A ALE on usb. C1ng BRAVO2 (15/Aug)(DW)

07606.0 FCC: NATO ?LOC 1242 MIL.STD 188-141A ALE on usb. C1ng ACC. (17/Aug)(DW)

07606.0 MCC: NATO ?LOC 1241 MIL.STD 188-141A ALE on usb. C1ng ACC, also at 1306 (17/Aug)(DW)

07610 : Unid 1702 UNID Analogue enciphered voice. Synch f+1500 200 Hz shift. Around 100 bps (synchs too brief to measure). Similar SAILORCRYPT. (28Jul04) (RGA)

07611.0 FAAZMP: US FAA MINNEAPOLIS 0331 MIL.STD 188-141A ALE on usb. Sounding. Also 0432 (02/Aug)(DW)

07635 7TV: Moroccan Gendarmerie 2038 ALE/USB Calls 3CF on 7635 and 7531. (31Jul04) (RGA)

07645.3 EDZW: (Offenbach Met Reg Center): 0400 RTTY 50bd/450hz w/wave height forecasts for English Channel, Humber, Thames, Dogger, Skagerrak. 06/16 RP3

07646.0 DDH7: HAMBURG MET 1200 RTTY//50/N/450 Met tfc. forecasts in GG (31/Jul)(DW)

07650 2525: Unid 2001 ALE/USB Sounding. (31Jul04) (RGA)

07650.0 LAB: Rockwell Lab. 2346 USB ALE snd (28/Jun/04) (KK)

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07650.0 T2Z238: (2/238th Avn Regt, Shelbyville IN): 1530 USB/ALE sounding. Also sounding on 08171.5. 06/19 RP3

07650.0 T2Z238: (2/238th Avn Regt, Shelbyville IN): 2015 USB/ALE sounding. Also sounding on 08171.5. 06/17 RP3

07650.0 T2Z238: (2/238th Avn Regt, Shelbyville IN): 2159 USB/ALE sounding. 06/23 RP3

07680.6 AFA1LZ: AF MARS 0439 P-I/200Bd clg from unid (21/Jun/04) (KK)

07680.6 AFA1XT: AF MARS 0426 P-I/200Bd clg from unid (21/Jun/04) (KK)

07680.6 AFA2AL: AF MARS 0427 P-I/200Bd clg from unid (21/Jun/04) (KK)

07680.6 AFD3MC: AF MARS 0433 P-I/200Bd clg from unid (21/Jun/04) (KK)

07712.7 : Turkish MIL-net, BIH? 0828 USB/MARCONI 25-TONE PSK MODEM, 2 stations interacting with bursty tfc. (07Aug04) (LDO)

07725 EZ8: Unid [THIS IS]EZ8 ALE 1004 10:04:00 12/08/2004 12-aug-04 (SW)

07725 GK: Unid [THIS IS]GKF ALE 1033 12-aug-04 (SW)

07725 T4C: Unid GUJ[THIS IS]T4C ALE 0936 12-aug-04 (SW)

07725 ZGQZ6: Unid [FRM] ZGQz6 ALE 1030 12-aug-04 (SW)

07739.0 INAS30P:SONATRACH IN IMENAS 0014 MIL.STD 188-141A ALE on usb. Sounding (01/Aug)(DW)

07739.0 INAS30P:SONATRACH IN IMENAS 2223 MIL.STD 188-141A ALE on usb. Sounding. (31/Jul)(DW)

07739.0 OHT30P: SONATRACH OHANET 0047 MIL.STD 188-141A ALE on usb. Sounding. (01/Aug)(DW)

07739.0 OHT30P: SONATRACH OHANET 2158 MIL.STD 188-141A ALE on usb. Sounding. (31/Jul)(DW)

07739.0 RNOUSLR:SONATRACH RHOUE NOUSS 2233 MIL.STD 188-141A ALE on usb. Sounding. (31/Jul)(DW)

07748 : CIS Military 1636 MS-5/4800/DPSK/USB Cipher. (31Jul04) (RGA)

07796.7 : Prob Egyptian Diplo 2024 ARQ Goes offair without ID after period of IRS. (25Jul04) (RGA)

07797 : Unid Bcast 1623 RTTY/50/450 Telecipher. Zzzzzzzzz leadin/leadout. Occasional Kiptograma Buran header barwipok 531 0/? 31 1606. Using UTC time. These are probably Ukrainian. See 11023 below. (31Jul04) (RGA)

07803 SPI324: Polish Military 1900 ALE/USB Calls LCR154/MOD Warsaw who responds. (31Jul04) (RGA)

07805.0 CL1AR: (Clarendon NH EOC): 1003 USB/ALE sounding. 06/24 RP3

07805.0 HI1LL: (Hillsborough NH EOC): 1044 USB/ALE sounding. 06/24 RP3

07805.0 HI1LL: (Hillsborough NH EOC): 1625 USB/ALE sounding. 06/16 RP3

07805.0 MA1NC: (Manchester NH EOC): 0616 USB/ALE sounding. 06/24 RP3

07805.0 MI1LF: (Milford NH EOC): 0532 USB/ALE sounding. 06/24 RP3

07805.0 WPFJ625: (New Hampshire State EOC, Concord NH): 1033 USB/ALE sounding. 06/24 RP3

07810.0 MONTECA:VENEZUELAN MILITARY 0240 MIL.STD 188-141A ALE on usb. CIng CDDA. Also at 0323 0337 0406 0420 0433 0502 0515 (02/Aug)(DW)

07818.0 INA: SONATRACH IN IMENAS 0538 MIL STD 188-141A ALE on usb. Sounding. (02/Aug)(DW)

07820.0 CENTR8: MFA BUCHAREST 0635 MIL.STD 188-141A ALE on usb. CIng FQS. Also at 0639, 0650 (02/Aug)(DW)

07849.0 CGGN: (Hqs, Venezuelan National Guard): 0114 USB/ALE TO MIRA1=(possibly Naval Special Operations Unit "Generalissimo Miranda"). 06/23 RP3=20

07849.0 CUFAN1: (Unified Command of National Armed Forces): -0508 USB/ALE TO CGGN (Hqs, Venezuelan National Guard).

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Also noted on 09052.0. 06/20 RP3
07849.0 PORLAMAR: (Destacamento de Apoyo Aereo #7,
Parlomar Airport): 0327 USB/ALE TO CGGN (HQs, Venezuelan
National Guard). 06/20 RP3
07849.0 SCLC222M: (Communications Logistics Center, 222nd
Motorized Inf Bn,=Venezuelan Army): 1131 USB/ALE TO
CLC22M
(Communications Logistics Center, 22nd=Inf Bde).Also
noted on
10600.0. 06/23 RP3=20
07880 DDK3: Hamburg Meteo 1615 FAX/120/576 Good European
chart with isobars. (31Jul04) (RGA)
07895.7 ---: FF UNID 1207 ARQ/E3//100/E/400 8rc. Betas. Nil tfc
thru 1236 (31/Jul)(DW)
07930 SAT: Ethiopian PTT Net 1933 ALE/LSB Sounding.
(31Jul04) (RGA)
07975 CS003B: Prob Balkans Military 1849 ALE/USB wkg
RS006B. (31Jul04) (RGA)
07995.0 unid: number0723 AM span y1 "cinco..." Jun13 04 ML
08000 TARABOSHI: Albanian MOI Taraboshi 2055 ALE/USB
calls SHEBINIKU. (29Jul04) (RGA)
08010.0 M8: (Cuban Illicit): 2220 CW w/cut numbers. 06/17 RP3
08019.5 OEY41: Austrian MIL station, AUT 1037 USB/MIL-STD
188-141A tfc. to OEY52 (17Aug04) (LDO)
08019.5 OEY52: Austrian MIL station, AUT 1037 USB/MIL-STD
188-141A tfc. to OEY81 and OEY41 after c1ng NETZ2 [=
collective
call] (17Aug04) (LDO)
08019.5 OEY81: Austrian MIL station, AUT 1037 USB/MIL-STD
188-141A tfc. to OEY52 (17Aug04) (LDO)
08020,0 netz2 :unid austrian 1125 USB/ALE 16Aug04 (wp3)
08020,0 oey41 : unid austrian 0910 USB/ALE 16Aug04 (wp3)
08020,0 oey81 : unid austrian 0910 USB/ALE 16Aug04 (wp3)
08025.0 CENTR8: Romanian Mfa Bucuresti 0907 USB
ALE/MIL-188-141A c1g OCP unid rom. Embassy (23/Jun/04)
(KK)
08030 555: Unid 0632 CW 555 continuously. (18Aug04) (WC)
08043.0 ACC: NATO ?LOC 1057 MIL.STD 188-141A ALE on usb.
C1ng ACCAPSYS2 (17/Aug)(DW)
08043.0 ACCAPSYS1:NATO ?LOC 0802 MIL.STD 188-141A ALE
on usb. C1ng ACCAPSYS2. Also 0807 (17/Aug)(DW)
08043.0 ACCAPSYS1:UNID NATO? 1612 MIL.STD 188-141A ALE
on usb. Responding to ACCAPSYS4 (16/Aug)(DW)
08043.0 ACCAPSYS2:NATO ?LOC 0802 MIL.STD 188-141A ALE
on usb. Responds to ACCAPSYS1. Also 0807, 1237 (17/Aug)
(DW)
08043.0 ACCAPSYS3:NATO ?LOC 0809 MIL.STD 188-141A ALE
on usb. C1ng ACCAPSYS4. 1240 C1ng ACCAPSys2 (17/Aug)(DW)
08043.0 ACCAPSYS3:NATO ?LOC 1238 MIL.STD 188-141A ALE
on usb. C1ng ACCAPSYS2 (17/Aug)(DW)
08043.0 ACCAPSYS4:NATO ?LOC 0809 MIL.STD 188-141A ALE
on usb. Responding to ACCAPSYS3 (17/Aug)(DW)
08043.0 ACCAPSYS4:UNID NATO? 1607 MIL.STD 188-141A ALE
on usb. C1ng ACCAPSYS1. Also at 1612 (16/Aug)(DW)
08043.0 BRAVO1: UNID NATO? 1348 MIL.STD 188-141A ALE on
usb. C1ng BRAVO3 (16/Aug)(DW)
08043.0 BRAVO2: UNID 1442 MIL.STD 188-141A ALE on usb.
C1ng BRAVO3 (15/Aug)(DW)
08043.0 BRAVO3: UNID NATO? 1234 MIL.STD 188-141A ALE on
usb. C1ng BRAVO2 [AMD][2A][AMD
CBOBRAERABRABRA.....BRAB|k]. 1349 responding to BRAVO1
(16/Aug)(DW)
08043.0 BRAVO4: UNID 1504 MIL.STD 188-141A ALE on usb.
C1ng BRAVO2 (15/Aug)(DW)
08043.0 BRAVO4: UNID NATO? 1044 MIL.STD 188-141A ALE on
usb. C1ng BRAVO1. 1309 c1ng BRAVO3 (16/Aug)(DW)
08043.0 MCC: NATO ?LOC 1239 MIL.STD 188-141A ALE on usb.
C1ng ACC (17/Aug)(DW)

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08825.0 EI-CMQ: 1441 USB MWARA NAT-A/E, Air Lingus EI-CMQ, working Shanwick with posn, wx, fuel status, ETA at destination (EIKN Connaught) and selcal check 21/Jun/2004 (TR)

08825.0 PC13: Venezuelan Navy fast-attack missile boat " Independencia", PC-13):1220 LSB/ALE TO DCCOP (Venezuelan Navy Operations Center). 06/22 RP3

08830.0 Station 4: (O/M SS): 0029 USB w/Station 13 (O/M SS). -06/17 RP3

08834 N315UP: UPS B767 Flt UP6741 1942 HFDL Reports 5634N 01435W to ARINC Johannesburg. (25Jul04) (RGA)

08834 VP-BWD: Aeroflot A320 Flt SU0519 1954 Signs on. (25Jul04) (RGA)

08834.0 HFDL-GS 008 Johannesburg: 2132 HFDL/USB [HFNPDU ACARS AID VS0201] 2.G-VMEG SA7 S86AVS02010LV213230SH ED 19/Jun/2004 (TR)

08834.0 Virgin Atlantic VS0201: 2123 HFDL/USB [HFNPDU PERFORMANCE] 21:23:38 UTC Flight ID = VS0201 LAT 57 25 10
N LON 86 34 2 E 19/Jun/2004 (TR)

08846.0 59-1472: 2302 USB MWARA CAR-B, Reach 59-1472, selcal KMQR, working New York for selcal check 19/Jun/2004 (TR)

08846.0 N115US 2220 USB MWARA CAR-B, US Air N115US, selcal CSBJ working New York with posn, wx, fuel status and selcal check 19/Jun/2004 (TR)

08846.0 N176AA: 2257 USB MWARA CAR-B, American Airlines N176AA, selcal EJGH, working New York with posn, wx, fuel status and selcal check 19/Jun/2004 (TR)

08846.0 N584UA: 2224 USB MWARA CAR-B, United N584UA, selcal EGPR, working New York with posn, flightlevel and selcal check 19/Jun/2004 (TR)

08846.0 N607AU: 2222 USB MWARA CAR-B, US Air N607AU, selcal BRLQ, working New York with selcal check and requesting flightlevel change 19/Jun/2004 (TR)

08846.0 N662AA: 2244 USB MWARA CAR-B, American Airlines N662AA, selcal FMPS, working New York for selcal check and posn 19/Jun/2004 (TR)

08846.0 N715UW: 2249 USB MWARA CAR-B, US Air N715UW, selcal ASBK, working New York for selcal check and posn 19/Jun/2004 (TR)

08846.0 N723UW: 2240 USB MWARA CAR-B, US Air N723UW, selcal ASKQ, working New York with posn, wx, fuel status and selcal check 19/Jun/2004 (TR)

08846.0 New York Radio: 2218 USB MWARA CAR-B, New York Radio working several aircraft for selcal checks, posn etc. 19/Jun/2004 (TR)

08846.0 PH-MCI: 2225 USB MWARA CAR-B, Martin Air PH-MCI, selcal ARLM, 19/Jun/2004 (TR)

08846.0 S2-ADE: 2247 USB MWARA CAR-B, BIMAN Bangladesh S2-ADE, selcal LPAR, working New York for selcal check 19/Jun/2004 (TR)

08864.0 Shanwick Radio: 1028 USB MWARA NAT-B, Shanwick works very weak a/c M006 17/Jun/2004 (TR)

08885 A7-ACD: Qatar Airways A330 1928 HFDL Signs on to ARINC Muharraq. (25Jul04) (RGA)

08885 CN-RNY: Royal Air Maroc A321 Flt RAM751 1929 HFDL Signs on. (25Jul04) (RGA)

08885 I-LIVA: Livingstone A321 Flt LVG427 2012 HFDL Reports 4212N 01457E. (25Jul04) (RGA)

08885 OH-LBR: Finnair B757 Flt AY7774 1947 HFDL Signs on to

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08885 VP-BDK: Muharraq. (25Jul04) (RGA)
Aeroflot A320 Flt SU0109 1945 HFDL Reports
5303N 01724E. (25Jul04) (RGA)

08891.0 B-2454: 1357 USB MWARA NAT-D, China Air B-2454,
selcal FLBE working Iceland for selcal check 16/Jun/2004
(TR)

08891.0 C-GEOQ: 1243 USB MWARA NAT-D, Air Canada C-
GEOQ, selcal DRCS, working Iceland with posn, wx, fuel
status
and selcal check 16/Jun/2004 (TR)

08891.0 C-GHLM: 1405 USB MWARA NAT-D, Air Canada C-
GHLM, selcal PQKS, working Iceland with posn, wx, fuel
status
and selcal check, requests routing confirmation, Iceland
confirms
and advises to contact Arctic at 88W 16/Jun/2004 (TR)

08891.0 EC-EXF: 1350 USB MWARA NAT-D, Iberia EC-EXF,
selcal BQHM, working Iceland for selcal check
16/Jun/2004 (TR)

08891.0 F-GCJB: 1318 USB MWARA NAT-D, Air France F-GCJB,
selcal EKGM, working Iceland for selcal check
16/Jun/2004 (TR)

08891.0 G-BYAK 1238 USB MWARA NAT-D, Britannia Airways
G-BYAK, selcal DFKM, working Iceland for selcal check and
routing confirmation 16/Jun/2004 (TR)

08891.0 G-VTOP: 1400 USB MWARA NAT-D, Virgin Atlantic G-
VTOP, selcal MRJS, working Iceland for selcal check
16/Jun/2004 (TR)

08891.0 Iceland Radio: 1455 Utc Iceland Radio NAT-Mwara qso
with Luftansa 452 pos. rep.23jun04 (DP)

08891.0 Iceland Radio: 1319 USB MWARA NAT-D, Iceland
Radio (Reykjavik) working very faint Air Lingus EI-DAA,
selcal FLCS, 16/Jun/2004 (TR)

08891.0 N1433B: 1248 USB MWARA NAT-D, American
Airlines N1433B, selcal GLRS, working Iceland for selcal
check and requesting flightlevel 340, Iceland advises to
contact
Arctic at 88W 16/Jun/2004 (TR)

08891.0 N424UA: 1403 USB MWARA NAT-D, United N424UA,
selcal HMKP, working Iceland for selcal and radio check
16/Jun/2004 (TR)

08891.0 N567AM: 1251 USB MWARA NAT-D, American
Airlines N567AM, selcal GHRS working Iceland for selcal
check
and requesting flightlevel 360, Iceland advises to
contact Arctic at
88W 16/Jun/2004 (TR)

08891.0 N658FE: 1331 USB MWARA NAT-D, FedEx N658FE,
selcal DGFR, working Iceland for selcal check and
requesting
flightlevel change, Iceland advises to call Arctic either
on same
freq or 11279 or upon approach on 126.7 16/Jun/2004
(TR)

08891.0 N696AN: 1311 USB MWARA NAT-D, American Airlines
N696AN, selcal MPRS, working Iceland for selcal check and
routing confirmation, Iceland confirms and advises to
contact
Arctic at 88W 16/Jun/2004 (TR)

08891.0 N797UA: 1409 USB MWARA NAT-D, United N797UA,
selcal ASFJ, working Iceland with posn and selcal check,
requesting flightlevel change, Iceland advises to contact
Arctic on
11279 or 126.7 when within VHF range 16/Jun/2004 (TR)

08891.0 OY-KIN: 1320 USB MWARA NAT-D, SAS OY-KIN, selcal
MPGS, working Iceland with posn, wx, fuel status and
selcal
check, requesting flightlevel change, Iceland advises to

std/by
16/Jun/2004 (TR)

08891.0 PH-BFO: 1302 USB MWARA NAT-D, KLM PH-BFO,
selcal BQJ, working Iceland for selcal check
16/Jun/2004 (TR)

08891.0 PH-BFP: 1307 USB MWARA NAT-D, KLM PH-BFP,
selcal KLMP, working Iceland with posn, wx, fuel status,
selcal
check and requesting flightlevel 330 16/Jun/2004 (TR)

08891.0 PH-MCU: 1342 USB MWARA NAT-D, Martin Air PH-
MCU, selcal PREQ, working Iceland with posn, wx, fuel
status and
selcal check, requesting flightlevel 320 16/Jun/2004
(TR)

08891.0 SU-GAS: 1340 USB MWARA NAT-D, Egypt Air SU-GAS,
selcal KQJ, working Iceland for selcal check
16/Jun/2004 (TR)

08894.0 Algiers: (MWARA AFI-2): 0058 USB w/Air France 990
(O/M FF) & Springbok 202 w/position reports. 06/23 RP3

08903.0 Kinshasa: (MWARA AFI-4): 2152 USB w/Springbok 203
w/position report. 06/17 RP3

08906.0 5N-BBD: 1326 USB MWARA NAT-A, ADC Airlines 5N-
BBD, selcal JLHM, working Santa Maria for selcal check
21/Jun/2004 (TR)

08906.0 7T-VJH: 1413 USB MWARA NAT-A, Air Algerie 7T-VJH,
working Shanwick with posn, wx, fuel status and selcal
check
21/Jun/2004 (TR)

08906.0 CS-TTE: 1235 USB MWARA NAT-A, TAP Air Portugal
CS-TTE, selcal EPKM, working Santa Maria for posn, wx,
fuel
status and selcal check 21/Jun/2004 (TR)

08906.0 D-ABVD: 1137 USB MWARA NAT-A, Lufthansa D-
ABVD, selcal ALDM, working Santa Maria for selcal check
21/Jun/2004 (TR)

08906.0 JA8084: 1210 USB MWARA NAT-A, Japan Airlines
JA8084, selcal CPKM, working Gander for selcal check and
requesting new flightlevel, Gander asks to maintain
present one
21/Jun/2004 (TR)

08906.0 N750RA: 1146 USB MWARA NAT-A, Great American
Airways (ain't that just a bit pathetic...) N750RA,
selcal EMGP,
working Santa Maria for selcal check 21/Jun/2004 (TR)

08906.0 TC-ACA: 1214 USB MWARA NAT-A, Istanbul Airlines
TC-ACA, selcal DRJL, working Santa Maria 21/Jun/2004 (TR)

08906.0 TF-ABG: 1323 USB MWARA NAT-A, Air Atlanta TF-
ABG, selcal EGLM, working Shanwick for selcal check
21/Jun/2004 (TR)

08906.0 ZK-NCF: 1147 USB MWARA NAT-A, Air New Zealand
ZK-NCF, selcal DJHR, 21/Jun/2004 (TR)

08906.0 16805: 1731 USB MWARA NAT-A, Portuguese AF
16805, selcal AFDH, working Santa Maria for selcal and
radio
check 16/Jun/2004 (TR)

08906.0 B-2056: 1627 USB MWARA NAT-A, China Southern Air
B-2056, selcal FLGR, working Shanwick for selcal check
16/Jun/2004 (TR)

08906.0 EC-DIB: 1638 USB MWARA NAT-A, Iberia EC-DIB,
selcal EKJ, working Santa Maria with posn, wx, fuel
status and
selcal check 16/Jun/2004 (TR)

08906.0 HZ-AGB: 1745 USB MWARA NAT-A, Saudi Arabian Air
HZ-AGB, selcal CGBJ, working Gander with posn, wx, fuel
status
and selcal check 16/Jun/2004 (TR)

08906.0 N1839U: 1750 USB MWARA NAT-A, United N1839U,
selcal CGBM, working Shanwick for selcal check and

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flightlevel
request, signal is very weak and Shanwick advises to call
them on
5598 16/Jun/2004 (TR)

08906.0 N33103: 1644 USB MWARA NAT-A, Continental
N33103, selcal ERHS, working Gander with posn and selcal
check
16/Jun/2004 (TR)

08906.0 N844X: 1645 USB MWARA NAT-A, BizJet N844X, selcal
AJGK, working Shanwick for selcal check 16/Jun/2004
(TR)

08906.0 OE-LLG: 1636 USB MWARA NAT-A, Tyrolean Airways
OE-LLG, selcal AMLP, working Shanwick for selcal check
16/Jun/2004 (TR)

08906.0 PP-SNL: 1611 USB MWARA NAT-A, VASP PP-SNL,
selcal DHAK, working Shanwick with selcal check
16/Jun/2004
(TR)

08906.0 YK-AGB: 1633 USB MWARA NAT-A, Syrian Arab Air
YK-AGB, selcal BHAK, working Gander with selcal check,
posn
and requesting new flightlevel 16/Jun/2004 (TR)

08927 N591NW: Northwest B757-351 Flt NWA927 2326 HFDL
Acks ETOPS message from "BARRIOS/DISPATCH" via ARINC
S.Francisco. (15Aug04) (GB)

08939.0 MOSCOW VM: 0744 USB russ y1 Jun13 04 ML

08977 Aeroflot SU0121 1122 HFDL/USB [HFNPDU
PERFORMANCE] 11:22:14 UTC Flight ID = SU0121 LAT 48 21
53
N LON 11 48 28 E 13/Aug/2004 (TR)

08977 Ethiopian ET0000 1134 HFDL/USB [HFNPDU
PERFORMANCE] 11:34:32 UTC Flight ID = ET0000 LAT 48 56
51
N LON 12 27 55 E 13/Aug/2004 (TR)

08977 Finair AY2714 1144 HFDL/USB [HFNPDU
PERFORMANCE] 11:44:18 UTC Flight ID = AY2714 LAT 58 44
48
N LON 25 55 30 E 13/Aug/2004 (TR)

08977.0 03: ARINC REYKJAVICK 1530 HFDL on usb. Squitters.
1531 ACARS to N68155. Ptd 1533. 1534 ACARS (15/Aug)(DW)

08977.0 N304UP: FLIGHT UP6727 1534 HFDL on usb. ACARS.
1539 psn 53.51N 32.06W 1548 psn 53.59N 30.03W (15/Aug)
(DW)

08977.0 N68155: FLIGHT CO0055 1532 HFDL on usb. psn 48.48N
30.45W. 1533 ACARS. 1534 ACARS 1539 psn 48.29N 32.00W
(15/Aug)(DW)

08983.0 Camslant Chesapeake: 0024 USB w/CG 1502 (HHC-130,
CGAS Elizabeth=City) who reports departure on local
training
mission w/7 POB. 06/178 RP3

08990 AMM: Poss Israeli AF 1537 ALE/USB Sounding.
(31Jul04) (RGA)

08990 AMM: Unid 2029 ALE/USB Sounding. Either UK military or
Israeli AF. (29Jul04) (RGA)

08992 AUTO PRESS: 20-char EAM 1746 USB CAC5KP simulcast
on at least 11244 with nothing heard on 13155 or 6697.
(14 Aug 04) (JH)

08992 BUGLE BOY: 28-char EAM 0137 USB (missed preamble;
weak/fair levels here) and simulcasting same on at least
11244.
(11 Aug 04) (JH)

08992 INCUBATE: wkg PUERTO RICO 2334 USB Phone patch
to a commercial area code 402 number (initially id'd as
GEP
OPERATOR by INCUBATE but under the alias FIRE BUG) to
request the 7D on RF17 in [sounded like ____OWAY; GEP
alias]
and gone. (13 Aug 04) (JH)

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08992 RELIGIOUS: 28-char EAM 2038 USB DWHEIB simulcast on at least 6697 with nothing heard on 11244 or 13155. H+25/h+55 activity. The same freqs were active at 2054z with same (at better levels.) H+25/h+55 activity. (19 Aug 04) (JH)

08992 RESTRAIN: wkg HICKAM 0301 USB with request but unable to complete the comm because of weakness of HICKAM. (06Aug04) (JH)

08992.0 USAF Croughton: 0948 USB GHFS, AJE 17/Jun/2004 (TR)

08992.0 USAF Croughton: 1526 USB GHFS, AJE '4uclvo std/by msg follows 4uclvokhls26t2plqrtp5nszgvdd I say again... Croughton out' 15/Jun/2004 (TR)

09004.0 PENTA: 1835 USB / CORDENATION, REGIONAL AIR COMPANY/BRASIL (18/Jul/2004) (LW)

09006.7 F8EU: unid 0430 P-I/200 Bd clg from unid (23/Jun/04) (KK)

09016.0 RIDGEFOX: & BATHROOM with 4 character (E9SQ, NPEE, X701 etc.) message traffic: 1322 USB voice (23/JUNE/04) (JLM)

09025 PLA: USAF Lajes Field AZR 2110 ALE/USB Sounding. (26Jul04) (RGA)

09025.0 Sentry 31: (E-3B AWACS, Tinker AFB): 0343 USB w/Raymond-24 (552ACW CP, Tinker AFB) w/formatted report information. Immediately followed by E30008 (E-3B # 83-0008) in ALE checks w/Offutt. 06/16 RP3

09031.0 Architect: (RAF Flight watch): 0023 USB w/wx for Bagby & Prestwick.=06/18 RP3

09031.0 RAF ARCHITECT: 0819 USB wx for airfields EGVN...Jun20 04 ML

09047.0 022NHQCAP: (Nat'l Operations Center, Civil Air Patrol, Maxwell AFB AL): 1418 USB/ALE sounding. 06/19 RP3

09047.0 100NERCAP: (Northeast Region, Civil Air Patrol): 1354 USB/ALE sounding. 06/19 RP3

09052 BLAZER3412D: UNID VEN MIL unit, VEN 0019 USB/MIL-STD 188-141A, tfc to CCM33 (13Aug04) (LDO)

09052 BUJUMBURA: French emb. Bujumbura, BDI 0301 USB/MIL-STD 188-141A cng KHARTOUM (26Jul04) (LDO)

09052.0 BLAZER3412D: UNID VEN MIL unit, VEN 0019 USB/MIL-STD 188-141A, tfc to CCM33 (13Aug04) (LDO)

09085 CARIBE: CLM-Ny Caribbean Cmd. Cartagena, CLM 0244 LSB/MIL-STD 188-141A, cng "PROVIDENCIA" (06Aug04) (LDO)

09093.6 1TF792: French Ny ASW Frigate "PM L'Her" (F792) 1405 USB/MIL-STD 188-141A, cng. 3TLFUO (Toulon) (26Jul04) (LDO)

09110.0 NMF: USCG 0824 FAX Jun20 04 ML

09117.0 BR1: Brasilia 2315 USB ALE clg PE1 Pernambuco (28/Jun/04) (KK)

09120.0 Nighthawk 7: Probable HMX-1 helicopter 1405 USB / working Nighthawk 71. Possible POTUS support. (21July2004) (Midwest USA)

09124 AMMAN: French emb. Amman, JOR 1611 USB/MIL-STD 188-141A calling "RIYAD" (13Aug04) (LDO)

09124 RIYAD: French embassy Riyadh, ARS 2159 USB/MIL-STD 188-141A, tfc to AMMAN (13Aug04) (LDO)

09124.0 AMMAN: French emb. Amman, JOR 1611 USB/MIL-STD 188-141A calling "RIYAD" (13Aug04) (LDO)

09124.0 RIYAD: French embassy Riyadh, ARS 2159 USB/MIL-STD 188-141A, tfc to AMMAN (13Aug04) (LDO)

09135 ANTARNET01: UNID Tunisian MIL?, TUN? 0732 USB/MIL-STD 188-141A/data and secure voice via MIL-STD 188-110A serial tone modem to ASSADNET01 (25Jul04) (LDO)

09135 ASSADNET01: UNID Tunisian MIL?, TUN? 0732 USB/MIL-STD 188-141A/data and secure voice via MIL-STD 188-110A serial tone modem to ANTARNET01 (25Jul04) (LDO)

09145 RIW: Naval HQ Moscow 0112 CW working RGV82. QSA? K. (17Aug04) (WC)

09145.0 CLS: (101st Abn Div, Ft Campbell KY): 2033 USB/ALE

sounding. 06/17 RP3
09157 HEC: BernRadio SWI 2002 GLOBEDATA Idling. (25Jul04) (RGA)
09165 HLL: Seoul Meteo KOR 1857 FAX/120/576 Only just audible chart is very poor only just recognisable. (15Aug04) (RGA)
09190.0 64B: (Venezuelan Navy LST "Los Llanos" T-64): 0207 USB/ALE TO BNA=(Naval Base "Amario"). Also noted on 08500.0 LSB & 19200.0 USB. 06/23 RP3
09190.0 CGA: (HQs Venezuelan Navy): 1129 USB/ALE TO BNA (Naval Base "Amario"). 06/24 RP3
09190.0 CGA: (Venezuelan Navy HQs): 2239 USB/ALE TO BNA (Naval Base "Amario")=06/22 RP3=20
09198 2004: Italian Carabinieri Net 2113 ALE/USB Calls 2005. (26Jul04) (RGA)
09245.5 BAVARIANOPS: US-Army Katterbach(?) D 2040 USB/MIL-STD 188-141A, sounding (30Jul04) (LDO)
09245.5 R26023: US Army UH-60A Blackhawk, D 1552 USB/MIL-STD 188-141A calling MED236AA [236th MedCo Landstuhl/Germany] (05Aug04) (LDO)
09245.5 T5Z158: 5-158th AVN Giebelstadt, D 0708 USB/MIL-STD 188-141A, sounding (05Aug04) (LDO)
09260 68: Danish Military 1505 ALE/USB Calls collective DK11. (31Jul04) (RGA)
09288 KGG9: Russian Military 2051 CW GEAE de KGG9 R 149? K. Then asks KNKK QOKV 2SIK for QSL. (28Jul04) (RGA)
09295.0 ---: UNID 1818 MIL.STD 188-141A ALE on usb. c1ng YK20@@ - long bursts (12/Aug)(DW)
09295.0 TBZ159: (Company "B", 1/159th Avn Regt, Ft Bragg NC): 2204 USB/ALE sounding. 06/23 RP3
09350 2005: Carabinieri Peacekeeping unit Balkans, 2104 USB/MIL-STD 188-141A, calling 5004 (29Jul04) (LDO)
09360.0 OXT: COPENHAGEN MET 1310 FAX greenland ice chart Jun19 04 ML
09906.0 SCLC514: (Communications Logistics Center, 514th Jungle Inf Bn,=Venezuelan Army): 1115 USB/ALE TO CLC51 (Communications Logisitcs Center, 51st=Jungle Inf Bde). 06/23 RP3
10024 Santiago Aero: 2235 USB SS wkg LA833 SCL-IPC (08Aug04) (AT)
10024.0 CENAMER: (MWARA SAM-1): 0039 USB w/O/M (SS-aircraft) asking him to=standby on the frequency. 06/18 RP3
10030 Argentinas LDOC: 0415 USB SS AR1133 MAD-EZE c1g w/no response LDOC presumed and NOT ID'd (11Aug04) (AT)
10033.0 Houston Radio: 2056 USB w/flight 9929 (not heard) who reports departure from La Mesa and ETA at Tegucigalpa of 2115Z w/29 pax. 06/16 RP3
10051.0 Gander: 2055 USB w/SIGMETs and volmet. 06/16 RP3
10051.0 VFG: GANDER 0823 USB om Jun13 04 ML
10066 UP6882: UPS Flt 1820 HFDL Reports 1511N 1203E to Hat Yai. (03Aug04) (RGA)
10066 VP-BWK: Aeroflot A319 Flt SU0341 1821 HFDL Signs on to Hat Yai. (03Aug04) (RGA)
10075 CN-RNY: Royal Air Maroc A321 Flt AT0751 1931 HFDL Signs on. (31Jul04) (RGA)
10075 I-LIVB: Livingston A321 Flt LVG267 1832 HFDL Reports 3542N 02542E to ARINC Muharraq. (31Jul04) (RGA)
10075 LH8442: Lufthansa Cargo MD11F 1929 HFDL At 5224N 01511E. (29Jul04) (RGA)
10075 LX-PCV: Cargolux B747 'City of Diekirch' Flt CLX796 1924 HFDL Reports 2347N 07522E to ARINC Muharraq. 29Jul04) (RGA)
10075 MSR804: EgyptAir Flt 1921 HFDL At 3020N 03112E. (31Jul04) (RGA)
10075 SU-GCE: Egyptair A330-243 Flt MS0663 1907 HFDL Signs on. ICAO ID 450080. Ex F-WWYK. (31Jul04) (RGA)

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10075 VP-BWH: Aeroflot A320 1927 HFDL At 5449N 01145E.
ICAO ID 9A8002 (31Jul04) (RGA)

10075 VS0250: Virgin Atlantic Flt 1912 HFDL At 5721N 02005E.
(31Jul04) (RGA)

10075 ZS-SNB: S.African Airways A340 1928 HFDL Signs on.
Poss Flt SA0287. (29Jul04) (RGA)

10087 A7-ACB: Qatar Airways A330 1744 HFDL Signs on.
(03Aug04) (RGA)

10087 AY1016: Finnair B757 2022 HFDL At 5557N 02655E. To
Krasnoyarsk. (29Jul04) (RGA)

10087 AY1022: Finnair B757 1928 HFDL Reports 5947N 02525E
to ARINC Krasnoyarsk. (03Aug04) (RGA)

10087 D-ALCG: Lufthansa Cargo MD11F Flt LH8640 1701 HFDL
Signs on. (03Aug04) (RGA)

10087 F-GYAS: Air France A319 Flt AF0827 1914 HFDL Signs on
to Krasnoyarsk. (03Aug04) (RGA)

10087 I-LIVB: Livingstone A321 Flt LVG455 1817 Posn report
3951N 02506E. (10Aug04) (RGA)

10087 N454PA: Polar Air Cargo B707-321 Flt PO0511 1708 HFDL
Signs on to ARINC Krasnoyarsk. (03Aug04) (RGA)

10087 SU0225: Aeroflot Flt 1659 HFDL Reports 5558N 03724E to
ARINC Krasnoyarsk. (10Aug04) (RGA)

10087 VP-BDO: Aeroflot A319 Flt SU9001 1806 HFDL Posn
report 5604N 03743E. (10Aug04) (RGA)

10087 VP-BWD: Aeroflot A320 Flt SU0257 2020 HFDL Reports
5413N 01014E to ARINC Krasnoyarsk. (29Jul04) (RGA)

10087 ZS-SND: S.African Airways A349 Flt SA0261 1957 HFDL
At 4349N 01056E. (03Aug04) (RGA)

10100.7 DDK9: Hamburg Met 1140 RTTY/50/440 CQ/Ry's
(12/Aug/04) (RH2)

10100.8 DDK9: HAMBURG MET 1551 RTTY 50/N/450 Met tfc. wx
and sea bulletin for Mediterranean (13/Aug)(DW)

10115 CLC51: Comms Logistic Centre 51 Jungle Inf Bn Venezuelan Army
2117 ALE/USB wkg SCLC514/Communications
Logistics Centre 514 Jungle Inf Bn Venezuelan Army.
(28Jul04) (RGA)

10136,2 : unid (egy air defense ??) 0828 arq-e/46,2 zczc kaa790
wka790 88 18094. 46099krm% gcy manf%00 vfk- vmxomy 00
vmybdinnnnnnnf 18Aug04 (wp3)

10160 1020: Turkish Red Crescent Net 2047 ALE/USB Calls
1050. (03Aug04) (RGA)

10166.8 : Australian Navy, AUS 1618 300Bd/340Hz FSK, KG-84
encrypted tfc.(07Aug04) (LDO)

10190.0 PARNUYJP: Estonian Single Infantry Battalion Pärnu
0609 USB/ALE clg YSP Peace Operations Centre (18/Jun/04)
(KK)

10190.0 PARNUYJP: Estonian Single Infantry Battalion Pärnu
1116 USB/ALE clg KUPERJANOVIYJP S.Inf.Bat Kuperjanov
(18/Jun/04) (KK)

10206.2 1366: Prob Egyptian Border Guard 2102 ALE/USB
Sounding. (28Jul04) (RGA)

10211 OHT30P: Sonatrach Net Pump Station Ohanet Algeria
2118 ALE/LSB Sounding. (28Jul04) (RGA)

10244 HR: Sonatrach Oil/Gas Hassi R'Mel ALG 2015 ALE/USB
Sounding. (29Jul04) (RGA)

10248.0 8BY: DGSE PARIS 1943 CW End of transmission and
offair. At 1945 starts "vvv 8BY 914/364/912" (14/Aug)(DW)

10250 : UNID Turkish Ny vessel, 0916 USB/MIL-STD 188-110A
serial tone mode at 1200bps short interleaving, STANAG
5066
protocol, brief tfc. exchanges w. other Turkish & non-
Turkish
units, probably exercise related (08Aug04) (LDO)

10250.0 no-call: UNID Turkish Ny vessel, 0916 USB/MIL-STD
188-110A serial tone mode at 1200bps short interleaving,
STANAG 5066 protocol, brief tfc. exchanges w. other
Turkish &
non-Turkish units, probably exercise related (08Aug04)

(LDO)
10272.0 CGGN: (HQs, Venezuelan National Guard): 0112 USB/ALE
TO MIRA1(probably Dir.Transporte Naval Miranda). Also
noted on
09052.0. 06/20 RP3
10272.0 CGGN: (HQs, Venezuelan National Guard): 0906 USB/ALE
TO CUFAN1=(Unified Command of National Armed Forces).
Also
on 10600.0. 06/21 RP3=20
10272.5 : Bavarian Fed. Police Munich, D 0530 USB/FARCOS
1800Bd, tfc. to unlocated station (Berlin?) (17Aug04)
(LDO)
10273.5 OEY41: Austrian MIL station, AUT 0606 USB/MIL-STD
188-141A tfc. to OEY52 (17Aug04) (LDO)
10273.5 OEY52: Austrian MIL station, AUT 0606 USB/MIL-STD
188-141A tfc. to OEY81 and OEY41 after c'ng NETZ2 [=
collective
call] (17Aug04) (LDO)
10273.5 OEY81: Austrian MIL station, AUT 0606 USB/MIL-STD
188-141A tfc. to OEY52 (17Aug04) (LDO)
10285 RNOUSLR1: Sonatrach Oil/Gas Rhourde Nouss LR1
Pipeline ALG 2021 ALE/LSB Sounding. (29Jul04) (RGA)
10360 001111: Unid. Possible Turkish 2134 ALE/USB Calls
004444. (28Jul04) (RGA)
10408 OPS171: 1-171 Avn Bn Deployed 2128 ALE/USB
Sounding. (28Jul04) (RGA)
10408 T1Z106: 1 Bat 106 Avn Regiment US Army Deployed 2117
ALE/USB Sounding. (28Jul04) (RGA)
10502 KIN: Angolan embassy Kinshasa, ZAI, 2133 USB/MIL-STD
188-141A sounding (05Aug04) (LDO)
10504.6 no-call: UNID Algerian network, ALG 1833 SIEMENS
CHX-200 system 250Bd/170Hz, selcall + frequency hopping
mode
(07Aug04) (LDO)
10504.6 : UNID Algerian network, ALG 1833 SIEMENS CHX-200
system 250Bd/170Hz, selcall + frequency hopping mode
(07Aug04) (LDO)
10536.0 CFH: HALIFAX 0844 ITA2/75 wx bulletin "KNKT KNBC
LPPP? KNIP..."Jun13 04 ML
10537 DD2: Israeli AF 1941 ALE/USB Sounding. (29Jul04) (RGA)
10600.0 CGGN: (Venezuelan National Guard HQs): 0512 USB/ALE
TO MIRA1 (possibly Venezuelan Navy Special Operations
Unit
"Generalissimo Miranda"). 06/24 RP3
10600.0 CID: (unidentified, Rockwell-Collins): 1115 USB/ALE
sounding. 06/24 RP3
10600.0 CID: (Rockwell Communications Central, Cedar Rapids,
IA): 0227 USB/ALE sounding. 06/23 RP3
10600.0 CID: (unidentified, possibly Venezuelan military): 1316
USB/ALE=sounding. 06/22 RP3
10600.0 CRC2M: (Regional Command Center, 2nd Military Region,
Venezuelan Army): 1056 USB/ALE TO CLC23M (Communications
Logistics Center, 23rd Inf Bde). 06/24 RP3
10600.0 LAB: (Rockwell Collins, France): 2042 USB/ALE sounding.
Also sounding on 14550.0. 06/23 RP3
10600.0 LAB: (Rockwell-Collins Integration Lab, France): 0731
USB/ALE TO CID (unidentified, Rockwell-Collins). 06/24
RP3
10611 : Moscow Meteo 1648 FAX/120/576 Fair chart with
pressure gradients. (31Jul04) (RGA)
10648 : Enigma E10: 1613 AM YL with message. Groups 53. Text
LBYPV EKK?C ... (28Jul04) (RGA)
10711 2P1: Brazillian Army Poss Sao Paulo 2025 ALE/USB wkg
RJ1/BA Rio de Janiero. (28Jul04) (RGA)
10796 VWSH: Unid CIS Stn 1441 CW MJFS de VWSH QSA NO
QSY 7622. Nothing on 7622. Then QWK QWK SK.
(15Aug04) (RGA)
10797.5 KBNWNG: (Army Nat'l Guard, Boone Airport, IA): 1645

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USB/ALE sounding. 06/22 RP3
10825 AMMAN: French embassy Amman, JOR 2019 USB/MIL-
STD 188-141A/Rohde & Schwarz 2400Bd proprietary PSK
waveform, tfc to RIYAD (13Aug04) (LDO)
10825 CONAKRY: French emb. Conakry, GUI 2021 USB/MIL-
STD 188-141A c1ng RABAT (28Jul04) (LDO)
10825 RABAT: French Diplo Hub Rabat 1940 ALE/USB Calls
CER11/N.African Dept MFA Paris. (29Jul04) (RGA)
10825 RABAT: French Embassy Rabat 2054 ALE/USB Calls
CONAKRY/Conakry GUI Embassy. (28Jul04) (RGA)
10825 RIYAD: French embassy Riyadh, ARS 2019 USB/MIL-STD
188-141A/Rohde & Schwarz 2400Bd proprietary PSK waveform,
tfc to AMMAN (13Aug04) (LDO)
10825.0 AMMAN: French embassy Amman, JOR 2019
USB/MIL-STD 188-141A/Rohde & Schwarz 2400Bd proprietary
PSK waveform, tfc to RIYAD (13Aug04) (LDO)
10825.0 RIYAD: French embassy Riyadh, ARS 2019 USB/MIL-
STD 188-141A/Rohde & Schwarz 2400Bd proprietary PSK
waveform, tfc to AMMAN (13Aug04) (LDO)
10830 T2Z238: 2-238 AVN US Army Tuzla BIH 1953 ALE/USB
Sounding. (29Jul04) (RGA)
10830 T2Z238: 2-238 AVN US Army Tuzla BIH 2020 ALE/USB
Sounding. (03Aug04) (RGA)
10830 T2Z238: 2-238 AVN US Army Tuzla BIH 2042 ALE/USB
Sounding. (28Jul04) (RGA)
10871.7 D: CISM BEACON ODESSA 1437 CW Single letter [D]
beacon (13/Aug)(DW)
10871.7 DP: MX Beacons 1446 CW D/Odessa with P/Kaliningrad
on 10871.8 (15Aug04) (RGA)
10871.8 P: CISM BEACON KALININGRAD 1439 CW Single letter
[P] beacon (13/Aug)(DW)
10871.9 DPS: MX Beacon 1718 CW Arkhangelsk. P/Kaliningrad
10871.8 D/Odessa 10871.7 (15Aug04) (RGA)
10871.9 S: CISM BEACON ARKHANGELSK 1440 CW Single letter
[S] beacon (13/Aug)(DW)
10914.5 NDDCEA: (Brazilian Navy Dock Landing Ship G-30
"CEAR=C1"): 0138 USB/ALE=TO NDCCMM (Large landing ship,
"Mattoso Maia", G-28)--[AMD]FAXDATA CK . Also=noted on
14780.0. 06/23 RP3
11000 : Unid 1607 CW Ends message 4994 2408 3904 AR.
(28Jul04) (RGA)
11000 RIW: Russian Navy HQ Moscow 1814 CW RKW95 de RIW
QSU1 QSX 12230/12230 K. Nothing audible 12230. At 1726z-
RKW95 de RIW QSU1 QSA1 QRO K. QSU1 QSX 12260/12260 K.
Nothing audible 12260. At 1732z-RKW95 de RIW QSU1 QSX
?????/????? (QRM). At 1841z RKW95 de RIW QSU1 QSX
8195/8195 K. Nothing audible. At 1850z-RKW95 de RIW QSU1
SK.
End of story. (28Jul04) (RGA)
11000.0 RIW: CISM MOSCOW 1548 CW "de RIW qyt4 qsa?"
"RMRV de RIW k" (13/Aug)(DW)
11023 UTS27: Unid Ukranian 1656 RTTY/50/340 Telecipher with
zzzzzzzz leadin/leadout. Plain headers like UTS27 479
0/? 31 1941
75/28. UTC+3. (31Jul04) (RGA)
11039 DDH9: DWD Hamburg via Pinneberg 1707 RTTY/50/450
RYS and calls. //147.3 (31Jul04) (RGA)
11039.0 DDH9: HAMBURG MET 1030 RTTY 50/N/450 Met tfc in
GG. Poor copy (14/Aug)(DW)
11090 KVM70: Honolulu Met 0650 FAX/120/576 Satpix.
(14/Aug/04) (RH2)
11090.0 KVM70: HONOLULU MET 0641 FAX 120/576/N/800 End of
sat pix (E Pacific) 0645 Sat pix (W Pacific) (19/Jul)(DW)
11168.6 KRH54: US State Department 1959 ALE/USB Sounding.
(03Aug04) (RGA)
11175 AFA3: USAF Skyking DNA [HYP 57 GL] J3E 1857
10-aug-04 (SW)
11175.0 Reach237: 0949 USB GHFS, Reach 237 at posn 44 22N

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008 19E 17/Jun/2004 (TR)
11175.0 Raid 45: 0245Z Raid 45 [KC-135] call McClellan PP Grand
Forks AFB, N.D. - checking on A/C for A/R they are good
to go
6/18/04 (RR)
11175.0 Thunderbird 14: USAF T'bird support aircraft 1639 USB /
calling Mainsail with no joy. (12Aug2004) (Midwest USA)
11181 CROSPR: USAF SIPRNet Stn RAF Croughton UK 1920
ALE/USB Sounding. (29Jul04) (RGA)
11226 220105: USAF C-17 01-0105(?) 2029 ALE/USB Calls
OFF/Offutt AFB NE. (11Aug04) (RGA)
11226 291191: USAF C-17 89-1191 2126 ALE/USB Sounding.
(11Aug04) (RGA)
11226 450032: USAF KC-10 85-0032 2003 ALE/USB Sounding.
(28Jul04) (RGA)
11226 70000456: Unid 2032 ALE/USB Sounding. (11Aug04) (RGA)
11226 HAW: wideawake AFB Ascension 2021 ALE/USB
Sounding. (26Jul04) (RGA)
11244 REACH 50: Clg MAINSAIL 1914 USB "On 11244 with
request" a couple of times with no response and quiet.
(13 Aug 04) (JH)
11247.0 Architect (RAF Flight watch): 2041 USB w/Ascot 3575
(probable VC-10) w/wx for RAF Brize Norton. 06/16 RP3
11247.0 Architect: (RAF Flight watch): 0100 USB w/airfield status
report. 06/17 RP3
11291.0 Dakar Radio: 0252 Utc Dakar Radio AFI-Mwara qso
with Varig 8721 pos. rep. 23jun04 (DP)
11300 3005: Italian Carabinieri 1926 ALE/USB Calls 5004. [AMD]
"DIAL4". (29Jul04) (RGA)
11300 OSCAR 0051: Oscar 051 wkg Cairo, posn rpt. J3E 1929
09-aug-04 (SW)
11300 SEYCHELLE: 0018 wkg Mogadishu, posn rpt. J3E 1935
09-aug-04 (SW)
11300.0 Tripoli Aero: 0130Z Tripoli Aero with Nabibia(?) 285, Papa
Oscar Tango 679, Kilo Fox Romeo 320, 19/jun/04 (TN)
11384 770: Unid Flight 1610 HFDL Posn report to ARINC
Shannon 4835N 00219E. (14Aug04) (RGA)
11384 SA9260: S.African Airways Flt 1615 HFDL Posn report
4107N 01114E. (14Aug04) (RGA)
11384 SU0575: Aeroflot Flt 1612 HFDL Posn report 4835N
00219E. (14Aug04) (RGA)
11384.0 ---: FLIGHT SU0299 1743 HFDL on usb. Psn 51.34N
17.51E. 1748 psn 51.22N 16.54E. 1753 psn 51.8N 15.57E
(14/Aug)(DW)
11384.0 ---: FLIGHT SU0317 1741 HFDL on usb. Psn 55.23N
34.31W 1751 psn 54.39N 36.19W. 1756 psn 54.18N 37.8W
(14/Aug)(DW)
11384.0 360F45: 0748 HFDL/USB [HFNPDU PERFORMANCE]
07:48:36 UTC Flight ID = 360F45 LAT 43 37 3 N LON 1
21 54 E
17/Jun/2004 (TR)
11384.0 Aeroflot SU0117: 0702 HFDL/USB [HFNPDU
PERFORMANCE] 07:02:40 UTC Flight ID = SU0117 LAT 56 22
47
N LON 29 57 17 E 17/Jun/2004 (TR)
11384.0 Aeroflot SU0220: 0840 HFDL/USB [HFNPDU
PERFORMANCE] 08:40:10 UTC Flight ID = SU0220 LAT 59 27
53
N LON 19 4 51 E 17/Jun/2004 (TR)
11384.0 Aeroflot SU0253: 0709 HFDL/USB [HFNPDU
PERFORMANCE] 07:09:32 UTC Flight ID = SU0253 LAT 55 23
50
N LON 14 4 34 E 17/Jun/2004 (TR)
11384.0 Aeroflot SU0261: 0702 HFDL/USB [HFNPDU
PERFORMANCE] 07:02:36 UTC Flight ID = SU0261 LAT 53 49
18
N LON 26 35 51 E 17/Jun/2004 (TR)
11384.0 Aeroflot SU0273: 0731 HFDL/USB [HFNPDU

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PERFORMANCE] 07:31:24 UTC Flight ID = SU0273 LAT 54 16
22
N LON 27 46 50 E 17/Jun/2004 (TR)
11384.0 Continental CO0041: 0817 HFDL/USB [HFNPDU
PERFORMANCE] 08:17:50 UTC Flight ID = CO0041 LAT 41 48
19 N LON 11 20 11 E 17/Jun/2004 (TR)
11384.0 Continental CO0044: 0843 HFDL/USB [HFNPDU
PERFORMANCE] 08:43:14 UTC Flight ID = CO0044 LAT 45 38
1
N LON 8 43 18 E 17/Jun/2004 (TR)
11384.0 Finair AY2739: 0708 HFDL/USB [HFNPDU
PERFORMANCE] 07:08:10 UTC Flight ID = AY2739 LAT 35 32
18
N LON 24 8 26 E 17/Jun/2004 (TR)
11384.0 OHLBV: FLIGHT AY2750 1743 HFDL on usb. Psn 35.37N
24.6E. 1746 End of flight reports. 1756 psn 37.2N 24.26E
(14/Aug)(DW)
11384.0 Royal Air Maroc RAM777: 0759 HFDL/USB [HFNPDU
PERFORMANCE] 07:59:38 UTC Flight ID = RAM777 LAT 48 24
37 N LON 2 1 8 E 17/Jun/2004 (TR)
11407 ANTARNET01: Antarnet. Poss Tunisian Military 1847
ALE/USB wkg ASSADNET01. (29Jul04) (RGA)
11407 ANTARNET01: Poss Tunisian Military 2252 ALE/USB
Calls ASSADNET01. (11Aug04) (RGA)
11407 ANTARNET01: Possible Moroccan MOI/Military 1930
ALE/USB Calls ASSADNET01. (03Aug04) (RGA)
11407.0 ANT: UNID 1234 MIL.STD 188-141A ALE on usb. CIng
AGR (04/Aug)(DW)
11407.0 ANTARNET01:UNID 0637 MIL.STD 188-141A ALE on
usb. CIng ASSADNET01 (04/Aug)(DW)
11407.0 ANTARNET01:UNID 1602 MIL.STD 188-141A ALE on
usb. CIng ASSADNET01, also at 1602 1627 1814 1836 1853
1856
1924 1931 1932 1939 1940 2014 2046 2056 2059 (05/Aug)(DW)
11407.0 ANTARNET01:UNID 1919 MIL.STD 188-141A ALE on
usb. CIng ASSADNET01. Also at 2104 2117 2123z (06/Aug)
(DW)
11407.0 ANTARNET01:UNID 2106 MIL.STD 188-141A ALE on
usb. CIng ASSADNET01 (03/Aug)(DW)
11407.0 ASSADNET01:UNID 2058 MIL.STD 188-141A ALE on
usb. CIng ASSADNET01 (05/Aug)(DW)
11455.2 : NATO System 1452 STANAG-4285/USB 600 bps long
interleave. Good synch. Apparent continuous enchipered
data.
(15Aug04) (RGA)
11460 LESKOVIKU: Albanian MOI Leskoviku 1907 ALE/USB
Calls SHEBINIKU. (29Jul04) (RGA)
11480 LESKOVIKU: Albanian MOI Leskoviku 1902 ALE/USB
Calls SHEBINIKU. (29Jul04) (RGA)
11480.0 TN3: UNID 2001 MIL.STD 188-141A ALE on usb. CIng
TO3 (20/Jul)(DW)
11480.0 ZV3: UNID 1958 MIL.STD 188-141A ALE on usb. CIng
JE3. Also at 2358z (20/Jul)(DW)
11494 CS4: Cothen Remote Lovlock NV USA 1934 ALE/USB
Calls I3L/BICE CESSNA 550 #N6763L. (28Jul04) (RGA)
11494 I54: US BICE Florida-based CESSNA-550 N1254X 2251
ALE/USB Sounding. (11Aug04) (RGA)
11494 LNT: Unid US BICE 1912 ALE/USB Calls J37/USCG
HH-60J No 6037 of CGAS Cape Cod. (28Jul04) (RGA)
11495 0000001220: Prob Turkish Net 2242 ALE/USB Sounding.
(11Aug04) (RGA)
11495 0000001220: Probable Turkish Net 1903 ALE/USB
Sounding. (28Jul04) (RGA)
11498 ERMSAL: Brazillian Naval Radio Salvador 1934 ALE/USB
Calls FBOSIS/Greenhalgh class Frigate F-48 Bosisio.
(03Aug04) (RGA)
11498 NEBRSL: Braz. Ny training ship "Brasil" (U27), 0948
USB/MIL-STD 188-141A, calling ERMNAT [=Natal]

(01Aug04) (LDO)
11500 1070: Turkish Red Crescent 2255 ALE/USB Calls 4014.
(11Aug04) (RGA)
11510 LESKOVIKU: Albanian MOI Leskoviku 1907 ALE/USB
Calls SHEBINIKU. (29Jul04) (RGA)
11630.0 TBZ159: (Company "B", 1/159th Avn Regt, FT Bragg NC):
1420 USB/ALE sounding. Also sounding on 09295.0. 06/22
RP3
11638 DDK8: DWD Hamburg via Pinneberg 1400 RTTY/50/450
Ship obs. (29Jul04) (RGA)
11674.0 QUEBEC 4 DELTA: with "message of 28 characters":
1502 USB voice (23/JUNE/04) (JLM)
12132 @@1: Unid 2231 ALE/USB Calls BR1/Brazillian Army HQ
Brasilia. Later BA1/Brazillian Navy Bahia calls BR1.
(11Aug04) (RGA)
12132 BR1: Brazillian Army HQ Brasilia 2154 ALE/USB Calls
BA1/Navy Bahia. Then BR1 calls BA1. (11Aug04) (RGA)
12141 110: Unid 1834 ALE/USB Calls 163. (29Jul04) (RGA)
12191 SCL: Comms Logistics Service Venezualan Army 2233
ALE/USB Calls CLC51/Comms Logistic Centre 51 Jungle Inf
Bn
Venezualan Army. (11Aug04) (RGA)
12191 SCL: Comms Logistics Svc Venezualan Army 2209
ALE/USB CALLS CLC51/Comms Logistics Centre 51 Jungle Inf
Battalion. (11Aug04) (RGA)
12191 SCLC514: Comms Logistics Centre 514 Jungle Inf Bn
Venezualan Army 2226 ALE/USB Calls CLC51/Comms Logistics
Centre 51 Jungle Inf Battalion. (11Aug04) (RGA)
12191.0 SCLC512: (Communications Logistics Center, 512th
Jungle Inf Bn, Venezualan Army): 0928 USB/ALE TO
CLC51(Communications Logistics Center, 51st Jungle Inf
Bde).
06/20 RP3
12225 DMAZIN: UNJLC OPS Ad Damazin, SDN 1749 USB/MIL-
STD 188-141A/CLOVER-2000, FAX tfc. to NYALA2
(17Aug04) (LDO)
12225 FAW1: UNJLC OPS El Faw, SDN 0504 USB/MIL-STD
188-141A calling OBIED (18Aug04) (LDO)
12225 JUBA: UNJLC OPS Juba, SDN 1749 USB/MIL-STD
188-141A/CLOVER-2000, FAX tfc. to NYALA2 (18Aug04) (LDO)
12225 MADANI: UNJLC Madani SDN 2228 ALE/USB Sounding.
(11Aug04) (RGA)
12225 NYALA2: UNJLC OPS Nyala, SDN 1749 USB/MIL-STD
188-141A/CLOVER-2000, FAX tfc. to DMAZIN (17Aug04) (LDO)
12225 NYALA4: UNJLC OPS Nyala, SDN 0500 USB/MIL-STD
188-141A calling ATBARA (18Aug04) (LDO)
12225 OBIED: UNJLC OPS El obeid, SDN 1641 USB/MIL-STD
188-141A/CLOVER-2000, FAX tfc. to NYALA1 (17Aug04) (LDO)
12225 SHENDI: UNJLC OPS Shendi, SDN 1158 USB/MIL-STD
188-141A, calling NYALA4 (18Aug04) (LDO)
12225.0 DMAZIN: SUDAN NET ED DAMAZIN 0423 MIL.STD
188-141A ALE on usb. CIng KOS/(Kosti?/Kosli?/Kusti?)
(13/Aug)(DW)
12225.0 DMAZIN: SUDAN NET EL DMAZIN 2328 MIL.STD
188-141A ALE on usb. Sounding (18/Aug)(DW)
12225.0 GADARAF: SUDAN NET GADARAF 0308 MIL.STD
188.141A ALE on usb. Sounding. (13/Aug)(DW)
12225.0 GADARAF: SUDAN NET GEDAREF 0024 MIL.STD
188-141A ALE on usb. Sounding. Also at 0224 0425 (15/Aug)
(DW)
12225.0 GADARAF: SUDAN NET GEDAREF 0115 MIL.STD
188-141A ALE on usb. Sounding, also at 0316, 1823, 2023,
2224
(14/Aug)(DW)
12225.0 GADARAF: SUDAN NET GEDAREF 2312 MIL.STD
188-141A ALE on usb. Sounding. (18/Aug)(DW)
12225.0 GADARAF: SUDAN NET GEDAREF 2315 MIL.STD
188-141A ALE on usb. Sounding (13/Aug)(DW)

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12225.0 GIRBA: SUDAN NET GIRBA 0057 MIL.STD 188-141A
ALE on usb. Sounding. Also 0157 0257 0357 0447 (15/Aug)
(DW)

12225.0 GIRBA: SUDAN NET GIRBA 1810 MIL.STD 188-141A
ALE on usb. Sounding. (13/Aug)(DW)

12225.0 GIRBA: SUDAN NET GIRBA 1955 MIL.STD 188-141A
ALE on usb. Also 2055, 2155, 2256, 2356 (14/Aug)(DW)

12225.0 GIRBA: SUDAN NET GIRBA 2141 MIL.STD 188-141A
ALE on usb. Sounding. Also 2342 (18/Aug)(DW)

12225.0 MADANI: SUDAN NET MEDANI 2117 MIL.STD 188-141A
ALE on usb. (14/Aug)(DW)

12225.0 MADANI: SUDAN NET WAD MEDANI 2254 MIL.STD
188-141A ALE on usb. Sounding (18/Aug)(DW)

12225.0 NYA: SUDAN NET NYALA 2136 MIL.STD 188-141A ALE
on usb. C1ng POR/(Port Sudan?) (13/Aug)(DW)

12225.0 OBIED: SUDAN NET OBIED 2141 MIL.STD 188-141A ALE
on usb. Sounding. (18/Aug)(DW)

12227 XNHT: Russian Military 1456 CW In traffic XNHT 891 111
15 891 = ZZI 364 = QFNAA UVYWL WHEUZ ... HIGCS aTAPI
K. +
Reptns. (15Aug04) (RGA)

12297 474: Unid 1922 ALE/USB Sounding. (11Aug04) (RGA)

12337 REA4: AFHQ Moscow 2050 REVS/50/1000 No sked
broadcast (03020) at 2040. // 7959. (03Aug04) (RGA)

12354.5 : German MIL net, D 1559 USB/EADS-MAHRS 2400Bd
PSK burst mode, ARCOTEL ALE bursts (07Aug04) (LDO)

12370 : Russian Military 1508 MS-5/1440/USB Idle/setup tones.
(15Aug04) (RGA)

12370 NEBRSL: Brasillian Navy? [TO][ERMNAT]Natal Brazil ALE
1540 11-aug-04(SW)

12398 : Russian Military 1510 MS-5/1440/DPSK/USB In traffic.
(15Aug04) (RGA)

12437.0 ERMBEL: (Brazilian Navy Radio Station, Belem): 0258
USB/ALE TO NDDCEA=(Brazilian Navy, Dock Landing Ship G-30
"CEAR=C1 "). 06/18 RP3

12437.0 NTGMTA: (Fleet Oiler, " Almirante Gastao Motta, G-23):
2331 USB/ALE TO NDDCEA (Dock Landing Ship G-30 "CEAR=
C1"). 06/22 RP3

12477 6701: Unid 1757 ALE/USB Sounding. (28Jul04) (RGA)

12503.5 UAUO: Akademik Serguiei Vavilov 1513 ARQ SELCALs
KYMV/3740 Unid Russian coast stn on Pacific coast.
(15Aug04) (RGA)

12568.2 : NATO System 2027 STANAG-4285/USB 600 bps long
interleave. Fair synch. Fading. Enciphered data.
(03Aug04) (RGA)

12577 3FMN6: Panamanian Registered Ship Ken Koku 1914
GMDSS RQs Charleville/Wiluna for safety check. (29Jul04)
(RGA)

12577 9HCR7: Maltese Registered Ship Aktia 1735 GMDSS RQs
Lynbyradio/OXZ for safety check. (29Jul04) (RGA)

12577 9VYY2: Singapore Ship Lota Mesra 1855 GMDSS RQs
Caperadio/ZSC for safety check. (29Jul04) (RGA)

12577 A8BI4: Liberian Registered Ship Courtenay Bay RQs
Caperadio/ZSC for safety check. 12577 UBDA: Russian
Ship
Kildin 1841 GMDSS RQs Lynbyradio/OXZ for safety check.
(29Jul04) (RGA)

12577 DIBZ: German Ship Hanjin Vienna 1829 GMDSS RQs
Maersk Pireaus/DAJL with ships position update and
includes
receive freq 3454 kHz. At 1832 RQs again for simplex USB
telephone conversation on 12500 kHz. At 1848 tries for
12300 kHz
and receives a BQ. (29Jul04) (RGA)

12577 DIBZ: German Ship Hanjin Vienna 1914 GMDSS RQs
Maersk Pireaus/DAJL for simplex USB telephone call on
12500
kHz which is BQ'd. still trying to set up that elusive

- telephone call.
(29Jul04) (RGA)
- 12577 EALP: Spanish Ship Borja Tapias 1619 GMDSS Calls
LyngbyRadio/OXZ for safety check. (11Aug04) (RGA)
- 12577 EHST: Spanish Ship Dhoce 1619 GMDSS Calls unlisted
vessel 31154700 for simplex telephone conversation on
12320
kHz. (10Aug04) (RGA)
- 12577 EQUZ: Iranian Ship Iran Nessa 1827 GMDSS RQs
LyngbyRadio/OXZ for safety test. Then tests with
CapeRadio/ZSC. (29Jul04) (RGA)
- 12577 H3FJ: Panamanian Registered Ship CIC Horizon 1725
GMDSS RQs FinisterreRadio SPA for safety check.
(29Jul04) (RGA)
- 12577 HOWG: Panamanian Registered Ship Mew Sea Star 1814
GMDSS Calls Korean ship Heunga Singapore/DSEJ7 for
simplex
USB telephone conversation on 12270 kHz. (29Jul04) (RGA)
- 12577 HPWC: Panamanian Registered Ship Pacific Constructor
1515 GMDSS RQs LyngbyRadio/OXZ for safety test.
(10Aug04) (RGA)
- 12577 MDKG9: British Ship Maersk Rye 1532 GMDSS RQs
Lyngby/OXZ for safety test. (10Aug04) (RGA)
- 12577 OXZ: LyngbyRadio 1536 GMDSS RQs safety test to
Russian ship Volgo Balt/UHYP. (10Aug04) (RGA)
- 12577 OXZ: LyngbyRadio DNK 1439 GMDSS BQs Safety check
from Ukranian ship Azovskoye More/UWPX. (10Aug04) (RGA)
- 12577 P3FA9: Cypriot Ship Ambermar 1615 GMDSS Calls unid
PRNK ship for simplex telephone call on 16530 kHz.
(11Aug04) (RGA)
- 12577 PJAZ: Netherlands Antilles Ship Uranus 1817 GMDSS
Calls unid Grenadian ship (330633210) for simplex USB
telephone
conversation on 12353 kHz. (29Jul04) (RGA)
- 12577 UAWI: Russian Ship Riroil-5 1459 GMDSS RQs
Lyngby/OXZ for safety test. (10Aug04) (RGA)
- 12577 UAWI: Russian Ship Riroil-5 1559 GMDSS RQs Russian
ship Farez Ismailkhanov/UFNK for simplex telephone call
on
8406 kHz. (10Aug04) (RGA)
- 12577 UBDE: Russian Vessel Pegas 1704 GMDSS RQs
Lyngbyradio/OXZ for safety test. OXZ BQs. (29Jul04) (RGA)
- 12577 UCZA: Russian Ship Volgo Balt-246 1506 GMDSS BQs
LyngbyRadio/OXZ for safety check. (11Aug04) (RGA)
- 12577 UTXZ: Ukranian Ship Sergei Smirnof 1924 GMDSS Sends
ship position report to Cypriot ship Tampico Bay/3FMN6
for some
reason. At 1925 RQs same ship for USB simplex telephone
conversation on 16551 kHz. (29Jul04) (RGA)
- 12577 XSX: ChilungRadio TAI 1656 GMDSS BQs safety test to
Malaysian ship Shinline 6. (29Jul04) (RGA)
- 12577 XSX: ChilungRadio TAI 1713 GMDSS BQs safety test to
PRC ship Darya Gyan/VRXC3. (29Jul04) (RGA)
- 12577 XSX: ChilungRadio TAI 1859 GMDSS BQs safety test to
Panamanian registered ship Uni Aspire/3FVN8. (29Jul04)
(RGA)
- 12579.0 NMC: USCG San Francisco, CA 0020 FEC 100/170 Marine
WX forecast (06/Aug/2004) (J. Berri-CA)
- 12581.5 XSV: TianjinRadio PRC 2024 ARQ w/Morse ID. (03Aug04) (RGA)
- 12585 NRV: USCG Apra Harbour Guam 1526 ARQ w/Morse ID.
(15Aug04) (RGA)
- 12590.5 RRR34: Moskva-1 1530 FEC
ABVGDEJZIKLMNOPRSTUFHC CH SH SC X Y E IU IA. CQ DE
3756 (Russian alphabet) then service details in 3SC. QTC
List - 2
urgent 17 routine. Reverts to ARQ idler. (15Aug04) (RGA)
- 12592.5 NMN: USCG Portsmouth VA 2022 ARQ w/Morse ID.
(03Aug04) (RGA)

12594.5 A9M: ManamaRadio BHR 1535 ARQ Idler w/Morse ID.
(15Aug04) (RGA)

12603 LINCONSHIRE POACHER: E03 1536 USB Old woman in
5FG traffic. Causing QRM to SVO's ARQ marker on 12603.5
(15Aug04) (RGA)

12606 UIW: KaliningradRadio 2018 ARQ Tgm by autotelex to
ship Pavel Batov/UATY then reverts to idle w/Morse ID.
(03Aug04) (RGA)

12610 : Russian Military 1538 36-50/50/190 Idling on reversals.
(15Aug04) (RGA)

12613 XSQ: GuangzhouRadio PRC 1540 ARQ Cable to ship
70755/Yang-X in Chinese. Then reverts to marker.
(15Aug04) (RGA)

12637.5 XSG: ShanghaiRadio PRC 1542 ARQ Marker w/Morse ID.
(15Aug04) (RGA)

12660 LFI: GlobeRadio Rogaland NOR 1603 GLOBEDATA Idling.
Also 12678. (15Aug04) (RGA)

12700 XSQ: KwangchowRadio PRC 1607 CW CQ de XSQ PSE
UP 446 CLG K. (15Aug04) (RGA)

12702.0 CKN: CANF VICTORIA 1901 ITA2/75 poor txt Jun17 04 ML

12715.2 : NATO System 2013 STANAG-4285/USB 600 bps/long
interleave. Mostly good synch. Apparent continuous cipher
- no
breaks seen. (03Aug04) (RGA)

12716.6 : NATO System 1612 STANAG-4285/USB 600 bps long
interleave. Poor synch due to ARQ QRM. Appears to be
continuous data. (15Aug04) (RGA)

12745.5 JJC: KYODO 1815 FAX 60 /576 jap news with comics
Jun24 04 ML

12745.5 JJC: Tokio R 1230 FAX/60/576 EE Newspaper Clear.
//17069.7 (13/Aug/04) (RH2)

12745.5 JJC: Tokio R 1550 FAX/60/576 JJ Nx/paper. (18/Aug/04) (RH2)

12745.5 JJQ: Kyodo Tokyo 1619 FAX/60/576 Good Japanese text.
(15Aug04) (RGA)

12756.5 A9M: GlobeRadio Manama BHR 1648 GLOBEDATA
Idling. weak. (15Aug04) (RGA)

12789.9 NMG: USCG NEW ORLEANS 0629 FAX 120/576/N/800
Trop sfc anal (E section). End of chart (19/Jul)(DW)

12791 : Unid 1542 MODE?/133/500 Not seen before??
(18/Aug/04) (RH2)

12808.5 VTG7: IN Mumbai 1734 CW 4FGs to collective VWGZ.
(31Jul04) (RGA)

12823.5 CTP: PN Palhais/Oeiras 1309 RTTY/75/850 QSX idler.
(28Jul04) (RGA)

12832 RDL: Russian Military 1651 36-50/50/180 At least 7
messages e.g.... ryssa yssou ssjge ... leadins. Cannot
hear 18.1
kHz. (15Aug04) (RGA)

12856.0 XSG: Shanghai R 0900 CW area wx EE // 8665 17103.5
(08Aug04) (ML2)

12857 6WW: FN Djibouti DJI 1658 RTTY/75/850 Tests de RFTJE.
(15Aug04) (RGA)

12857 RFTJE: FN Djibouti 1901 RTTY/75/850 Test idlers.
(03Aug04) (RGA)

12857.0 RFTJE: FN DAKAR 1834 ITA2/75 zui testing Jun18 04 ML

12877.5 UIW: KaliningradRadio 1308 CW QSS txn. (28Jul04) (RGA)

12892.5 9HD: GlobeRadio Malta 1730 GLOBEDATA Idlers.
(31Jul04) (RGA)

12903 VTH: IN Mumbai 1729 RTTY/50/850 4FGs to warships.
Calls. (31Jul04) (RGA)

12932.5 : Unid. Spanish Navy? 1702 RTTY/100/850 Telecipher.
(15Aug04) (RGA)

12943.5 9MG: GlobeRadio Penang 1711 GLOBEDATA Idling.
(31Jul04) (RGA)

12980.0 PKX2: PERTAMINASHIP Jakarta 0100 CW tfc to fleet &
charter vsls, DE PKX2 s/off (05Aug04) (ML2)

13015.4 IAR: RomeRadio 1705 CW Service info marker. (15Aug04) (RGA)

13090 055: Unid 1909 ALE/USB Sounding. (11Aug04) (RGA)

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13107.0 XSQ: GHANGZHU 1950 USB chin d/x Jun24 04 ML
13155 DRUM BEAT: 28-char EAM 0307 USB RVO6UI simulcast
11244, 8992 and 6697. H+07/h+37 activity. (12 Aug 04)
(JH)
13155 OBEDIENT: 28-char EAM 1343 USB 7DME45 simulcast
11244, 8992 and 6697. Same freqs (6697 unheard) active
1355z
with h+25/h+55 activity. (28 Jul 04) (JH)
13155 REPRIMAND: 28-char EAM 0407 USB RVLUMJ simulcast
11244, 8992 and 6697. H+07/h+37 activity. (14 Aug 04)
(JH)
13155 SANITARY: 22-char EAM 0226 USB DW4D6U simulcast
11244, 8992 and 6697. The same freqs (at weaker levels) were
active at 0237z with SANITARY bcsting same. H+07/h+37
activity.
(20 Aug 04) (JH)
13215 IKF: US NAS Keflavik ICE 1807 ALE/USB Sounding.
(27Jul04) (RGA)
13215 JDG: US NAS Roosevelt Roads PR 1817 ALE/USB
Sounding. Also HAW/Ascension. (29Jul04) (RGA)
13215 JTY: USAF Yokota AFB Japan 1906 ALE/USB Calls
GUA/USAF Anderson AFB Guam who responds.
(03Aug04) (RGA)
13215 MPA: USAF RAF Mount Pleasant FLK 2144 ALE/USB
Sounding. (11Aug04) (RGA)
13215 PLA: USAF Lajes Field AZR 1307 ALE/USB Sounding.
(31Jul04) (RGA)
13221.0 NOJ: (CGAS Kodiak AK): 0547 USB/ALE sounding. Also
sounding on=11196.0. 06/21 RP3
13264.0 Shannon: 2037 USB w/volmet. 06/16 RP3
13270 B-18608: China Airlines B737-809 Flt CI0026 1750 HFDL
Signs on to ARINC Hat Yai. Acks TAFOR for Guam/PGUM.
(14Aug04) (RGA)
13270 D-ALCD: Lufthansa Cargo MD11 1750 HFDL Signs on.
(14Aug04) (RGA)
13270 D-ALCJ: Lufthansa Cargo MD11 1747 HFDL Signs on.
(14Aug04) (RGA)
13270 F-GYAS: Air France A319 Flt AFR576 1640 HFDL Posn
report 5458N 04714E to Hat Yai. Gets TAFORS for Kuwait
and
Kermanshah (Iran). (14Aug04) (RGA)
13270 HB-JMI: Swiss International A340-300 1653 HFDL Signs
on to Hat Yai. (14Aug04) (RGA)
13270 N254UP: UPS MD11 Flt UP6782 1720 HFDL Signs on to
Hat Yai. (14Aug04) (RGA)
13270 N323UP: UPS Flight 1639 HFDL Signs on to Hat Yai.
(14Aug04) (RGA)
13270 OH-LBX: Finnair B757 Flt AY0225 1749 HFDL Posn 3635N
02601E. (14Aug04) (RGA)
13270 SU-GCE: EgyptAir A330 Flt MS0800 1801 HFDL Signs on
to Hat Yai. (14Aug04) (RGA)
13270 SU0276: Aeroflot Flight 1704 HFDL Posn report 5539N
03527E. (14Aug04) (RGA)
13270 UP6840: UPS Flt 1743 HFDL Posn report 2506N 12114E.
ICAO ID ADCCC5 (no decode to aircraft). (14Aug04) (RGA)
13339 Ethiopian LDOC: 1904 USB ET872 clg w/no response
(08Aug04) (AT)
13388 : Unid 1708 AM OM with 5FGs in EE. Ends DRILL DRILL
DRILL and offair. (15Aug04) (RGA)
13410 : NATO System 1711 STANAG-4285/USB 600 bps long
interleave. Fair to poor synch. (15Aug04) (RGA)
13432.5 F236AA: 236 Med Co US Army Landstuhl GER 1846
ALE/USB Sounding. (03Aug04) (RGA)
13444.2 RFQP: FF DJIBOUTI 1851 ARQ/E3 100/E/400 8rc. Betas.
1907 cct [DJI] c de v svc RFQP de RFQP. . Also 2997, plus
c de v
svc RFVI de RFVI. Also 2107 (02/Aug)(DW)
13446.7 Unid: MFA Cairo 1745 ARQ Msg/AA to unk (13/Aug/04) (RH2)

13475.0 MONTECA: VENEZUELAN MILITARY 1026 MIL.STD
188-141A ALE on usb. CIng CDDA (02/Aug)(DW)

13479 REA4: AF HQ Moscow 1320 REVS/50/1000 Idling between
skeds. (28Jul04) (RGA)

13488 VCT: Globe Tor's Cove NF CAN 1322 GLOBEDATA Idling.
(28Jul04) (RGA)

13500.0 64B: (LST "Los Llanos", T-64, Venezuelan Navy): 0031
USB/ALE TO CGA (HQs Venezuelan Navy). Also noted on
09190.0
& 19200.0. 06/20 RP3

13500.0 BNG: (Naval Base "Guitierrez"): 2334 USB/ALE TO BNF
(Naval Base="Falcon"). 06/22 RP3

13500.0 CGA: (Venezuelan Navy HQs): 1834 USB/ALE TO BNF
(Naval Base="Falcon"). Also on 08500.0 LSB. 06/22 RP3

13500.0 T64: (LST " Los Llanos" T-64, Venezuelan Navy): 2312
USB/ALE TO DCCOP (Director of Operations). 06/19 RP3

13503.6 KWN63: US State Dept 2207 ALE/USB Sounding.
(10Aug04) (RGA)

13510.0 CFH: CF HALIFAX 1537 FAX 120/576/N/800 sfc analysis,
slow fading (20/Jul)(DW)

13510.0 CFH: CF HALIFAX 1939 RTTY 75/N/820 Met tfc (20/Jul)(DW)

13527.7 DPS: MX Beacons 1713 CW Kaliningrad. Odessa.
P/Kaliningrad 13527.8 S/Arkhanglsk 13527.9 // 10871.7 //
10871.8 //

10871.9 (15Aug04) (RGA)

13527.9 S: CISN BEACON ARKHANGELSK 2132 CW single letter
[S] beacon (02/Aug)(DW)

13530.0 PRF320: Frontier Radio Post, Colombian Army): 2253
LSB/ALE TO 1901 (unidentified, Colombian telephone
net)--[AMD]
DIAL0953797961. 06/19 RP3

13530.0 PRF: (Frontier Radio Post, Colombian Army): 0034
LSB/ALE TO 1901 (unidentified, Colombian telephone net).
06/20 RP3

13595.1 JMH4: Tokyo 120/576 surface Analysis Asia J3C 2047
09-aug-04 (SW)

13597 JMJ4: Tokio Met 1533 FAX/120/576 Lovely clean chart.
(8/Aug/04) (RH2)

13829 AMM: Brit. MIL attach, Amman, JOR 1220 USB/MIL-STD
188-141A, sounding (07Aug04) (LDO)

13846.7 RFI: FF LE PORT 1401 ARQ/E3 100/E/400 8rc. weak,
poor sync. Betas. 1457 cct [RUN] c de v svc RFQP de RFQP
1457
C de v svc RFI de RFI. 1511 infonaut svc fm Cross
Reunion to
AIG1946. (02/Aug)(DW)

13855.0 OXT: COPENHAGEN MET 1313 FAX 120/576/N/800 Ice
chart. Grainy and fading thru 1328z (02/Aug)(DW)

13882.5 DDK6: HAMBURG MET 2157 FAX 120/576/N/800 End of
chart. 2200z N/Atlantic sfc wx chart (02/Aug)(DW)

13885.9 ---: MOSCOW MET 1333 FAX 120/576/N/800 Chart with
synoptic plots (02/Aug)(DW)

13886.7 ---: FF PARIS? 2212 ARQ/E3 192/E/400 8rc. Betas. Poor
sync (02/Aug)(DW)

13887 Avianca LDOC: 2036 USB SS wkg AV flight (10Aug04) (AT)

13900 BMF: Taipei Meteo 1856 FAX/120/576 Scheduled winds
forecast chart China and SE Asia. (15Aug04) (RGA)

13900.0 BMF: TAIPEI 1830 FAX poor quality chart Jun17 04 ML

13900.0 BMF: TAIPEI MET 2215 FAX 120/576/N/800 weak, grainy
pix. 5day 500hPa prog (02/Aug)(DW)

13900.5 BMF: Taipei Met 1515 FAX/120/576 chinese characters -
clear. (18/Aug/04) (RH2)

13907 720: USCG HC-130H 1720 CGAS Clearwater [snd]ALE
2328 10-aug-04 (SW)

13907 A21: BICE UH-60 79-23321 Miami [TIS] A21 ALE 2223
12-aug-04(SW)

13907 I37 BICE: Cessna 550 N6637G [TIS] I37 ALE 2347 12-aug-04 (SW)

13907 J19 :USCG HH60J 6019 CGAS Clearwater to OPB ALE

13907 J40: 2229 08-aug-04 (SW)
 USCG HH-60J 6040 CGAS Clearwater [TIS] J40 ALE
 2333 12-aug-04 (SW)
 13907 LNT: USCG CAMSLANT [TO] J40 (HH-60J 6060) [THIS IS]
 LNT 2247 12-aug-04 (SW)
 13907 OPB OPBAT: Svce Cntr, Nassau BAH to J19 ALE 2230
 08-aug-04 (SW)
 13907 PNR400: prob OPBAT Svce Cntr Nassau BAH [snd] ALE
 2241 10-aug-04 (SW)
 13907 X60: UH-60L 94-26553[TO]OPB Svce Cntr, Nassau BAH
 ALE 2218 10-aug-04 (SW)
 13907 X60: US Army UH-60L No 94-26560 2-3rd AVN 2200
 ALE/USB Calls OPB/US BICE OPBAT Service Centre Nassau
 Bahamas. Later X61/Prob US Army UH-60L tail no 94-26561
 2-3rd
 AVN. (10Aug04) (RGA)
 13907 X61: UH-60L 94-26561?[snd] ALE 2224 10-aug-04 (SW)
 13907.0 CS9: US CUSTOMS BEAUFORT 2017 MIL.STD 188-141A
 ALE on usb. Sounding. 2050 c1ng D14 (02/Aug)(DW)
 13942 BA1: Brazillian Navy Salvador or Bahia 2217 ALE/USB
 Calls PE1/Recife or Sao Pedro de Aldeia Naval Air Base.
 (10Aug04) (RGA)
 13945.0 TUD: TUNISIAN MOI ?LOC 0659 MIL.STD 188-141A ALE
 on usb. C1ng STAT2 (03/Aug)(DW)
 13977.7 ---: FF PARIS? 2225 ARQ/E3 100/E/400 4rc. Betas, poor
 sync (02/Aug)(DW)
 13978 RDTEF: US Army Corps of Engineers 2211 ALE/USB
 Sounding. (10Aug04) (RGA)
 14000 ADDIS: Unid Diplo 2032 ALE/USB Calls BRUNDI.
 (10Aug04) (RGA)
 14006 TF185: Prob 185 ARW ANG or 185 Avn Co US
 Army/NGB Deployed 2101 ALE/USB. Sounds. In an amateur
 exclusive band. Operator error? (10Aug04) (RGA)
 14245.6 ADDIS: Unid Diplo 2137 ALE/USB Calls LIBERIA.
 (10Aug04) (RGA)
 14357 : Russian Military 1412 MS-5/4800/DPSK/USB Cipher.
 (28Jul04) (RGA)
 14357 ADWCAP: US CAP at Andrews AFB MD 2027 ALE/USB
 Sounding. (10Aug04) (RGA)
 14357.0 043NHQCAP: (Civil Air Patrol HQs, Maxwell AFB AL):
 1500 USB/ALE sounding. Also sounding on 09047.0. 06/19
 RP3
 14390 : NATO System 1815 STANAG-4285/USB Exact freq not
 measured. Good nulls at NE/SW from 51N 03W. Probably RN
 Cyprus. Usually paralleled with 5280 which nulls E/W
 inidcating a
 northerly bearing. (28Jul04) (RGA)
 14395 CSB: Unid 1800 ALE/USB Sounding. (03Aug04) (RGA)
 14420 GIRBA: UNJLC E1 Girba SDN 2010 ALE/USB Sounding.
 (10Aug04) (RGA)
 14420 MADANI: UNJLC Madani SDN 1854 ALE/USB Calls
 NYALA2/Nyala. Call repeated at 1859. (26Jul04) (RGA)
 14420 OBI: UNJLC E1 obied SDN 2007 ALE/USB Calls
 DALANG/E1 Dalang. (10Aug04) (RGA)
 14420 OBIED: UNJLC E1 Obied SDN 2011 ALE/USB Calls
 NYALA2. Then BABANUSA/Babanusa. GADARAF/Gadaref
 sounds at 2105. (10Aug04) (RGA)
 14420.0 GAD: SUDAN NET GADARAF 1754 MIL.STD 188-141A
 ALE on usb. Sounding. [CMD AMD] w/RTSUDANS[gPORPOR]
 [CMD AMD] [ORPORTSUDAN]. Also sounding at 2155, 2355
 (11/Aug)(DW)
 14420.0 GADARAF: SUDAN NET GADARAF 2221 MIL.STD
 188-141A ALE on usb. Sounding (12/Aug)(DW)
 14420.0 GADARAF: SUDAN NET GEDAREF 0025 MIL.STD
 188-141A ALE on usb. Sounding. (15/Aug)(DW)
 14420.0 GADARAF: SUDAN NET GEDAREF 2024 MIL.STD
 188-141A ALE on usb. Also 2225 (14/Aug)(DW)
 14420.0 GIRBA: SUDAN NET GIRBA 0023 MIL.STD 188-141A

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14420.0 GIRBA: ALE on usb. Sounding (12/Aug)(DW)
 SUDAN NET GIRBA 2142 MIL.STD 188-141A
 ALE on usb. Sounding. (18/Aug)(DW)
 14420.0 MADANI: SUDAN NET MADANI 1929 MIL.STD 188-141A
 ALE on usb. Sounding (11/Aug)(DW)
 14420.0 MADANI: SUDAN NET MEDANI 2118 MIL.STD 1880141A
 ALE on USB (14/Aug)(DW)
 14420.0 OBIED: SUDAN NET OBIED 2142 MIL.STD 188-141A ALE
 on usb. Sounding (18/Aug)(DW)
 14422 445: Unid 2039 ALE/USB Sounding. (10Aug04) (RGA)
 14422 474: Unid 2147 ALE/USB Sounding. (10Aug04) (RGA)
 14483.5 KFMHNG: (Nat'l Guard Bureau, Otis ANGB, MA): 1823
 USB/ALE sounding. 06/19 RP3
 14506.7 ---: UNID (EGYPTIAN DIPLO?) 1600 arq 100/E/170 In irs
 mode (28/Jul)(DW)
 14559 114: Unid 1621 ALE/USB Calls 121. (28Jul04) (RGA)
 14559 135: Unid 1708 ALE/USB Calls 114. (03Aug04) (RGA)
 14560 179: Chinese embassy Madrid, E 0649 USB/MIL-STD
 188-141A, radio check to 125 (06Aug04) (LDO)
 14585.7 RFPTC: FF NDJAMENA 1849 ARQ/E3 200/E/400 8rc.
 weak/little sync thru 1900 (28/Jul)(DW)
 14670.7 ---: FF UNID 1903 ARQ/E3 192/E/400 8rc. Betas, poor
 sync. No app tfc thru 2110z (28/Jul)(DW)
 14757 Unid Singapore Navy vessel 1706 ALE/USB calls
 TF1/Prob NCS/Naval commcen? (03Aug04) (RGA)
 14780.0 ERMBEL: (Brazilian Navy Radio Station, Belem): 2331
 USB/ALE TO NDDCEA=(Dock Landing Ship G-30 "CEAR=C1").
 06/22 RP3
 14780.0 NDCCMM: (Large Landing Ship, "Mattoso Maia", G-28,
 Brazilian Navy):1116 USB/ALE TO NDDCEA (Dock Landing Ship
 G-30 "CEAR=C1"). Also on 10914.5.06/21=RP3=20
 14835 : Unid 1329 RTTY/50/450 Telecipher. (Encrypted Baudot)
 with plain Kriptograma Buran NR headers and ZZZZZZZZ...
 leadin/leadout. (28Jul04) (RGA)
 14835.0 ---: UNID 1355 RTTY 50/R/500 "sps znn" then off air
 (28/Jul)(DW)
 14996.0 RWM: TS MOSCOW 1357 CW Time sigs (28/Jul)(DW)
 15000 5557: N.African Net 1749 ALE/USB Sounding. (10Aug04) (RGA)
 15025 A7-ACB: Qatar Airways A330 Flt QR007 1416 HFDL At
 4431N 02804E. (28Jul04) (RGA)
 15025 A7-ACE: Qatar Airways A330 Flt QR0001 1515 HFDL At
 4837N 01753E. (03Aug04) (RGA)
 15025 B-2461: China Southern B747 1648 HFDL Signs on.
 (10Aug04) (RGA)
 15025 B-2461: China Southern B747 Flt CZ0494 1134 HFDL
 Signs on. ICAO ID 1003DE. (31Jul04) (RGA)
 15025 B-6012: China Eastern Airlines A320-214 Flt MU2239 1652
 HFDL Reports 5459N 03148E to ARINC Reykjavik. Ex F-WWDP.
 ICAO ID 86059E. Flt No CES223 also used this flt.
 (28Jul04) (RGA)
 15025 B-HQB: CPA A340 1651 HFDL Acks KJFK/KEWR weather
 for 311551UTC. (31Jul04) (RGA)
 15025 B-HQB: Cathay Pacific A340 1201 HFDL Signs on. ICAO ID
 80C565. (31Jul04) (RGA)
 15025 B-HQC: Cathay Pacific A340-642 1535 HFDL Acks KJFK
 weather and ATIS info. (03Aug04) (RGA)
 15025 CN-RNX: Royal Air Maroc A321 1201 HFDL Signs on.
 (31Jul04) (RGA)
 15025 CN-RNX: Royal Air Maroc A321 1616 HFDL Signs on.
 (03Aug04) (RGA)
 15025 CN-RNX: Royal Air Maroc A321 Flt AT0941 1516 HFDL
 Signs on. (28Jul04) (RGA)
 15025 CN-RNY: Royal Air Maroc A321 Flt AT0770 1330 HFDL
 Signs on to ARINC Reykjavik. (31Jul04) (RGA)
 15025 CN-RNY: Royal Air Maroc A321 Flt AT0801 1712 HFDL
 Signs on. Flt No RAM801 also used this flight. (28Jul04)
 (RGA)
 15025 CN-RNY: Royal Air Maroc A321 Flt RMA800 1339 HFDL

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15025 D-ALCC: Reports 3832N 00408w. (28Jul04) (RGA)
Lufthansa Cargo MD11F 1400 HFDL Signs on.
(28Jul04) (RGA)

15025 D-ALCK: Lufthansa Cargo MD11 Flt LH8281 1716 HFDL
Signs on. (14Aug04) (RGA)

15025 G-VFOX: Virgin Atlantic A340 'Silver Lady' Flt VS0201 1708
HFDL At 5128N 00027w. (03Aug04) (RGA)

15025 G-VGOA: Virgin Atlantic A340 'Indian Princess' 1346 HFDL
Signs on. (28Jul04) (RGA)

15025 G-VMEG: Virgin Atlantic A3340 'Mystic Maiden' 1658 HFDL
Signs on. (10Aug04) (RGA)

15025 G-VMEG: Virgin Atlantic A340 'Mystic Maiden' 1506 HFDL
Signs on to ARINC Reykjavik. (03Aug04) (RGA)

15025 G-VSHY: Virgin Atlantic A340 'Madame Butterfly' 1328
HFDL Acks msg from ARINC Reykjavik. "HI 901 STAND
PLANNED 334 RNWY 27R AT PRES RGRDS TRAFFIC".
(28Jul04) (RGA)

15025 G-VSHY: Virgin Atlantic A340 'Madame Butterfly' 1429
HDDL Passes performance data to ground. (31Jul04) (RGA)

15025 I-LIVA: Livingstone A321 Flt LVG251 1610 HFDL Signs on
to ARINC Reykjavik. (03Aug04) (RGA)

15025 I-LIVA: Livingstone A321 Flt LVG345 1339 At 4306N
00537E. (31Jul04) (RGA)

15025 LH8409: Lufthansa Cargo MD11F 1517 HFDL Posn 5049N
00655E. (11Aug04) (RGA)

15025 LX-RCV: CargoLux B747 'City of Shengen' 1422 HFDL
Signs on. (28Jul04) (RGA)

15025 N304UP: UPS B767 Flt UP6711 1634 HFDL Signs on to
ARINC Reykjavik. (10Aug04) (RGA)

15025 N325UP: UPS B767 1636 HFDL Signs on. (10Aug04) (RGA)

15025 N556TZ: American Transair B757 1634 HFDL Signs on.
(10Aug04) (RGA)

15025 N621FE: Federal Express MD11F Flt FX0002 1631 HFDL
At 5129N 00151w. ICAO ID 6E5815. (03Aug04) (RGA)

15025 N67158: Continental B767 Flt CO0017 1329 HFDL Reports
5902N 02433w to ARINC Reykjavik. (28Jul04) (RGA)

15025 OH-LBR: Finnair B757 1716 HFDL Signs on to ARINC
Reykjavik. (14Aug04) (RGA)

15025 OH-LBR: Finnair B757 Flt AY7723 1607 HFDL At 3341N
01323w. (03Aug04) (RGA)

15025 OH-LBS: Finnair B757 Flt AY2356 1034 HFDL At 5841N N
02021E. (31Jul04) (RGA)

15025 QR0001: Qatar Airways Flt 1438 HFDL At 4921N 01605E.
(31Jul04) (RGA)

15025 QR0001: Qatar Airways Flight 1514 HFDL Posn 4905N
01653E to ARINC Reykjavik. (11Aug04) (RGA)

15025 SU-CGF: Misrair/UAA A300 1618 HFDL Signs on to
ARINC Reykjavik. (31Jul04) (RGA)

15025 SU-GCF: Misrair/UAA A300-243 Flt MS0803 1113 HFDL At
4439N 00835E. ICAO ID C50080. (31Jul04) (RGA)

15025 SU0584: Aeroflot Flight 1519 HFDL Posn 5553N 03524E.
(11Aug04) (RGA)

15025 VP-BAZ: Aeroflot B767 Flt SU0275 1112 HFDL Reports
4724N 01503E to ARINC Reykjavik. (31Jul04) (RGA)

15025 VP-BDO: Aeroflot A319 Flt SU0107 1444 HFDL At 5142N
01308E. (31Jul04) (RGA)

15025 VP-BWJ: Aeroflot A319 Flt SU0266 1415 HFD: At 5514N
03150E. (28Jul04) (RGA)

15025 VP-BWL: Aeroflot A319 1648 HFDL Signs on to ARINC
Reykjavik. (10Aug04) (RGA)

15025 VP-BWL: Aeroflot A319-100 Flt SU0204 1642 HFDL At 56N
03638E. ICAO ID 668002. (03Aug04) (RGA)

15025 VP-BWM: Aeroflot A320-214 Flt SU0118 1356 GMDSS
Signs on. Ex F-WWII. (31Jul04) (RGA)

15025.0 Aeroflot SU0113: 1527 HFDL/USB [HFNPDU
PERFORMANCE] 15:27:22 UTC Flight ID = SU0113 LAT 52 22
31
N LON 13 30 10 E 21/Jun/2004 (TR)

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15025.0 Aeroflot SU0204: 1646 HFDL/USB [HFNPDU PERFORMANCE]
16:46:14 UTC Flight ID = SU0204 LAT 56 7 32
N LON 37 20 12 E 21/Jun/2004 (TR)

15025.0 Continental CO0065: 1624 HFDL/USB [HFNPDU
PERFORMANCE] 16:24:20 UTC Flight ID = CO0065 LAT 43 16
3
N LON 68 2 34 W 21/Jun/2004 (TR)

15025.0 Finair AY2732: 1545 HFDL/USB [HFNPDU
PERFORMANCE] 15:45:22 UTC Flight ID = AY2732 LAT 59 24
51
N LON 25 39 34 E 21/Jun/2004 (TR)

15025.0 Livingston Air LVG528: 1540 HFDL/USB [HFNPDU
PERFORMANCE] 15:40:40 UTC Flight ID = LVG528 LAT 43 1
35
N LON 6 21 26 E 21/Jun/2004 (TR)

15025.0 Lufthansa LH8297: 1623 HFDL/USB [HFNPDU
PERFORMANCE] 16:23:42 UTC Flight ID = LH8297 LAT 12 44
35
S LON 34 5 6 E 21/Jun/2004 (TR)

15025.0 Lufthansa LH8419: 1542 HFDL/USB [HFNPDU
PERFORMANCE] 15:42:42 UTC Flight ID = LH8419 LAT 31 38
28
N LON 49 48 54 E 21/Jun/2004 (TR)

15025.0 Qatar Airways QR0043: 1540 HFDL/USB [HFNPDU
PERFORMANCE] 15:40:46 UTC Flight ID = QR0043 LAT 51 36
42 N LON 8 13 20 E 21/Jun/2004 (TR)

15025.0 Royal Air Maroc RAM770: 1559 HFDL/USB [HFNPDU
PERFORMANCE] 15:59:22 UTC Flight ID = RAM770 LAT 47 54
22 N LON 1 17 35 E 21/Jun/2004 (TR)

15025.0 UPS UP6803: 1546 HFDL/USB [HFNPDU
PERFORMANCE] 15:46:42 UTC Flight ID = UP6803 LAT 47 0
57
N LON 20 19 46 E 21/Jun/2004 (TR)

15025.0 Virgin Atlantic VS0250: 1632 HFDL/USB [HFNPDU
PERFORMANCE] 16:32:26 UTC Flight ID = VS0250 LAT 54 52
26
N LON 11 28 53 E 21/Jun/2004 (TR)

15025.0 ---: FLIGHT AY2415 1558 HFDL on usb. Posn 62.05N
22.50E (15/Aug)(DW)

15025.0 ---: FLIGHT CO0043 1609 HFDL on usb. Posn 50.09N
24.52W (15/Aug)(DW)

15025.0 03: ARINC REYKJAVICK 1544 HFDL on usb. ACARS to
UP6727. Squitters (15/Aug)(DW)

15025.0 N304UP: FLIGHT UP6727 1539 HFDL on usb. Posn
53.51N 32.06W 1548 53.59N 30.03W (15/Aug)(DW)

15025.0 N68155: FLIGHT CO0055 1153 HFDL on usb. Posn
48.29N 32.00W 1544 48.14N 32.56W (15/Aug)(DW)

15034.0 Tranton Volmet: 1021 Utc Trenton Volmet NAT-Volmet
WX 23jun04 (DP)

15043 291191: USAF C17a 89-1191 437th AW Charleston AFB
SC [TWS][291191] 2156 ALE 11-aug-04 (SW)

15043 CRO: USAF RAF Croughton UK 1602 ALE/USB Calls
HAW/Ascension. (27Jul04) (RGA)

15043 HAW: Wideawake AFB Ascension 1801 ALE/USB Calls
ICZ/NAS Sigonella ITA. (26Jul04) (RGA)

15043 PLA: USAF Lajes Field AZR 1613 ALE/USB Sounding.
(27Jul04) (RGA)

15043 T22238: Unid [TWS][T22238] ALE 1007 11-aug-04 (SW)

15921 RABAT: French Diplo Hub Rabat 1753 ALE/USB Calls
CER11/MFA Paris. (10Aug04) (RGA)

16014 OPTIMISMU: UNID Romanian MIL station, ROU? 0855
USB, voice traffic to unlocated station, strong feedback
on audio
(31Jul04) (LDO)

16030 210: Unid Singapore Navy vessel 1611 ALE/USB Calls
9VT/MinDef. (03Aug04) (RGA)

16077.0 MVD1: (US Army Corps of Engineers, Mississippi Valley
Division): 1801=USB/ALE sounding. Also sounding on

12070.0.

06/18 RP3

- 16084 56904: Unid Numbers Stn 1403 USB vmF - English lang - continuous announcement "56904". Intervalled by pleasant music, like a march. (12Apr04) (WC)
- 16144.5 SKYWAT: (Skywatch, Army Flight watch, Soto Cano AB, Honduras): 1942 USB/ALE sounding. 06/17 RP3
- 16207 : Russian Military 1549 REVS/50/180 Bee/36-50 idling. (28Jul04) (RGA)
- 16221 : Dep. of State Comms Moscow, RUS 0752 calling unlocated embassy using 6-tone alerting device (31Jul04) (LDO)
- 16331.9 SC: MX Beacons Arkhangelsk/Moscow 1841 CW C on 16332. (03Aug04) (RGA)
- 16332 P: MX Beacon Kaliningrad 0918 CW //8495 10872 13528. (12Apr04) (WC)
- 16345.0 BR1: Brazillian Navy HQ Brasilia 1927 USB/ALE wkng unid SP1 (18-07-2004)(MSM)
- 16345.0 NZS: (unidentified, Brazilian Navy): 2007 USB/ALE TO BR1 (Brazilian=Navy, Brasilia). 06/22 RP3
- 16685.5 : Unid Vessel 1431 SELCALs XVSV/WLO MobileRadio. (28Jul04) (RGA)
- 16802.3 : Ship BMRT Kazans 1604 RTTY/50/170 Tgm in RR to KaliningradRadio. Off frequency 16802.5 (03Aug04) (RGA)
- 16802.5 V3BM: RTTS Albatros 1605 RTTY/50/170 Tgms in RR to KaliningradRadio. (03Aug04) (RGA)
- 16804.5 3FZL4: Panamanian Registered Ship Orgullo 1316 GMDSS RQs NMA/USCG Miami FL USA for safety check. At 1320 RQs NMN/USCG Portsmouth VA for further check. Then Tries MadridRadio. (31Jul04) (RGA)
- 16804.5 : Unid Bermuda Vessel (310420000) 1312 GMDSS ship posn report 3704N 00055W to ValenciaRadio SPA. (31Jul04) (RGA)
- 16804.5 C6NQ4: Bahamas Registered Vessel Enviken 1348 GMDSS RQs EAC/TarifaRadio for safety check. (31Jul04) (RGA)
- 16804.5 CRYF: Madiera Vessel Galp Oviero 1412 GMDSS RQs OXZ/LyngbyRadio for safety check. OXZ BQs. (31Jul04) (RGA)
- 16804.5 EAKV: Spanish Ship Lola B 1317 GMDSS Sends ship position report apparently to itself. 3234N 01033W. Then sends BQ for simplex telephone call on 2229 khz to unlisted Finnish authority (230000000). (31Jul04) (RGA)
- 16804.5 ECDL: Spanish Ship Valencia Pidera 1457 GMDSS RQs MadridRadio/EAD for safety check. (11Aug04) (RGA)
- 16804.5 ELVT3: Liberian Registered Vessel Robin 1336 GMDSS Calls unknown Swedish authority (002651000) for safety check. (31Jul04) (RGA)
- 16804.5 H9UG: Panamanian Registered Vessel Mutsushio 1355 GMDSS RQs RecifeRadio for safety check. (31Jul04) (RGA)
- 16804.5 J8B2901: St Vincent Vessel Eisha 1511 GMDSS RQs OXZ/LyngbyRadio for safety check. (31Jul04) (RGA)
- 16804.5 J8XP6: St Vincent Vessel Mineral 1331 GMDSS RQs LyngbyRadio/OXZ for safety check. (31Jul04) (RGA)
- 16804.5 P3WF7: Cypriot Ship Gargantua 1334 GMDSS Calls Bremen Rescue for safety check. (31Jul04) (RGA)
- 16804.5 P3WF7: Cypriot Ship Gargantua 1356 GMDSS RQs CUB/FunchalRadio giving F1B/J2B/FEC for this frequency 16804.5 (?) (31Jul04) (RGA)
- 16804.5 S6FC9: Singapore Ship HAI Soon-XV 1442 GMDSS RQs RioRadio/PPR for safety check. (11Aug04) (RGA)
- 16804.5 SVTE: Greek Ship Silia T 1434 GMDSS RQs ZSC/CapeRadio for safety check. (31Jul04) (RGA)
- 16804.5 V7EQ2: Marshall Is. Ship SKS Senne 1309 GMDSS RQs

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Lynghbyradio/OXZ for safety check. OXZ BQs. (31Jul04)
(RGA)

16811.5 A9M: HAMALA 1903 ARQ selcall mcm....Jun13 04 ML
16812.5 NRV: USCG Apra Harbour Guam 1602 ARQ w/Morse ID.
(03Aug04) (RGA)
16912 RDL: Russian Military 1550 36-50/50/200 Many messages.
// 18.1 (03Aug04) (RGA)
16927.0 UIW: KALININGRAD RADIO 0858 CW working various
ships (19/Jul)(DW)
16951.5 RFTJE: FN DAKAR 1907 ITA2/75 zui testing Jun14 04 ML
16951.5 RFTJE: FN Dakar 0845 RTTY/75/850 Test tape
(13/Aug/04) (RH2)
16951.5 RFTJE: FN Djibouti DJI 1616 RTTY/75/850 ZUI Testing.
(28Jul04) (RGA)
16951.5 RFTJE: Fny Dakar 2140 Rtty 75/850 clg FAAA (28/Jun/04) (KK)
17010.0 NDDCEA: (Dock Landing Ship G-30 "CEAR=C1"): 1108
USB/ALE TO ERMBEL=(Brazilian Navy Radio Station, Belem).
Also on 10914.5 & 14780.0. 06/21 RP3
17010.0 NDDCEA: (Brazilian Navy Dock Landing Ship G-30
"CEAR=C1"): 0251 USB/ALE=TO ERMBEL (Brazilian Navy Radio,
Belem). Also on 12347.0. 06/23 RP3
17010.0 NDDCEA: BNY G-30 CEARÁ Navios de Desembarque-
Doca 2148 USB ALE clg FRADEM F-49 RADEMAKER
(Cl.Greenhalgh) (28/Jun/04) (KK)
17029.0 ---: UNID FACTORY SHIP? 1606 RTTY 50/R/170 Ex-ship
tfc in 3sc. Msg with no hdr other than shipname, date,
wordcount.
No addressee line. Changes to fst [32wpm] cw for op
chatting, no
csgns. Occ heading NAWESKA. Later tfc with Odesa TF
addresses (28/Jul)(DW)
17029.0 UTSL: SHIP BORIS DEREVYONKO 1600 RTTY 50/R/170
Tfc fm RTMKS to Odessa (02/Aug)(DW)
17066.5 A9M: GlobeRadio Bahrain 1535 GLOBEDATA In traffic.
(03Aug04) (RGA)
17069.5 JJC: KYODO 1917 FAX/120/576 "kyodo news...."Jun14 04 ML
17069.6 JJC: KYODO TOKYO 0817 FAX 60/576/N/800 Press in
Japanese script (19/Jul)(DW)
17146.5 CBV: VALPARAISO PLAYA ANCHA 1637 FAX
120/576/N/800 sfc analysis, grainy, followed by sat pix
(07/Aug)(DW)
17178.0 RFFMEA: Fny Saissac 2054 Rtty 75/850 clg FAA "FM
NAVITER FRANCE SUD TO BATIMENTS BT NON PROTEGE
MCA SVC" (28/Jun/04) (KK)
17182.0 RFFMEA: Fny Saissac 2059 Rtty 75/850 clg FAA "FM
NAVITER FRANCE SUD TO BATIMENTS BT NON PROTEGE
MCA SVC" (28/Jun/04) (KK)
17198 055: Unid NCS 1723 ALE//USB Sounding. (10Aug04) (RGA)
17326 OLYMPIARADIO: Olympia Radio Athens 1552 USB YL
with standard announcement then OM talks to a ship in
English
and Greek. (28Jul04) (RGA)
17450.0 CID: Rockwell Cedar R. IA 2044 USB ALE snd (28/Jun/04) (KK)
17450.0 LAB: Rockwell Lab. 2040 USB ALE snd (28/Jun/04)
(KK)
17916.0 UNID: 1149 USB LDOC, very weak unid a/c
(G-????)
repeatedly calling Stockholm Radio, then reporting posn
and
flightlevel 20/Jun/2004 (TR)
17916.0 UNID: 1155 USB LDOC ???-Radio, 20/Jun/2004 (TR)
17967.0 Aeroflot SU0106: 1301 HFDL/USB [HFNPDU
PERFORMANCE] 13:01:14 UTC Flight ID = SU0106 LAT 50 20
38
N LON 13 26 4 E 20/Jun/2004 (TR)
17967.0 cargoLux CLX759: 1315 HFDL/USB [HFNPDU
PERFORMANCE] 13:15:10 UTC Flight ID = CLX795 LAT 41 0
11

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17967.0 Emirates Airlines UAE202: 1345 HFDL/USB [HFNPDU
N LON 48 8 4 E 20/Jun/2004 (TR)
PERFORMANCE] 13:45:42 UTC Flight ID = UAE202 LAT 38 53
59 N LON 40 32 57 E 20/Jun/2004 (TR)

17967.0 Finair AY2710: 1322 HFDL/USB [HFNPDU
PERFORMANCE] 13:22:50 UTC Flight ID = AY2710 LAT 52 16
41
N LON 28 28 40 E 20/Jun/2004 (TR)

17967.0 HFDL-GS15 Al Muharraq: 1223 HFDL/USB [SPDU CRC
PASS] 20/Jun/2004 (TR)

17967.0 Korean Air KE0528: 1224 HFDL/USB [HFNPDU
PERFORMANCE] 12:24:44 UTC Flight ID = KE0528 LAT 55 48
13
N LON 37 59 24 E 20/Jun/2004 (TR)

17967.0 Lufthansa LH8411: 1318 HFDL/USB [HFNPDU
PERFORMANCE] 13:18:12 UTC Flight ID = LH8411 LAT 48 21
20
N LON 31 40 44 E 20/Jun/2004 (TR)

17967.0 Qatar Airways QR0001: 1321 HFDL/USB [HFNPDU
PERFORMANCE] 13:21:32 UTC Flight ID = QR0001 LAT 43 29
5
N LON 29 33 52 E 20/Jun/2004 (TR)

17967.0 Royal Air Maroc RAM800: 1309 HFDL/USB [HFNPDU
PERFORMANCE] 13:09:20 UTC Flight ID = RAM800 LAT 35 17
26 N LON 6 30 28 W 20/Jun/2004 (TR)

17976 HAWSPR: US GHFS SIPRNet Stn Ascension 1554
ALE/USB Sounding. Also JNRSPR/Puerto Rico station.
(03Aug04) (RGA)

17976 HAWSPR: USAF SIPRNet Stn Ascension 1608 ALE/USB
Sounding. (29Jul04) (RGA)

17976 ICZSPR: USAF SIPRNet Stn Sigonella ITA 1522 ALE/USB
Sounding. Also IKFSPR/ Keflavik and JDGSPR/Puerto Rico.
(28Jul04) (RGA)

17976 IKFSPR: USAF SIPRNet Stn Keflavik ICE 1711 ALE/USB
Sounding. (26Jul04) (RGA)

17976,0 ikfspr : USAF Keflavik 1344 USB/ALE US Air
Force:Keflavik, Iceland 17Aug04 (wp3)

17976,0 jdgspr : USAF Diego Carcia AB 1639 USB/ALE 17Aug04 (wp3)

17976,0 jtyspr : USAF Yakota AB 1639 USB/ALE US Air
Force:SIPRNET Gateway, Yakota Air Base 17Aug04 (wp3)

17976,0 plaspr : USAF Lajes 1639 USB/ALE 17Aug04 (wp3)

17976.0 CROSPR: Croughton SPRNet 2133 USB ALE snd
(28/Jun/04) (KK)

17982.0 HERMES: (Brazilian Air Force HQs, Brasilia): 2325
USB/ALE sounding. 06/17 RP3

17982.0 O/M (Arabic): 2102 USB w/O/M (Arabic-aircraft). Sounds
like an LDOC link. This freq is normally used by the
Brazilian Air
Force. 06/16 RP3

17982.0 TAMOIO: (Brazilian Navy Tupai-class submarine
"Tamoio", S-31): 2340 USB/ALE sounding. 06.17 RP3

17982.0 CERRADO: (unidentified, Brazilian Air Force): 2325
USB/ALE sounding. 06/23 RP3

18003 HAW: Ascension I 1404 ALE/USB Sng to 250106.
(16/Aug/04) (RH2)

18003 HAW: Ascension I 1407 ALE/USB Sng to ICZ/Sigonella.
(16/Aug/04) (RH2)

18003 HAW: Ascension I 1421 ALE/USB Sng to JTY & IKF.
(16/Aug/04) (RH2)

18003 PLA: USAF Lajes Field AZR 1503 ALE/USB Sounding.
(28Jul04) (RGA)

18171 QW10: [Possibly USA-FBI] snds ALE 1341 09-aug-04 (SW)

18220 JMH5: Tokyo Meteo 1524 FAX/120/576 Poor chart. In
QRM. (03Aug04) (RGA)

18247 : Dep. of State Comms Moscow, RUS 0824
MFSK-32/CROWD36 tfc. to UNID embassy on link 00063,
offline
crypto not spaced as 5 LGs (31Jul04) (LDO)

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18326,7 : MFA Kairo 1509 sitor-a weak signal tfc to unid emb. then
selcall tvvx 17Aug04 (wp3)

18365 : NATO System 1558 STANAG-4285 600 bps long
interleave. Mostly solid synch. Continuous cipher - no
breaks.
(28Jul04) (RGA)

18506 : Dep. of State Comms Moscow, RUS 0816
MFSK-32/CROWD36 tfc. to UNID embassy on link 60047,
offline
crypto not spaced as 5 LGs (31Jul04) (LDO)

18757 RFGW: MFA Paris 0630 FEC-A 192/400 Pages of 5LG.
(16/Aug/04) (RH2)

18788.9 : Unid 1602 OMFsk/195.5/600 Good signal. (28Jul04) (RGA)

19200.0 64B: (LST "Los Llanos", T-64, Venezuelan Navy): 1755
USB/ALE TO CGA=(Venezuelan Navy HQs). Also noted on
09190.0. 06/22 RP3

19200.0 BNG: (Naval Base "Guitierrez"): 2130 USB/ALE TO B011
(Survey Ship="Punta Brava", B0-11, Venezuelan Navy).
06/22 RP3

19200.0 BNG: (Naval Base "Guitierrez"): 2132 USB/ALE TO BNA (Naval
Base="Amario", Venezuelan Navy). 06/22 RP3=20

19200.0 BNG: (Naval Base "Guitierrez"): 2206 USB/ALE TO CGA
(Venezuelan Navy=HQs). 06/22 RP3=20

19200.0 CGA: (Venezuelan Navy HQs): 1950 USB/ALE TO BNF
(Naval Base "Falcon")=06/23 RP3

19689.5 ZSC: GlobeRadio Capetown 1513 GLOBEDATA Idling.
Fair signal. (03Aug04) (RGA)

19724.5 UIW: Kal(31Jul04) (RGA) iningradRadio 1508 ARQ Fleet
news in 3SC Russian. (03Aug04) (RGA)

19850.0 V5G: MFA BUCHAREST 0959 CW 4 passes "V5G op c69
qsp fr all gd = nw hr qru = qrx qpn gb ar sk" and off air
(07/Aug)(Dw)

19945.0 GAO: ALGERIAN EMB GAO 1102 MIL.STD 188-141A ALE
on usb. C lng MAE/Algiers [UUF 124 67 65. Also at 1113
1119 1130
(07/Aug)(Dw)

20049 S: MX Beacon Arkhangelsk 0917 CW //16332 13528 10872.
(12Apr04) (WC)

20452 MAE: ALG-MFA(Algiers) [TO] RBT Rabat MRC ALE 1150
10-aug-04 (SW)

20452 NKT: ALG-MFA(Nouakchott) to [MAE] Algiers ALE 1345
10-aug-04 (SW)

20535.0 BR1: Brasilia 2116 USB ALE c l g PE1 Pernambuco
(28/Jun/04) (KK)

20616 LECAIRE: French Diplo Hub Cairo 1831 ALE/USB Calls
CER41/MFA Paris. (11Aug04) (RGA)

20970.0 ETD165: Polish Forces 1105 USB ALE c l g LCR154
(23/Jun/04) (KK)

22403 UIW: K'grad R 1236 ARQ CW Marker (17/Aug/04). (RH2)

22413 Unid: CIS Navrad 1225 36-50/50/240 //16808 (17/Aug/04) (RH2)

22537.0 FUF: FNY Forte de F. 2255 Rtty 75/850 c l g FAA
(28/Jun/04) (KK)

23200.0 TARABOSHI: Alb.MOI 1059 USB ALE c l g LESKOVIKU
(23/Jun/04) (KK)

23214.0 X53: US Customs 2303 USB ALE/MIL-188-141A snd
(28/Jun/04) (KK)

23337 PLA: USAF Lajes Field AZR 1603 ALE/USB Sounding.
(26Jul04) (RGA)

27870 CROSPR: GHFS SIPRINet RAF Croughton UK 1754
ALE/USB Sounding. (11Aug04) (RGA)

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//\\// WORLDWIDE UTE NEWS Club //\\//
//\\// An Electronic Club Dealing Exclusively in Utility Stations //\\//
//\\// WUNNEWS Vol 10: Issue 9, September 2004 //\\//
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>From your Electronic Editor:

* Welcome to another issue of the single largest source of utility station information and the most widely quoted utility station publication in the world...the WUN Newsletter.

WHAT'S INSIDE:

- o Digital Review by Day Watson
- o Military/Government Channel Designator List by Larry van Horn
- o Numbers & Oddities by Ary Boender
- o Utility Round-up by Ary Boender
- o WUN Logs Column by Eddie Bellerby & TEAM LOGS

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0101100010110001011000001110011000101100110110001100110011010000100011
0011100010010101001100110101100101000011011000011101100000011101100100
01001101# DIGITAL #00011110010100001101010010100011010111000000111001
1000100101111010100100011010010010100110100011010001101000011010011100
011100011100111000011000011110000100101011001001010111010100011100011
001000101010110100000111000111# REVIEW #0000101110011100001101000101
0101001011000011101100010110001100110100010110000111011000101100001110
0000110100101010110101011010000100101001101001010101010100010101010001
010010111110000100010101001100110011000011101100010# COLUMN #110001
110001101010010101001010100100100001110110000101100101001101011000

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- Editor: Day Watson E-mail: jdwatson@blueyonder.co.uk

- Nickname on IRC channel #monitor Dayw

Hi digi WUNners

The menu

aero	ARINC and the Canaries (2)
dgps	dgps in France dgps in Turkey
Intl Agencies	UNJLC in Sudan frequencies
Maritime	Greek CG dsc to own units Globe wireless network channels
Met	Argentinean FAX on 7400 Murmansk Met FAX Russian wx FAX confirmed ceased
Military	Military (Portuguese Naval) traffic structures
Special	FAX via Kiev/UTQ

>>....Aero.....>

::: ARINC and the Canaries (2)

No sooner (See last month's DR) have we commented on an apparent lack of development news we hear on 20/Sep from Risto Hirvonen advising that

"HFDL/Canarias will be soon on the air. Technicians have been there one week now....".

Thanks Risto.

>>....dgps.....>

::: dgps in France

The latest information on the current French dgps transmissions is as follows:

Freq	bps	Stn ref	Stn Tx	Range(nm)	Location
286.5	100	469	339	195	Porquerolles Lt (42.59N 6.12E)
299	100	460	330	97	La Hague (49.34N 1.46W)
304.5	100	468	338	97	Cap Bear Lt (42.31N 3.08E)
307	100	464	334	108	Les Sables d'Olonne(43.31N 1.48W)
308.5	100	462	332	108	Ponte de Buis (48.18N 4.05W)
309	100	463	333	97	Pen Men, Ile de Groix(47.38N 3.30W)
310	100	466	336	97	Cap Ferret Lt (44.38N 1.14W)

::: dgps in Turkey

The following beacons are being trialed:

Freq	bps	Stn ref	Stn Tx	Range(nm)	Location
301	200	545 546	373	300	Turkeli Lt (41.14N 29.06E)
307.5	200	547 548	374	300	kumkale (39.59N 26.10E)

>>....Maritime.....>

::: Greek CG dsc to own units

WUNners will be aware of the common usage of Digital Selective Calling (dsc) [ITU Recommendation M.493] on the exclusive GMDSS (Global Maritime Distress and Safety System) alert frequencies, and also by some stations on the adjacent NBDP (Narrow Band Direct Printing) ship/shore telex calling channels. In addition Olympia Radio has introduced dsc on their RT service channels as outlined in the Nautical News Column for Sept 02.

Thanks to Costas for highlighting another use where dsc is being used on an non-GMDSS basis.

He reports that "the Greek Coast Guard HQ are still sending their routine DSC signal three times per day (at, or just before, 0900, 1300 and 1900 local time) [UTC+2, UTC+3 during DST] on 6360 kHz (100/170 kHz). The signal is:

Format: 116 (All ships)
Category: 100 (Routine)
Sender id: 237673000.0 [JRCC Peiraias]
Command: J3E telephony 5750.0/5750.0 kHz"

This is a call to all (Greek CG) ships for J3E (RT) contact on 5750.0 kHz.

Costas advises that this system isn't new. "It has been there for years. In the past it was a bit different, the call was from 237673000 to the same address [with Format Specifier 114 (not 116 - all ships) which is a selective call to a group of ships having a common interest (slightly more selective than all ships)].

Recently they changed to an "all ships" from 237673000 call."

He says "RadioRaft could decode the old style of call, but not the new one." How other decoder modules react to this Format Specifier remains to be seen.

The called units never dsc acknowledge [BQ] on 6360 kHz but appear in simplex RT on 5750 kHz.

In respect of RT contact Costas reports that "After the DSC call, CG HQ, callsign 'Aris', comes on 5750 USB and calls all stations in a long list, each using a 3-letter callsign (derived from its name).

They reply giving a signal report for 5750 and report if they have received the DSC call. 5750 is also used (lightly) for contacts with CG vessels, some SAR operations etc.

Also, one hour earlier (0800, 1200 and 1800 local), 'Aris' checks with a few other stations, without reference to DSC, on 4162.5 kHz."

To repeat, this is an internal Greek CG net arrangement. GMDSS alert channel monitoring is operated by the GCG but is an entirely separate issue.

::: Globe wireless network channels

It's a couple of years since we had an up-to-date list of the channels of GW's maritime network. Our thanks to Peter Kierans, Licensing and Regulatory Vice-President of Globe wireless, for this updated (effective 25/Aug/04) list.

Shore Ship

Barbados/8PO
4376.4 4084.4
6379.5 5912.0
8468.0 7967.0
12680.4 12376.5
12683.4 12372.5
17155.4 16654.5
17158.4 16624.5
19741.4 18862.5
19744.4 18868.5

22461.4 22187.5
26135.4 25156.5

Malta/9HD

6396.0 5837.5
8474.0 8308.5
8517.0 8314.5
12721.0 12418.5
12732.0 12370.5
12892.5 12373.5
16939.0 16615.5
16945.0 16648.5
18519.0 18312.0
22498.5 22229.5

Penang/9MG

4430.4 4138.4
6355.5 6292.5
8492.0 8355.0
8690.5 8332.5
12831.0 12439.0
12943.5 12442.0
16815.5 16692.0
17045.6 16660.5
17225.5 16630.5
19751.0 18814.4
22465.0 22271.5

Bahrain/A9M

4256.0 4191.5
6430.0 6292.5
8541.0 8302.5
12673.5 12457.0
12709.0 12698.0
12756.5 12403.5
17066.5 16557.5
19726.0 18853.5
22456.0 22223.5
26119.0 25191.0

Santa Cruz/CPK

17384.4 16502.4
17396.4 16514.4
19762.4 18787.4
22847.4 22151.4
22853.4 22157.4
26161.4 25086.4
26170.4 25095.4

Bern/HEC

6493.5 6289.5
8597.0 8346.0
9157.0 9064.0
10341.0 10238.5
13002.0 12430.0
17408.4 16526.4
19655.0 19299.0

Seoul/HLF

4273.5 4188.5
6344.0 6298.5
8473.0 8371.5
8497.0 8374.5
12712.0 12469.0
12727.0 12472.0
17079.0 16678.5
19910.0 18823.4

Honolulu/KEJ

6439.4	6247.5
8663.4	8338.5
12664.5	12418.5
16923.0	16734.5
26125.4	25141.5

San Francisco/KFS

4295.4	4183.0
6368.5	6286.5
6436.4	6253.5
8526.4	8323.5
8609.0	8320.5
10349.0	10183.0
13036.5	12460.0
13039.5	12553.0
13056.4	12475.0
13059.4	12424.0
13069.4	12400.5
13072.4	12382.5
16820.0	16697.0
17186.0	16633.5
17189.0	16639.5
17211.4	16608.5
17378.4	16496.4
19687.5	18877.0
22557.0	22262.5

Guam/KHF

6374.0	6279.0
7723.0	7321.0
8456.0	8298.4
10186.0	10156.0
12691.5	12421.0
12814.5	12551.0
16906.0	16642.5
16909.0	16645.5
18211.5	18193.0
19733.5	18896.5
22464.0	22250.5
26155.4	25080.4

San Francisco/KPH

4459.0	4445.0
6360.0	6289.5
8453.0	8326.5
8606.0	8343.0
8618.0	8370.0
8762.4	8238.4
13014.0	12409.5
13017.0	12427.0
17372.4	16490.4
19730.5	18887.5
22554.0	22241.5

Rogaland/LFI

4262.0	4194.5
5768.0	5421.0
6467.0	6250.5
8683.5	8349.0
8705.5	8317.5
11145.0	10415.0
12660.0	12454.0
12678.0	12436.0
16926.0	16572.5

Buenos Aires/LSD836

4403.4	4111.4
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6502.4 6201.4
8459.0 8311.5
8594.0 8335.5
12736.0 12379.5
12779.0 12445.0
13123.4 12276.4
16976.0 16560.5
17249.4 16367.4
19706.0 18850.5
19754.0 18856.5
22600.0 22259.5

Goeteborg/SAB
3264.4 3159.5
4259.0 4166.5
4347.0 4188.5
5315.0 5295.0
5433.0 5388.0
6352.0 6244.5
6478.0 6235.5
8489.0 8325.0
8591.0 8305.5
8602.0 8352.0
10360.0 10330.0
10746.0 10213.0
12617.0 12514.5
12641.0 12539.0
12818.0 12388.5
12851.0 12397.5
16854.5 16731.5
16868.0 16750.0
17024.0 16630.5
17198.0 16568.0
19708.0 18847.5
19736.4 18859.5
22469.4 22211.5
22534.5 22280.5

Halifax/VCS
6427.0 6295.5
8675.5 8358.0
13033.5 12463.0
17234.5 16672.5
22590.0 22246.5

Torrs Cove/VCT
4566.4 5289.4
6523.4 6222.4
8615.0 8361.0
8690.5 8332.5
10166.4 10253.4
13162.4 12315.4
13914.0 13488.0
13940.0 13520.0
13946.0 13543.0
13983.0 13567.0
14945.0 14658.0
14948.0 14666.0
16912.0 16620.5
17237.5 16627.5
17402.4 16520.4
18602.0 18233.0
18614.0 18244.5
19786.4 18811.4
19798.4 18823.4
22660.5 22256.5
22679.5 22265.5
22694.5 22268.5

26164.4 25089.4

Darwin/VIE

6411.0 6239.0
 6464.0 6286.5
 8657.0 8358.0
 8680.5 8361.0
 8699.5 8352.0
 10455.5 10319.5
 13045.0 12466.0
 13053.5 12412.5
 13063.5 12448.0
 13066.5 12451.0
 17214.0 16627.5
 17217.0 16636.0
 17220.0 16669.5
 17240.5 16663.5
 19724.0 18865.5
 22682.5 22274.5
 22691.5 22253.5
 26124.0 25166.5

Perth/VJS

6316.5 6265.0
 8428.5 8388.5
 12626.0 12524.0
 12629.0 12527.0
 16871.0 16753.0
 16877.0 16759.0
 19695.5 18885.0
 19701.5 18891.0
 22430.0 22338.0
 22436.0 22344.0

Slide11/WNU

4225.0 4185.8
 4336.4 4200.5
 4424.5 4132.4
 4436.4 4144.4
 5077.5 4845.0
 5121.5 4848.0
 5367.0 5245.9
 6327.0 6281.0
 6334.0 6297.0
 6431.4 6256.5
 7753.0 7718.0
 7793.3 7827.0
 8672.4 8329.5
 12612.5 12511.0
 12624.5 12522.5
 12963.5 12394.5
 12966.5 12415.5
 13027.5 12391.5
 16942.0 16666.5
 17375.4 16493.4
 22385.5 22293.5
 26143.0 25169.5

Tianjin/XSV

6484.5 6235.5
 8617.0 8346.0
 12822.0 12433.0
 17132.0 16675.5
 22688.0 22243.5

Awanui/ZLA

6456.0 6244.5
 8668.0 8643.0

12740.0 12430.0
 13147.4 12300.4
 17170.4 16651.5
 17351.4 16469.4
 19736.4 18859.5
 22469.4 22211.5
 26132.8 25138.5

Capetown/ZSC

4274.0 4156.5
 6399.0 5873.0
 8446.0 8017.5
 12644.0 12542.0
 14728.0 14370.0
 16895.0 16777.0
 16901.0 16783.0
 18318.0 18169.5
 19689.5 18879.0
 19692.5 18882.0
 22540.0 22277.5
 26132.5 25129.5

Note that, whilst most of the channels operate on omni-directional antennae, there are a number of directional ones to provide a better service into specific areas.

>>....International Agencies.....>

::: UNJLC in Sudan frequencies

Thanks to Leif's postings. Further transmissions noted on 16275 and 19600 kHz in addition to the three (12225, 13390 and 14420 kHz) given in last month's Column.

>>....Met.....>

::: Argentinean FAX on 7400

Bob Hall in Capetown picked up and queried a FAX transmission on this frequency wondering if LOF. Thanks for the heads-up Bob and for Tony Paredes in Argentina for enlightening us.

Tony says "LOF is a AN radio station from Mar Del Plata, they have an antenna farm located 25 Km SE from my home.

Antennas are beaming for South Atlantic and power is about 1 Kw. The antenna farm is remote controlled from Mar Del Plata Navy Base.

This station transmits three forecast charts at 120 LPM and an IR satellite image at 240 LPM usually in parallel with 4441.9 and at night also on 3345.4."

::: Murmansk Met FAX

To summarise some posts (Klaus Betke/Zdenek Elias - thanks guys) and personal observations of this station. It operates on, and has been noted transmitting at,

Freq	Times
6328.5, 8444	1230 1330(90rpm) 1900

It should be noted that the tone arrangement is the reverse of that recommended by the WMO. Receivers should be used in /LSB and tuned to the above frequencies PLUS 1.9 kHz. It should also be noted that a shift of 1000 Hz is used rather than the WMO 800Hz.

The transmission is slightly fast (120.01 rpm) causing a marked slant on a well calibrated recorder running at 120 rpm. Both the drum speed and the frequency have been noted to be prone to instability.

::: Russian wx FAX confirmed ceased

By virtue of UK Notices to Mariners 38/04 (sourced on Russian Radio List 3008) the Russian FAX broadcasts via Amderma, Arkhangelsk and Rostov-na-Donu (and lack of any WUN logs) are confirmed as being no longer operational.

>>....Military.....>

::: Military (Portuguese Naval) traffic structures

Recently Dick from Holland picked up some RTTY which eventually turned out to be the Portuguese Naval Radiostation Alges/CTV on 8442 kHz working the Portuguese sail training vessel Creouale/CTEL on 8336 kHz using RTTY at 75bd/850Hz. He requested some information in respect of what some of his posted logs meant. This item is a response to that request and to assist those who may not be familiar. The Cerouale appeared to have special schedules with Alges at 0930, 1430 and 1900z

The following is subdivided into four sections dealing with various aspects namely A. opchat, B. message structure, C. routing indicators and D. Portuguese warships.

A. Typical op-chat captures:

In no particular order and each annotated thereafter in [...].

TEST THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG
1234567890 RYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
INT ZBZ

[Test string. INT ZBZ - Z-code - the military equivalent to the Q-Code. Z-code is a command or statement, and followed by a number is an extension to that Z-code. INT (the abbreviation for INTERrogative) before a Z-code signifies the question form of that Z-code. For Q and Z codes check out Ralf Koth's URL:
<http://www.kloth.net/radio/>]

CTV DE CTEL OM RR R R PSE ZAI TWO K K K

[To Alges/CTV from Creoule/CTEL OM (pal/buddy/mate/colleague) R (Roger/received/understood) PSE (Please) ZAI2 (send test message) K (Invitation to reply)]

CTV CTV DE CTEL CTEL INT ZBZ INT ZBZ K K K

[INT ZBZ - what is the readability/printing acceptability of my signals]

CTV CTV DE CTEL CTEL QRU QRU QRV QRV QRV K K K

[QRU (I have nothing for you) QRV (I'm ready for your traffic)]

CTV CTV DE CTEL QSL 1 MSGS K K K K

[I am in receipt of your first message)]

CTV DE CTEL OK OM SE PODE TX AGRADECO K K K

[Pal, if you can transmit I would appreciate it]

uu
oo rpfng [Precedence and RI (Routing indicator - see Section C) of the (action/TO:) addressee of this copy of this message (in this case Creoule).
zz Flash
oo Immediate (Operational Immediate)
pp Priority
rr Routine
where two are given eg pp rr the first is the action addressee precedence, and the second is the info (cc:) addressee precedence.]

de rpfm 8690 2480005 [(de (From) Originator (PN Lisbon). Originator's message number (8690) and day/time group. Note 248 is the 248th day of 2004 (ie 4/Sept) and 0005 is the time in UTC(Zulu).]

znr uuuuu [Security indicator showing message maybe sent on an unsecure circuit. Anything else would not be seen as it would be transmitted on encrypted circuits.]

o 040005z sep 04 [Precedence and time of origin in Date/time(zulu) month and year format.]

bt [Break]

em claro [Portuguese for enclair (French), in the clear, UNCLAS(sified).]

sic svc [sic - Service information code. Once the message reaches the destination commcen (Communication Centre) the staff have to decide to whom they have to route this message ie to the Officer Commanding the unit, and/or to one or more of his Officers, staff, or departments. Possible addressees will have advised the commcen as to which SICs should be copied to them.

sic svc relates to the working of the comms service and would not be copied outside the commcen.]

[now we come to the actual message]

1. roteamento navios periodo 040001z/042359z set 04 [Ship rotation in the period...]

rpfnb - corbeto, corcarmo, escolavega, lagao,
rpfncf - cordeca, corceira, fradura
rpfncfa - pazaie
rpfng - creoula (off-line), escolagres
rpfni - liominho, laguia
rpfnuc - domfernando
rpfob - fracabra1 (zkg ctg 443.02)
rpfobd - frareal (navio guarda), fragama [Guard ship]
rpfod - ctg 443.10, subcora, subfim, subcua
rpfosp - largos (ate 041000z), legaso, lorion [until 041000z]
rpfos - largos (partir 041000z) [Commencing 041000z]
rpfoui - escolapolar
rptie - corcinto
rptm - pacine
rpfo - restantes navios [Remaining ships]

[Section 1 - summarises the list of RI's against ships (navios) which
Pagina 655

will be effective for the 24 hr period stated]

page2 rpfm 8690 em claro [Page break giving page number, originator's RI, originator's serial number and security level]

2. organizacao operacional activada: [Active operational organisation]
 tg 443.02 - nrp alvares cabral, nrp corte real, nrp berrio,
 nrp cte sacadura cabral, nrp joao coutinho,
 nrp antonio enes, sps reina sofia
 tg 443.06 - nrp schultz xavier (ctg 443.06 embarcado),
 nrp bacamarte, nrp dragao, nrp centauro,
 nrp argos, nrp escorpiao, nrp pegaso
 tg 443.10 - nrp delfim, sps torfin

[Section 2 - gives the list of ships assigned to each Task Group (tg) ie Organisation of ships operationally active. It is noted that the officer Commanding Task Group 443.06 (ctg) is currently aboard Schultz Xavier.

nrp Navio Republic Portugal Portuguese Republic Ship
 sps Spanish Ship]

3. radiodifusoes activadas:
 a) p11g - ctv336/ctv416/ctv635/ctv751
 b) p11g1 - ctv336/ctv416/ctv635/ctv751
 c) navtex

[Section 3 - active radio broadcasts.
 P11G/P11G1 are NATO circuit designators and are shown to operate on the above channels. This will be a secure (encrypted) broadcast probably running STANAG 4285.

NAVTEX on 518 kHz. Portugal also uses 490 kHz for a supplementary MSI broadcast in Portuguese. Both frequencies are transmitted at scheduled times from sites in Portugal, Madeira and the Azores.]

4. componentes n/t activadas:

a) radnavalalges [Alges/CTV, Lisbon]
 psk - 600bds/fsk - 75bds
 ctv415 - 1900z-0700z
 ctv631 - h24
 ctv763 - 0700z-1900z

b) radnavalthorta [Horta/CTH, Azores]
 psk - 600bds/fsk - 75bds
 page 3 rpfm 8690 em claro [page break]
 cth411 - h24
 cth323 - 2000z-0800z
 cth631 - 0800z-2000z

c) radnavalsanto [Porto Santo/CTQ, Madeira]
 psk - 600bds/fsk - 75bds
 ctq405 - 2030z-0830z
 ctq635 - 0830z-2030z

[Section 4 outlines the currently active ship/shore [n/t - navio/terre] facilities for the stated 24 hour period for each of the three Naval Radio Stations (radnaval) located at

Alges/CTV, Portugal
 Horta/CTH, Azores
 Santo/CTQ, Madeira

Alges and Monsanto are both in the Lisbon suburbs. It is likely that Alges is the control/receiving site and Monsanto the transmitting one.

WUN-v10

No frequencies are given and none have yet been ascertained. AnyWUN assist? Shore facilities operate simplex on one frequency with another for the ship (usually in the sub-band for Ships using FAX, Wideband transmission systems).

Ships normally operate sending traffic/opchat encrypted. One would expect to see the shore station opchat in the clear with an idle mark between chat. It has been noted that CTEL used REVERSED mode whilst working CTV using RTTY 75bd/850Hz.

The data above indicates psk - 600bds may also be used. This again is likely to be STANAG 4285 operating at 600bd/long interleave. Again something to work on.]

bt [Break]
¥8690 [Originator serial number]
nnnn [End of message]

[Now for a message (unannotated - but same general structure) from CTEL giving routine position and weather report.]

CTV DE CTEL

NR.052/05

UU
PP RPFO RPFNB
DE RPFNGXX 0020 2490015
ZNR UUUUU
P 050010Z SET 04
FM CREOULA
TO RPFNB/COMNAV
INFO RPFO/FLOTNAVOT
EM CLARO
SIC LAQ
772
MS0VP/CREOULA/247/SET//
EFDT/050001Z6/SET//
CONTR/COMNAV//
NSIT/PO/AXS/CREOULA/4339.6N5 - 00829.6W5/050001Z6/TRANSIT//
ENVCON/CEU MUITONUBLADO/VENTO NE - F4/MAR PEQ. VAGA/OND.
NE - 2.0MTS2/VISIBILPDADE BOA//
BT
'0020

NNNN

[Report giving position 43-39.6N5 8-29.W5 at 05/0001z and in transit. Also ENVCON (ENVironmental CONDitions(?)/wx as /cloudy sky/wind NE force 4 (Beaufort scale)/Sea with weak front/waves from NE 2 meters high/good visibility//]

Finally one may find addressees

aig 3542
aig 3543
aig 3544

An AIG or Address Indicating Group is a collective type of address. It will be used by units/ships who maintain numbered series of bulletins, documents, and other specialised reasons.

C. Routing indicators:

These are the addresses used by various units, departments ashore, and ships to permit automatic message routing over the Portuguese military network locally and in the wider NATO field. The following have been

gleaned from various message headers. The names in the second column show in a more user friendly form (as much as military abbreviations/mnemonics permit) but without being privy to local usage some of these are a matter of guesswork.

For further information check out

<http://www.wunclub.com/archive/files/findex.html> - for RIDBF.zip

Some ships are given the name prefix

Cor.... Corveta (Corvette)
 Escola. Sailing vessel
 Fra.... Fragata (Frigate)
 Navi... Navio (Ship)
 Sub.... Submarino (Submarine)
 followed by whole/part of their name.

rpfm /capimarlisboa
 rpfna /maiomar
 rpfnb /corbeto corcarmo escolavega lagao
 rpfnb /corbeto corcarmo escolavega lhauriga lentauro
 /lagao laguia (partir 300900z)
 rpfnb /comnav
 rpfnb /lhauriga
 rpfnb /comnprvexcentmedmar
 rpfncf /cordeca corceira fradura
 rpfncf /corenes cordade cordeca pazaire
 /corceira (partir 301000z)
 rpfncfa /pazaie
 rpfncfa /navios copiando p11g1
 [Ships copying broadcast P11G1]
 rpfncf /navios copiando x110
 [Ships copying broadcast X110]
 rpfng /creoula (off-line) escolagres
 rpfng /creoula (off-line)
 rpfng /escolagres
 rpfng /creoula
 rpfngw /flotnav
 rpfngw /gabinetmar
 rpfni /liominho laguia
 rpfni /luominho
 rpfnuc /domfernando
 rpfnuf /inspmar
 rpfnuh /hospitalmar [Maritime Hospital?]
 rpfnui /insthidromar [Hydrographic Institute/Dept?]
 rpfnup /pessoalmarum
 rpfnup /pessoalmar
 rpfo /restantes navios [Remaining ships]
 rpfo /basemar [Naval Base?]
 rpfo /flotnav
 rpfo /lhomeda
 rpfo /navicarlos
 rpfo /navicoutinho
 rpfoab /fracabral (zcp ctg 443.02)
 rpfoac /frabelo (navio guarda) fradura
 rpfoadb /frareal (navio guarda) fragama
 rpfod /ctg 443.10 subcora subfim subcuda
 [Submarines Defim Barracuda - suggests tg 433.10 is the
 submarine squadron/flotila]
 rpfod /drisub
 rpfoo /ctg 443.02
 rpfos /largos (partir 041000z)
 rpfos /legaso lorion
 rpfosp /largos (ate 041000z) legaso lorion
 rpfosp /largos
 rpfoui /escolapolar
 rpfout /transportemar
 rpfw /pomilrep
 rptie /corcinto
 rptm /pacine

rptm	/comzonmarmadeira si	WUN-v10	[Commander Madeira Maritime Zone]
	/comzonmaraxcaicf		
	/comstanavforlant		[Commander Standing Naval Force Atlantic (NATO)]

Some units share the same RI but may at times not always be actually addressed in a specific message. Eg compare the two RIs rpfncf

D. Portuguese warships and supply, support and sail training vessels:

A list of Portuguese warships has been assembled below gleaned from the website
<http://www.marinha.pt/Marinha/PT/Menu/DescobrirMarinha/MeiosOperacionais/>

and callsigns from the ITU MARS website
http://www.itu.int/cgi-bin/htsh/mars/ship_search.sh

It would appear that all Portuguese Naval callsigns have been given an allocation from the CT./CT.. series.

Finally from message headers such as

- tg 443.02 - nrp alvares cabral, nrp corte real, nrp berrio,
 nrp cte acadura cabral, nrp joao coutinho,
 nrp antonio enes, sps reina sofia
- tg 443.06 - nrp schultz xavier (ctg 443.06 embarcado),
 nrp bacamarte, nrp dragao, nrp centauro,
 nrp argos, nrp escorpiao, nrp pegaso
- tg 443.10 - nrp delfim, sps tonina

in this case ships (nrp - Navios Republic Portugal/Portuguese Republic Ship) attached to various Task Groups (tg).

"ctg 443.06 embarcado" indicates that the Officer in Command of that task group is currently based aboard the Schultz Xavier. sps are Spanish ships attached to these groups for exercise purposes etc).

- Almirante Gago Coutinho
- Centauro
- Orion
- Pegaso
- Polar (sail)
- Sagitario
- CTEA Berrio (supply)
- CTEC Sagres (sail)
- CTED Shultz Xavier
- CTEH Vega (sail)
- CTEL Creoula (sail)
- CTFA Joao Coutinho
- CTFB Jacinto Candido
- CTFC Pereira D'Eca
- CTFE Baptista da Andrade
- CTFG Joao Roby
- CTFH Afonso Cerqueira
- CTFJ Vasco da Gama
- CTFK Alvares Cabral
- CTFL Corte Real
- CTFR Joao Belo
- CTFS Hermenegildo Capelo
- CTFU Cte Sacadura Cabral
- CTFV Antonio Enes
- CTHJ Dom Carlos I
- CTHK Andromeda
- CTHL Auriga
- CTIG Rio Minho
- CTIH Argos
- CTII Dragao

CTIJ	Escorpio	
CTIK	Cassiopeia	
CTIL	Hidra	
CTIP	Aguia	
CTIR	Cisne	
CTJK	Becamarte	(supply)
CTPO	Cacine	
CTPS	Quanza	
CTPU	Zaire	
CTPY	Save	
CTSE	Barracuda	(submarine)
CTSG	Delfim	(submarine)

There may be others. Also there are CT.. callsigns in the MARS database unaccounted for - these may be for ships now decommissioned - mothballed, scrapped or sold to other nations.

Thanks also to PT in Portugal for assistance with various bits of translation.

>>....Special.....>

::: FAX via Kiev/UTQ

Mid-month Bruno Casula posted a pointer (thanks Bruno) to an interesting FAX transmission on 12828.7 at 1700z. Further observations on this have shown a map offshore from Western Sahara giving the sea-water temperature contours.

WUNners are referred back to the article "Unid fax on 19745" in the Mar00 Column. At that time the transmission was 1100z on 19745 kHz, another listed Kiev/UTQ frequency.

The transmission does not occur every day but every 2 or 3 and is now running at 120rpm. Transmission time is 10 minutes, and usually starts at 1700z or within 5 mins thereafter.

Our friends at Monteria LLC (to whom thanks) have kindly translated the Russian for us. From a number of charts has been extracted labels/phases, etc such as "Sectors where the fleet is working 18-19/09/2004" as indicated by a number of small black squares. The boxes and captions refer to the areas where various fishing vessels (RTMKS K-1488, RTMKS-0002, RTMKS-0003, RTMKS K-2118) have caught fish. In one case between 68 and 165 tons of sardines.

This offshore area sees the cold Canaries Current which is associated with some of the world's richest fishing grounds. The potential catch is estimated at 600,000 tonnes. No doubt the best catches will be based on particular temperatures where the fish tend to shoal hence the sea temperature contours on this chart..

The writing along the bottom of the charts is the same, complete with email and phone numbers but so far no response has been obtained by dropping an email to the address quoted.

In particular, say our sources at Monteria, this is AtlantNIRO's Department of Scientific-Industrial Research, which is not listed on the English site <http://www.atlantniro.ru/en/index.html>, but is detailed on the Russian language site <http://www.atlantniro.ru>. This Department is responsible for stuff like counting fish population. The English site has many areas under construction. The Russian language site is also heavily under construction, but is more complete.

It should be noted that AtlantNIRO is based in Kaliningrad.

>>....Signoff.....>

That's it folks, and until next month enjoy your monitoring. Do you have anything to contribute? Regards Day

=====
WUN Government and Military Frequency/Designation List
Compiled by Larry Van Horn, N5FPW
Brasstown, NC USA, larry@grove-ent.com
=====

Lot's of interesting changes and updates this month. Besides some general cleanup of the listings we have in this edition of the WUN MLA:

- * A location update on the UK RAF VOLMET.
- * I have reworked the HF-GCS ALE network and the NIPR/SIPR network listings and added news that the Navy ELF MI/WI sites are shutting down forever on September 30, 2004
- * An AFRN update from Samuel Cassio
- * The new US Coast Guard Secure 3A17 frequency from Mark Cleary.
- * Ron Perron provided us with a major update on the the Venezuelan Army and Kritian K. and Ron provided major updates on the Brazilian Military services.

2004 MLA Column Contributors (and I sincerely thank each and everyone of you who take the time to add to this list): Samuel Cassio, M.J. Cleary, Leif Dehio, Jeff Haverlah, Kristian K., Peter Martinez (G3PLX), Ron Perron, Thomas M. Rvsner and John Volpato.

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Government and Military Systems
Frequency/Channel/Designators List
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Last Revision: 23 September 2004

Legend:
MF = Moved From (freq in MHz)
RTTY = Radioteletype
US = United States
USB = Upper Sideband

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UNITED STATES MILITARY LISTINGS
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*Department of Defense Joints Chief of Staff Nets
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High Frequency Global Communications System (HF-GCS)

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The U.S. Air Force High Frequency (HF) Global Communications System (HF-GCS) is a worldwide network that currently consist of 15 high-power HF stations which provide air/ground HF command and control radio communications between all Department of Defense (DoD) ground agencies, aircraft and ships. Allied military and other aircraft are also provided support in accordance with agreements and international protocols as appropriate. The HF-GCS is not dedicated to any service or command, but supports all authorized users on a traffic precedence basis.

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On Jun 1, 1992, the former Global HF System (GHFS) was created by consolidating other U.S. Air Force (USAF) and U.S. Navy (USN) HF networks, including the USAF Global Command and Control System (GCCS), the Navy's Ship-to-Shore High Command (HICOM) network, and the dedicated Strategic Air Command (SAC) Giant Talk System. The goal of the merger was to develop one worldwide non-dedicated HF network capable of providing Command and Control (C2) HF communications support to all authorized DoD aircraft and ground stations. As of 1 October 2002, the former GHFS network is now known as the HF Global Communications System (HF-GCS).

The old high power HF equipment being utilized within the HF-GCS has now been replaced with "Scope Command" equipment. Scope Command incorporates Automatic Link Establishment (ALE) technology for use over HF. Scope Command is not the name for this network as some have indicated in the past post to the WUN and other newsgroups. It is the name of the equipment upgrade being done to the network. In January 2003, all HF-GCS station transmit and receive equipment is remotely controlled from the Centralized Net Control Station (CNCS) at Andrews AFB, Maryland.

This ALE technology automates many of the functions performed by the operator such as selecting the best propagating frequency from a list of authorized frequencies.

Net Procedures

General Calling - Aircrews use a preliminary call as outlined in ACP-121 US Supp 2 using the collective callsign "MAINSAIL" or the HF-GCS station call sign (example: Sigonella Global this is Dark 86 on 11175, OVER). HF-GCS operators require approximately 10 seconds (for automated equipment configuration) to respond to calls for service. The HF-GCS operator may request the aircraft change to a discrete frequency for improved and/or extended service.

Phone Patch Service - Phone patching allows direct voice communications between ground agencies and aircraft by electronically connecting telephone circuits to radio transmitters and receivers. Phone patch service is reserved for official unclassified business only and shouldn't exceed five minutes. Patches of more than five minutes or of a sensitive nature should be run on a discrete frequency. Aircrews requesting a phone patch must include all information necessary for HF-GCS operators to complete the call, such as the identity or location of the called parties and telephone number if known. Phone patches are monitored by HF-GCS operators and if radio reception isn't of sufficient quality to complete the patch, they will attempt to copy the traffic and relay it to addressees.

Message Relay Service - HF-GCS operators transcribe encoded or plain-text messages for aircraft or ground stations and forward them to the addresses by radio or landline. The text of the messages can be in the form of alphanumerics, code words, plain text, acronyms, and/or numerical sequences. Aircrews may use "READ BACK" procedures when the message data is critical, or when an incomplete transmission is suspected due to poor radio reception. All messages received by Global stations will be accepted and delivered by the fastest means available according to precedence and priority.

Published Frequency Listing - HF-GCS stations operate on "core" frequencies to provide increased "Global" coverage. The published frequency listing does not reflect complete system frequency authorizations. These published frequencies will be used for initial contact, EAM broadcasts, and short term C2 phone patch and message delivery. Other extended or special services will be moved to each station's available "discrete" frequencies. Any and all known discrete frequencies for these stations have been incorporated below in the HF-GCS station listings.

Frequency Guide - The frequency guide below is used by units contacting this net and is designed to optimize their air/ground communications.

Primary HF-GCS Frequencies - 24 hours 8992.0 11175.0

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Back up HF-GCS Frequencies - DAY 13200.0 15016.0
Back up HF-GCS Frequencies - NIGHT 4724.0 6739.0

Commonly heard callsigns

BRICKWALL Osan Air Mobility Control Center (AMCC)
DENALI Elmendorf Air Mobility Control Center (AMCC)
HILDA GLOBAL Tanker Airlift Control Center Scott AFB
TRACKER US Air Force Europe Tanker Recce Airlift Control
Center (UTRACC)

MAINSAIL Authorized users may contact and request service from
Global HF System stations by using the general net air-ground call sign
"MAINSAIL". Any Global station hearing the call "MAINSAIL" will respond
and provide the requested service.

S4JG A universal Navy call sign assigned to Patrol Squadrons
(VP) for use in radio checks. Instead of using the briefed, tactical call
sign, the Navigation/Communications operator on the P-3C Orion aircraft
would use S4JG on voice and also teletype to get a communications check
with a Tactical Support Center (TSC), HF-GCS station or Anti-Submarine
Warfare (ASW) Operations Center (ASWOC). In theory by using S4JG, the
tactical call sign is less likely to be compromised.

SKYBIRD The collective call sign for all U.S. Strategic Command
(USSTRATCOM) command posts, launch control centers, Global HF stations,
Air Traffic Control (ATC) towers on Air Combat Command (ACC)/Air Mobility
Command (AMC) host tenant bases, Single Sideband (SSB) HF radio stations,
and air defense sites in Canada.

SKYKING The collective call sign for all single Integrated
Operational Plan (SIOP) committed aircraft and missile crews. Its meaning
is "all SIOP committed aircraft and missile crews copy the following
message."

SKYMASTER The collective callsign to all USSTRATCOM airborne
command post.

The current station list for the HC-GCS net is as follows:

Andersen Air Base (AB), Guam (Voice call Guam Global)
Summer: 4724.0 (1300-2000Z) 6739.0 (1100-2000Z) 13200.0 (2000-1300Z)
15016.0 (2000-1100Z)
Winter: 4724.0 (1200-2030Z) 6739.0 (1000-2030Z) 13200.0 (2030-1200Z)
15016.0 (2030-1000Z)
Year round/24 hours: 8992.0 11175.0

Andrews AFB, Maryland (Voice call Andrews Global) HC-GCS CNCS
Summer: 4724.0 (0430-0930Z) 6712.0 (0230-0930Z) 13200.0 (0930-0230Z)
15016.0 (0930-0230Z)
Winter: 4724.0 (0200-1230Z) 6712.0 (2400-1230Z) 13200.0 (1230-0200Z)
15016.0 (1230-2400Z)
Year round/24 hours: 8992.0 11175.0
Discrete Frequencies: 8058.0 11053.0 11159.0 11181.0 11214.0 11220.0
13960.0 14863.0 18015.0

Ascension Island (Voice call Ascension Global)
Year round: 4724.0 (2400-0700Z) 6739.0 (1900-2400Z) 8992.0 (24 hrs)
11175.0 (24 hrs) 15016.0 (0700-1900Z)
Discrete Frequencies: 9043.0 11159.0 11226.0 14497.0

Croughton AB, United Kingdom (Voice call Croughton Global)
Summer: 4724.0 (2230-0400Z) 6712.0 (2230-0400Z) 13200.0 (0400-2230Z)
15016.0 (0400-2230Z)
Winter: 4724.0 (1800-0800Z) 6712.0 (1800-0800Z) 13200.0 (0800-1800Z)
15016.0 (0800-1800Z)
Year round/24 hours: 8992.0 11175.0
Discrete Frequencies: 4894.0 5708.0 5117.0 6728.0 6731.0 6993.0
7567.0 7933.0 8032.0 9025.0 10648.0 11118.0 11129.0 11180.0

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11181.0 11220.0 11226.0 11232.0 11271.0 13822.0 15042.0 15091.0

Diego Garcia Naval Station, Indian Ocean (Voice call Diego Garcia Global)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 9012.0 11181.0 11226.0 11244.0 11269.0 13254.0
 15095.0 20910.0

Elmendorf AFB, Alaska (Voice call Elmendorf Global)
 Summer: 4724.0 (1000-1300Z) 6739.0 (0800-1400Z) 13200.0 (1300-1000Z)
 15016.0 (1400-0800Z)
 Winter: 4724.0 (0230-1900Z) 6739.0 (0030-2130Z) 13200.0 (1900-0230Z)
 15016.0 (2130-0030Z)
 Year Round/24 hours: 8992.0 11175.0

Hickam AFB, Hawaii (Voice call Hickam Global)
 Summer: 4724.0 (1000-1600Z) 6739.0 (0500-1000Z) 15016.0 (1600-0500Z)
 Winter: 4724.0 (0800-1700Z) 6739.0 (0400-0800Z) 15016.0 (1700-0400Z)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 11181.0 13242.0

Keflavik NAS, Iceland
 Summer: 4724 (2200-0530Z) 6739.0 (2200-0730Z) 13200.0 (0530-2200Z)
 15016.0 (0730-2200Z)
 Winter: 4724.0 (2000-0800Z) 6739.0 (2000-1000Z) 13200.0 (0800-2000Z)
 15016.0 (1000-2000Z)
 Year round/24 hours: 8992.0 11175.0

Lajes AB, Azores (Voice call Lajes Global)
 Summer: 4724.0 (2230-0400Z) 15016.0 (0400-2230Z)
 Winter: 4724.0 (1800-0800Z) 15016.0 (0800-1800Z)
 Year round/24 hours: 8992.0 11175.0 13200.0
 Discrete Frequencies: 11220.0 13440.0 14896.0 23265.0

McClellan, California (Voice call McClellan Global)
 Summer: 4724.0 (0730-1300Z) 6739.0 (0530-1300Z) 13200.0 (1300-0730Z)
 15016.0 (1300-0530Z)
 Winter: 4724.0 (0500-1530Z) 6739.0 (0300-1530Z) 13200.0 (1530-0500Z)
 15016.0 (1530-0300Z)
 Year round/24 hours: 8992.0 11175.0

Offutt AFB, Nebraska (Voice call Offutt Global)
 Summer: 4724.0 (0600-1100Z) 6739.0 (0400-1100Z) 13200.0 (1100-0600Z)
 15016.0 (1100-0400Z)
 Winter: 4724.0 (0300-1400Z) 6739.0 (0100-1400Z) 13200.0 (1400-0300Z)
 15016.0 (1400-0100Z)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequency: 10589.0 11053.0 11159.0 11181.0 12087.0

Salinas, Puerto Rico (Voice call Puerto Rico Global)
 Summer: 4724.0 (0300-1000Z) 6739.0 (0100-1000Z) 13200.0 (1000-0300Z)
 15016.0 (1000-0100Z)
 Winter: 4724.0 (0200-1100Z) 6739.0 (2400-1100Z) 13200.0 (1100-0200Z)
 15016.0 (1100-2400Z)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 7690.0 9006.0 10648.0 11056.0 11220.0 11484.0
 15087.0

Sigonella Naval Station, Sicily, Italy (Voice call Sigonella Global)
 Summer: 4724.0 (2230-0400Z) 15016.0 (0400-2230Z)
 Winter: 4724.0 (1800-0800Z) 15016.0 (0800-1800Z)
 Year round/24 hours: 6739.0 8992.0 11175.0 13200.0

Thule AB, Greenland (Voice call Thule Global)
 Year round/24 hours: 8992.0 11175.0 13200.0 15016.0
 Discrete: 11181.0 13215.0

Yokota AB, Japan (Voice call Yokota Global)
 Summer: 4724.0 (1200-1930Z) 6739.0 (1000-2130Z) 13200.0 (1930-1200Z)

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15016.0 (2130-1000Z)
Winter: 4724.0 (0930-2200Z) 6739.0 (0730-2400Z) 13200.0 (2200-0930Z)
15016.0 (2400-0730Z)
Year round/24 hours: 8992.0 11175.0

Notes:

1. Summer schedules run from April-September. Winter schedules run from October-March
2. The Air Force Eastern Test Range (AFETR) HF Network may be used as a backup to GLOBAL. The net can be contacted on USB 10780.0 (primary) and 20390.0 kHz (secondary) using the call sign of CAPE RADIO. Another backup to the HF-GCS is profiled below in the US Air Force MARS section.

DoD Emergency Action Message (EAM) Broadcast Time Slots

These broadcast are commonly heard on HF-GCS primary frequencies plus 11244.0 kHz. Please note that not all HF-GCS published frequencies are active for every EAM broadcast time slot listed below. Also some of the activity listed below is not on HF-GCS published frequencies, but on other selected discrete frequencies.

For an in-depth discussion on what an EAM is, see the utility information file on the WUN website at URL: <http://www.wunclub.com/files/eam.html>

Current as of 24 June 2004

H+00 HF-GCS Offutt AFB, Nebraska
H+05 HF-GCS Andersen AB, Guam
HF-GCS Croughton AB, United Kingdom
H+07 U.S. Navy E-6 TACAMO (Take Charge and Move Out) Atlantic (LANT) aircraft (6697.0/13155.0 kHz)
H+08 U.S. Navy E-6 TACAMO aircraft HF-GCS six character EAMS "FOR..."
H+09 HF-GCS McClellan AFB, California
H+14 U.S. Navy E-6 TACAMO Pacific (PAC) aircraft (6697.0/13155.0 kHz)
H+20 HF-GCS Salinas, Puerto Rico
H+21 HF-GCS Elmendorf AFB, Alaska
H+25 USSTRATCOM Looking Glass mission aircraft
H+29 HF-GCS Sigonella Naval Station, Sicily
H+30 HF-GCS Andrews AFB, Maryland
H+34 HF-GCS Hickam AFB, Hawaii
H+35 HF-GCS Croughton AB, United Kingdom
H+37 U.S. Navy E-6 TACAMO LANT aircraft (6697.0/13155.0 kHz)
H+38 U.S. Navy E-6 TACAMO aircraft HF-GCS six character EAMS "FOR..."
H+40 HF-GCS Elmendorf AFB, Alaska
H+44 U.S. Navy E-6 TACAMO PAC aircraft (6697.0/13155.0 kHz)
H+46 Unknown station
H+49 HF-GCS McClellan AFB, California
H+50 HF-GCS Lajes AB, Azores
H+55 USSTRATCOM Looking Glass mission aircraft
H+59 HF-GCS Sigonella Naval Station, Sicily

Earlier examples of this broadcast schedule can be seen in the various 1980s editions of the Grove Shortwave Directories (usually on page 5 for those that still have them) - Those minute stamps were also used for the then common "standing by for traffic" calls heard from the various GIANT TALK ground stations operating under their pre-92 daily changing callsign aliases.]

The FOXTROT (SKYKING) messages are also common, or at least they used to be. You should generally hear more than two over any 24 hour period. Of interest, the preface to the FOXTROT broadcasts that would name the echoing ground stations have not been heard (here) since maybe sometime in April 2003 (around the end of major combat in Iraq.) I've heard no instance of a request to DIEGO GARCIA or THULE or anyone else since around that time, just the occasional FOXTROT broadcast from ANDREWS or whoever. They dropped the DECENT, ENLIST, FAIRLY, EYESTRAIN, DEFROSTER echo requests sometime around Sept 2001 (maybe) to be replaced with plaintext station names (THULE; DIEGO GARCIA; CYPRUS FLIGHT WATCH) after 9/11, and now since around April 2003 maybe nothing.

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Busiest frequencies are 8992.0 ("Eight-Niner") and 11175.0 ("Triple-1"), which most stations guard around the clock. The others operate on a schedule which changes twice yearly, on the first of April and October. The upper sideband (USB) mode is used on all HF-GCS frequencies listed above.

Note: The data signal you will on 9025.0 kHz is ALE which is a computerized system that simplifies HF operation (see section below). Older frequency circulated on the internet continue to list 8968.0 and 17976.0 kHz, but these were removed from HF-GCS service over three years ago.

HF-GCS Scope Command HF ALE Network

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HF-GCS ALE Network frequencies (USB/ALE): 3137.0 4721.0 5708.0 6721.0
9025.0 11226.0 13215.0 15043.0 18003.0 23337.0

The ALE system used by the JCS HF-GCS network is designated MIL-STD-188-141A. You can download a software program developed by Charles Brain to decode these digital transmissions at the following URL:
<http://www.chbrain.dircon.co.uk/>.

ALE allows automated ground agency contact by selecting the best station and best frequency without operator interaction. ALE radios make this possible by using a datafill that contains frequency, station and other pertinent information. For ALE radios to operate properly, the radio must have a loaded datafill, be turned on in the "automatic" mode and remain there the duration of the flight. If the radio is removed from the ALE mode, history tables will require time to rebuild and initial communications may be slightly degraded.

Net participating stations, identifiers and specific frequency assignments used in the HF-GCS ALE net:

ADW Andrews AFB, MD USA
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

AED Elmendorf AFB, AK USA
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

CRO RAF Croughton, UK
3137 4721 6721 9025 11226 13215 15043 18003 23337

GUA Andersen AFB, Guam
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

HAW Ascension Island
3137 4721 6721 9025 11226 13215 15043 18003 23337

HIK Hickam AFB, Hawaii
3137 4721 6721 9025 11226 13215 15043 18003 23337

ICZ Sigonella, Sicily Italy
3137 4721 5708 6721 9025 11226 13215 15043 18003

IKF NAS Keflavik, Iceland
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

JDG NSF Diego Garcia
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

JNR Salinas, Puerto Rico
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

JTY Yokota AB, Japan
3137 4721 6721 9025 11226 13215 15043 18003

MCC McClellan, CA USA
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

MPA RAF Port Stanley, Falkland Island(South Atlantic)
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

OFF Offutt AFB, NE USA
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

PLA Lajes AB, Azores
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

Selected non HF-GCS stations observed in this net:

CEF 439AW, Westover AFB, MA
GVT Raytheon, Greenville, TX

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OKC Oklahoma City (Tinker AFB), OK
RIC CAP Region 2 MER/CAP National Technology Center, Richmond, VA
RSC Rockwell Scope Command Facility, Greenville, TX
TAG Incirlik AB, Turkey (HF-GCS Facility Closed)
WRL Warner-Robins AFB, GA

Preset telephone number codes imbedded in Scope Command ALE command lines:

PCHS Charleston Command Post
PDOV Dover AMCC
PERT Rota
PMET Hilda Metro
PPLA Lajes AB
PTAE Hilda East
PTAR Ramstein AB
PTAW Hilda West
PWRI McGuire AFB

NIPR/SIPR HF ALE Network

=====

Courtesy of Ron Perron

SIPR (Secret Internet Protocol Router) Network Frequencies
(USB/ALE): 5702.0 6715.0 8968.0 11181.0 17976.0 27870.0

SIPR Gateway/Frequency Matrix:

ADWSPR Andrews AFB, Maryland
5702.0 6715.0 8968.0 11181.0 17976.0 27870.0
CROSPR Croughton AB, United Kingdom
5702.0 6715.0 8968.0 11181.0 17976.0 27870.0
HAWSPR Ascension Island
8965.0 11181.0 17976.0
ICZSPR Sigonella AB, Sicily, Italy
5702.0 6715.0 8968.0 11181.0 17976.0
IKFSPR NS/NAS Keflavik, Iceland
11181.0 17976.0
JDGSPR Diego Garcia, Indian Ocean
11181.0 27870.0
JNRSPR Salinas, Puerto Rico
6715.0 8968.0 11181.0 17976.0
MCCSPR McClellan, California
5702.0 6715.0 11181.0
OFFSPR Offutt AFB, Nebraska
5702.0 6715.0 8968.0 11181.0 17976.0
PLASPR Lajes AB, Azores
5702.0 6715.0

NIPR (Non-Secure Internet Protocol Router) Network Frequencies (USB/ALE):
3068.0 4745.0 5684.0 8965.0 11199.0 13242.0 17973.0 20631.0

NIPR Gateway/Frequency Matrix:

ADWNPR Andrews AFB, Maryland
3068.0 4745.0 8965.0 11199.0 13242.0 17973.0 20631.0
CRONPR Croughton AB, United Kingdom
17973.0
MCCNPR McClellan, California
5684.0 8965.0 13242.0 17973.0
OFFNPR Offutt AFB, Nebraska
5684.0 8965.0 11199.0 13242.0 17973.0 20631.0

MYSTIC STAR Network

=====

This is a worldwide communications system, operated and maintained by elements of the United States Army, United States Navy, and United States Air Force under the control of the Defense Information Systems Agency (DISA) Operations Center. Its network provides worldwide communications by directly controlling radio equipment located at Global HF system

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stations. It consists of ultra high frequency satellite and HF networks supporting Presidential, special air mission, Joint Staff, VIP (very important persons) and command airborne missions. The Mystic Star HF network consists of: a single master net control station (MNCS) located at Andrews AFB Maryland, interstation and intersite circuits, and relay and auxiliary communications subsystems. (Source Air Force Instruction 33-106)

Column Note: We have seen less and less monitor reports on this system over the last few years. It is widely believed that encryption is the reason for this decline in traffic.

Frequency/Designator Matrix (USB/LSB/Encryption)

F003	8036.0 (1)	F005	9120.0 (3)	F007	4850.0
F009	17972.0	F020	16117.0 (1)	F033	15962.0
F039	10881.0	F046	13823.0	F054	8058.0 (9)
F058	4742.0 (6)	F061	23265.0 (2)	F063	14870.0
F064	11214.0 (3)	F066	15036.0	F077	Unknown
F078	18532.0	F080	15677.0	F084	13205.5
F085	6993.0	F086	9461.0	F089	13204.0 (1)
F090	6716.0	F094	9017.0 (2)	F098	14585.0
F099	13247.0 (0)	F101	12106.0 (6)	F102	11118.0 (2)
F103	11488.0 (6)	F107	Unknown (8)	F108	7316.0
F114	6986.0 (6)	F117	6993.0 (8)	F124	11217.0 (6)
F126	12087.0 (2)	F128	23242.0	F134	4942.5
F136	5429.5 (7)	F146	9027.0 (1)	F153	8063.0 (6)
F171	18403.5 (9)	F173	14420.5	F174	20650.0
F182	3078.0 (6)	F184	10648.0 (8)	F186	3046.0
F194	13825.0 (5)	F195	20631.0	F197	4982.0 (6)
F202	16014.0 (5)	F204	12057.0	F211	11056.0 (7)
F213	Unknown	F220	11181.0	F226	5435.5 (6)
F228	7735.0 (5)	F229	Unknown (8)	F236	15041.0 (9)
F240	Unknown (8)	F243	18590.0	F248	5398.0 (5)
F249	4731.0	F250	15091.0 (2)	F251	13217.0 (1)
F262	10717.0	F264	7693.0 (6)	F265	15733.0 (1)
F266	7997.0 (6)	F267	6730.0 (2)	F268	7325.0 (2)
F271	18320.0	F277	11153.0 (1)	F287	11226.0 (2)
F290	8026.0 (2)	F291	13960.0 (1)	F292	9414.5
F295	11460.0 (3)	F300	15707.0 (0)	F301	7500.5 (2)
F302	Unknown	F310	Unknown	F311	11220.0 (3)
F322	Unknown	F326	14864.0	F327	18716.0
F337	18761.0	F341	16083.0	F350	5043.0
F351	Unknown (9)	F354	11053.0 (2)	F356	7827.0
F360	7919.5 (8)	F363	15018.0 (7)	F365	11059.0 (1)
F369	20397.0 (8)	F370	17177.0	F372	16123.0 (8)
F380	3144.0 (5)	F382	15094.0 (6)	F395	9057.0 (1)
F400	6728.0 (5)	F404	7690.0 (2)	F405	6972.0
F406	18393.0 (6)	F417	4992.0	F419	11407.0 (5)
F420	7933.0 (7)	F432	6731.0 (8)	F433	20972.0
F435	3821.0	F437	5684.0 (6)	F441	17440.0 (1)
F444	19267.0	F448	16-18 MHZ	F451	13248.0 (9)
F452	5026.0	F453	19063.0	F461	13211.0 (1)
F463	4610.0 (1)	F464	16157.0	F465	8040.0 (0)
F466	14864.5 (0)	F467	9023.0 (3)	F476	4-6 MHZ
F481	7605.0	F483	18626.0	F486	5152.0 (9)
F487	24483.0	F489	5437.0 (7)	F496	11059.5 (2)
F497	5411.0 (7)	F498	8032.0 (1)	F499	4442.0 (0)
F500	8989.0 (6)	F505	9006.0 (2)	F515	Unknown (2)
F516	4645.0 (6)	F517	9270.0 (6)	F521	11484.0 (2)
F522	11232.0 (2)	F523	9215.0 (9)	F529	8077.0 (7)
F530	23325.0	F533	18675.0 (6)	F538	Unknown
F540	5404.5	F541	Unknown (2)	F542	5431.0 (6)
F543	8083.0	F545	10580.0	F546	18400.0
F551	18331.0 (6)	F555	4894.0 (6)	F561	11052.0 (6)
F567	13565.0 (6)	F569	18387.0	F574	11413.0 (6)
F575	10427.0	F576	11153.5 (2)	F577	10544.0 (7)
F579	Unk 11 MHZ	F595	10877.0	F600	13878.0 (6)
F611	14863.0	F614	4488.8 (8)	F616	9320.0 (2)

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F622 5817.0 F623 18317.0 F624 13241.0 (1)
 F626 19343.0 F627 7910.0 (5) F631 18755.0 (5)
 F633 18290.0 (1) F639 7469.0 F642 18218.0 (2)
 F644 15821.0 (5) F646 13440.0 (2) F649 8053.0 (6)
 F655 11053.0 F662 15048.0 (6) F664 15 MHz
 F667 6817.0 (7) F673 3064.0 F677 6 MHz
 F690 3032.0 F700 4490.0 F701 11058.0 (7)
 F702 9323.0 (6) F703 9991.5 (6) F706 8057.0 (5)
 F707 10589.0 (2) F708 23377.0 F709 9317.0 (7)
 F710 4458.0 F713 16246.0 (5) F717 10883.0
 F722 12270.0 (9) F723 18323.0 (6) F728 11236.0 (5)
 F731 6683.0 (1) F732 15011.0 (7) F734 4757.0 (7)
 F736 11494.0 (8) F741 7873.0 F748 6756.0 (5)
 F749 15-16 MHz F752 8047.0 (2) F754 11627.0
 F758 4452.0 (8) F777 3113.0 (6) F778 18023.0 (8)
 F784 9043.0 (6) F785 15687.0 (6) F790 16323.0
 F793 Unknown (0) F800 Unknown (2) F803 5078.0?
 F807 12103.0? F809 5700.0 (5) F814 6989.0 (7)
 F821 Unknown F823 11229.0 (1) F825 19047.0?
 F832 18267.0 F843 Unk 6 MHz F845 6-7 MHz
 F846 13822.0 (5) F853 12 MHz (0) F864 16008.0 (2)
 F867 6830.0 (7) F868 9218.0 (6) F869 16090.0
 F873 13248.0 (7) F874 13246.0? F875 6717.0 (1)
 F877 4721.0 (7) F885 13207.0 (5) F891 11053.5
 F895 5710.0 (9) F904 10202.0 (0) F906 4524.0
 F909 7687.0 (8) F910 19671.0 (9) F912 7330.0
 F915 12107.0 F917 10205.0 (6) F918 13482.0
 F919 11159.0 (2) F920 7927.0 (2) F924 16317.0
 F932 Unknown (2) F933 Unknown F935 7922.5
 F937 Unknown F940 11445.0 (0) F943 19002.0 (6)
 F948 15038.0 (6) F952 Unknown F956 Unknown
 F957 6761.0 (0) F965 11466.0 (2) F974 10586.0 (6)
 F975 Unk 11 MHz F980 15724.0 F982 9,13 MHz
 F987 10583.0 (6) F988 4763.0 F997 15667.0

Legend:

- (7) Confirmed 1997
- (8) Confirmed 1998
- (9) Confirmed 1999
- (0) Confirmed 2000
- (1) Confirmed 2001
- (2) Confirmed 2002
- (3) Confirmed 2003

Frequencies 4441.0, 6671.0, 8260.0, 18801.0 and 25363.0 has been heard carrying "Mystic Star" traffic, but no designator is known. Designator F171 and signals associated with this net have been monitored on 18397.4 vice the 18403.5 we have listed above.

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 *United States Strategic Command (USSTRATCOM)
 =====

HF "Zulu" Airborne Command Post Net

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 Frequency/Designator Matrix (USB)

Z100 3068.0 (9)	Z180 9057.0 (3)	Z265 18024.0 (0)
Z105 3116.0 (2)	Z185 9809.0 (0)	Z270 18027.0 (0)
Z110 3134.0? (8)	Z190 10204.0 (3)	Z275 18046.0?
Z115 3143.0 (9)	Z195 Unknown (3)	Z280 18387.0 (2)
Z120 3295.0 (2)	Z200 11181.0 (3)	Z285 Unknown
Z124 Unknown	Z205 11494.0 (2)	Z290 19665.0 (9)
Z125 4495.0 (2)	Z210 11229.0 (3)	Z295 19755.0 (2)
Z130 4472.0 (8)	Z211 12070.0 (2)	Z300 20167.0 (2)
Z135 4745.0 (2)	Z215 13242.0 (2)	Z305 20407.0 (9)
Z140 5026.0 (8)	Z220 13245.0 (2)	Z310 23337.0
Z145 5705.0 (3)	Z225 13907.0 (1)	Z315 23872.0 (9)
Z150 5800.0 (2)	Z230 15046.0 (7)	Z320 24828.0?

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Z155	5875.0	(0)	Z235	15094.0	(3)	Z325	24978.0?
Z160	6715.0	(2)	Z240	15097.0	(0)	Z330	26532.0?
Z165	6757.0	(2)	Z245	Unknown		Z335	26859.0 (2)
Z170	7831.0	(2)	Z250	15962.0	(1)	Z340	Unknown
Z174	Unknown		Z255	17973.0	(0)	Z345	Unknown
Z175	9016.0	(4)	Z260	18006.0	(0)	Z350	Unknown

Legend:

- (7) Confirmed 1997
- (8) Confirmed 1998
- (9) Confirmed 1999
- (0) Confirmed 2000
- (1) Confirmed 2001
- (2) Confirmed 2002
- (3) Confirmed 2003

Note: At 1805 UTC on 16 Dec 2003, monitored female op using tac call calling other tac calls IDed frequency as Z-280/Z-230. A new frequency 7992.0 kHz has been uncovered by WUN member Jeff Haverlah in Texas during monitoring of a STRATCOM exercise on June 25, 2003. The frequency was being used by airborne command post participating in a STRATCOM communications exercise. No designator has been assigned at this time.

Other notes on USSTRATCOM related communications/frequencies from Jeff Haverlah.

11244.0 kHz

1. This frequency is a special HF-GCS discrete that is used by *every* named HF-GCS station for Emergency Action Messages (EAM) and FOXTROT broadcast. In fact, it has been described as the "broadcast" frequency. Stations here do not respond to MAINSAIL general calls on this frequency.

2. This frequency is guarded by the Nightwatch 01 (US Air Force E-4 National Airborne Operations Center or NAOC) station (which uses daily changing callsign aliases) and is paired with 8992.0 kHz.

3. This frequency is used by the apparent USSTRATCOM Looking Glass mission aircraft for daily EAM transmissions at any time, and used for repeat EAM transmissions at H+25/H+55 mostly during North American daylight hours (and at any part of the day during exercises). Paired with 8992.0 kHz. Also guarded by the Glass mission and other U.S. Navy E-6 TACAMO aircraft when active.

Note: The primary mission of the Looking Glass aircraft is the ability to command, control, and communicate with its nuclear forces. Its highly-trained crew and staff ensure there is always an aircraft ready to direct bombers and missiles from the air should ground-based command centers become inoperable. Looking Glass guarantees that U.S. strategic forces will act only in the precise manner dictated by the president. On Oct. 1, 1998 the Navy's E-6B Mercury aircraft replaced the USAF EC-135 in the Looking Glass mission.

4. Used by possible tanker aircraft (maybe on their SIOP mission) passing 4-element groups to "SkyMaster" (NAOC and TACAMO aircraft) during exercises and paired with 8992.0 kHz. The 4-element groups have been called "TID traffic" by SKYMASTER aircraft.

5. Used by other U.S. government stations (i.e. Federal Emergency Management Agency-FEMA, etc) including the static call "Blue Grass" (Mt. Weather, Virginia) as a frequency to pass "Hotel" messages. These messages are passed to each other and to the NAOC aircraft (using an alias separate from that particular day's callsign). This activity is usually during the third week of each month, is not paired with 8992.0 kHz, and many of the station's use callsigns begin with the letter "A" (i.e. Axle Rod, Army Ruler, etc).

6. Units here always identify the frequency as 11244.0 kHz and not with a tactical designator.

6697.0 kHz

1. This frequency is used by the TACAMO aircraft for daily evening/night (North America) EAM transmissions during the following time slots:

H+07/H+37 by a TACAMO LANT aircraft
H+14/H+44 by a TACAMO PAC aircraft

2. EAMS have been heard at any time during initial broadcast, simulcast on 8992.0, 11244.0 and on the USSTRATCOM Zulu net frequencies above.

3. This frequencies is also used by possible TACAMO aircraft to communicate with trigraph identifier stations during exercises (usually to receive 3-element group traffic from these trigraph stations.)

4. Also is used 24-hours a day by the United Kingdom's station MKL and their trigraphs (many of these thought to be Nimrod aircraft).

13155.0 kHz

1. This frequency is used by the TACAMO aircraft for daily daytime (North America) EAM transmissions during the following time slots:

H+07/H+37 by a TACAMO LANT aircraft
H+14/H+44 by a TACAMO PAC aircraft

2. EAMS have been heard at any time during initial broadcast, simulcast on 8992.0, 11244.0 and on the USSTRATCOM Zulu net frequencies above.

3. The activity on this frequency apparently moved here from 11267.0 kHz a few years ago. 11267.0 now seems to be quiet probably indicating that it is no longer used for this purpose.

Other U.S. Navy frequencies heard recently with EAM broadcasts by Jeff Haverlah and the column editor: 4515.0 4848.0 5680.0 6512.0 6666.0 6686.0 6720.0 6724.0 6778.0 6833.0 6903.0 7501.0 7589.0 8020.0 8971.0 9007.0 9010.0 9036.0 9283.0 10515.5 10805.0 10994.0 11187.0 11255.0 11271.0 13155.0 14698.0 15038.0 15049.0 16117.0

These and other old U.S. Navy HF HICOM (High Command) frequencies have been active in past with heavy EAM traffic. (See HF-GCS section above about the demise of the HICOM network)

=====
*United States Air Force
=====

Special Operations Command (AFSOC)

=====
Frequency/Designator Matrix (USB)

- 3044.0 352SOG RAF Mildenhall, United Kingdom Maintenance
- 3134.0 Hurlburt Field, Florida
- 4450.0 352SOG RAF Mildenhall, United Kingdom Exercise Operations
- 5204.5 352SOG RAF Mildenhall, United Kingdom (Blackhat) Primary
- 5349.0 352SOG RAF Mildenhall, United Kingdom (Blackhat)
- 5687.0 Hurlburt Field, Florida (Plantation/Seminole Operations)
- 5732.0 Hurlburt Field, Florida (Emerald Ops/Seminole Operations)
- FOX 2? Kirtland AFB, New Mexico
- 6730.0 Hurlburt Field, Florida
- 9018.0 AFSOC Air-to-Air
- 9019.0 Hurlburt Field, Florida (Plantations Operations) FOX 4? ex-9017
- 9026.0 352SOG RAF Mildenhall, United Kingdom (Blackhat)
- 9161.5 352SOG RAF Mildenhall, United Kingdom (Blackhat) Primary
- 11611.0 Hurlburt Field, Florida (Seminole/Emerald Operations)
- 13206.0 Hurlburt Field, Florida (Plantations Operations) FIX 1? ex-13207 kHz

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I have had no recent reports on 18027.0 (FOX 9) or 23271.0 kHz (FOX 8). Has anyone in the last year heard any AFSOC units using the FOX designators above? Also, the following frequencies were active with AFSOC activity until the overhaul of the OR frequencies several years ago. Does anyone know what frequencies have taken their place? 4721.0 6712.0 9017.0 9023.0 kHz.

RAF Mildenhall, United Kingdom

=====
6761.0 Aerial refueling tankers interplane (worldwide)

Ramstein AB, Germany

=====
AMC Command Post (Metaphor)
Frequencies (USB): 6730.0 9022.0

Miscellaneous Listings

=====
JStars aircraft discrete
Frequency (USB): 11181.0

Air Force Military Affiliate Radio System (MARS)

=====
You will also find a considerable amount of military aircraft voice traffic (official and unofficial) on the U.S. Air Force Military Affiliate Radio System (MARS) phone patch network frequencies: The primary frequencies are 13927.0 and 20992.0 kHz. These are fun and interesting frequencies to monitor.

Frequency/Designator Matrix (USB)

4557.0 RK
7633.5 ACJ
13927.0 ACB (Primary)
14606.0 ACF
18617.0 ???
20992.5 ACZ

MARS conducts a phone patch admin net on Sundays at 1600 UTC on 13977.0 kHz (ACC).

Civil Air Patrol (CAP) Tech

=====
Information from Ron Perron
Confirmed Frequencies (USB/ALE): 5006.0 6806.0 7602.0 8012.0 9047.0
11402.0 13415.0

ALE Identifiers:

1. Surfing on the CAP web site and reading some of their publications (Organization, Communications Procedures, CAP Alerting System) Ron has confirmed the following identifiers:

RIC CAP National Technology Center, Richmond VA
022NHQCAP National ops Center (NOC) CAP Nat'l HQs, Maxwell AFB AL.

According to the CAP Alerting System Communications Actions publication under threat advisories Yellow (present condition), Orange and Red the NOC (Headcap 22) and the NTC (Headcap 33) are responsible for conducting the National Command Net with the NTC acting as alternate net control to the NOC. "Confidence checks" have to be conducted to ensure that the system is ready for any contingency. This probably explains the fairly heavy volume of soundings from 022, 047 and 062 NHQCAP identifiers.

2. Reading these same publications and looking at the command structure of CAP headquarters, Ron has tentatively identified the following identifiers:

047NHQCAP Possible Director of Communications (DOK), CAP Nat'l HQs, Maxwell AFB AL.

062NHQCAP Possible Director of Operations (DOO), CAP Nat'l HQs,
Maxwell AFB AL.
034MERCAP Middle East Region, North Carolina poss Region Chief of
Staff

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*U.S. Army

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U.S. Transportation Command

=====

Frequency/Designator Matrix (USB)

4146.0 Channel 1
6224.0 Channel 2
6227.0 Channel 3
8294.0 Channel 4
8297.0 Channel 5
12353.0 Channel 6
12359.0 Channel 7
12365.0 Channel 8

Army Corps of Engineers

=====

Frequency/Designator Matrix (USB)

3345.0 Channel 1
5015.0 Channel 2
5327.5 Channel 3
5400.0 Channel 4
5437.5 Channel 5
6020.0 Channel 6
6785.0 Channel 7
9122.5 Channel 8 Primary
11693.5 Channel 9
12070.0 Channel 10 Secondary
12122.0 Channel 11
16077.0 Channel 12
16326.0 Channel 13 Teritiary
16358.0 Channel 14
20659.0 Channel 15

18th Airborne Corps HF ALE Net

=====

Courtesy of Ron Perron

Frequencies (USB/ALE): 3238.5 4641.5 5883.5 6911.5 7361.5 8171.5
9295.0 10161.5 10680.0 12168.0

ALE Identifiers:

18FABDEJAGCE 18th Field Artillery Bde
159X1 Probable 1/159th deployed/exercise HQs
229JAGCE Probably 229th FA Bn (105mm howitzers)
327FAJAGCE 3-27th FA (MLRS)-Multiple Rocket Launcher Bn, 18th Airborne
Corps
FFAJAGCE Unidentified sub-unit of 18th FA Regt
P1Z159 1/159th Avn Bn, Ft Bragg
S030PS Unidentified
S080PS Unidentified
S12 Unidentified
S21 Unidentified
S41 Unidentified
T1Z159 1/159th Avn Bn, Ft Bragg
T18 Probably 18th Airbone Coprs HQs

Continuity of Operations (COOP) HF ALE Net

=====

Courtesy of Ron Perron

Frequencies (USB/ALE): 3275.0 3285.0 5066.5 5088.5 6767.5 6985.0

7448.5 7510.0

ALE Identifiers:

CECOM Army Communications & Electronics Command, Ft. Monmouth NJ.
 USACE1010 Army Corps of Engineers
 USADA1010 Unidentified
 USAFC1220 Army Forces Command (FORSCOM), Ft McPherson GA
 USAIS1012 Army Intelligence & Security Command, Ft Belvoir VA
 USAMC2120 Army Materiel Command, Alexandria VA
 USAMD1010 Army Medical Department ???
 USANG2409 Army National Guard HQs, Arlington VA
 USAPC1010 Army Pacific Command, Oahu HI

I believe the purpose of this net is to develop & maintain an HF ALE communications capability to support the major US Army commands. This net would probably provide backup communications capability in the event of failures of other means of communications, i.e. landlines, satellites, microwave/troposcatter.

This net is usually "tested" on Wednesdays. Lately the US Army Intelligence & Security Command, Ft Belvoir VA has been acting as Net Control Station (NCS) for this net.

=====
 *U.S. Coast Guard
 =====

Air-to-Ground Nets

=====
 Frequencies (USB): 3053.0 3056.0 3119.0 3122.0 4730.0 4733.0 5693.0
 5696.0 5699.0 8980.0 8983.0 11196.0 11199.0 11202.0 13218.0
 13221.0 15082.0 15085.0 15088.0 17988.0 17991.0

Station List:

CAMSLANT Chesapeake, Virginia
 CAMSPAC Point Reyes, California
 GANTSEC Great Antilles Section

Secure Net

=====
 Frequency/Designator Matrix (USB)
 4716.6* 3A04 Group Key West (ANDVT/Clear)
 5142.6* ANDVT Comms
 5272.0 3E06
 5320.0* US Coast Guard District 7/8 (ANDVT/Clear)
 5399.6* 3C16 GANTSEC (ANDVT)
 5422.5 3A03
 5680.0* Group Charleston with CG Cutters
 6234.5* 3E11 (ANDVT/Clear)
 6246.6* ANDVT/Clear
 6815.6 ???? ex-3E11 GANTSEC
 6969.0* ANDVT
 7421.0 3A09
 7626.0 3E10
 7773.5 3A08
 7845.0 ????
 7884.0 3E13
 7909.0 3E14 CAMSLANT
 8091.0 ????
 8240.0* Usually a HFDX frequency, but some voice with cutters noted
 8337.6* 3E12
 8980.0* ANDVT
 10608.0* 3A02 Group Miami (ANDVT/Clear)
 10675.0 3E19
 10759.0 3E20
 10788.0 3E21
 10993.6^ 3A17 Group Key West (ANDVT/Clear)
 11157.5 3E24

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11202.0* Deployed cutters with HH-65 helos in Caribbean
 13413.0 3E25
 13809.0 ?????
 13950.0 ?????

The designators above appear to be changing. Anyone else notice any others changes? Reports are requested. Asterick indicates update in this month's column. Since January 2004 there has been no mention on the nets of 3A26 and 3A31 only 3A04, 3A17, 3E11, 3E12. For a full listing of USCG aircraft and helicopters be sure to check out Mark J. Cleary's list at URL: <http://www.wunclub.com/>

TISCOM Net

=====
 Frequencies (USB/ALE): 4730.0 8859.0 13221.0 17988.0

Station List:

NMC US Coast Guard CAMSPAC Point Reyes, CA
 NMG COMSTA New Orleans, LA
 NMO US Coast Guard Honolulu, HI
 NOJ COMSTA Kodiak, AK
 TISCOM US Coast Guard Telecommunications & Information Systems Command, Arlington, VA

A1401 Net Frequencies

=====
 This is a list of Ship/Shore Independent Sideband (ISB) frequencies. I call this set of frequencies the A1401 net.

2016.0 2040.0 2054.0 4913.5 5108.5 5217.0 5223.0 5266.0 5272.0
 5419.5 5942.5 6961.0 7439.0 7577.0 7617.0 7626.0 7754.5 7845.0
 7884.0 7909.0 9169.0 9291.0 9332.0 9373.0 10297.5 10338.5 10354.5
 10378.0 10675.0 10759.0 10788.0 10929.5 10935.5 11024.0 11045.0
 11157.5 13413.0 13484.0 13537.7 13950.0 14506.0 14518.75 14731.0
 14752.0 14919.2 18189.0 18255.0 18283.0 18335.0 18497.0 18650.0
 18716.0 20095.0 20137.0 20518.0 20639.0 23373.0 23515.0

Atlantic Only 2161.0
 Pacific Only 2144.0 5932.5 7713.0 9299.5 11165.8 18757.0
 Your column editor is extremely interested in receiving activity reports on any of the above listed frequencies.

HF PACTOR II E-Mail Network

=====

Frequency	Net Control Station	Fleet	Day/Night
5272.2	NOJ	PAC	Night
6961.2	NMC1	PAC	Night
6964.4	NMC	PAC	Night
7442.3	Cutters	PAC	Night
7685.5	NNNOMDC	LANT	24hrs
8340.2	NMC	PAC	Night
10355.2	NOJ	PAC	24hrs
13827.5	NNNOMUC	LANT	24hrs
14506.2	NMC	PAC	Day
14752.2	Unknown	PAC	Day
14922.4	poss NOJ	PAC	Day
18192.2	NMC1	PAC	Day
20642.2	NMC	PAC	Day

Station List:

Callsign	Identity
NAQD	USCGC Jarvis WHEC-725
NDWA	USCGC Morgenthau WHEC-722
NEGF	Unid USCGC
NEPP	USCGC Healy WAGB-20
NGDF	USCGC Munro WHEC-724

NKJU	USCGC Kukui WLB-203
NLPM	USCGC Chase WHEC-718
NLVS	USCGC Rush WHEC-723
NMAG	USCGC Hamilton WHEC-715
NMC	Communications Area Master Station Pacific (CAMSPAC) Point Reyes, California
NMC1	Coast Guard Island, Alameda, California
NMEL	USCGC Mellon WHEC-717
NNHA	USCGC Acushnet, WMEC-167
NOJ	Communications Station (COMSTA), Kodiak, Alaska
NRCB	USCGC Eagle, WIX-327
NRPX	USCGC Buttonwood WLB-306
NRTF	USCGC Active, WMEC-618
NRUC	USCGC Storis WMEC-38
NRUO	USCGC Polar Sea WAGB-11 (no longer equipped)
NSTF	USCGC Steadfast WMEC-625
NYCQ	USCGC Boutwell WHEC-719
NZNE	USCGC Walnut WLB-205 ***New Ident***
NZVE	USCGC Alert WMEC-630
NNN0CBS	USCGC Durable, WMEC-628
NNN0CCK	USCGC Bear WMEC-901
NNN0CEQ	USCGC Harriet Lane WMEC-903
NNN0CES	USCGC Gentian (WIX-290)
NNN0CFA	USNS Persistent (T-AGOS 6)
NNN0CLL	Unid USCGC
NNN0CMD	USCGC Mohawk WMEC-913
NNN0CME	USCGC Northland WMEC-904
NNN0CMS	USCGC Courageous WHEC-716
NNN0CMV	USCGC Tampa WMEC-902
NNN0CNW	Unid USCGC
NNN0CNY	USCGC Campbell WMEC-909
NNN0CNZ	USCGC Tahoma WMEC-908
NNN0CSA	USCGC Seneca WMEC-906
NNN0CSP	USCGC Spencer WMEC-905
NNN0CTB	USCGC Venturous WMEC-625
NNN0CVQ	USCGC Forward WMEC-911
NNN0CXK	USCGC Gallatin WHEC-721
NNN0CXS	USCGC Dallas WHEC-716
NNN0CYU	USCGC Vigilant WMEC-617
NNN0CZK	USCGC Vigorous WMEC-627
NNN0MDA	Atlantic Shore Station, Nazareth Pennsylvania (aka:
NNN0GKF)	
NNN0MDC	Atlantic Shore Station, HQ Navy & Marine Corps MARS, Washington DC (aka: NNN0NAV)
NNN0MDF	Atlantic Shore Station, Coast Guard HQ, Washington DC (aka: NNN0NCG)
NNN0MUC	Atlantic Shore Station
NNN0NXZ	USCGC Confidence WMEC-619
NNN0NZK	USCGC Dauntless WMEC-624

9th District HF Net

=====

Frequencies (USB/ALE): 3163.4 5423.9 7530.0 7621.6 (might have replaced 7629.1) 8126.4 9278.5 10373.6 11043.6

Station List:

CGD9	Coast Guard District 9, Cleveland, Ohio
NODK	USCGC Bramble (WLB-392)
NODW	USCGC Sundew (WLB-404)
NODY	USCGC Acacia (WLB-406)
NRKP	USCGC Mackinaw (WAGB-83)
NRLX	USCGC Katmai Bay (WTGB-101)
NRLY	USCGC Bristol Bay (WTGB-102)
NRUR	USCGC Mobile Bay (WTGB-103)
NRUS	USCGC Biscayne Bay (WTGB-104)
NRUU	USCGC Neah Bay (WTGB-105)

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*U.S. Navy

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ELF Communications System

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NEWS FLASH!! Please note that these two broadcast will be turned off on September 30, 2004 and these two sites will be dismantled per an article in the Bay City Times newspaper on September 13, 2004.

Frequencies: 76 Hz (primary) and 44 Hz (Secondary)
There are two transmit sites: Republic, Michigan and Clam Lake, Wisconsin. This is used as a bell ringer communication system to submarines.

Strategic Communications Wing One (SCW-1)

=====

Frequency/Designator Matrix (USB)

6691.0 CA (7)
11187.0 CB (0)
17982.0 CC (9)
11264.0 CH (9)

Also check 11267.0, 13240.0 and 14615.0. References have been made on the air to designators CD, CE, CF, CG, CK and CL.

Ships Electronics systems Evaluation Facility (SESEF)

=====

Point Loma, CA (USB): 2792.0
Mayport, FL (USB): 5745.0 10711.0
Barbers Point, HI (USB): 16087.0
Norfolk (Fort Storey), VA (USB): 7535.0 8150.0 10711.0
Ediz Hook, WA (USB): 3236.0
Yokosuka, Japan (USB): 5304.0

Fleet Area and Control Facility (FACSFAC)

=====

FACSFAC Virginia Capes, VA (USB) 2252.0

Strike Group Air Defense Networks

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Frequencies (USB): 3265.0

AFN HF Broadcast

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Update to current schedules for the US Navy AFN broadcast on their website and NPR. They indicate that the NPR broadcast schedule isn't correct and made a correction to the schedule for the Guam broadcast. Below is the accurate schedule for AFN shortwave transmissions. Switchover from night to day, etc is based on local time at the transmitter site.

Station	Daytime	Nighttime
Barrigada, Guam	13362.0	5765.0
Diego Garcia	12579.0	4319.0
Keflavik, Iceland	13855.0	13855.0
	7590.0	7590.0
Key West, Florida	12133.5	12133.5
	5446.5	5446.5
Pearl Harbor, Hawaii	10320.0	6350.0
Roosevelt Roads, PR	7507.5	7507.5
Sigonella, Sicily	4993.0	10940.5

A new frequency in the Pacific Rim has been heard intermittently on 4815.0 kHz

The QSL@mediacen.navy.mil email address is still good for reception reports to get the AFN QSL letter for these broadcast.

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FOREIGN MILITARY SERVICES
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*Argentina

3175.5 Navy LOR-Puerto Belgrano Baudot 170/75

*AUSTRALIA/NEW ZEALAND

Air Force - RAAF/RNZAF

The following information comes from the Enroute Supplement Australia (ERSA) a publication jointly published by the Royal Australian Air Force and Airservices Australia, February 26, 1998 edition, Nav/Comm 1.

1. The Royal Australian Air Force (RAAF/Royal New Zealand Air Force (RNZAF) Air Operations Communications System (AOCS) is a high frequency radio network providing communications services for the operational control of RAAF/RNZAF aircraft and HF equipped marine craft [army ground stations are also commonly heard]. In addition, visiting military aircraft may use the AOCS when contact with Australia/New Zealand military authorities is required. The AOCS is not part of, and does not provide, an air traffic control service, civil or military.

2. The AOCS network consist of six Air Operations Communications Centres (AOCCs) located at Sydney, Darwin, Townsville, Perth, Auckland [NZ] and Woodbourn [NZ]. The combined AOCS provides:

- A. A General Purpose Net (GPN) on which all AOCCs guard the same three frequencies. All AOCCs can transmit and receive on these three frequencies simultaneously.
B. Discrete frequencies are available (if required) at each AOCC and allocated after initial contact on the GPN.
C. Telephone patch facilities between aircraft and ground appointments.
D. Continuous monitoring of military distress frequency 5696 kHz.
E. Selective Calling (SELCAL): Available to suitably equipped aircraft.

GPN Frequencies:

Day (2100-0900 UTC) 8974.0 11235.0 13206.0 kHz
Night (0900-2100 UTC) 3032.0 5687.0 8974.0 kHz
Military Distress 5696.0 kHz

The RAAF and RNZAF share 8974 with the Spanish Air Force, and 5687 with the Portugese and German military services.

Discrete frequencies

RAAF Darwin: 6685.0 6709.0 6712.0 6727.0 6760.0 8968.0 8971.0
8989.0 9025.0 11187.0 11199.0 11205.0 11271.0

RAAF Perth: 6757.0 8977.0 9022.0 9025.0 11187.0 11271.0 15085.0
18003.0 23203.0

RAAF Sydney: 4715.0 5711.0 6730.0 6739.0 8971.0 8980.0 8989.0
8992.0 9007.0 9019.0 9031.0 11202.0 11208.0 11226.0 11250.0
13227.0 13245.0 13248.0 15067.0 17985.0

RAAF Townsville: 5714.0 8971.0 8992.0 9007.0 11187.0 11247.0 15034.0

RNZAF Auckland: 6754.0 6760.0 8965.0 9010.0 9025.0 11178.0 11217.0
11247.0 13212.0 13233.0 13245.0 15044.0 15055.0

AOCS Callsigns

Location Voice Callsign
ASAOCS/NZAOCS Collective Air Force ANZAC
ASAOCS Collective Air Force Australia

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NZAOCS Collective	Air Force New Zealand
AOCC Auckland	Air Force Auckland
AOCC Darwin	Air Force Darwin
AOCC Perth	Air Force Perth
AOCC Sydney	Air Force Sydney
AOCC Townsville	Air Force Townsville

Australian Navy

=====

Frequency/Designator Matrix (USB)

2768.0 A1
4375.0 A2
6510.0 A3
8122.0 A4
13116.0 A5
17344.0 A6
22708.0 A7/C5 (Tentative)

Station List:

Canberra Control
Darwin Control
Exmouth Control
Perth Control
Townsville Control

New Zealand Navy

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Frequencies(USB): 3192.0 8316.5

Station List: Auckland

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*Bahamas

=====

Bahamas Defense Forces
Frequency (USB): 8156.0

Station List

C6WWH C6R2066 C6R2067

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*BELGIUM

=====

Air Force

=====

Frequency/Designator Matrix (USB)

3131.0 YA
4745.0 YD
6748.0 YF
8989.0 YG (Primary)
11268.0 YJ
15010.0 YM
18006.0 YO
18021.0 YP
20050.0 YQ
23332.0 YS

Station: Melsbroek (ONY)

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*Brazil

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Air Force

=====

Frequencies (USB/ALE): 7929.0 8834.0 9010.0 13224.0 13972.0 16355.0
17982.0

ALE Identifiers:

Antares Unidentified
 Bandeirantes Unidentified
 Cerrado Unidentified
 Hermes Brasília Air Force HQs
 India Victor Grupo Especial de Inspeção em Vôo, Aeroporto Santos-
 Dumont, Rio de Janeiro
 Jupiter Unidentified
 RDFEN Unidentified
 RDSSGC Unidentified
 SARBR Base Aérea de Brasília (Distrito Federal)
 SARCT Brazillian AF Curitiba [tentative]
 SARMN Brazilian AF Manaus
 SARPV Base Aérea de Porto Velho (Rondônia)
 SARRF Brazilian AF Recife [tentative]
 SA5 Unidentified SAR
 Saturino Unidentified
 Scorpius 1º/3º Grupo de Aviação "Escorpião" Boa Vista
 Tamoio Unidentified
 Tribo Unidentified

Army

====

Frequencies (USB/ALE): 10711.0 11530.0 12132.0 13942.0 14582.0
 14600.0 16333.0 16345.0 20535.0

ALE Identifiers:

BA1 Bahia
 BR1 Army HQs Brasilia
 CE1 Ceara
 ES1 Espirito Santo
 MS1 Manaus
 OR1 Orinoco [tentative]
 PA1 Para
 PE1 Pernambuco
 PR1 Parana
 RJ1 Rio de Janeiro
 RS1 Rio Grande do Sul
 SP1 Sao Paulo

Navy

====

Frequencies (USB/ALE): 6785.0 8031.0 8310.0 10194.5 10914.5 11010.0
 11455.0 11486.0 12370.0 12437.0 13101.0 13224.0 14780.0 15932.0
 16355.0 (SAR) 16607.0 16837.5 17010.0 19709.0 20064.0 22168.0

Shore Station List:

BA1SE Base Naval do Bahia, Aracaju (Estado Sergipe)
 BTLCMC1 Probable Brazilian Marine Forces unit
 DE1MO Unidentified (poss garble for RE1MO)
 ERMBEL Estação Rádio da Marinha em Belém (Fourth Naval District,
 Pará)
 ERMNAT Estação Rádio da Marinha em Natal (Third Naval District,
 Rio Grande do Norte)
 ERMRGD Estação Rádio da Marinha no Rio Grande (Fifth Naval
 District, Rio Grande do Sul)
 ERMRIO Estação Rádio da Marinha do Rio de Janeiro (First Naval
 District, Rio de Janeiro)
 ERMSAL Estação Rádio da Marinha em Salvador Salvador Det. (Second
 Naval District, Bahia)
 RE1MO Base Naval do Recife (Estado Pernambuco)
 T2ADAE Unidentified [Brazilian Navy]

Ship List:

CVFRON Corvetas FRONTIN V-33 (Class INHAÚMA)
 CVINHA Corvetas INHAÚMA V-30 (Class INHAÚMA)
 CVJACE Corvetas JACEGUAI V-31 (Class INHAÚMA)

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CVJULI Corvetas JÚLIO DE NORONHA V-32 (Class INHAÚMA)
 FBOSIS Frigate BOSÍSIO F-48 (Class Greenhalgh)
 FCONST Frigate CONSTITUIÇÃO F-42 (Class NITERÓI)
 FDEFEN Frigate DEFENSORA F-41 (Class NITERÓI)
 FDODSW Frigate DODSWORTH Fragatas F-47 (Class GREENHALGH)
 FGREEN Frigate GREENHALGH F-46 (Class Greenhalgh)
 FLIBER Frigate LIBERAL F-43 (Class NITERÓI)
 FRADEM Frigate RADEMAKER F-49 (Class Greenhalgh)
 FTEROI Frigate NITERÓI Fragatas F-40 (Class NITERÓI)
 FUNIAO Frigate UNIÃO Fragatas F-45 (Class NITERÓI)
 NAESPO SÃO PAULO Navio-Aeródromo São Paulo A-12 (Porta Aviões)
 NDDCEA CEARÁ G-30 Navios de Desembarque-Doca
 NDCCMM MATTOSO MAIA Navio de Desembarque de Carros de
 Combate G-28 (Class MATTOSO MAIA)
 NEBRSL BRASIL (Navio-Escola) U-27
 NTGMTA GASTÃO MOTTA (Navios-Tanque) G-23

Info:

<http://www.mar.mil.br/navios.htm>

http://www.mar.mil.br/Marinha_do_Brasil/menu_navios.htm

Ship Roster:

Vessel-Name	Vessel-Type	(Class)
A-12 SÃO PAULO (COLOSSUS)	Navio-Aeródromo	São Paulo (Porta Aviões)
D-27 PARÁ	Contratorpedeiros	(PARÁ)
D-30 PERNAMBUCO	Contratorpedeiros	(PARÁ)
F-40 NITERÓI	Fragatas	(NITERÓI)
F-41 DEFENSORA	Fragatas	(NITERÓI)
F-42 CONSTITUIÇÃO	Fragatas	(NITERÓI)
F-43 LIBERAL	Fragatas	(NITERÓI)
F-44 INDEPENDÊNCIA	Fragatas	(NITERÓI)
F-45 UNIÃO	Fragatas	(NITERÓI)
F-46 GREENHALGH	Fragatas	(GREENHALGH)
F-47 DODSWORTH	Fragatas	(GREENHALGH)
F-48 BOSÍSIO	Fragatas	(GREENHALGH)
F-49 RADEMAKER	Fragatas	(GREENHALGH)
G-15 PARAGUASSU	Navio-Transporte Fluvial	
G-17 POTENGI	Navio-Tanque Fluvial	
G-21 ARY PARREIRAS	Navios-Transporte de Tropas	
G-23 GASTÃO MOTTA	Navios-Tanque	
G-28 MATTOSO MAIA (MATTOSO MAIA)	Navio de Desembarque de Carros de Combate	
G-30 CEARÁ	Navios de Desembarque-Doca	
G-31 RIO DE JANEIRO	Navios de Desembarque-Doca	
H-11 PARAIBANO	Avisos Hidrográficos	
H-12 RIO BRANCO	Avisos Hidrográficos	
H-13 MESTRE JOÃO DOS SANTOS	Navios-Balizadores	(Mestre João dos Santos)
H-14 NOGUEIRA DAGAMA	Avisos Hidrográficos	
H-15 ITACURUSSÁ	Avisos Hidrográficos	
H-16 CAMACIM	Avisos Hidrográficos	
H-17 CARAVELAS	Avisos Hidrográficos	
H-18 COMANDANTE VARELLA	Navios-Balizadores	(Mestre João dos Santos)
H-20 COMANDANTE MANHÃES	Navios-Balizadores	(Mestre João dos Santos)
H-19 TENENTE CASTELO	Navios-Balizadores	(Mestre João dos Santos)
H-21 SIRIUS	Navios Hidrográficos	
H-24 CASTELHANOS	Navios-Balizadores	(Mestre João dos Santos)
H-25 TENENTE BOANERGES	Navios-Balizadores	(Mestre João dos Santos)
H-26 FAROLEIRO MÁRIO SEIXAS	Navios-Balizadores	(Mestre João dos Santos)
H-27 FAROLEIRO AREAS	Navios-Balizadores	(Mestre João dos Santos)
H-30 FAROLEIRO NASCIMENTO	Navios-Balizadores	(Mestre João dos Santos)
H-31 ARGUS	Navios Hidrográficos	
H-34 ALMIRANTE GRAÇA ARANHA	Navios-Faroleiro	
H-35 AMORIM DO VALLE	Navios-Balizadores	(Mestre João dos Santos)

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H-36 TAURUS Navio Hidroceanoográfico
 H-37 GARNIER SAMPAIO Navios-Balizadores (Mestre João dos Santos)
 H-40 ANTARES Navios Oceanográficos Classe Antares
 H-41 ALMIRANTE CÂMARA Navios Oceanográficos Classe Antares
 H-44 ARY RONGEL Navio de Apoio Oceanográfico
 K-11 FELINTO PERRY Navio de Socorro Submarino
 M-15 Aratu Navios-Varredores (ARATU)
 M-16 Anhatomirim Navios-Varredores (ARATU)
 M-17 Atalaia Navios-Varredores (ARATU)
 M-18 Araçatuba Navios-Varredores (ARATU)
 M-19 Abrolhos Navios-Varredores (ARATU)
 M-20 Albardão Navios-Varredores (ARATU)
 P-10 PIRATINI Navios-Patrolha (PIRATINI)
 P-11 PIRAJÁ Navios-Patrolha (PIRATINI)
 P-12 PAMPEIRO Navios-Patrolha (PIRATINI)
 P-13 PARATI Navios-Patrolha (PIRATINI)
 P-14 PENEDO Navios-Patrolha (PIRATINI)
 P-15 POTI Navios-Patrolha (PIRATINI)
 P-20 PEDRO TEIXEIRA Navios-Patrolha Fluviais (PEDRO TEIXEIRA)
 P-21 RAPOSO TAVARES Navios-Patrolha Fluviais (PEDRO TEIXEIRA)
 P-30 RORAIMA Navios-Patrolha Fluviais (RORAIMA)
 P-31 RONDÔNIA Navios-Patrolha Fluviais (RORAIMA)
 P-32 AMAPÁ Navios-Patrolha Fluviais (RORAIMA)
 P-40 GRAJAÚ Navios-Patrolha (GRAJAÚ)
 P-41 GUAÍBA Navios-Patrolha (GRAJAÚ)
 P-42 GRAÚNA Navios-Patrolha (GRAJAÚ)
 P-43 GOIANA Navios-Patrolha (GRAJAÚ)
 P-44 GUAJARÁ Navios-Patrolha (GRAJAÚ)
 P-45 GUAPORÉ Navios-Patrolha (GRAJAÚ)
 P-46 GURUPÁ Navios-Patrolha (GRAJAÚ)
 P-47 GURUPI Navios-Patrolha (GRAJAÚ)
 P-48 GUANABARA Navios-Patrolha (GRAJAÚ)
 P-49 GUARUJÁ Navios-Patrolha (GRAJAÚ)
 P-50 GUARATUBA Navios-Patrolha (GRAJAÚ)
 P-51 GRAVATAÍ Navios-Patrolha (GRAJAÚ)
 P-60 BRACUÍ Navios-Patrolha (BRACUÍ)
 P-62 BOCAINA Navios-Patrolha (BRACUÍ)
 P-61 BENEVENTE Navios-Patrolha (BRACUÍ)
 P-63 BABITONGA Navios-Patrolha (BRACUÍ)
 R-21 TRITÃO Rebocadores de Alto-Mar (TRIUNFO)
 R-22 TRIDENTE Rebocadores de Alto-Mar (TRIUNFO)
 R-23 TRIUNFO Rebocadores de Alto-Mar (TRIUNFO)
 R-24 ALTE GUILHEM Rebocadores de Alto-Mar (GUILHEM)
 R-25 ALTE GUILLOBEL Rebocadores de Alto-Mar (GUILHEM)
 R-26 TRINDADE Rebocador de Alto-Mar (Trindade)
 S-30 TUPI Submarinos (TUPI)
 S-31 TAMOIO Submarinos (TUPI)
 S-32 TIMBIRA Submarinos (TUPI)
 S-33 TAPAJÓ Submarinos (TUPI)
 U-10 ASPIRANTE NASCIMENTO Avisos de Instrução (Aspirante Nascimento)
 U-11 GUARDA-MARINHA JANSEN Avisos de Instrução (Aspirante Nascimento)
 U-12 GUARDA-MARINHA BRITO Avisos de Instrução (Aspirante Nascimento)
 U-17 PARNAIBA Monitor
 U-18 OSWALDO CRUZ Navios de Assistência Hospitalar
 U-19 CARLOS CHAGAS Navios de Assistência Hospitalar
 U-20 NAVIO VELEIRO CISNE BRANCO Navio veleiro
 U-27 BRASIL Navio-Escola
 U-29 PIRAIM Aviso de Transporte Fluvial
 V-15 IMPERIAL MARINHEIRO Corvetas (IMPERIAL MARINHEIRO)
 V-19 CABOCLLO Corvetas (IMPERIAL MARINHEIRO)
 V-20 ANGOSTURA Corvetas (IMPERIAL MARINHEIRO)
 V-24 SOLIMÕES Corvetas (IMPERIAL MARINHEIRO)
 V-30 INHAÚMA Corvetas (INHAÚMA)
 V-31 JACEGUAI Corvetas (INHAÚMA)
 V-32 JÚLIO DE NORONHA Corvetas (INHAÚMA)
 V-33 FRONTIN Corvetas (INHAÚMA)

Frequências (USB/ALE): 9117.0 13224.0 13972.0

Station List:

BR1 Brasilia (VII Naval District)[tentative]
 CE1 Ceara (Naval Port)or Fortaleza [tentative]
 MS1 Manaus (Commando Naval do Amazona Occidental)[tentative]
 PE1 Sao Pedro de Aldeia (Naval Air Base)[tentative]

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 *Canada

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 Canadian Forces (CanForce)
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 Military Aeronautical Communications System (MACS)
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Frequency/Designator Matrix (USB)

3047.0 MACS Net: Edmonton, Halifax, Trenton
 3092.0 MACS Net: Edmonton, St. John's, Trenton
 4379.0 CanForce Discrete: Halifax
 4560.0 Maritime Command Net: Halifax, St John's (A6A)
 4703.0 MACS Net: Edmonton, St. John's, Trenton
 4739.0 AAR Net: Halifax, St John's
 5198.5 Maritime Command Net: Halifax (A2B)
 5684.0 St John's, Vancouver
 5699.0 CanForce Discrete (Pipeline/Gonzo aircraft)
 5702.0 Vancouver
 5714.0 MACS Net: Edmonton, St. John's, Trenton
 5717.0 SAR Net: Halifax, St. John's. Trenton, Vancouver-Pri
 5850.0 Halifax Maritime Air Group (D1B)
 6694.0 Halifax, Vancouver (D6G)
 6706.0 MACS Net: Edmonton, St. John's, Trenton
 6712.0 CanForce Discrete (Pipeline/Gonzo aircraft)
 6715.0 SAR Net: Halifax, Trenton, Vancouver (D3H)
 6745.0 MACS Net: Edmonton, Trenton
 6751.0 Halifax, Vancouver, SIDECAR (NORAD)
 6754.0 MACS VOLMET: Edmonton, St. John's, Trenton
 8050.0 CanForce Discrete: Trenton (poss CanForce ALE activity here)
 8989.0 MACS Net: Edmonton, Trenton (Initial contact freq when
 aircraft is west of 90 deg west)(D1H)
 8992.0 CanForce Discrete: Trenton
 9007.0 MACS Net: Edmonton, St. John's, Trenton (Initial contact
 freq when aircraft is east of 90 deg west)
 9010.0 CanForce Discrete: Vancouver
 9023.0 NORAD: Trenton (C5)
 9031.0 CanForce Discrete (Pipeline/Gonzo aircraft)
 10194.0 CanForce Discrete: Trenton (US/Canadian Ground/AWACS
 Discrete)
 11007.5 CanForce Discrete: Trenton (US/Canadian Ground/AWACS
 Discrete)
 11190.0 CanForce Discrete (Pipeline/Gonzo aircraft)
 11205.0 CanForce Discrete: Halifax working VDD, Trenton
 11214.0 NORAD: Trenton (NORAD/MACS discrete- C6)
 11232.0 MACS Net: Alert, Edmonton, Halifax, St, John's,
 Trenton, Yellowknife(Initial contact freq when aircraft is east of
 90 deg west)
 11265.0 MACS Net: Edmonton, Trenton
 11271.0 MACS Net: Edmonton, Trenton (Initial contact freq when
 aircraft is west of 90 deg west)
 13206.0 CanForce Discrete: Trenton
 13257.0 Foxtrot MACS Net: Edmonton, St. John's, Trenton
 14364.0 CanForce Discrete: Trenton (US/Canadian Ground/AWACS
 Discrete)
 15031.0 MACS Net: Edmonton, St. John's, Trenton
 15034.0 MACS VOLMET: Edmonton, St. John's, Trenton
 17994.0 MACS Net: Edmonton, St. John's, Trenton
 18000.0 CanForce discrete: Halifax
 18012.0 MACS Net: Edmonton, St. John's, Trenton
 18027.0 NORAD: Halifax, Edmonton (C8)
 23250.0 MACS Net: Trenton

23271.0 CanForce Discrete: Trenton (US/Canadian Ground/AWACS Discrete)

Note: Frequency designators indicated above have not been reported in quite some time. More than likely CANFORCE has dropped the use of frequency designators. Other observations are welcomed.

Digital Communications

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CFH RTTY: 4271.0

Stations List:

CFH Halifax Military, NS (supports SAR coordination requirements for Halifax Rescue Coordination Center-RCC)
CHR Trenton Military, ON
CJU Vancouver Military, BC (supports SAR coordination requirements for the Victoria Rescue Coordination Center-RCC)
CJX St. John's Military, NF
CKN Vancouver Military, BC
VXA Edmonton Military, AB

Canadian Military Communications

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Canadian Military ALE Network
Frequencies (USB/ALE): 6925.0 6980.0 7600.0 8050.0 10000.0 11402.0
11605.0 12185.0

Station List:

VDE Unidentified
VDD Debert, NS
VEX Penhold, AB

Canadian Forces/NORAD Charlie Designators

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Frequency/Designator Matrix (USB)

Note: other than those listed above

4721.0	C1	
6735.0	C2	
6750.0	C3	
8967.0 or 8968.0		C4
13206.0 or 13207.0	C7	

Canadian Forces Affiliate Radio System (CFARS)

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CFARS is the Canadian Forces Affiliate Radio System which is equivalent to the United States Military Affiliate Radio System (MARS) program. CFARS stations are located at various United Nations peace-keeping operations around the world and operate amateur radio equipment that provides phonepatches for service personnel to their families. They are also to be found on Navy and Coast Guard ships.

Frequency/Designator Matrix (USB)

6978.5	Alpha
14386.0	Bravo
14460.0	Charlie
14463.0	Delta
14446.5	Echo
20971.5	Foxtrot
20963.5	Golf
29715.0	Hotel
14454.0	Juliet
14449.5	Kilo
20977.5	Lima
13954.0	Mike
6982.5	Whiskey
6962.5	X-ray
4052.5	Yankee
4023.5	Zulu

Thanks to the Northern Alberta Radio Club (<http://narc.net>) for the above information.

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*Chile
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Navy
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Frequencies (LSB/ALE): 9818.0 12103.0

ALE Addresses: FLC TAC

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*Czech Republic
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Military Net Frequencies(CW): 2362.0

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*Denmark
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Air Force
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Frequency/Designator Matrix (USB/ALE)

2250.0 OWC/OWD/OWE/OWF/OWI/OWK/OWP/OWU/OYG (U12/ALE)
2296.0 OWB (L96-Alternate Night)
2531.0 OWF/OWI/OWK/OWP (ALE)
3023.0 OWB (Alternate)
3053.0 OWB (L18-Primary Day)
3291.0 OWD/OWE
4577.0 OWB (F18-Alternate Day)
4703.0 OWB/OWD/OWE (V26-Alternate)
4756.5 OWD/OWE
4840.0 OWC/OWD/OWE/OWF/OWI/OWK/OWP/OWU (ALE)
5120.0 OUY/OWC/OWD/OWE/OWF/OWI/OWK/OWP/OWU (ALE)
6630.0 OWD/OWE
6651.0 OWB (K19-Primary Day)
6730.0 OWD/OWE (P75)
6770.0 OWB (Alternate)
6834.0 OWB (Alternate)
9034.0 OWD/OWE (R27)
9933.0 OWE/OWF (ALE)
11076.0 OWI/OWJ (ALE)
11217.0 OWD/OWE
11244.0 OWD/OWE (A10)
11468.0 OWE/OWG (ALE)
12186.0 OWE/OWG/OWP (ALE)
13435.0 OWD/OWE/OWG/OWP (ALE)
13455.0 OWI (ALE)
15043.0 OWD/OWE (A11)
15820.0 OWC/OWE/OWF/OWG/OWI/OWK/OWP (ALE)
16280.0 OWD/OWG (ALE)
16327.0 OWF/OWG/OWU (ALE)

Station List:

OUY Unknown
OWB RCC Karup, voice call: Karup Rescue
OWC Unknown
OWD FSN Vaerloose, voice call: Saloon
OWE FTK Karup, voice call Primrose
OWF AF Skrydstrup
OWG AF Vandel
OWI AF Air Base Aalborg
OWJ AF Tirstrup (tentative ID)
OWK AF Headquarters Vedbaek
OWP Unknown

OWU Unknown
 OYG Mestersvyg, Greenland

The SAR services at Karup also use the worldwide allocations of 2182 and 5680. Another frequency in this system may be 13540. Frequency designators from the Dansk Scanner Information website (<http://www.dkscan.dk>). Station identifiers courtesy of Ary Boender.

Navy

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Frequencies (CW): 4637.0
 Frequencies (CW/RTTY): 18281.0 (OVK)

Station List:

OVA Stevns, Denmark
 OVC Groennedal, Greenland
 OVG Unknown
 OVK Aarhus (Navy)

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*Ecuador

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Navy

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Noted during June 03 UNITAS-03 exercise
 Frequency (USB/ALE): 7900.0

Station List:

COOPNA Naval Operations Command (Comando Operaciones Navale)
 CFF Commander Frigate Force (Comando Fuerza Frigata)
 CORMAN Corbeta Manabi (CM 12)
 CORGAL Corbeta Los Galapagos (CM 15)
 CORORO Corbeta El Oro (CM-14)
 CORESM Corbeta Esmeraldas (CM 11)
 LAMCUE Launcha Missileria Cuenca (LM 24)
 HALCON Type B 119 class PG "Halcon"

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*France

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Air Force

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French Air Force Circus HF radio network

Frequency/Designator Matrix (USB)

6869.0 Veilleur-Taverny working AWACS aircraft USB/Secure voice
 6712.0 Marjolaine 2
 8972.0 Racontar 1
 8992.0 Vinaigrette 3
 13236.0 Reconfort 3 (Raphael?)
 14587.0 Unknown
 18012.0 Citadelle 1
 23254.0 Veritee 3
 ? Citadelle 3
 143.800 MHz (AM mode) Canasta

Station List:

Circus Blanc Bangui, Central Africa Republic
 Circus Bleu Le Reunion, Reunion Island
 Circus Bonne Bordeaux, France
 Circus Citron Cayenne, French Guyana
 Circus Corail Corfu/Taveaux, Greece
 Circus Diamant Dole/Taveaux, France
 Circus Dore Djibouti
 Circus Ebene Evreux, France
 Circus Fraise Fort de France, Martinique

WUN-v10

Circus Lilas Libreville, Gabon
Circus Noir Noumea, New Caledonia
Circus Ocre Orleans, France
Circus Orange Dakar, Senegal
Circus Tango Toulouse/Francazal
Circus Tilleul N'djamena, Chad
Circus Vert CFAP Headquarters, Villacoublay, France
Circus Villa Villacoublay, France

French Air Force Strategic Missions
Frequency (USB): 6688.0 8976.0

Station List:

Capitol COFAS Headquarters Taverny

Digital Net

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3157.9 FDI8-Nice, France Baudot 400/50R
4042.0 FDG-Bordeaux, France Baudot ?/50
4212.5 FDI8-Nice, France CW
4449.9 FDI8-Nice, France CW
4596.0 FDC-Metz, France CW
5214.5 FDG-Bordeaux, France ?/50 baud
5367.0 FDI8-Nice, France Baudot 85/50
5446.5 FDC-Metz, France Baudot ?/50
7850.0 FDI8-Nice, France CW
7859.0 FDY-Orleans, France Baudot ?/50 baud
10671.0 FDG-Bordeaux, France CW
10912.0 FDI8-Nice, France CW
10996.0 FDI22-Narbonne CW

Navy

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Warship Frequencies

2214.0 FUC on 2780.0
2259.0 FUE on 2789.0
4165.6 FUE on 4295.0
6259.0 FUE on 6348.0
8310.6 FUV on 8568.0
8314.6 FUF on 8478.5
8330.6 FUG on 8453.0 (75 or 150 baud)
8334.6 FUX on 8475.5
12369.0 6WW on 12857.0
12374.6 FUX on 12691.0
12398.6 FUV on 13042.5 (may use 75 or 150 baud)
12402.5 FUF on 13031.2
12410.6 FUG on 12666.5 (150 baud)
16559.6 FUF on 16961.5
16595.6 FUV on 16904.9
16598.0 6WW on 16951.5
16607.6 FUG on 17180.0 (75 or 150 baud)

Miscellaneous Frequencies

2436.0 French Navy-Mediterranean USB
3107.0 French Navy-Atlantic (callsign Armor) USB
3896.0 French Navy-Mediterranean USB
5708.0 French Navy-Atlantic (callsign Armor) USB
6760.0 Tactical calls (callsign whiskey Alpha) tentative (USB)

RTTY Net

2608.0 FUC RTTY 850/75
4232.0 FUF RTTY 850/75
6348.0 HWN ITA2/150/UOS encrypted
FUE ITA150
8300.0 6WW RTTY 850/75
8453.9 FUG RTTY 850/75
8475.5 FUX RTTY 850/75
8479.0 FUF RTTY 850/75

WUN-v10

10282.0 FUU RTTY 850/75 and 170/75
10310.6 TLFUU-Toulon clg 1TLFUF-Fort de France USB/MIL-STD 188-141A
10918.6 6WW RTTY 425/50
12666.5 FUG RTTY 860/75
12690.7 RFVIE-Le Port Baudot 850/75
12857.0 6WW Baudot 850/75
13032.0 FUF RTTY 850/75
13042.0 FUV RTTY 850/150
13444.2 RFQP-Djibouti ARQ-E3 400/100
13944.0 RFQP-Djibouti ARQ-E3 400/100
13986.7 RFFA-MOD Paris ARQ-E3 192bd
14585.7 RFPTC-N'Djamena Arq-E3 400/200
16905.0 FUV Baudot 850/75
16915.0 RFVIE-Le Port, Reunion Baudot 850/75
16951.6 6WW RTTY 850/75
16961.5 FUF Baudot 850/75
19216.7 RFLI-Fort de France, Martinique ARQ-E3 380/192 and ARQ-E3
96 bd
19951.5 6WW Baudot 850/75
20555.0 RFFX-MOD Paris ARQ-E3 184.6bd

Station List:

6WW Dakar, Senegal
FUC Location Unknown
FUE Brest, France
FUF Fort de France, Martinique
FUG La Regine, France
FUO Toulon, France
FUV Djibouti, Djibouti
FUX Le Port, Reunion Island

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*Germany
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Air Force
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Update courtesy of Andreas Heymann.

Air-to-Ground Network
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Frequency/Designator Matrix (USB)

3107.0 Alpha
3143.0 Bravo
3903.0 Charlie
4721.0 Delta
5687.0 Echo (Primary net frequency)
5717.0 Foxtrot
6700.0 Golf
6715.0 Hotel
6730.0 India
6751.0 Juliet
8965.0 Kilo
9025.0 Lima
11217.0 Mike
11265.0 November
13203.0 Oscar
13233.0 Papa
15073.0 Quebec
17973.0 Romeo
17991.0 Sierra
18012.0 Tango
23201.0 Uniform
23215.0 Victor (may be 23231, comments please)
23255.0 Whisky
23318.0 X-ray
23341.0 Yankee
23345.0 Zulu

29724.0 Alpha-Bravo

Note: These frequencies are used by DHM91 Munster German Air Force Transport Command headquarters in northern Germany. The primary frequency in this network appears to be Echo on 5687. Stations have been heard discussing frequencies AA, AC, AF and AJ which carry encrypted RTTY transmissions.

Digital System

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DASA/EADS-MAHRS 2400 bd burst PSK/STANAG 4285: 6949.0 6958.5 7543.0
7630.0 7729.0 7810.0 7814.0 7823.0 7995.0 8070.0 8139.0 9051.0
10926.5 11136.5 12273.0 13502.0 14613.5

**Navy

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Frequency/Designator Matrix

2265.9	RTTY-DHJ58	
2625.0	USB-DHJ59	MRL 59/02
3056.0	USB/RTTY-DHJ78/DHJ59	MATELO ARCN
3116.0	USB-DHJ59	MATELO ARCN
3122.0	USB/RTTY-DHJ58/DHM42 (Glücksburg Rescue)	
3590.0	RTTY-DHJ58	
3653.0	RTTY-DHJ58	
3718.6	RTTY-DHJ58	
4047.9	RTTY-DHJ58	
4154.3	USB/3 channel VFT-DHJ59	MRL 59/04
4356.6	USB/RTTY-DHJ58	
4424.4	RTTY-DHJ58	
6727.0	USB/RTTY-DHJ59	MATELO ARCN
6730.0	USB/RTTY-DHJ59	MATELO ARCN 405
6779.0	USB-DHJ59	MRL 59/06
8335.3	USB/3 channel VFT-DHJ59	MRL 59/08
10192.5	USB/RTTY-DHJ59	MRL 59/10
10206.2	USB/Stanag 4285 2400bd PSK-DHJ58	MRL 58/10
10711.0	USB/RTTY	
10722.0	USB/RTTY-DHJ59	MRL 59/11
11090.0	USB/RTTY	F-63
11235.0	USB-DHJ78	
11256.0	USB/RTTY-DHJ59	MATELO ARCN
12178.0	USB/RTTY-DHJ59	MRL 59/12
12415.3	USB/3 channel VFT-DHJ59	MRL 59/13
14722.0	RTTY PSK 600 baud	
15929.0	USB/RTTY-DHJ59	MRL 59/15
16129.0	USB/RTTY-DHJ58	MRL 58/16
17544.0	USB-DHJ59	MRL 59/17
17994.0	USB/RTTY-DHJ59	MATELO ARCN
22238.5	USB-DHJ59	MRL 59/23
23744.0	USB-DHJ59	MRL 59/25

Station List:

Callsign	Unit	Place
DHJ23	NORTHAG	Mönchengladbach
DHJ36	NORTHAG	Mönchengladbach
DHJ37	CENTAG	Heidelberg
DHJ38	Fm/EloAufklRgt 220	Donauwörth
DHJ39	Heeresamt	Köln
DHJ40	HFlgBrig 3	Mendig
DHJ41	LTG 61 FÜGrp 1	Landsberg
DHJ42	LTG 61 FÜGrp 2	Landsberg
DHJ43	JaBoG 32	Lechfeld
DHJ44	III. Korps	Koblenz
DHJ46	I. CATAC et FAFA	Lahr
DHJ47	2. ATAF	Mönchengladbach
DHJ48	4. ATAF	Ramstein
DHJ49	BMVg	Bonn / Berlin
DHJ50	I. Korps	Münster

DHJ51	AfWG	St. Adelgund - Hochheid
DHJ53	MStpKdo	Warnemünde
DHJ54	MarA Landtestanlage	Bremen-Vegesack
DHJ55	HQ 7th (US) Army	Heidelberg
DHJ56	FüUstBrig 900	Rheinbach
DHJ57	Range Naval Radio	Schönhagen
DHJ58	MFmZ - MFmGrp 11	Glücksburg
DHJ59	MFmZ - MFmGrp 21	wilhelmshaven - Sengwarden
DHJ60	KdoTrpVersM Abt. FüMi	Eckernförde
DHJ61	MFms	Flensburg
DHJ62	Naval Port Radio	Neustadt i.H.
DHJ63	Range Naval Radio	Todendorf
DHJ64	DTA MND (C)	Mönchengladbach
DHJ65	UKdo 8	Zweibrücken
DHJ66	Submarine Naval Radio	Eckernförde
DHJ67	HöKdoBeh LW Gefst	Köln
DHJ68	HQ CINCUSAFE	Wiesbaden
DHJ69	JaBoG 31	Nörvenich
DHJ70	MUKdo	wilhelmshaven
DHJ72	4. ATAF	Kindsbach
DHJ73	II. GE/US Korps	Ulm
DHJ74	Kdo 2. LwDiv	Birkenfeld
DHJ75	WBK III / 7. PzDiv	Düsseldorf
DHJ76	MFG 5 Airbase	Kiel-Holtenau
DHJ77	HfFlgRgt 35	Mendig
DHJ78	MFG 3 Airbase	Nordholz
DHJ80	WBK IV / 5. PzDiv	Mainz
DHJ81	PzLehrBrig 9	Munster
DHJ82	Naval Port Radio	Parow
DHJ83	HöKdoBeh LW Gefst	Köln
DHJ84	Naval Radio	wangerooge
DHJ85	PiBrig 20	Minden
DHJ86	Deutscher wetterdienst - MilZentr.	Offenbach
DHJ87	TerKdo Nord	Mönchengladbach
DHJ88	AfWG	Limsdorf
DHJ89	PzBrig 23	Augustdorf
DHJ90	LwUstGrpKdo Nord	Münster
DHJ91	British Army Of The Rhine (BAOR)	Mönchengladbach
DHJ92	CCFFA	Baden - Oos
DHJ93	CENTAG	Pirmasens
DHJ94	4. RCAF Fighter wing	Söllingen
DHJ95	WBK VI / 1. GebDiv	München
DHJ96	3. RCAF Fighter wing	Zweibrücken
DHJ97	Sammelruf --> ALLE Funkstellen des aktuellen Kreises	
DHJ98	JaBoG 33	Büchel
DHJ99	KdoTrpVersM - Testsendungen	
DHM21	Naval Radio	Staberhuk
DHM22	MOS	Bremerhaven
DHM23	HfFlgRgt 26	Roth
DHM24	FüUstBrig 4	Berlin
DHM25	LTrspKdo - FüUstGrp	Münster
DHM27	PzGrenBrig 41	Eggesin
DHM30	SOC	Brokzetel
DHM31	Naval Radio	List / Sylt
DHM33	MArsBetrb	Kiel
DHM35	Jachmannbrücke Radio (MArsBetrb)	wilhelmshaven
DHM36	KdoMFüSys	wilhelmshaven
DHM37	SOC	Uedem - Kalkar
DHM39	PzGrenBrig 38	weißenfels
DHM41	MWas	Kappeln Ellenberg
DHM42	Naval Radio	Glücksburg
DHM43	IV. Korps	
DHM44	GeophysBLtSt Süd	Fürstenfeldbruck
DHM45	MFmStab 70	Flensburg
DHM46	WBK V / 10. PzDiv	Sigmaringen
DHM47	2. ATAF Air Base	weeze - Laarbruch
DHM49	LogBrig 4	Unna
DHM50	LogBrig 2	Germersheim

DHM52	SanBrig 4	Fritzlar	
DHM53	HFlgRgt 36	Fritzlar	
DHM54	LwKdo Süd	Meßstetten	
DHM55	WBK II / 1. PzDiv	Hannover	
DHM56	WBK VII / 13. PzGrenDiv		
DHM57	HFlgRgt 15	Rheine	
DHM58	1. CanAirDiv	Lahr	
DHM60	KLK / 4. Div	Regensburg	
DHM61	PzGrenBrig 1 / VBK 22	Hildesheim	
DHM62	CINCENT	Erbeskopf	
DHM64	Naval Radio	Darßer Ort	
DHM65	MFuSst	Dollerup	
DHM66	MFuSst	Friedrichsort	
DHM67	MFuSst	Hürup	
DHM68		Frankenberg	
DHM70	MFuSst	Schortens	
DHM71	PzBrig 18	Oldenburg	
DHM72	GeophysBltSt Nord	Niederseik	
DHM74	LLBrig 31	Oldenburg	
DHM75	MFuEST	Lütjenholm	
DHM76	MFuEST	Wittmund-Harlesiel	
DHM79	Sammelanruf I. D/NL Korps		
DHM82	Forschungsanstalt der Bw für wasserschall u. Geophys		Kiel
DHM85	MFuSst	Marlow	
DHM88	FmABw bzw. AFmISBw	Rheinbach	
DHM89	2. ATAF Air Base	Brüggen - Bracht	
DHM90	Comms Group	Lahr	
DHM91	LTrspKdo - Leitfunkstelle	Münster	
DHM92	Sammelanruf II. Korps		
DHM95	1. Wing RCAF	Lahr	
DHM97	NL Army	Dillingen	
DHN21	2. ATAF	Rheindahlen	
DHN22	2. ATAF	Rheindahlen	
DHN23	WBK VIII / 14. PzGrenDiv		
DHN24	PiBrig 40 / VBK 41	Lahnstein	
DHN31	Jagdgeschwader 71	Wittmundhafen	
DHN41	GebJgBrig 23 Bad	Reichenhall	
DHN43	PzGrenBrig 37	Frankenberg	
DHN44	Jagdgeschwader 74	Neuburg	
DHN45	PzGrenBrig 32	Schwanewede	
DHN46	SanBrig 2	Ulm	
DHN49	KrvtlSt bei MUKdo	Wilhelmshaven	
DHN51	HFlgRgt 30	Niederstetten	
DHN53	Naval Port Radio	Wilhelmshaven	
DHN54	Fm / EloAufklRgt 320	Frankenberg	
DHN55	UKdo 9	Philippsburg	
DHN60	LwFüKdo	Köln-wahn	
DHN61	DTA LANDCENT	Heidelberg	
DHN62	DTA ARRC	Mönchengladbach	
DHN63	PzGrenBrig 19 / VBK 33	Ahlen	
DHN64	PzBrig 12	Amberg	
DHN65	FmBtl 950 "Radio Andernach"	Andernach	
DHN66	NATO AEW Force Command	Geilenkirchen	
DHN67	FmRgt 920	Kastellaun	
DHN68	St / FmRgt 310	Koblenz	
DHN69	HFlgRgt 16	Celle	
DHN70	FmRgt 990 LANDCENT	Essen	
DHN71	HFlgRgt 25	Laupheim	
DHN72	HFlgRgt 6	Hohenlockstedt	
DHN79	Erprobungsstelle der Bundeswehr	61 Manching	
DHN81	PzGrenBrig 30	Ellwangen	
DHN82	Marineunterwasserortungsstelle	Fehmarn Marienleuchte	
DHN83	HFlgRgt 10	Fassberg	
DHN84	PzBrig 14	Neustadt	
DHN85	PzGrenBrig 5	Homberg - Efze	
DHN90	PzGrenBrig 40 / VBK 86	Schwerin	
DHN92	LwKdo Nord	Kalkar	
DHN95	PzBrig 39 / VBK 71	Erfurt	

DHN99 Fm / EloAufklRgt 940 Daun
 DHO21 LLBrig 26 Saarlouis
 DHO22 Aufklärungsgeschwader 51 Jagel - Kropp (Schleswig)
 DHO23 LTrspGeschw 51 Landsberg
 DHO24 LTrspGeschw 63 FüGrp Hohn (Rendsburg)
 DHO27 JaBoG 49 Fürstenfeldbruck
 DHO28 JaBoG 35 Pferdsfeld
 DHO31 JaBoG 34 Memmingen
 DHO32 LTrspGeschw 62 Wunstorf
 DHO35 MFG 2 Funkstelle Eggebeck (Tarp)
 DHO36 Flugbereitschaft der Lw beim BMVg Bonn / Berlin
 DHO37 LTrspGeschw 62 FüGrp 1 Wunstorf
 DHO38 MFuSst Saterland-Ramsloh
 DHO39 LTrspGeschw 62 FüGrp 2 Wunstorf
 DHO41 NL Air Staff HQ Hesepe
 DHO42 Fm / EloAufklBrig 94 Daun
 DHO43 Kdo 4. LwDiv Aurich
 DHO45 PiBrig 10 Schleswig
 DHO46 Naval Radio Olpenitz
 DHO47 SanBrig 1 Leer
 DHO48 LogBrig 1 Lingen / Ems
 DHO49 PiBrig 30 Hilden
 DHO54 Fernmeldebereich 70 Trier
 DHO59 PzBrig 36 / VBK 64 Veitshöchheim
 DHO60 LTrspGeschw 63 Hohn (Rendsburg)
 DHO61 Pionierschule FSH BauT Percha
 DHO63 4. NLDiv Bergen-Hohne
 DHO64 PiBrig 50 Bogen
 DHO65 LLBrig 25 Calw
 DHO66 Naval Air Operations Center Glücksburg
 DHO67 PiLehrBrig 60 Ingolstadt
 DHO69 Naval Radio Eckernförde
 DHO70 PzBrig 34 Diez
 DHO71 Naval Radio Arkona
 DHO73 Naval Radio Marienleuchte
 DHO74 1. NL Korps Seedorf (Zeven)
 DHO75 Sammelrufzeichen Lufttransportkommando (Collective callsign
 for all the three Air Transport wings)
 DHO76 DTA LANDJUT Rendsburg
 DHO77 JaBoG 36 Rheine - Hopsten
 DHO78 Kdo 3. LwDiv / GAFSC "N" Gatow
 DHO79 Naval Radio Helgoland
 DHO80 Naval Port Radio Olpenitz
 DHO81 Naval Radio Borkum
 DHO82 PzBrig 42 / VBK 84 Potsdam
 DHO83 WBK I / 6. PzGrenDiv Kiel
 DHO85 UKdo 4 Diez
 DHO91 Kdo 1. LwDiv / GAFSC "S" Karlsruhe
 DHO92 FüUstBrig 2 Ulm
 DHO95 Naval Radio Sahlenburg
 DHO99 I. BEL Corps Köln-Weiden

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 *Israel

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 Air Force

=====
 Frequencies (USB/ALE):

5418.0 6840.0 7630.0 7780.0 8100.0 8220.0 8858.0 9227.0 10190.0
 10304.0 10614.0 11491.0 12143.0

Navy (4XZ)

=====
 Frequencies (CW):

2800.0 4241.0 4331.0 5159.0 8101.0 12984.0

=====
 *Italy

=====

Air Force

=====

Frequencies (USB):

IGN-Rome? 10280.0 tactical paired with 6788.0 (Kosovo Relief Ops)
IEY55/IEY56 11272.0

Navy

=====

Frequencies (USB):

IBO Unknown 4530.0
ICM Sigonella 6693.0 6703.0 6752.0 6755.0 8982.0
ICS La Spezia 4438.5 6873.5
ICT Taranto 4474.0
IDR Rome 2270.2 2285.5 3131.0 3146.0 4721.0 5330.0 6205.5 6433.0
6688.0 6708.0 6733.0 6760.0 6880.0 8715.2 8977.0 8981.0 10498.2
10605.7 11250.0 12238.5 12382.0 12471.7 13216.0 13254.0 13455.2
IGJ Augusta 2274.5 3827.0 4168.5 4745.0 8302.5
IGN Unknown 6788.0
IGY Unknown 2272.5 6733.0
INY NATO Unknown 10315.0

CARB Broadcast IGJ/IDR (RTTY): 2463.1 4214.2 8150.8 8429.5

=====

*Lithuania

=====

Military (USB/ALE): 2710.0

=====

*Mexico

=====

Courtesy of Ron Perron and frequency/address updates by Hugh Stegman

Army

=====

Frequencies (USB/ALE): 4650.0 5252.0 5263.0 6955.0 7777.0 8047.0
8050.0 8084.0 9025.0 9060.0 10135.0 10444.0

Station List:

Monitoring indicates that there are at least five categories/ groupings of ALE identifiers used on Mexican Army nets.

Animals 5252.0 5263.0 7777.0 8050.0 10135.0 10444.0
ALE Addresses: Chacal Jaguar Leon (Lion) Lobito (small wolf?) Pantera (Panther) Puma Tigre

Countries 9060.0

ALE Addresses: Espana Espartaco Israel

Minerals/Jewels 4650.0 7777.0 8047.0 8084.0 9060.0 10135.0 10444.0

ALE Addresses: Acero (chrome steel) Aluminio (aluminum) Cobre (copper) Diamante (diamond) J5 Jade Zeta(?)

Miscellaneous 8050.0 10135.0

ALE Addresses: 123 Ganzo (?--possible garble)

Planets 6955.0 9025.0 10135.0

ALE Addresses: Marte (Mars) Tierra (Earth) Universo (Universe) Urano (Uranus) Venus

Regional Net 4650.0 7777.0 9060.0

ALE Addresses: RM5 RM7 RM9 RM10 RM13 RM16 RM17

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*NATO

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DHN66 NATO Geilenkirchen

Frequency/Designator Matrix (USB)

3089.0 Channel A01
 3900.0 Channel A02
 6691.0 Channel A03 (Secondary)
 8980.0 Channel A04
 10172.0 Channel A05
 10315.0 Channel A06 (Primary)
 10429.0 Channel A07
 11229.0 Channel A08
 ? Channel A09
 ? Channel A10
 18009.0 Channel A11

The following frequencies have also been heard with NATO AWACS traffic,
 but designators are not known: 4542.0 4758.0 6700.0 6760.0 6762.5
 8971.0 8986.0 12165.0 23241.0

 =====
 *Netherlands
 =====

Air Force

 =====
 Frequencies (USB): 3990.0 4450.0 5086.0 5406.5 8086.0

Station List:

Bandbox Nieuw Milligan (CRC Radar Control)

Army

 =====
 Frequencies (USB): 2274.0 2954.0 3305.5 3813.5 4762.0 4766.0 5032.5
 5052.5 5115.0 5133.5 5144.5 5323.5 5388.5 5768.5

 Frequencies (RTTY): 2275.5 2955.5 3306.5 3815.0 4763.5 4777.5
 5034.0 5054.0 5116.5 5135.0 5146.0 5325.0 5390.0 5770.0

SFOR deployment

Frequencies (USB): 2552.5 4522.5

Coast Guard

 =====
 Netherlands Coastguard (also in Den Helder) with Coast Guard ships and
 planes

Frequency (USB): 6550.0

Station List:

PBDO Vessel "Zeearend"
 Coastguard 01 Dornier DO 228 Coastguard Plane
 Coastguard 02 Westland Lynx Navy helikopter
 Coastguard 03 Orion P-3C Navy Airplane
 Coastguard 04 Police Helicopter
 Coastguard 05 Police Plane
 Den Helder Rescue RCC
 Pedro 2/4/6 Westland Lynx Navy helikopter
 Pluto 1/3/5 Orion P-3C Navy patrouille vliegtuig

Navy

 =====
 Warship frequencies (to stations PBB/PBC)

Frequency/Designator Matrix (USB)

2121.4 Channel 02A
 2259.4 Channel 02B
 4155.0 Channel 04A
 4161.0 Channel 04B
 4171.5 Channel 04C

6237.5 Channel 06A
6242.0 Channel 06B
8321.0 Channel 08A
8324.0 Channel 08B
8337.5 Channel 08C
12375.5 Channel 12B
16576.0 Channel 17B

PBV NAS Valkenburg
Frequencies: 3128.0 5705.0 8971.0 11178.0

Navy Den Helder "De Kooy"
Ship-to-Shore: 2204.0
Air-to-Ground (Helicopter): 2753.0
PBB CARBs broadcast: 3764.4
PBB RTTY Marker: 2845.0
PBC RTTY Marker: 2474.0

Caribbean Operations Frequencies:
8199.6 PJC
11178.0 PJK

CARB Broadcast
PBB: 6483
PBC: 6358.5 8439 12840.7

Station List:
PBB Navy Den Helder
PBC Goeree Island
PBV NAS Valkenburg
PJC NRN Hato Curacao (Counter-Narco Ops)
PJK Suffisant Curacao (ASW Operations)

=====
*Papua New Guinea
=====

Defense Force
=====
General Purpose Net Frequencies (GPN)

Frequency/Designator Matrix (USB)
3175.0 LGF Secondary
5746.0 LGG Primary
7496.0 LGH Secondary

Station List:
P2A2 Port Moresby
P2A3 Lae

Defense Force Patrol Boats:
Frequencies (USB): 5267.0 7587.0 7767.0 8146.0 9240.0

=====
*Portugal
=====

Air Force
=====
Frequencies (USB): 5687.0 6685.0 8992.0 9007.0

=====
*Russia
=====

High Command ELF
=====
ELF: The Russian equivalent to our now extinct 76/44 Hz ELF submarine
Pagina 695

communication system operates on 82 Hz. No station location or details are known.

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*South Africa

=====

Navy ZRH-Silvermine (FAX 120/576): 4014.0
 Navy ZSJ-Silvermine (MFSK32 54.5 baud): 4014.0 4032.7

=====

*Spain

=====

Air Force

=====

Frequency/Designator Matrix (USB)

5699.0 Channel 1A
 6724.0 Channel 1
 8974.0 Channel 3
 9022.0 Channel 3A
 11211.0 Channel 2
 11235.0 Channel 2A
 13215.0 Channel 5
 13245.0 Channel 5A
 15016.0 Channel 4
 15022.0 Channel 4A
 18003.0 Channel 6A
 18018.0 Channel 6

Station: Madrid (Callsign Vigia)

Station: Zaragoza (Callsign Jota)

3933.0 5702.0 6715.0 6730.0 9014.0? 11262.0 13245.0 15073.0

Special thanks to the Dutch Military Research Group website (<http://www.dutchmil.com/>) for the new information above.

The Spanish Air Force operates a SAR service around the Spanish mainland and from Gando AB in the Canary Islands. They make extensive use of HF for communications during rescue missions and during exercises.

Frequency/Designator Matrix (USB)

2182.0 H24
 3137.0 HN
 4738.5 H24
 6737.0 HJ

The Canarias Rescue Coordination Center (RCC), due to the much larger area they cover, also uses 11406 kHz. They can also be heard on the following frequencies, these are used by request from the network users (USB): 2763.0 3855.0 4790.0 6870.0 9001.0 9437.0

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*United Kingdom

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Royal Air Force (RAF)

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RAF VOLMET Broadcast

Control Point - RAF High Wycombe

Transmitter: Inskip near Preston

Frequencies (USB): 5450.0 11253.0 kHz

Airfield weather broadcast are made twice an hour in the time slots indicated below:

Time Slot 1: H+00/H+30 - Aldergrove, Manchester, Prestwick, London Stansted, Oslo, Cairo, Pristina (+), Gibraltar, Porto, Stavanger

WUN-v10

Time Slot 2: H+06/H+36 - Benson, Brize Norton, East Midlands, Bruggen, Geilenkirchen (+), Hannover, Lyneham, Northolt, Odham, Trondheim, Muscat (+), Salalah

Time Slot 3: H+12/H+42 - Coltishall, Cranwell, Leeming, Leuchars, Lossiemouth, Marham, St. Mawgan, Waddington, Linloss, Shawbury, Coningsby, Thumrait (+)

Time Slot 4: H+18/H+48 - Ascension, Bahrain, Brize Norton, Banjul (+), Dakar, Keflavik, Nairobi, Mombassa, Montevideo, Rio de Janeiro

Time Slot 5: H+24/H+54 - Adana (Incirlik), Akrotiri, Ancona, Aviano, Gioia del Colle, Rimini, Rome/Ciampino, Skopje, Split, Waddington, Bari (+)

The ones suffixed with '+' are additional airfields which are added as required, and have a human voice announcing them, rather than the electronic voice.

Some of these other optional airfields can be included in the broadcast in the possible slots indicated below:

Time Slot 1: Edinburgh, London Gatwick, London Heathrow, Luton, Newcastle, Stavanger, Teesside, Trondheim, Vaerlose

Time Slot 2: Hamburg, Munster, Ramstein

Time Slot 3: Coningsby, Shawbury, Yeovilton

Time Slot 4: Cairo, Hurghada, Jeddah, Punta Arenas, Recife

Time Slot 5: Catania, Faro, Lisbon, Palermo, Rome, Sarajevo

From the RAF Enroute Supplement, the UK equivalent of the US Department of Defense Instrument Flight Rules Supplement (IFR)

*Strike Command Integrated Communications System (STCICS)

Callsign: Voice: Architect CW: MLD or MLP

Transmitter: Chelveston, Northamptonshire, England

Frequencies (USB):

4742.0 5714.0 6739.0 9031.0 11205.0 18018.0 (Group A - see below)
4540.0 5450.0 8190.0 11253.0 13257.0 15031.0 (Group B - see below)
2591.0 11247.0

Group A has the QNH broadcast at H+00 and Airfield color state broadcast at H+30.

Group B has RAF German airfield flying states at H+15 and H+45.

*RAF Flight Watch Centers

Ascension Callsign: Haven

Frequencies: 4742.0 (2000-0800 UTC) 9031.0 (0800-2000 UTC) 11247.0

All frequencies carry a weather broadcast at H+45

Cyprus Callsign: Cyprus

Frequencies: 4742.0 9031.0 (1600-0500 UTC) 11247.0

4742.0 and 11247.0 carry weather broadcast at H+15

Gibraltar Callsign: Gibraltar

Frequencies: 4742.0 9031.0 11247.0

Mount Pleasant, Falkland Islands Callsign: Viper

Frequencies: 9031.0 11247.0

UKADGE HF Line Designator List

=====

How to find which frequencies are active. Listen to the Architect

WUN-v10

weather broadcast at H+00 and H+30 (see above). If the UKADGE circuits are active, there will be an announcement after the weather broadcast with the code-letters for the active frequencies. For example: "Additional information.. 2.. PK.. tack..401C.. tack.. AG" (which is repeated twice).

The first number indicates which Air Defense radar station is active

- 1 - Buchan, Boulmer and Benbecula
- 2 - Buchan
- 3 - Boulmer (has not been heard for many years)
- 4 - Neatishead

The first 2-letter-group is the code for the active HF frequency from the list below. It is sometimes referred to as the 'JAAWSK Frequency' (Joint Anti-air Warfare Shore Co-ordination). It carries most of the voice traffic, including target positions and Beaver details. This channel also carries frequency changes and position reports.

The third group is the Charlie squared channel, where AWACS aircraft pass their radar data over a HF link. Known frequencies are:

- 2250.5 401A
- 33???.0 401B (exact freq unknown)
- 4478.5 401C
- 6673.5 401D
- 8500.5 401E

The final group is known as chick co-ordination, where combat aircraft which are HF-capable can be passed target positions and other information.

In the example above, Buchan is the ADR station, using 5095 khz for voice traffic, the AWACS are using 4478.5 khz, and the chicks are on 4745 khz.

Frequency/Designator Matrix (USB)

A	11205.0	AB	5693.0	AC	8156.0	AD	9010.0
AE	3939.0	AF	9022.0	AG	4745.0	AH	3930.0
AK	3038.0	AP	11181.0	AQ	2396.0	AW	4042.0
AZ	23281.0	B	6739.0	BA	17970.0	BE	18018.0
BF	3083.0	BJ	17988.0	BK	3945.0	BL	11268.0
BS	18000.0	BT	2350.0	BX	8989.0	CA	6736.0
CM	18009.0	CO	23245.0	CY	3119.0	CZ	29800.0
D	4706.0	DA	5436.0	DB	15091.0	DH	15013.0
DM	8998.0	DQ	17995.0	DS	4739.0	DT	18024.0
DW	9031.0	E	3924.0	EA	10512.0	EF	5720.0
EH	11259.0	EI	23270.0	EK	11235.0	EM	15025.0
EN	15076.0	EP	15040.0	EX	11184.0	EZ	11253.0
F	13257.0	FA	3101.0	FG	11208.0	FM	5405.0
FS	4742.0	FT	13218.0	FV	15064.0	FW	3131.0
G	3915.0	GA	15061.0	GD	2274.0	GT	26385.0
H	15031.0	HE	3942.0	HJ	8983.0	HK	9034.0
HM	6748.0	HO	13206.0	HW	11247.0	HX	23257.0
HZ	13248.0	I	13236.0	IN	17982.0	IP	27000.0
J	8980.0	KA	3380.0	KD	3867.0	KH	12057.0
KJ	4718.0	KP	2641.0	KR	4484.0	KT	5420.0
KW	2261.0	KX	2577.0	L	5447.0	LA	3036.0
LB	3092.0	LC	6701.0	LD	15046.0	LE	15072.0
MB	2266.0	MC	5270.0	MD	18850.0	ME	14460.0
MS	3218.0	NJ	5705.0	PA	3302.0	PE	6760.0
PF	10634.0	PH	8971.0	PK	5095.0	PO	6715.0
PR	3864.0	PZ	14724.0	QB	3512.0	QR	8972.0
QV	3095.0	RA	8190.0	RD	6691.0	RE	5178.0
RH	5695.0	RM	3110.0	RZ	9459.0	SA	2762.0
SE	14812.0	ST	2591.0	TG	6724.0	TO	3391.0
TQ	3345.0	TS	5684.0	TW	4709.0	UA	4724.0
UB	10919.0	UR	17979.0	UT	4540.0	VE	11217.0

				WUN-v10		
W	5747.0	WG	3125.0	WM	3026.0	X 3224.0
XA	5403.0	YC	11241.0	YM	13211.0	YP 23250.0
YZ	20030.0	ZF	3763.0	ZZ	5714.0	

Air Northwest JAAWSK (Joint Anti-air Warfare Shore Coordination)

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The RAF (and other NATO forces) seem to be using a new set of codes to identify their HF frequencies.

Frequencies/Unknown designator (USB):

2031.0	2307.0	3343.0	3404.0	3943.0	4502.0
4763.0	5350.0	5392.0	6835.0	6882.0	7919.0
10325.0	10585.0	10830.0	12198.0	14568.0	16344.0

Frequency/Designator Matrix (USB)

3301.0	Golf 01
3235.0	Golf 02
4572.0	Golf 08
9010.0	Hotel 05
HF?	Kilo 01
2712.0	Kilo 04
4530.0	Kilo 05
4020.0	Kilo 06
4724.0	Kilo 07
4860.5	Kilo 08
4920.0	Kilo 09
5173.0	Kilo 10
5277.0	Kilo 11
5290.0	Kilo 12
5395.0	Kilo 13
7415.0	Kilo 14
7860.0	Kilo 15
3305.0	Kilo 17
UHF	Kilo 18
UHF	Kilo 19
UHF	Kilo 20
4785.0	Kilo 22
4779.0	Kilo 24
HF?	Kilo 25
UHF	Kilo 26
UHF	Kilo 27
HF?	Kilo 28 (Beaver HF?)
4477.0	Kilo 30
5045.0	Kilo 31
5385.0	Kilo 33
5463.0	Kilo 34
4012.0	Kilo 36
UHF	Kilo 55
UHF	Kilo 56

Joint Maritime Course Frequencies

=====

Three times a year the Royal Air Force hosts a number of military ships, submarines and aircraft for a series of 2-week exercise around the coast of the UK. This is known as the JMC - Joint Maritime Course.

The forces are split into two opposing forces, and they use an extensive network of HF frequencies for voice co-ordination and encoded data transmissions of radar pictures (known as Link 11). Each HF frequency is given a KJ designator, and these run from KJ01 up to at least KJ50. Some of these frequencies are in the UHF military aircraft band. The tie-up between designator and frequency changes with each JMC course conducted. During some JMC's some designators are on UHF frequencies in one course and on HF frequencies in the next course.

Frequencies (USB):

3343.0	3357.0	3805.0	4477.0	4484.0	4502.0	4778.5	4860.5	5045.0
5091.5	5206.0	5267.0	5276.5	5280.0	5310.0	5385.0	5460.0	5733.0

WUN-v10

5910.0 6224.0 6237.0 6697.0 6779.0 6882.0 6940.0 7795.0 7934.0
9394.0 11149.0

Royal Navy (RN)

=====

Warship Frequency/Designator Matrix (USB)

2487.0 Channel 02 Ships working MTI
2662.4 Channel 02P Ships working GYA/MGJ
2760.4 Channel 02Q Ships working GYA/MGJ
3806.4 Channel 03P Ships working GYA/MGJ
4153.0 Channel 04 Ships working MGJ on 3390 kHz
4153.9 Channel 04P Ships working GYA/MGJ
4879.9 Channel 04Q Ships working GYA/MGJ
6246.9 Channel 06P Ships working GYA/MGJ [was 6242.9 kHz]
8144.9 Channel 08P Ships working GYA/MGJ
8179.9 Channel 08Q Ships working GYA/MGJ
8339.0 Channel 8A? Ships working GYU
12377.9 Channel 12P Ships working GYA/MGJ
12381.9 Channel 12Q Ships working GYA/MGJ
12389.0 Channel 12A Ships working GYU
16550.9 Channel 16P Ships working GYA/MGJ
16566.9 Channel 16Q Ships working GYA/MGJ
22193.9 Channel 22P Ships working GYA/MGJ
25142.9 Channel 25P Ships working GYA/MGJ

Station List:

GYA London
GYU Gibraltar
MGJ Faslane
MTI Plymouth

Northwood FAX Service

=====

Frequencies (FAX): 2617.0 6834.0 8652.0 10576.5 12390.0 14356.0
18261.0

Irish Navy

=====

Frequencies (SITOR-A): 2461.5
Frequencies (CODAN PSK <F7>): 5254.0

*Ukraine

=====

Military Frequencies(CW) 2598.0

*Venezuela

=====

This entire Venezuelan military section below is courtesy of Ron Perron with a few frequencies thrown in by the column editor.

Air Defense Command

=====

Venezuelan Air Defense Command

This net serves various air defense missile sites and surveillance radar units based at/near Venezuelan Air Force bases and other strategic locations.

Frequencies (USB/ALE): 5695.0 7810.0 9065.0 11130.0 13475.0

Station List:

CDDA Air Defense Command Center (Centro de Defensa Aerea)- El Libertador Airbase
GURI Air Defense site at Guri Dam
MENE or Menemauroa Air Defense site
MAR or Maracay Air Defense site
PTOORDAZ or PTO Puerto Ordaz Air Defense site

WUN-v10

GUA or Guasdualito Air Defense site
MARGARITA Isla Margarita Air Defense site
MONTECANO Air Defense site
PTOFIJO or Puerto Fijo Air Defense site

Army

====

General Staff/Command & Control

Frequencies (USB/ALE): 8060.0 9795.0 10600.0 11155.0 12191.0 13449.0

1st Infantry Division

Frequencies (USB/ALE): 8260.0 11625.0 12191.0 13500.0

2nd Infantry Division

Frequencies (USB/ALE): 5760.0 6870.0 7597.0 8060.0 8187.0 9232.0
9052.0 10156.0 11610.0 13449.0

3rd Infantry Division

Frequencies (USB/ALE): 7597.0 8050.0 9232.0 9259.0 10150.0 12191.0
13464.0 13506.0

4th Infantry Division:

Frequencies (USB/ALE): 9795.0 12185.0 13455.0

5th Infantry Division

Frequencies (USB/ALE): 5406.0 6786.0 7399.0 9233.0 9906.0 10115.0
12191.0 14569.0

Station List:

CCM Mobile Command Center-Centro Comando Movil
CGE Army Headquarters (Cuartel General de Ejercito)
CGEJM Venezuelan Army HQs - Mobile - Cuartel General Ejercito
Movil
CLC Local Communications Center (Centro Local de
Comunicaciones) I was carrying the "L" as Logistico, but in
retrospect "Local" seems to fit the context better.
CLM Maintenance Logistics Center (Centro Logistico
Mantenimiento)
CRC Regional Communications Center (Centro Regional de
Comunicaciones)
Mira1 Military Command Element at Presidential Palace
Mira2 Military Command Element at Presidential Palace
Mira3 Military Command Element at Presidential Palace (Palacio de
Miraflores)
PCRC Regional Command Post (Communications) (Puesto de Commanda
Regional Comunicaciones)
PCRM Regional Command Post - Mobile (Puesto de Commanda Regional
Movil)
PNME Riverine Forces River Post
RESERVA1 1st Infantry Battalion - Reserves
RESERVA2 2nd Infantry Battalion - Reserves
RESERVA5 5th Armored Battalion - Reserves
SCLC Subordinate Local Communications Center (Subordinado Centro
Local de Comunicaciones) - I know the "S" doesn't fit
syntactically, but I think it makes sense nonetheless.
SCLM Maintenance Logistics Service Center (Servicio Centro
Logistico Mantenimiento)
SIB Unidentified
SIT Unidentified
SKI Unidentified
TALLERESM Unidentified

Ron thinks the suffixes 1-3 for both MIRA (Army section above) and CUFAN
(National Guard section below) are the same. They may equate to something
like 1= command element; 2= intelligence element; 3= operations element.
Or they could equate to branches of the Armed Services i.e. 1= Army, 2=
Navy; 3= National Guard.

Ron says these equations are based upon his own research and analysis using Spanish-language resources and glossaries. He is relatively certain that the equations for CGE and CRC are correct. According to various sources the Venezuelan Army has divided up the country into 6 Military Regions/Zones. This corresponds nicely to the CRC# identifiers he has seen so far. The other equations are, as he stated are his own derivations, and are ripe for discussion. He hasn't seen enough of the three letter identifiers (SIB, SIT, SKI, etc) to have any equations for them.

National Guard

=====

Frequencies (USB/ALE): 7849.0 9052.0 10272.0 10600.0

Station List:

CGGN Cuartel General de Guardia Nacional-Venezuelan National Guard HQs
 CORE7 National Guard Commander, Region 7-Comando Region 7 (there are 7 National Guard regions.
 CUFAN Unified Command of National Armed Forces-Comando Unificado de la Fuerza Armada Nacional
 CUFAN1 Unidentified sub-element of CUFAN
 CUFAN3 Unidentified sub-element of CUFAN
 CUFAN4 Unidentified sub-element of CUFAN
 CUMANA Cumana Airfield or Cumana City
 C5F Asuntos Civiles (Civil Affairs) C5
 DESTAFAC23 Destacamento 23 de las Fuerzas Armadas de Cooperación-Detachment 23, National Guard
 PORLAMAR Destacamento de Apoyo Aereo #7, Air Support Detachment #7, Parolmar Airport)
 VARGAS HQs Commando de Vigilancia Costera, La Guaira, Estado Vargas

NOTE:

1. Commando de Vigilancia Costera is the naval component of the Venezuelan National Guard. There are seven detachments of the Vigilancia Costera and four detachments of the Vigilancia Fluvial (River Forces)

2. Commando de Apoyo Aero is the air component of the Venezuelan National Guard

Navy

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Frequencies (USB/LSB/ALE): 6890.0U 6895.0U 7849.0U 8260.0L 8825.0L
 8500.0U 9017.0L 9190.0U 9350.0L 10272.0U 10600.0U 10650.0L
 12546.0L 13500.0U 14790.0L 19200.0U 20400.0L

Station List:

Armario Puerto Cbella Naval Base (named after Agustin Armario de Puerta Cabella)
 BDIRCO Battalion de Ingenieros de Combata (Combat Engineer Battalion)
 BNA Naval Base "Amario"
 BNF Naval Base "Falcon"
 BNG Naval Base "Guterrez"
 BNARCO Commando, Basa Navale Amario
 BRION Frigate, "Almirante Brion", F-22
 CANCO Unidentified
 CAPANA Capana-class Medium Landing Ship "Capana", T-61
 CGA Navy HQs, (Cuartel General Armada)
 CGARM Navy HQs (Cuartel General de Armada)
 COFFRI1 Commando Fluvial Fronterizo "General de Brigada Franz Riquez Iribarren"
 DCCOP Direccion de Coordinacion Y Control Operacional
 DHD Unidentified
 DHN Venezuelan Navy's Direccion de Hidrografia y Navigacion
 DIVIMCO1 Unidentified
 F21 Frigate Mariscal Sucre

F22 Frigate Almirante Brion
 F26 Frigate Almirante Garcia
 FALCON Base Naval "Mariscal Juan Crisóstomo Falcón"
 GC11 Frigate "Almirante Clemente" GC-11 Venezuelan Coast Guard
 GC12 Frigate "General Jose Trinidad Moran" GC-12 Venezuelan
 Coast Guard
 LLANOS Amphibious Support Ship, "Los Llanos", T-64
 MACABRO Unidentified
 MASCARA Unidentified
 PC13 Constitucion-class Missile craft, "Independencia" PC-13
 PR1 River Patrol Craft "Lago1" PBR-1
 PR2 River Patrol Craft "Lago2" PBR-2
 PR4 River Patrol Craft "Lago 4" PBR-4,
 PUNTABRAVA Oceanographic Support Ship "Punta Brava", BO-11
 REDJEFE Unidentified, literally means "main net"
 RIONEGRO1 Venezuelan National Guard Protector-class patrol craft
 SUCRE Frigate "Mariscal Sucre", F-21
 T61 LST "Capana"
 T63 LSM "Gojaira"
 T64 LSM "Los Llanos"
 T81 Replenishment Oiler "Ciudad Bolivar"
 VARGAS Commando de Vigilancia Costera, La Guaira, Estado Vargas.

Venezuelan Military Unit List:

 2MA6 Special Operations Unit
 2MA8 Special Operations Unit
 4MA0 Special Operations Unit
 5MA0 Special Operations Unit
 BLAZER3411D 3411st Tactical Comms Coy (341st Tac Comms Bn)
 CCM23 Mobile Command Center, 23rd Inf Bde Centro Commando Movil
 CCM33 Mobile Command Center, 33rd Inf Bde-Centro Commando Movil
 CRM7 Commander, Military Region 7
 CUFAN Unified Armed Forces Command

13th Inf Bde
 22nd Inf Bde
 23rd Special Operations & Security Bde
 24th Inf Bde
 25th Inf Bde
 31st Inf Bde
 32nd Inf Bde
 41st Armored Bde
 42nd Armored Bde
 43rd Armored Bde
 51st Jungle Inf Bde
 52nd Jungle Inf Bde
 102nd Motorized Inf Group
 131st Motorized Inf Bn
 222nd Motorized Inf Bn
 224th Motorized Inf Bn
 311th Motorized Inf Bn
 340th Tactical Comms Bn
 341st Tactical Comms Bn
 347th Tactical Comms Bn
 348th Tactical Comms Bn
 349th Tactical Comms Bn
 431st Motorized Cavalry Group
 432nd Motorized Cavalry Group
 433rd Motorized Cavalry Group
 442nd Armored Bn
 501st Hqs Bn
 511th Jungle Inf Bn
 512th Jungle Inf Bn
 513th Jungle Inf Bn
 514th Jungle Inf Bn
 521st Jungle Inf Bn

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GOVERNMENT NETS
 ++++++

*Australia
 ++++++
 Austalian Customs Service
 =====
 Frequencies (USB): 2148.0 5285.0 7960.0 10435.0 13591.0

*UNITED STATES GOVERNMENT LISTINGS
 ++++++

U.S. Government SHARES (Shared Resources)Program
 =====
 SHARES Coordination Network (SCN)

Frequency/Designator Matrix
 4490.0 Channel 3/SCN ALE Net
 4573.5 Alternate frequency for channel 1 voice check-in
 5236.0 Channel 1/SCN Voice Net
 5711.0 Channel 4/SCN ALE Net
 6800.0 Channel 9/SCN BBS Net
 9106.0 Channel 5/SCN ALE Net
 10586.5 Channel XF
 11217.0 Channel 6/SCN ALE Net
 13242.0 Channel 10/SCN BBS Net (G-TOR)
 14396.5 Channel 2/SCN Voice Net
 14898.5 Alternate frequency for channel 2 voice check-in
 15094.0 Channel 7/SCN ALE Net
 17487.0 Channel 8/SCN ALE/STI Net

SHARES coordination stations conduct a weekly SHARES net on the ten SCN channels every wednesday from 1600-1800 UTC.

Large scale annual SHARES exercises are conducted in April, August and December.

SCN Operational Levels

SCN Operational Levels are designed to improve the responsiveness of the SHARES Coordination Network during emergencies. SCN Operational Levels are defined as follows:

Operational Level 3 - Conditions normal. No emergency exists. The ten-channel SCN may be used by SHARES station personnel for training and non-emergency operations.

Operational Level 2 - Emergency potential exists. Non-emergency operations on the SCN suspended. SCN monitoring increased. Check-in windows established on the national and regional nets to receive Stations Availability Reports.

Operational Level 1 - Emergency exists. SHARES message support required. National and regional nets maintain full-period operations to receive Station Availability Reports, to list SHARES message traffic, and to coordinate the processing of SHARES messages.

U.S. Immigration and Customs Enforcement (ICE)
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The COTHEN (Customs Over the Horizon Enforcement Net) HF radio system has replaced the older JTF designated systems and those frequencies / designators have been removed from this list.

5732.0 Scan 1
 7527.0 Scan 2
 8912.0 Scan 3

10242.0 Scan 4
 11494.0 Scan 5
 13907.0 Scan 6
 15867.0 Scan 7
 18594.0 Scan 8
 20890.0 Scan 9
 23214.0 Scan 10
 25350.0 Scan 11

Confirmed HF COTHEN stations and callsigns:

KAE 315 Miami, Florida
 KAE 326 Las Vegas, Nevada
 KAE 371 Boston, Massachusetts
 KAE 378 Reno, Nevada
 KAE 381 Homestead, Florida
 KAE 384 Wilmington, North Carolina
 KAE 388 Riverside, California
 KAE 398 Washington, District of Columbia
 KAE 462 Houston, Texas
 KAE 470 New Orleans, Louisiana
 KAE 484 Denver, Colorado
 KAQ 687 Beaufort, North Carolina
 KAQ 688 New Bern, North Carolina
 KEB 762 Albuquerque, New Mexico
 KEB 765 Myrtle Beach, South Carolina
 KOQ 434 Morehead City, North Carolina
 KOQ 682 Cedar Rapids, Iowa
 KPS 357 Salt Lake City, Utah
 KPS 387 Hampton, Georgia
 KPS 394 Cape Charles, Virginia
 KPS 395 Atlanta, Georgia
 KPS 396 Memphis, Tennessee
 KZP 602 Oklahoma City, Oklahoma
 KZP 604 Nashville, Tennessee
 KZP 606 Kansas City, Missouri

There are two other known stations in the COTHEN HF net we do not have calls for. They are located in Lovelock and Fallon, Nevada. Can anyone help on these two stations?

Selected voice calls monitored on COTHEN

15C USCG HH-60J
 18C USCG HH-60J
 38C USCG HH-60J
 F35 USCG HU-25
 F39 USCG HU-25
 F40 USCG HU-25
 503 USCG HC-130
 718 USCG HC-130
 707 USCG HC-130
 1716 USCG HC-130

U.S. Drug Enforcement Administration

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Frequency/Designator Matrix (USB)
 5277.0 Alpha (Night DEA Primary)
 5841.0 Bravo
 7300.0 Charlie
 9497.0 Delta
 11076.0 Echo (Day DEA Operations)
 7657.0 Foxtrot
 14690.0 Golf
 18666.0 Hotel (Reportedly returned to FBI in 1995)
 23675.0 India
 14350.0 Lima
 14686.0 Papa (DEA day Primary)
 23402.5 Romeo
 ? Sierra Alpha

? Sierra Bravo
 11073.5 Sierra Echo
 17171.0 Sierra Hotel
 18171.0 Sierra India (Reportedly returned to FBI in 1995)
 19131.0 Sierra Juliet
 ? Sierra Lima

WUN member John Bohn offered some updates to the "Sierra" frequencies listed above, but is looking for the frequency assigned to the 'Sierra Lima' designator. John says that if you have access to an FCC database, try searching for the frequencies assigned to Rockwell International with the following call signs:

KA2XXA Richardson, TX
 KC2XKG Cedar Rapids, IA
 KC2XKJ Newport Beach, CA

The unknown "SB" and "SL" frequencies may be one of the following: 26946.0, 20348.5, 17171.0, 16376.0 and 16341.0 kHz. Rick Baker says that 18971.0 kHz may also be another.

U.S. Federal Aviation Administration

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HF Recovery Communications (RCOM)

The Recovery Communications (RCOM) Program, mandated by a variety of United States national level documents including Presidential Executive Orders and National Security Decision Directives, was established to encompass all FAA emergency command and control communications (C3) systems and projects under one program. Emergency C3 systems are defined as those means of communications that the FAA employs to direct management, operations, and reconstitution of the National Airspace System (NAS) in support of Federal Aviation Administration (FAA), Department of Transportation (DOT), and Department of Defense (DOD) missions during national disasters or national security emergencies.

The FAA maintains a variety of fixed-position, portable, and transportable C3 communications systems for use in support of emergency operations. One such commonly heard C3 system is the RCOM/NARACS High Frequency/Single Side Band (HF/SSB) Net.

In 1995, the FAA approved the deployment of the RCOM HF/SSB upgrades and a five-year contract was awarded to Eastern Computer Incorporated (ECI) for the purpose of upgrading the FAA RCOM/National Radio Communications System (NARACS) HF network. ECI has installed the RCOM HF/SSB upgrade at all the FAA Region Offices and Emergency Operations Centers, and is the final phases of installing the NARACS/ALE upgrades at all Air Route Traffic Control Centers (ARTCCs).

FAA HF connectivity nets are conducted on Wednesday UTC. The East Coast net meets at 1545 UTC on 8125.0 kHz with KIT 88 as net control. The West Coast net was last reported on 13630.0 kHz at 1845 UTC.

FAA Recovery Communications/National Radio Communications System (RCOM/NARACS) HF SSB Network (U=USB/L=LSB)

Frequencies (including ALE): 5860.0U 6870.0U 6870.0L 7475.0U/L
 7611.0U/L 8125.0U/L 9114.0U/L 11637.0U 13457.0U 13630.0U 15851.0U
 16348.0U kHz

Station List:

ALE Add	Location	Miscellaneous Information
DEFAULT	Unknown	Probably a FAA unit that has not set their ALE ID properly in their unit
FAA	Unknown	Probably not a properly loaded unit, has not been seen as a regular participant on the net
FAAAAL	Anchorage, AK	KDM 53-Alaska Region Office/EOC
FAAAACE	Kansas City, MO	KKU 40-Central Region Office/EOC

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FAAACT	Atlantic City, NJ	KLM	80-william J. Hughes Tech Center
FAAACY	Atlantic City, NJ	WHZ	74-Flight Inspect Field Office
FAAAEA	Jamaica, NY	KJK	82-Eastern Region Office/EOC
FAAAGL	Des Plaines, IL	WHX	51-Great Lakes Region Office/EOC
FAAANE	Burlington, MA	WHX	45-New England Region Office/EOC
FAAANC	Anchorage, AK	WHZ	73-Flight Inspect Field Office
FAAANM	Renton, WA	WHX	20-NW Mtn Region Office/EOC
FAAASO	College Park, GA	KDM	49-Southern Region Office/EOC
FAAASW	Fort Worth, TX	KDM	47-Southwest Region Office/EOC
FAAATL	Atlanta, GA	KLM	44-Flight Inspect Field Office
FAAAWP	Fremont, CA	KMR	96-Oakland ARTCC
FAABTL	Battle Creek, MI	KLM	43-Flight Inspect Field Office
FAADCA	Washington, DC	KEM	80-FAA Headquarters
FAAEIC	Unknown		Eastern Computer Incorporated Contractor for FAA ARTCC RCOM HF Network upgrade)
FAAEKN	Unknown		And this is NOT a stn in Elkins, WV
FAAKLO	Boonsboro, MD	KLO	87-FAA Emergency Relocation Site <Tentative ID>
FAALGT	Longmont, CO	KCP	63-Western US C3 NCS/SCS Mtn
FAAMRB	Martinsburg, WV	KIT	88-Eastern US C3 Net NCS
FAAOEX	Oklahoma City, OK	KIA	21-FAA Aeronautical Center
FAAOKC	Oklahoma City, OK	WHZ	77-Flight Inspect Field Office
FAASAC	Sacramento, CA	WHZ	78-Flight Inspect Field Office
FAASJU	San Juan, PR	KDM	45-San Juan ARTCC
FAAZAB	Albuquerque, NM	KGH	23-Albuquerque ARTCC
FAAZAN	Anchorage, AK	KBX	44-Anchorage ARTCC
FAAZBW	Nashua, NH	KLD	70-Boston ARTCC
FAAZDC	Leesburg, VA	KJK	80-Washington ARTCC
FAAZDV	Longmont, CO	KCJ	70-Denver ARTCC
FAAZFW	Fort Worth, TX	KBQ	25-Fort worth ARTCC
FAAZHU	Houston, TX	KMU	31-Houston ARTCC
FAAZID	Indianapolis, IN	KLB	48-Indianapolis ARTCC
FAAZJX	Hilliard, FL	KJK	79-Jacksonville ARTCC
FAAZKC	Olathe, KS	KKA	82-Kansas City ARTCC
FAAZLA	Palmdale, CA	KJK	77-Los Angeles ARTCC
FAAZLC	Salt Lake Cty, UT	KDC	20-Salt Lake City ARTCC
FAAZMA	Miami, FL	KMA	47-Miami ARTCC
FAAZME	Memphis, TN	KDM	52-Memphis ARTCC
FAAZMP	Farmington, MN	KCJ	20-Minneapolis ARTCC
FAAZNY	Ronkonkoma, NY	KCD	73-New York ARTCC
FAAZOA	Fremont, CA	KMR	96-Oakland ARTCC
FAAZOB	Cleveland, OH	KLA	25-Cleveland ARTCC
FAAZSE	Auburn, WA	WHX	44-Seattle ARTCC
FAAZTL	Hampton, GA	KUV	64-Atlanta ARTCC
FAAZUA	Aurora, IL	KJB	96-Chicago ARTCC

1. FAA Southern Net meets on wednesday at 0900 ET on 6870 kHz LSB
 2. FAA Western Net meets on wednesday at 1230 ET on 13457 kHz USB
 3. FAA Eastern Net meets on wednesday at 1045 ET on 8125 kHz USB
- NCS: KIT88. Regular checkins: KEM80, KLM80, KLO87, KJK82, WHX45, KLD70, KJK80, WHX51, KJB96, KLA25, KLB48, KCJ20, KIA21, KDM49, KJK79, KMA47, KDM52, KUV64

Special thanks to Jack Metcalfe for his assistance in this section.

U.S. Federal Emergency Management Agency

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FEMA National Radio System (FNARS) HF Frequencies

Frequency/Designator Matrix (USB/LSB)

F-01 2320.0	F-02 2360.0	F-03 2377.0	F-04 2445.0
F-05 2658.0*	F-06 3341.0*	F-07 3379.0	F-08 3388.0**
F-09 4603.0	F-10 4780.0**	F-11 5211.0	F-12 5378.0**
F-13 5402.0**	F-14 5821.0	F-15 5961.0**	F-16 6049.0
F-17 6106.0	F-18 6108.0	F-19 6151.0**	F-20 6176.0
F-21 6809.0*	F-22 7348.0*	F-23 7428.0**	F-24 9462.0*
F-25 10194.0*	F-26 10493.0*	F-27 10588.0*	F-28 11721.0
F-29 11801.0	F-30 11957.0	F-31 10899.0**	F-32 11108.0**
F-33 12129.0	F-34 12216.0*	F-35 11545.0	F-36 13446.0*

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F-39 13780.0	F-38 13894.0**	F-37 13935.0	F-48 13956.0
F-41 14450.0	F-40 14567.0	F-42 14776.0*	F-43 14836.0
F-47 14871.0	F-44 14885.0*/**	F-45 14899.0**	F-46 14908.0**
F-50 15708.0*	F-49 15840.0	F-51 16201.0*	F-52 16238.0
F-53 17519.0*	F-54 18483.0	F-55 18744.0	F-57 19969.0*
F-58 20027.0	F-59 20063.0	F-56 20361.0	F-60 21866.0*
F-61 21919.0	F-62 22983.0*	F-63 23028.0	F-64 23390.0
F-65 23451.0	F-66 23550.0	F-67 23814.0	F-68 24008.0
F-69 24282.0	F-70 24526.0*	F-71 24819.0	

* indicates an old FEMA ALE network frequency

** indicated a new FEMA ALE network frequency

Note: It would appear that the designators above have changed and reports on this system would be appreciated.

Jack Metcalfe reported on the last weekend in July 2003 a new series of frequencies for the FEMA ALE net that have replaced the frequencies above. Please note the following frequencies are being used:

10899.0 11108.0 12112.0 13894.0 14885.0 14899.0 14908.0

Other FEMA ALE Frequencies

2414.0 4490.0 5135.0 5711.0 6151.0 7805.0 7806.4 8012.0 8050.0
 9106.0 10899.0 11108.0 11217.0 12112.0 11957.0 13984.0 15094.0
 17487.0 20107.0 22953.0

The information below was published in official MARS documents that are openly available on several internet websites. According to these MARS documents these designators are to be used by the membership in order to provide some sort of security for the FEMA National Emergency Coordination Net (NECN). The various MARS branches are suppose to use the designators below instead of announcing frequencies on the air.

Designator	Frequency	Mode
FEMA-1U	5211.0	USB
FEMA-1L	5211.0	LSB
FEMA-2U	10493.0	USB
FEMA-2L	10493.0	LSB
FEMA-3U	14567.0	USB
FEMA-3L	14567.0	LSB
FEMA-4U	13956.0	USB
FEMA-4L	13956.0	LSB

Other FEMA HF Assignments

2220.0 2258.0 2280.0 2317.5 2652.0 3206.5 3224.0 3342.5 4018.5
 4023.5 4031.5 4441.5 4598.5 4608.5 4883.5 4886.5 5303.5 5379.5
 5935.0 6804.5 6996.5 7361.5 8051.5 8161.5 9122.5 10871.5 11995.5
 12112.0 12250.5 13451.0 16315.5 17461.5 17481.5 17501.5 20414.0
 20444.5 20447.5 24060.0 24105.0 24135.0 24160.0 24191.0

Also published on open internet websites the following callsign list. MARS has now assigned callsigns listed below to the FEMA Mobile Emergency Response Support (MERS) Detachment Stations.

- A. FEMA REGION 1:
 - AAN1FMA, MAYNARD, MA
 - AAN1FMB, MOBILE
 - AAN1FMC, MOBILE
 - AAN1FMD, MAYNARD, MA
- B. FEMA REGION 3
 - AAN3FMA, MT. WEATHER, VA
- C. FEMA REGION 4
 - AAN4FMA, THOMASVILLE, GA
 - AAN4FMB, MOBILE
 - AAN4FMC, MOBILE
 - AAN4FMD, MAYNARD, GA
 - AAN4FME, MAYNARD, GA
- D. FEMA REGION 6

AAN6FMA, DENTON, TX
 AAN6FMB, MOBILE
 AAN6FMC, MOBILE
 AAN6FMD, DENTON, TX
 AAN6FME, DENTON, TX
 AAN6FMF, DENTON, TX
 AAN6FMG, DENTON, TX
 E. FEMA REGION 8
 AAN8FMA, DENVER, CO
 AAN8FMB, MOBILE
 AAN8FMC, MOBILE
 AAN8FMD, DENVER, CO
 F. FEMA REGION 10
 AAN0FMA, BROTHELL, WA

Scheduled Government HF Nets

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Here is a list of the known United States Government nets.

++Federal Aviation Administration++

Southern Region Net meets on wednesday at 0900 ET on 6870.0 LSB
 Eastern Region Net meets on wednesday at 1045 ET on 8125.0 USB
 Western Region Net meets on wednesday at 1230 ET on 13457.0 USB

Note: I have not monitored these nets in some time. If no reports are received in the near future I will remove them from these listings-LVH

++Federal Highway Administration (FHWA) Region 7 Coordination Net++

This net starts at 1000 ET every wednesday using the following times and frequencies (last heard 20 Aug 2003):

Time(H+min)	Freq Desig	Freq (kHz)
H+00	F-14	4821.0
H+10	F-02	5255.0
H+20	F-03	7419.5
H+30	F-04	9197.0
H+40	F-05	10891.0
H+50	F-42	13434.0
H+60	Net Terminated	

++Missouri State Emergency Communications Net++

Wednesday weekly net at 0930 CT (1530 winter/1430 summer UTC) on 5140.0 kHz USB.

++New Hampshire Emergency Operations Centers++

Here's what Ron Perron has compiled on the New Hampshire Emergency Operations Center net. It is stuff that Jack Metcalfe, Mike Chace and Ron have all posted. Jack did the original work on the frequencies and ALE addresses. The net just grew from there as we listened in.

Frequencies (USB/ALE): 2414.0 5135.0 5136.6 5192.0 5193.4 7805.0
 7806.4

Station List:

BE1RL Berlin EOC
 CE1NT Centerville EOC
 CO1NC Concord EOC
 HI1LL Hillsborough EOC
 KE1EN Keene EOC
 LA1NC Lancaster EOC
 MI1LF Milford EOC
 NA1SH Nashua EOC
 PE1TE Peterborough EOC
 RO1CH Rochester EOC
 WPFJ625 New Hampshire State EOC, Concord NH

++Ohio Disaster Services Agency++

Tuesday weekly net at 1400 UTC on 4640.0 kHz USB.

Anyone else have any scheduled HF government nets they are aware of?

++Shared Resources (SHARES)++
SHARES Coordination stations conduct a weekly net on all ten SCN frequencies (see US Government SHARES Program section below). The net is operational weekly on wednesday from 1600-1800 UTC.

-30-

NUMBERS & ODDITIES

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////////////////////////////////////// \\//////////////////////////////////////
- Editor: Ary Boender ***** e-mail: ary@luna.nl -
- Nickname on IRC channels #wun #monitor #numbers: Ary-B -
-
- Download the complete N&O newsletter from the N&O web site -
- http://home.luna.nl/~ary/ -
-
- Online database: Chris Smolinski <csmolinski@erols.com> -
- http://www.spynumbers.com/numbersDB/ -
\\\\////////////////////////////////////// //////////////////////////////////////
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-::: N&O #77, September 2004 :::-

Editing the WUN CD, study, work and other obligations are seriously limiting the time that I can use to write my columns. It is therefore unlikely that N&O will be published in October. For this edition I've got info and logs from Attu, Pat, Fritz, Wolfgang, Tomonori, Al, Tom H, Robert, Costas, Jochen, Hugh, Leif, Rimantas and Tony. Thanks for that gentlemen!

-0-0-0-0-0-0-0-0-0-0-

* VOICE STATIONS *

::: E03

Lincolnshire Poacher's IDs in the first half of the month. Compiled by Al.

UTC	Mon	Tue	wed	Thu	Fri	Sat	Sun	UTC
1200	18679	18679	18679	18679	18679	18679	18679	1200
1300	54965	54965	54965	54965	54965	54965	54965	1300
1400	82666	69501	02018	58910	18679	12860	66309	1400
1500	66309	82666	69501	02018	58910	18679	18519	1500
1600	18519	66309	82666	69501	02018	58910	12860	1600
1700	12860	18519	66309	82666	69501	02018	18679	1700
1800	18679	12860	18519	66309	82666	69501	58910	1800
1900	58910	54965	12860	54965	66309	82666	54965	1900
2000	54965	18679	54965	18519	54965	66309	02018	2000
2100	02018	58910	18679	12860	18519	54965	69501	2100
2200	69501	02018	58910	18679	12860	18519	82666	2200

Second half of the month.

UTC	Mon	Tue	wed	Thu	Fri	Sat	Sun	UTC
1200	49795	49795	49795	49795	49795	49795	49795	1200
1300	58203	58203	58203	58203	58203	58203	58203	1300
1400	80904	62733	23869	93761	49795	21339	09931	1400
1500	09931	80904	62733	23869	93761	49795	71111	1500
1600	71111	09931	80904	62733	23869	93761	21339	1600
1700	21339	71111	09931	80904	62733	23869	49795	1700
1800	49795	21339	71111	09931	80904	62733	93761	1800

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1900	93761	58203	21339	58203	09931	80904	58203	1900
2000	58203	49795	58203	71111	58203	09931	23869	2000
2100	23869	93761	49795	21339	71111	58203	62733	2100
2200	62733	23869	93761	49795	21339	71111	80904	2200

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::: E04 (E03a)

Cherry Ripe's IDs in the first half of the month. Compiled by Tomonori.

UTC	Sun	Mon	Tue	wed	Thu	Fri	UTC
2200	20751	83282	70807	70159	83282		2200
2300	83282	70807	70159	83282	24124		2300
0000		70807	70159	83282	24124	45029	0000
0100		70159	83282	24124	45029	09797	0100
1000		83282	24124	45029	09797	20751	1000
1100		24124	45029	09797	20751	83282	1100
1200		45029	09797	20751	83282	70807	1200
1300		09797	20751	83282	70807	70159	1300

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::: E10

At the time of writing only one string has been reported:

3360 kHz, 1945 UTC, 7 Sept: VLB 91

Robert Swartz checks in with a note about long running messages; messages that are repeated day after day at the same time.

"At that time, the apparent winner was a message from YHF that may have ran from as early as 1999-12-31 to as late as 2000-03-20; 68 FYSTL.

As a new entry for the title, I would like to submit 29 AONZA from ULX that was first heard on 23 March 2004 at 0230z still there, approx 165 days.

Interestingly enough, this schedule has a daily repeat at 2000z. Jochen "the Kopf" reported 29 AONZA on 28 March and 28 June on the 2000z schedule.

Repeats by ULX at 0230z and 2000z have been noted as early as 21 January 2004 when 111 DSAEQ was also a daily repeat. No earlier 0230x and 2000z daily repeats can be confirmed. Wonder how long it will last."

Keep us posted, Robert !

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::: s17C

Active as ever and since 1 September on 5301 and 8190 kHz with its daily broadcast at 1250 UTC.

<<<<<>>>>

::: v02a

V02/M08 have been of the air for a while after a hurricane hit Cuba. Radio Havana has had a lot of technical problems too.

* MORSE STATIONS *

::: MX

"P" experienced some problems on 5982 kHz on 16 Sept. It transmitted "PW" for a while. The marker was regularly interrupted by messages from RDL.

The "L", "R" and "V" markers were audible throughout the month on their usual frequencies.

All cluster beacons have been heard in September, some daily, others only a couple of days.

<<<<<>>>>

::: M22 UPDATE

A 4XZ update was received from Fritz. Before we kick off, I have two remarks with regard to the update:

It is believed that like many other countries, Israel is using the CW station as training and backup facility.

Re the Central European remark in Ad.1: There are rumours that 4XZ is using the Russian relay center in Khiva, but this has never been confirmed, not officially and not by df's.

Ary

The update.....

4XZ is - officially - operated by the Israeli Navy in Haifa. Whether this really is the case may be questioned however. Its workload is evenly distributed and there are no fixed schedule transmissions for weather like those of CIS Navy. It is hard to believe the Israeli Navy uses an outdated and slow protocol like the WMO FM46-IV.

ENIGMA named 4XZ M22 and E2K published the last profile in January 2003. WUN's profile appeared in N&O Nr.14 in 1999 with an update in December 2002. 4XZ did not change its habits for years. Some additional and updated observations follow here. I used my own loggings and those in N&O. Ary Boender kindly delivered his valuable old 4XZ logs.

1. Transmitters and frequencies

It is not clear, whether all transmissions originate from Israel. Some simple comparisons of propagation would support this assumption for Central Europe. 4XZ operates 2 broadcasts in CW. Traffic seems to be completely software controlled. Speed is adapted if time is running short, frequencies sometimes vary up to 2 kHz.

Actually the following schedule is 24/7 in use:

Broadcast 1: 2800//4241//5159//8103//10046//12984
Broadcast 2: 2680//4331//6379

This is a set of standard frequencies. Additional frequencies sometimes show up for days/weeks and replace or complete the set. They may be used again after many years or may be „new“. Only once however I have seen a time coincidence - the same frequency was used for 3 days again the following year. 4XZ uses Radio Amateur bands as well, but reluctantly disappeared upon complaints.

This rough graphic shows the development of 4XZ's frequencies. Only regularly used frequencies are mentioned. 4XZ kept the low frequencies

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over many years, but abandoned all regular frequencies above 12984 kHz in Jan. 2001. A compilation of nearly all frequencies logged so far is available on request.

87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04
							2680										2680
							2800										2800
4241																	4241
	4331																4331
														5159			5159
							6379										6379
															8103		8103
							8437										8437
														9256			
							10046										10046
														10356			
																	12984
							14544	14544									
																	14648
																	16034
							17050										17050
																	18482
							19657	19657									

2. Transmission formats

Both broadcasts use the same formats. Around 9 out of 10 messages are encrypted 5LGs, weather 5FGs and service messages are very rare catches.

2.1. Idling format

vvv de 4XZ 4XZ = = Rptd if no traffic
 vvv de 4XZ 4XZ = = + + Traffic follows

2.2. Traffic formats

nw QTC 1 nr 2701 New message 1072 follows

nw rpt nr 2701 Message 1072 will be repeated.
 Normally messages are repeated about 60 min later. If messages are long time runs short and transmission speed is increased. Some messages are repeated twice.

2.2.1. Traffic in offline encrypted 5LG

= = nr 2701 xi v dn8i 009092 ed4k gr 73 = = 5LGx37
 = = nr 2701 xi v dn8i 009092 ed4k gr 73 = = 5LGx37 (repetition)
 = = nr 2701 xi v dn8i 009092 ed4k gr 73 = = + +

Every 40 groups: = = aa gr 04 = =, = = aa gr08 = =, etc

2.2.2. Traffic in Hebrew(?) Morse

= = nr 7701 qc a colc 439092 fw8i wnc = = FLG with punctuations
 = = nr 7701 qc a colc 439092 fw8i wnc = = FLG with punctuations
 (repetition)
 = = nr 7701 qc a colc 439092 fw8i wnc = = + +

2.2.3. Surface analysis/prognosis in WMO FM46-IV coding

= = nr 6701 qc z wt6d 038092 ks5x wnc = = 5FG

= = nr 6701 qc z wt6d 038092 ks5x wnc = = 5FG (repetition)
 = = nr 6701 qc z wt6d 038092 ks5x wnc = = + +

Weather messages are sent about 5 wpm faster than the other formats.

2.2.4. Service messages

re4p re4p re4p QSL nr 261 = = + +

ow7e ow7e ow7e nr 5011 to 8011 , 4111 to 7111 QQL = = + +

2.2.5. Interruption of traffic in process

sri sri sri vvv de 4XZ 4XZ vvv de 4XZ 4XZ = = + + nw QTC 1 nr 896
 (new msg)

These messages interrupt traffic at any time; even right in the middle of a 5LG. The concerned message is repeated later on. As service messages are very rare I could not discover, why the transmissions have been stopped. Wrong sequence? Faulty transmission? Urgent message to follow?

3. Traffic load

The monthly amount of traffic is evenly spread and quite stable.
 Broadcast 1: about 40 messages/day, about 1200/month
 Broadcast 2: about 16 messages/day, about 500/month

4. Message preambles

= = nr 2701 xi v dn8i 009092 ed4k gr 73 = = ekeke wnhit (5LGx35)

2701 Message number 1072 (in reverse order)
 Is reset to 1 the first day of the month.

xi Format: LL
 Purpose unknown, same set is used several times a day and at a later date again.

v Format: L
 Identifier: A Message in Hebrew Morse follows
 V Message in 5LG follows
 Z Message in 5FG (weather) follows

dn8i Format: LLFL (exception: LLLL)
 Purpose unknown, same set is used several times a day, but never observed again at a later date (database too small).

009092 Date/msg preparation time (in reverse order)
 29 Day
 0900 LT (UTC+3/+4, Israel observes DST)
 A whole series of messages may be sent with same time.
 Messages may be delayed many hours before transmission.

ed4k Format: LLFL (exception: LLLL)
 Purpose unknown, same set is used several times a day, but never observed again at a later date (database too small).

73 Group count 37 (in reversed order).
 Group counts observed between 7 and 185.
 wnc is sent instead of the group count for message formats 2.3. and 2.4.

ekeke First 5LG only contains two letters, normally first and forth of ed4k group.

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In message format 2.3. first group normally is „onden“.

wmhit Second 5LG is same as last one, completeness of message is checked.

For further investigation it doesn't matter whether the whole preamble is sent in reversed order or only parts of it (which is unlikely).

The service messages do refer to the two LLFL groups. One may assume they contain encrypted information about sender and addressee, which is changed daily. Otherwise there would be many Thousands of addresses and this is unlikely. Both groups are split into LL and FL elements. Very often one of these elements can be found the same day in the second LLFL group. My database of 4XZ preambles is not big enough to tell more about the repetition rate of these two groups.

Only 4XZ broadcasts encrypted addressees. All Navy stations I know about use „normal“ QRAs, even though we cannot assign them to a certain ship. I would be surprised, if 4XZ indeed belongs to the Israeli Navy.

In this connection it would be interesting to learn more about the contents of those Hebrew Morse messages. All my amateurish attempts to translate character by character with several Hebrew alphabets failed pitiful...

Fritz

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::: M89

Attu copied two Chinese naval stations with their typical call-up:

V BFR7 BFR7 BFR7 DE 4XML 4XML	5755 kHz
V KD2N KD2N KD2N DE AI8W AI8W	6828 kHz
V CP17 CP17 CP17 DE L9CC L9CC	7076, 7082.5, 7092 kHz
V XY5V XY5V XY5V DE 4PPW 4PPW	8046 kHz. In May logged by Attu on 3845 kHz but erroneously noted as XYHV

-0-0-0-0-0-0-0-0-0-0-

* VARIOUS MODES *

::: X06 / M42

The jolly Mazielka tones have been observed on:

6850.4 kHz, 2301 UTC, 17 Sept.
9105.0 kHz, 2000 UTC, 7 Sept.
10205.0 kHz, 2000 UTC, 7 Sept.
11093.0 kHz, 2000 UTC, 7 Sept.
15828.0 kHz, 1623 UTC, 14 Sept.

Digital transmissions:

8079.0 kHz, 2020 UTC, 4 Sept, Mode: Baudot 200.33Bd
Russian intelligence. Null message to 162.
10165.0 kHz, 2100 UTC, 4 Sept, Mode Baudot 200.33Bd
Russian intelligence. Null message to 162.
10198.5 kHz, 1212 UTC, 12 Sept. Dept of State Comms, Moscow.
Mode: PSK + MFSK, switching between 25-tone parallel tone
PSK-modem and 32-tone/40Bd MFSK, Crowd36.

<<<<<>>>>

S28 - the Buzzer on 4625 kHz.
Note: the typical hour tone has disappeared.

S30 - the Pip on 3756 kHz and also on 7512 kHz. The latter could be an harmonic but sounds like it is a separate transmission.

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XSW - Squeaky wheel on 3828.9 kHz.

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* MILITARY STATIONS *

::: RUSSIA

A couple of months ago we published an article about Russian military stations. An observant reader noticed an error with regards to general call "WLHN" and explains:

"WLHN is the CQ from Moscow to all staff of the army, navy and air force. Before a station (for instance RMP) sends a code word XXX with general call WLHN it has already been sent out by Moscow via the other co-networks to the various staffs.

After a code word transmission you should listen to the known frequencies of the various staffs because they relay a code word within 5 to 30 minutes, depending on the place in the hierarchial structure. The message goes top-down from the General Staff in Moscow to the lowest level: CQ WLHN.

About the priority codes:

SML = samoljot > aircraft

RKT = Raketa > rocket (higher in the hierarchy)"

Thanks, OM. Much appreciated.

Only two logs this time:

11000 RIW wkg RMG89, RHM81, RHV42, RNG48, RGZ58

19304 RIT wkg RMZW, RAL46.

vvv rmzw rmzw rmzw de rit rit qsa k

vvv ral46 ral46 ral46 de rit rit qsa qtc k

followed by a 4FG message = ar

<<<<<>>>>

::: UNID

Not 100% certain, but most likely Russian mil:

4136 kHz: Channel marker "UXUO"

Besides changing the callsign from POCI in August to UXUO, they also changed the schedules.

Schedules:	old	new
	-----	-----
	h+15 to h+25	h+55 to h+05
	h+45 to h+55	h+25 to h+35

Alternative frequency: 3700 kHz.

(info: Attu Bosch)

<<<<<>>>>

::: UNID 2

Logged by Igor: 10284 kHz, 1500 UTC, 23 Sept., hand keyed.

vvv kaw kaw kaw de pol pol pol msg (rptd)

nr 047 nr 047 ck 82 ck 82 = =

5n5u5 47dt4 a5ta3 u6n3n 7744u 553d5 4nddu utda6 4untd ua5tn

t3n7n dt6t6 u75uu 3d6u3 n33d7 3td3n 6tttd 6t767 tud76 d5da6

ann5d dttaa 7n47n tatn3 65tnu t6dat t6aut nntdn dt63d d6t5a

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555td t4ad3 na637 7535a 5uan7 utdu6 347nt 44dd3 d5anu u3t45
3335d tn35u 7n4a5 43u7u 6duna 4au7a ntna6 473u3 63aud t3467
7ndu6 nu553 n3n53 3d6u3 74ud3 46uut t377d 345nt 4n754 a37d4
d7a63 tautu t77du 6dad6 7uta5 dn75n ud3u6 u6ud3 ad35a 574at
aau7u adda6 u5ntu tdu6u 6435t ta734 3tut7 3a6d5 a343u 644tn
34nnn 4tnat
ar ar znn va ee

-0-0-0-0-CONET-0-0-0-0-

UTILITY ROUND-UP #####
Editor: Ary Boender (ary@luna.nl)
Nickname on #monitor & #wun: Ary-B

Hi, it was a weird month. The terrible mass murder in Beslan; the hurricanes in the Caribbean area; floods in Asia.... The SW was full of the news. While working on the WUN CD, I have been listening to the Hurricane Watch net and also to Radio China International and the Voice of Russia for the latest news. It took me back to the days when I discovered SW radio. I was amazed by what I could hear and after almost 25 years, I am still glued to the set when something is going on. CNI is nice, but I think that SW is more exiting :-)

There will be no column in October because my first priority for the next month is to round off the editing part of the WUN CD.

Editing the WUN CD is very time consuming, especially when I decided to scan a number of my UTE QSLs for the CD. It took me a over 10 hours to scan 115 cards :-) Browsing thru the cards and all the dx mail from the past 25 years brought back some great memories!!!

Tips:

- Hurricane watch (see below)
- Ukraine peacekeeping forces in Liberia on 14040, 14045, 14050, 14055 and 21150 kHz USB with family style phone patches.
- The religious pirate from Loretto, Italy, is back with his old HWK7 callsign again on 6998 kHz.

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* HURRICANE RADIO *

A good place to start is Hugh Stegman's Hurricane Frequency List on <http://www.ominous-valve.com/hurricane.txt>

This excellent list covers the civil, military and amateur frequencies that are being used during the hurricane season in the America's. Two frequencies to remember:

- 10493 kHz; National Emergency Coordination Net day primary, also FEMA "Foxtrot-26", and SHARES. Mode: USB+LSB
- 14325 kHz; Hurricane Watch Net. Very busy. It is the primary frequency for both amateur and government stations. Mode: USB

Hugh writes:

"14325 kHz USB is a good all-around frequency, because they read the advisories, and people in the areas give weather observations. News media all monitor this one. The control stations are easy to hear, but some of the people they work aren't. They might be on emergency power and antennas. The only HF presence at the National Hurricane Center is amateur WX4NHC - weather for NHC. First Andrew blew down all the HF antennas at the old NHC, and they were never

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replaced. When they moved to the new quarters, they didn't even uncrate the HF gear. All those Miami Monitor frequencies with the letters are at least 10-15 years gone.

Propagation isn't always real terrific on 20 meters at this point in the year and cycle. DX-Tuner users can go to the Venezuela receiver (an NRD-545!) which worked like a champ last night, when it had been dedicated to monitoring this net and nobody was allowed to change the frequency, not that anyone wanted to because the traffic was excellent.

This net will tell you where health & welfare is being taken, otherwise check SATERN (Salvation Army Team Emergency Radio Net) on 14265.

Control on this net gave last night's local emergency frequencies as 3950 and 7242, both LSB. Local relief typically goes to the lower frequencies. They aren't audible worldwide in day time. Also of course VHF and UHF are used.

US Coast Guard rescue flight following/safety of flight 5696 and 8983 USB. 8156 for Royal Bahamas Defence Force.

SHARES (SHARed RESources) has 20+ agencies and 10 or 11 control net frequencies and a whole lot of discrete frequencies which stay assigned to various agencies which have agreed to pool them for inter-operability. MARS is a heavy user of SHARES. 14396.5 upper AND lower is primary until they lose propagation. They tend to start out on USB and then divide it up and use lower as well if it gets busy. This freq has been active for several days. 5236 upper and lower is primary at night. SHARES takes ALE and PACTOR/G-TOR checks and it's a good place to chase digital because they have "windows" when stations will be on using these modes. They announce the times on the voice net.

Civil Air Patrol is sometimes good. I can't recall all their freqs off the top of my head but they're on all the lists. The best ones seem to be between 4450 and 4630, all USB, or on SHARES.

FEMA has a lot of discretetes, seek and find, otherwise NECN 5211 and 10493 both USB are good places to start. It's also good to chase FEMA ALE, which seems to add new nets and call sign series monthly."

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Ron heard an interesting one on the SATERN frequency 14265 kHz USB at 0005 UTC on 16 Sept.

He says "Honduran individual, HR3AAW, was trying to find out if the airport in the Cayman Islands was open. He is planning to fly an aircraft from Honduras to the Caymans with a load of water and food. He indicated that there were many Honduran workers stranded on the Caymans. His plan was to fly into the Caymans, drop off the food and water and then fly out as many of the Hondurans back home.

He was trying to find out if the airport had fuel available so that he could carry more food and water over there and not worry about having to carry enough fuel for the return flight."

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Coastal station Mobile Radio (WLO) in Alabama was hit by Ivan and lost a couple of antennas but there were no casualties.

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Sheldon Harvey has searched the web for essential hurricane websites and I have selected the most interesting for you:

HURRICANE FREQUENCIES
<http://www.hurricanefrequencies.com/>

2004 HURRICANE FREQUENCIES (HUGH STEGMAN)
<http://www.ominous-valve.com/hurricane.txt>

HURRICANE CITY
<http://www.hurricanecity.com/>

NATIONAL HURRICANE CENTER
<http://www.nhc.noaa.gov/>

ATLANTIC TROPICAL WEATHER CENTER
<http://www.atwc.org/>

FEDERAL EMERGENCY MANAGEMENT AGENCY
<http://www.fema.gov/>

This page has front-page coverage of the agency's efforts for upcoming Hurricane Frances.

CARIBBEAN HURRICANE NETWORK
<http://www.stormcarib.com/>

THE HURRICANE WATCH NET
<http://www.hwn.org/>

AMATEUR RADIO STATION AT THE NATIONAL HURRICANE CENTER
<http://www.wx4nhc.org>

CENTRAL FLORIDA HURRICANE CENTER
<http://images.flhurricane.com/>

SATERN (Salvation Army Team Emergency Radio Network)
<http://www.saturn.org/>

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* SAQ *

Via the ARRL newsletter I learned that Varberg Radio SAQ at Grimeton, Sweden, has been added to the United Nations Educational, Scientific and Cultural Organization (UNESCO) world Heritage List. The only remaining pre-electronic transmitter for transatlantic work, SAQ is maintained in perfect working order.

On 2004 Alexanderson Day July 4, the 80-year-old 200 kw Alexanderson alternator with its multiple tuned antenna, transmitted a celebration message on 17.2 kHz. The message was copied in Europe and on the East Coast of the US. UNESCO said the 1920s vintage radio station in southern Sweden is an exceptionally well-preserved monument to early transatlantic wireless communication. The site includes the transmitter equipment and its associated antenna system, comprised of six 127-meter steel towers and staff housing. There's more information on the SAQ Web site at <http://www.alexander.n.se>

(Source: Carl Henrik Walde, SM5BF via the ARRL newsletter)

-0-0-0-0-0-0-0-0-0-0-

* AERO NEWS *

Good news for the aero monitors: Risto's updated AERO LIST has been uploaded to the WUN files section at <http://www.wunclub.com/archive/files/findex.html>

My compliments, Risto. It is the most complete HF aero radio list that I have seen so far.

Another informative website was introduced by Gerry Busch who sent the following message to the WUN mailing list: "I have prepared a list of the way point names heard in exchanges between San Francisco and flights in the Central East Pacific region, together with their respective geographical coordinates. I also have it as an Excel spreadsheet, but I'm not sure if I'm allowed to upload it to the list, or how, so if you want this info in a spreadsheet, simply highlight the whole list and paste it into your favorite spreadsheet program. It will automatically line up in columns."

Thanks for sharing that with us, Gerry. Don't forget to check out Gerry's website at http://www.csgm.org/kzak/awy/routes_CEP.htm

Here is the list:

Name	Latitude	Longitude	Area
ABNER	34.36'07.30"N	135.42'08.20"W	Offshore Pacific
ABSOL	27.18'14.00"N	150.59'11.40"W	Offshore Pacific
ADENI	29.56'02.30"N	146.08'55.50"W	Offshore Pacific
ALAFU	21.21'37.13"N	155.40'19.94"W	Hawaii
ALCOA	37.49'59.71"N	125.50'04.29"W	California
ALICA	21.34'56.16"N	153.23'07.62"W	Hawaii
ALLBE	37.30'23.00"N	127.00'00.00"W	Offshore Pacific
AMILL	36.34'44.18"N	130.04'10.62"W	Offshore Pacific
ANELE	25.09'42.00"N	154.33'48.00"W	Offshore Pacific
APACK	24.02'37.33"N	156.19'10.35"W	Hawaii
AWAHI	21.06'19.14"N	155.33'21.00"W	Hawaii
AXELE	31.59'06.00"N	141.55'24.00"W	Offshore Pacific
AZIBA	21.17'59.11"N	154.41'18.32"W	Hawaii
BAART	36.27'43.00"N	126.56'00.00"W	Offshore Pacific
BAKON	33.41'55.90"N	135.13'19.00"W	Offshore Pacific
BANDY	26.31'48.90"N	150.27'21.20"W	Offshore Pacific
BEATS	29.06'48.50"N	145.37'18.10"W	Offshore Pacific
BEBOP	36.59'59.79"N	125.00'04.18"W	Offshore Pacific
BILLO	31.10'42.00"N	141.17'24.00"W	Offshore Pacific
BITTA	23.31'40.91"N	155.28'43.81"W	Hawaii
BLUFF	35.38'37.94"N	129.38'08.50"W	Offshore Pacific
BRADR	24.32'36.00"N	153.50'54.00"W	Offshore Pacific
BYROW	20.22'10.04"N	155.03'32.37"W	Hawaii
CHEAK	25.45'50.20"N	149.56'28.30"W	Offshore Pacific
CINNY	36.10'54.00"N	124.45'36.00"W	Offshore Pacific
CITTA	28.18'53.70"N	145.07'09.70"W	Offshore Pacific
CLURE	23.55'00.00"N	153.08'12.00"W	Offshore Pacific
CLUTS	23.00'11.73"N	154.39'17.18"W	Hawaii
COPPI	32.51'05.20"N	134.46'47.30"W	Offshore Pacific
CORTT	30.24'24.00"N	140.42'00.00"W	Offshore Pacific
COSTS	34.46'55.30"N	129.14'32.58"W	Offshore Pacific
CREAN	35.43'54.00"N	126.05'41.00"W	Offshore Pacific
DANKA	24.39'12.90"N	149.11'26.20"W	Offshore Pacific
DENNS	22.21'48.24"N	153.52'50.10"W	Hawaii
DEREC	20.18'44.45"N	155.19'34.31"W	Hawaii
DEROK	26.50'23.20"N	144.12'21.70"W	Offshore Pacific
DIALO	28.42'06.00"N	139.25'36.00"W	Offshore Pacific
DINTY	33.28'58.49"N	122.35'02.38"W	Offshore Pacific
DONER	32.12'26.19"N	128.07'19.65"W	Offshore Pacific
DOPPS	30.38'23.00"N	133.40'19.50"W	Offshore Pacific
DUETS	33.04'10.76"N	124.31'06.48"W	Offshore Pacific
DUFFE	23.09'54.00"N	152.17'42.00"W	Offshore Pacific
EBBER	21.42'48.36"N	153.08'50.22"W	Hawaii
EDSEL	32.14'32.43"N	124.05'54.87"W	Offshore Pacific
EDTOO	32.28'00.12"N	123.00'03.69"W	Offshore Pacific
EKTAS	31.21'33.45"N	127.45'14.04"W	Offshore Pacific
ELKEY	32.41'00.11"N	122.03'03.63"W	offshore Pacific

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ENGIN	26.01'36.60"N	143.43'24.00"W	Offshore Pacific
ERWEN	22.30'06.00"N	151.33'54.00"W	Offshore Pacific
ESCRO	29.47'48.40"N	133.15'25.40"W	Offshore Pacific
ETNIC	27.54'42.00"N	138.51'24.00"W	Offshore Pacific
EXAMS	23.51'52.40"N	148.41'16.40"W	Offshore Pacific
FABBO	23.03'21.00"N	148.10'22.50"W	Offshore Pacific
FADER	25.08'14.00"N	143.12'02.00"W	Offshore Pacific
FANTO	21.44'00.00"N	151.04'42.00"W	Offshore Pacific
FEARS	28.45'36.00"N	132.45'35.50"W	Offshore Pacific
FEZEK	31.47'00.00"N	134.12'00.00"W	Offshore Pacific
FICKY	31.33'27.38"N	121.23'30.47"W	Offshore Pacific
FITES	20.47'40.40"N	153.00'02.28"W	Hawaii
FIZEL	26.59'42.00"N	138.12'18.00"W	Offshore Pacific
FLEXX	29.57'00.00"N	140.23'00.00"W	Offshore Pacific
FONZA	30.15'34.83"N	127.17'32.39"W	Offshore Pacific
FOOTS	31.07'55.41"N	123.32'52.81"W	Offshore Pacific
GALIP	33.55'00.00"N	124.55'03.99"W	Offshore Pacific
GATES	34.12'40.69"N	123.03'59.05"W	Offshore Pacific
HAINA	35.00'00.00"N	141.24'20.00"W	Offshore Pacific
HARRD	33.11'00.02"N	128.31'04.28"W	Offshore Pacific
HEMLO	43.18'08.67"N	126.40'50.41"W	Offshore Pacific
HERZO	30.55'53.00"N	146.47'28.00"W	Offshore Pacific
HOLOT	42.27'03.00"N	128.31'10.00"W	Offshore Pacific
HUMOR	39.35'00.00"N	134.00'00.00"W	Offshore Pacific
MAGGI	21.50'25.91"N	156.57'56.19"W	Hawaii
ODK	57.46'30.09"N	152.20'23.22"W	Kodiak, Alaska
OGG	20.54'23.22"N	156.25'15.47"W	Maui, Hawaii
ONOVY	22.17'04.20"N	154.06'54.44"W	Hawaii
SEDAR	45.30'25.61"N	126.43'02.86"W	Offshore Pacific
SHARK	22.30'54.64"N	156.05'23.02"W	Hawaii
TANFO	21.30'02.85"N	153.45'59.25"W	Hawaii
TOADS	22.46'09.30"N	156.41'45.70"W	Hawaii
WAPPO	21.48'38.86"N	154.55'07.81"W	Hawaii
ZAALE	31.11'12.80"N	150.00'00.00"W	Offshore Pacific
ZANNG	44.05'36.00"N	129.58'42.00"W	Offshore Pacific
ZEFER	41.51'43.70"N	134.28'32.80"W	Offshore Pacific
ZIBUD	38.37'49.00"N	140.00'00.00"W	Offshore Pacific
ZIGIE	24.18'49.30"N	157.17'07.30"W	Hawaii
ZINNO	35.00'00.00"N	145.14'32.00"W	Offshore Pacific
ZURIC	26.01'56.60"N	155.35'21.20"W	Offshore Pacific

<<<<>>>>

Finally, a tip from Canada. Bob found another very useful aero related website where you can find thousands of codes of aircraft and airlines.

<http://www.airlinecodes.co.uk/>

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* AUSSIE UPDATE *

We got a note from down under. Allen Fountain sent an update about the School of the Air and other Australian "outback" stations. The floor is yours, Allan.

"Technical advances have meant these services are phasing out. Satellite systems with two way television capability are now replacing the H.F systems which worked so well for so long.

Gone now are the chat sessions between neighbours on H.F. with the advent of satellite phones and internet. In fact some people in the cities have been heard to comment that people in the outback now have better internet and download speeds etc than is available in more populated areas.

However there are many active H.F. frequencies AUS monitors have available to catch. Among these is the Australian 4 wheel Drive

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National Radio Network on 3995, 5455, 8022 (Primary), 11612 & 14977 with a number of base stations, selcal capability, & regular weather broadcasts, traffic lists and road information slanted to travellers in remote areas.

There is the H.F Radio Club of Australia on 3965, 5135, 7899, 11487 & 14662 Not as formalised as the above but often monitored.

Another less formal group occupy 3810, 5925, 8903.5, 12180 & 14971, they seem a fixed rather than a mobile network.

H.F. radio is also still used by a number of business and government bodies in areas where VHF & UHF communications are not feasible."

-0-0-0-0-0-0-0-0-0-0-

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WUN LOGS COLUMN

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Sep 2004

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Edited by Eddie Bellerby (eddiebellerby@tiscali.co.uk)
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This month was amazing - there were 2540 individual logs sent in. For information only previous months were as follows:-

Jan 2307
Feb 1133
Mar 1798
Apr 326
May 796
Jun 1369
Jul 781
Aug 1037
Sep 2540

Please keep it up ladies and gentlemen. The more logs there are the more idents we can try to make.

- 00016.40 JXN : Helgeland.NOR NN FSK 100/45 2354 N-D .
(24-Ago) (BC)
- 00018.3 HWU : Le Blanch.F FN FSK 200/49 2255 N-D . (11-Ago) (BC)
- 00019.6 GQD : Anthorn Cumbria.G RN FSK 200/0 2214 N-D .
(10-Ago) (BC)
- 00020.9 HWU : Le Blanch.F FN FSK 200/90 1700 N-D .
(10-Ago) (BC)
- 00023.40 DH038 : Saterland/Ramsloh.D GN FSK 200/75 1705 N-D .
(10-Ago) (BC)
- 00024.0 : UNID.UNID CIS MIL FSK 200/75 1708 N-D .
(10-Ago) (BC)
- 00037.5 NRK : Keflavik/Grindavik.ISL USN FSK 200/83 2223 N-D .
(10-Ago) (BC)
- 00040.75 GXH : Thurso.G RN FSK 200/79 2340 N-D . (11-Ago) (BC)
- 00049.0 : UNID.UNID CIS MIL FSK 200/83 2225 N-D .

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(10-Ago) (BC)
00051.95 GYW1 : Crimond.G RN NATO 50/79 2226 N-D . (10-Ago) (BC)
00053.40 TBG : Canakkale.TUR TN NATO 75/79 2230 N-D . (10-Ago) (BC)
00057.40 NRK : Keflavik/Grindavik.ISL USN FSK 100/45 2315 N-D .
(11-Ago) (BC)
00060.0 MSF : Rugby.G TS NON 2220 TS . (07-Ago) (BC)
00061.84 GIZ20 : Inskip.G RN FSK 100/75 2232 N-D . (10-Ago) (BC)
00065.8 FUE : Brest.F FN FSK 200/86 2234 N-D . (10-Ago) (BC)
00075.0 HBG : Geneve Prangins.SUI TS NON 2232 PIP . (10-Ago) (BC)
00081.1 unid: 0544 ITA2/50 encrypted? Jul04 04 ML
00082.75 GYB : London.G RN NATO 75/64 2321 N-D . (11-Ago) (BC)
00100.0 ?? : 0916 unid mode?? counting machine ?? AUG17 04 ML
00135.7 sxv : Spata Attikis (? Or the new hungarian ?) 1003 unid
100/75 29Aug04 (wp3)
00138.85 : UNID.UNID UNID FSK 200/40 2104 N-D . (17-Ago) (BC)
00139.0 dcf39: : BMPT Bonn 1047 ascii/200/9bit hhdcf39hhdcf39hh
29Aug04 (wp3)
00147.3 DDH47: hamburg met 0914 ita2/50 north sea wx AUG17 04 ML
00335.0 cc: am / (08/Sep/2004) (wun)
00490.0 FR.. : Cherbourg.F CROSS NAVTEX [T] 2310 WX/AV 'ZCZC
TA42 AVURNAV CERBOURG 133' (17-Ago) (BC)
00518.0 : Cherbourh.F CROSS NAVTEX [K] 0140 WX/AV 'ZCCZC
KA43 AVURNAV CHERBOURG 137' (29-Ago) (BC)
00518.0 9AS : Split.HRV RADIO NAVTEK [Q] 2240 WX/AV . (12-Ago) (BC)
00518.0 9HD : La Valleta.MLT RADIO NAVTEK [O] 2220 WX/AV .
(28-Ago) (BC)
00518.0 CTV251 : Monsanto.POR PN NAVTEK [R] 2250 WX/AV .
(22-Ago) (BC)
00518.0 EAV : Cabo la Nao/Valencia.E RADIO NAVTEK [X] 2350 WX/AV .
(22-Ago) (BC)
00518.0 FRC : Pointe Corsen/Plouarzel.F CROSS CORSEN NAVTEK [A]
0000 AV (12-Ago) (BC)
00518.0 FRL : Toulon.F CROSS LA GARDE NAVTEX [W] 1940 WX/AV .
(12-Ago) (BC)
00518.0 GNI : Niton.G RADIO NAVTEX [K] 2140 WX/AV .
(10-Ago) (BC)
00518.0 IAR : Roma.I RADIO NAVTEX [R] 2250 WX/AV . (28-Ago) (BC)
00518.0 IQX : Trieste.I RADIO NAVTEX [U] 2320 WX/AV .
(28-Ago) (BC)
00518.0 OST : Oostende.BEL RADIO NAVTEX [M] 0200 WX/AV .
(29-Ago) (BC)
00518.0 SUZ : Serapeum/Ismailia.EGY RADIO NAVTEK [X] 2350 AV .
(11-Ago) (BC)
00518.0 TAN : Izmir.TUR RADIO NAVTEK [I] 0120 WX/AV .
(29-Ago) (BC)
00518.0 ZSJ/ZSC SAN/Cape Town R 0840 fec Navtex (03/Sep/04) (RH2)
01710.0 2BEN: CW / (01/Sep/2004) (Anonymous)
01764.0 LA CORUNA: calling 1930 USB span ee Jun30 04 ML
01767.0 OXZ: lyngby 2007 USB y1 d/x Jul15 04 ML
01915.0 dial: : BMS oceanic 2002 sitor-a tfc to kuewaz cux
26Aug04 (wp3)
02072.1 dbgx: : BG24 Bad Bramstedt 2207 sitor-a tfc to kuewaz
26Aug04 (wp3)
02187.5 212165000: KAPITAN GUSEV Cyprus flag P3BK7 type GEN DSC
28/07(PP1)
02187.5 353838000: IPSWICH WAY Panama flag HPHX GEN DSC
28/07 (PP1)
02187.5 : MRSC Coruña 2000 GMDSS calls MMSI 000000000 for safety test
(?) (22Aug04) (RGA)
02187.5 C6NT6: Bahamas-Registered ship Melody 1945 GMDSS RQs MRCC
Aberdeen SCO for safety check. (25Aug04) (RGA)
02187.5 EAVJ: Spanish ship Chantiero 1942 GMDSS RQs Medusa/EEQG
for simplex telephone call on 3030 khz. (22Aug04) (RGA)
02187.5 ECA6: Madrid MRCC 1904 GMDSS Relays alleged distress
message from illegal MMSI 1272727272 undesignated distress no
coordinates given. (22Aug04) (RGA)
02187.5 ECA7: MRCC Madrid 2004 GMDSS Relays distress message from
illegal MMSI 1272727272 Unspecified. No coordinates. Second

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logging of this same spoof relay which was apparently sent at least four times. (22Aug04) (RGA)

02187.5 EI4835: Irish Fishing Vessel Tannet JE 2036 GMDSS RQs simplex telcon with Irish vessel Golden Feather/EI6008 on 8217.6 kHz. EI6008 BQs. (25Aug04) (RGA)

02187.5 EI6008: Irish Fishing Vessel Golden Feather 1953 GMDSS RQs Jacob/EI3259 for simplex chat on 3020 kHz. EI3259 BQs. (25Aug04) (RGA)

02187.5 EI6008: Irish Fishing Vessel Golden Feather 2008 GMDSS RQs Glenravel/EI3178 for a simplex telephone chat on 2400 kHz. (22Aug04) (RGA)

02187.5 GCCP: British Ship Activity 1916 GMDSS RQs MRSC Milford Haven for safety test. (22Aug04) (RGA)

02187.5 LALH2: Norwegian Ship Century 2006 GMDSS RQs MSCC Italy for safety test. (25Aug04) (RGA)

02187.5 MLHC2: British Ship Aberdonian 1953 GMDSS RQs Bahamian ship Dea Skipper/C6CB5 for simplex telephone call on 2051 kHz. (22Aug04) (RGA)

02187.5 MWGF5: British Ship Bue Rassay 1925 GMDSS RQs MRSC Humber for safety test. (22Aug04) (RGA)

02187.5 OST: oostenderadio 2007 GMDSS BQs Luxembourg (?) vessel Cymbeline/LXCZ for safety check. (25Aug04) (RGA)

02187.5 OXZ: LyngbyRadio DNK 1952 GMDSS BQs British ship Grampian Guardian/MYZK5 safety test. OXZ BQs. (22Aug04) (RGA)

02187.5 OXZ: LyngbyRadio DNK 2003 GMDSS All ships call giving working frequencies for radiotelephone calls. 1734/2078 kHz. (22Aug04) (RGA)

02187.5 OXZ: LyngbyRadio DNK 2040 GMDSS All ships call advising SSB working freqs 1734/ 2078 kHz. (25Aug04) (RGA)

02187.5 SAB: GöteborgRadio SWE 1934 GMDSS All ships preliminary call for MIB/wx on 2182 kHz. (22Aug04) (RGA)

02187.5 V7DM3: Marshall Is Ship Regatta 2009 GMDSS RQs MRSC Falmouth UK for safety check. Falmouth responds with BQ. (25Aug04) (RGA)

02187.5 ZDFM5: British Ship Stenidum 1926 GMDSS RQs LyngbyRadio/OXZ for safety test. OXZ BQs. (22Aug04) (RGA)

02203.5 : NATO Modem 2103 STANAG-4285/USB 600 bps indeterminate interleave - poor synch. (25Aug04) (RGA)

02226.0 UKCG humber 1947 USB ee warnings Sep08 04 ML

02250.0 OWE: DAF KARUP 2219 MIL.STD 188.141A ALE on usb. c1ng OWD. 2224 c1ng OWE. 2250 c1ng OWK. 2305 c1ng OWC (24/Aug)(DW)

02250.0 OWI: DAF Aalborg 1820 USB/ALE to OWK 17/Aug/04 (ZE)

02250.0 OWK: DAF VEDBAEK 2239 MIL.STD 188.141A ALE on usb. c1ng OWD. 2241 c1ng OWP. 2250 responding to OWE (24/Aug)(DW)

02250.0 OWK: DAF-HQ Vedback 1717 USB/ALE to OWP OWD OWI 17/Aug/04 (ZE)

02384.5 Decano: Arg Ny 0255 USB SS Traffic w/ 'Electo' wx info,vessel fuel and personnel info (01/07/04) (AJP)

02505.0 dbig : german coast guard ship BG23 Bad Dueben 0704 sitor-a #60559 pos.-rep 07Sep04 (wp3)

02586.0 OXZ?: ??LYNGBY??? 2105 USB OM English comms.. qsb.. 1st time copy (06-07-2004)(MSM)

02596.0 UKCG: HUMBER? 2052 work unid ship pos 48N 08W Jun28 04 ML

02632.0 IQH: NAPOLI R 2057 USB ital Jun28 04 ML

02671.3 dbfo : german coast guard ship FSB Seefalke 0200 sitor-a #38434 calls ipva zoll cux 07Sep04 (wp3)

02671.3 dbfo : german coast guard ship FSB Seefalke 2144 sitor-a #38434 position report to zoll cux 06Sep04 (wp3)

02671.3 dbfo: : FSB Seefalke 1950 sitor-a position report 26Aug04 (wp3)

02677.0 CROSS: 0547 USB french avurnav Jun27 04 ML

02750 KUPERJANO: Est-Mil Kohta-Jarve, EST. ALE 1917 01-09-04 [sw]

02750 PARNYJP: Est-Mil Parnu, EST, ALE 1841 01-09-04 [sw]

02750 YSP: Est-Mil [unid] ALE 1840 01-09-04 [sw]

02750.0 KUPERJANOVIYJP: (Chace-Ortiz ID): Estonian MIL 2045 USB/ALE calls ROK (31-aug-2004)(MSM)

02750.0 KUPERJANOVIYJP: (Chace-Ortiz ID): Estonian MIL 2047 USB/ALE calls PARNUYJP (31-aug-2004)(MSM)

02750.0 PARNUYJP: (Chace-Ortiz ID): Estonian MIL 2044 USB/ALE

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calls ROM RMY 31-aug-2004)(MSM)
03016.0 Gander: (MWARA NAT-A): 0055 USB w/Alitalia 619 (not heard)
w/selcal check. 18/08 RP3
03137.0 JDG: NAS Diego Garcia AFB 2122 USB/ALE snd tws JDG 09/Aug/04
(ZE)
03137.0 PLA: NAS Lajes AB 2108 USB/ALE snd tws PLA 09/Aug/04 (ZE)
03174.0 CR1: Brazilian Army 0056 ALE/USB clg "2" also at 0256z
(07/06/04) (AJP)
03175.5 LOR: AN Puerto Belgrano 0020 RTTY/75/170 Coastal wx/SS.
(29/Aug/04) (RH2)
03202.3 L: unid beacon, presum. Tirana, ALB, 1530, CW, 30/8/2004 (CK)
03202.3 L: unid beacon. presum. Tirana. ALB. 1530. CW. 30/8/2004 (CK)
03203 L: MX Beacon Tirana 0016 CW (23Aug04) (WC)
03203 L: MX Beacon Tirana 0134 CW (22Aug04) (WC)
03247.4 ZKLF: Auckland Meteo 1055 Fax 120 SFC Anal (02/07/04) (AJP)
03333.0 unid: 2106 USB danish Jun28 04 ML
03350.0 unid ? 0447 AM french / south accent . data report :
numbers only...any idea?? Sep01 04 ML
03476.0 MWARA Gander Rdo: 0530z USB wkg DELTA 64; position report;
Shanwick Rdo 4675 next. (30/Aug/2004) (ALS)
03476.0 MWARA Gander Rdo: 0546z USB wkg CONTINENTAL 46; position
report.
(30/Aug/2004) (ALS)
03476.0 MWARA Gander Rdo: 0547z USB wkg OLDIE 72; cleared to FL340.
(30/Aug/2004) (ALS)
03476.0 MWARA Gander Rdo: 0548z USB wkg DELTA 38; position:
55 North, 40 west; Shanwick Rdo 4675 next.
(30/Aug/2004) (ALS)
03476.0 MWARA Gander Rdo: 0548z USB wkg DELTA 38; position: 55 North.
40
West; Shanwick Rdo 4675 next. (30/Aug/2004) (ALS)
03476.0 MWARA Gander Rdo: 0549z USB wkg EL AL 07; handed off to
New York Rdo 8906/5598. (30/Aug/2004) (ALS)
03500.0 AA2: Isr AF 1906 USB/ALE wkg ACCES2 (01-sept-2004)
03593.3 dlvi : german coast guard ship ZB Priwall 2156 sitor-a #99434
position report to 75205 dqz28 06Sep04 (wp3)
03608 : Russian Military 2004 36-50/50/190 T600 messages. Idles
on revs. (23Aug04) (RGA)
03700 POCI: Unid 1253 CW Active Active each hour: 15-25 min &
45-55 min. Also active on: 4136khz Same time periods.
(29Aug04) (AB2)
03737 UIW: KaliningradRadio 2041 CW w/MIBs: KALININGRAD 262242/03
23/08 1215 = PEREDAoA 230804 PRIP PETERBURG 232 KARTA 28010
KNIGA 2201 WYBORGSKIJ ZALIW ... = NNN. (23Aug04) (RGA)
03758.1 PBB: Nld-N Den Helder, NLD, rtty 75/850, av-msg
02b 04a 06b pbb. 1901 03-09-04 [sw]
03762.5 PBB: Nld-N Den Helder, NLD, rtty 75/850, av-msg
02b 04a 06b pbb. 1810 01-09-04 [sw]
03764.5 pbb: : NL Navy Den Helder 0710 rtty 75/850
02b 04a 06b pbb 02b 04a 06b 02b 04a 06b pbb
02b 04a 06b 30Aug04 (wp3)
03764.5 PBB: NNY Den Helder 2111 Rtty 75/850 Marker 02B 04A PBB
(29/Jun/04) (KK)
03772 P: MX Beacon 2047 CW Kaliningrad. // 4476. (23Aug04) (RGA)
03782.0 CTP: Oeiras Palhais. POR 2110 Rtty 75/850 Marker Naws de CTP
.... (29/Jun/04) (KK)
03803.0 KUPERJANOVIYJP: Estonian Single Infantry Battalion
Kuperjanovi 2220 USB/ALE to YSP Single Signals
Battalion 14/Aug/04 (ZE)
03803.0 PARNUYJP: Estonian Single Infantry Battalion Pärnu 2229
USB/ALE to KUPERJANOVIYJP 14/Aug/04 (ZE)
03810 HD2IOA: Guayaquil TS 0512 AM/LSB beeps, announcement in
Spanish at end of minute (01Sep04)(KB)
03829.3 dlvh : german coast guard ship ZB Emden 0728 sitor-a #89836
„Lagemeldung“ and weather from
(65509 zo1l o) 06Sep04 (wp3)
03850 KUPERJANO: Unid. EST Mil 1726 ALE/USB clg PAR. (22Aug04) (KB)
03850 PARNUYJP: Unid EST Mil 1716 ALE/USB clg KUPERJANOVIYJP many

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times. Later clg YSP who responds at 1756. (22Aug04) (KB)
03850.0 KUPERJANOVIYJP: Estonian Single Infantry Battalion Kuperjanovi
2210 USB/ALE to PARNUYJP 14/Aug/04 (ZE)
03855.0 DDH3: DWD Kiel, D, 2135, FAX 120/575, North Atlantic meteo
charts,
17/8/2004 (CK)
03900 PARNUYJP: Estonian Single Inf Bn Pärnu 1954 ALE/USB calls
KUPERJANOVIYJP/Single Inf Bn Kuperjanov. Net also active
on 3803 4930 5702 and 5789. (25Aug04) (RGA)
03900.0 PARNUYJP: Estonian Single Infantry Battalion Pärnu 2111
USB/ALE to YSP Single Signals Battalion 14/Aug/04 (ZE)
03920.0 : UNID.UNID CIS MIL NATO 75/850 0520 N-D . (12-Ago)
(BC)
03969.0 : UNID.UNID CIS MIL NATO 75/850 2154 N-D . (16-Ago)
(BC)
04014.0 ZSJ: SAN silvermine 0512 fax 120/576 Sgc Prog then RTTY/Ry's
(01/Sep/04) (RH2)
04021.5 R26584 (UH-60, 1/159th Avn): 0012 USB/ALE TO T1Z159 (1/159th
Avn, Simmons AAF, Ft Bragg NC). Also noted on 03238.5;
06911.5 and 07361.5;19/08 RP3
04030.9 P : Kalinigrad.RUS CISN BEACON CW 2136 QRA . (17-Ago) (BC)
04031.0 U... : UNID.CIS CIS MIL BEE/36-50 50/195 2004 N-D .
(24-Ago) (BC)
04050.0 fishermen: 0616 USB span d/x Aug29 04 ML
04052.8 U... : UNID.CIS CIS MIL CW 0014 GR(A) . (12-Ago) (BC)
04110 : Unid. Prob Fishfone 2050 SAILOR-CRYPT/USB Analogue voice
scrambler. Male voices. (23Aug04) (RGA)
04125.0 KCI94: Nome, Alaska 1940 SSB / Marine wx bcst for
Bering & Beaufort Seas (06/Sep/2004) (Attu Bosch)
04135.0 U... : UNID.CIS CIS MIL CIS 81-81 81/225 2009 N-D .
(24-Ago) (BC)
04136.0 POCI: Chinese Mil 1250 CW / also on 3700khz transmits
each hour: 15 - 25 & 45 - 55 min.
(29/Aug/2004) (tundra monitor)
04146.0 CBP: Puerto Montt Radio 1145 USB SS wx report
(02/07/04) (AJP)
04176.0 : UNID.UNID CIS MIL NATO 75/850 0101 N-D .
(21-Ago) (BC)
04218.5 XSG: Shanghai R 1058 CW marker (19/08/04) (AJP)
04210.5 A9M: Hamala R 1700 cw Marker (01/Sep/04) (RH2)
04213.5 NOJ: USCG Kodiak 1009 CW marker (04/08/04) (AJP)
04218.5 LZW : Varna.BUL RADIO SITOR 100/170 2140 CH MARKER .
(28-Ago) (BC)
04218.5 XSG: Shanghai R 1058 CW marker (19/08/04) (AJP)
04223.40 : UNID.UNID CIS MIL VFT: NATO 75/80 2050 N-D .
(16-Ago) (BC)
04232.0 FUF : Fort de France.MRT FN BAUDOT 75/850 0104
RY+TEST/CLG FAA . (21-Ago) (BC)
04255.5 LOR: ? AN Puerto Belgrano 1816 PACKET300/300/220
No text! This is a PB freq. but never heard using Packet.
(22/Aug/04) (RH2)
04268.0 VTG4 : Mumbai.IND InN CW 2145 GR(4N) .
(17-Ago) (BC)
04269 USB 0615 Fax 120/576 Halifax. Nova Scotia. Canada
(CFH) Surface chart good copy. (03Sept04) (CC)
04271 : Enigma E10 Mossad 2053 AM(?) YL in 5LG traffic.
(23Aug04) (RGA)
04271.0 CFH: halifax can cg 0620 FAX Aug29 04 ML
04271.0 CFH: halifax can cg 0625 ITA2/75 wx bulletin
"kaVl,kach..." Aug29 04ML
04283.0 XSV : Tijanjin.CHN RADIO CW 2144 CQ DE .
(28-Ago) (BC)
04315.0 zk: unid 1039 MIL-STD 188/141A [TO ZK][[CMD
08 6B 40]][E] 27Aug04 (wp3)
04317.9 Moscow Meteo 0132 FAX 120/576 sfc analysis
(03Sep04)(KB)
04317.9 USB 0626 Fax 120/576 New Orleans. Louisiana.
USCG (NMG) Tropical Surface Analysis (Eastern half)

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04325.5 very good copy (03Sept04) (CC)
SUP ?? port said ?? 0506 CW s8/10 ? encrypted ?
Sep04 04 ML

04334.0 FUX: FN Le Port 2310 rtty 75/850 Test tape
(29/Aug/04) (RH2)

04334.6 : UNID.UNID UNID FSK 50/900 2152 N-D .
(17-Ago) (BC)

04338.0 ?? 0522 ITA2/75 enc Sep04 04 ML

04340.0 XSQ : Guangzhou.CHN RADIO CW 2150 WX ING .
(17-Ago) (BC)

04341.3 : UNID.UNID UNID FSK 50/795 2154 N-D .
(28-Ago) (BC)

04348.0 : UNID.UNID CIS MIL NATO 75/850 0112 N-D .
(21-Ago) (BC)

04356.5 dhj58: : GN Glücksburg 0836 usb tfc to sierra
Tima ?? 27Aug04 (wp3)

04363.0 3AC: monaco 0705 USB french/ee calling Jul17 04 ML

04365 RCC: Russian Navy Petropavlovsk 1300 Traffic for RIY93.
Earlier participants were: RMK22. RJB22 RJP83. RJI39.
(29Aug04) (AB2)

04387.0 OSU: OSTEND??? 21183 USB dutch duplex qso.1st time
copy.problems to ID. (06-07-2004)(MSM)

04390.0 YLQ: RIGA MM TEL SRVC 1913 USB qso in simplex s9+60dB
(01-sept-2004) (MSM)

04416: NMN, USCG Portsmouth, at 0509 w/usual Perfect Paul b'cast
w/an S3 signal. A more recently recorded Hurricane
b'cast over this at S9. An unid Globe wireless stn
(presumably) was duking it out with the hurricane
b'cast. Someone forgot to tell Paul to go back to bed.
(15 Sept) (RB4)

04423.0 R : UNID.RUS CIS MIL RUS-SYS 75/180 0026 N-D .
(12-Ago) (BC)

04424.5 L: unid beacon, presum. Tirana, ALB, 0515, CW, new
frequency since August 1st, 30/8/2004 (CK)

04424.5 L: unid beacon. presum. Tirana. ALB. 0515. CW. new
frequency since August 1st. 30/8/2004 (CK)

04426.0 NMN: USCG Camslant 0958 USB EE WX report //6501 //8764
(22/06/04)(AJP)

04435 :USB 0803 Fax 120/576 (UNID) It appears to be some sort
of wind and wave chart poor copy. (03Sept04) (CC)

04435.0 Rijeka Radio???:unid WX RPT 1915 USB wx rep. in russian
extra fast speaking (01-sept-2004) (MSM)

04442.0 ---: NATO 0032 Link-11 (02/08/04) (AJP)

04465.52 M... : UNID.UNID BF PICCOLO-6 2027 TFC KRY .
(14-Ago) (BC)

04476 P: MX Beacon Kaliningrad 0016 CW // 4031 10872 16332
13528. (21Aug04) (WC)

04476.0 P : Kaliningrad.RUS CISN BEACON CW 0117 QRA .
(21-Ago) (BC)

04476.0 P: Unid 2109 CW "P" Marker (31/07/04) (AJP)

04481.4 SWA: National Meteo Service Athens, GRC, 0850,
FAX 120/576, meteo charts, 16/8/2004 (CK)

04490.0 MM2 (FBI, Miami): 1039 USB/ALE TO QT2 (FBI,
Quantico VA). 03/09 RP3

04517.0 FDI22 : Narbonne.F FAF J3E/USB 0030 TEST 'CECI EST UNE
MISSION DE CALORIE DESTINE AU RGLAGE DE VOTRE...'
(12-Ago) (BC)

04555,2 dlvb : german coast guard ship ZB Schleswig-H 0715 sitor-a
#88298 “ Lagemeldung“ and weather
(65509 zoll cux) 07Sep04 (wp3)2.55.0 dlgz : german coast guard
ship BG21 Bredstedt 2201 sitor-a #18140 position report to
60460 kuewaz o 06Sep04 (wp3)

04555,2 dlvh : german coast guard ship ZB Emden 0808 sitor-a
#89836 position report 07Sep04 (wp3)

04555.2 cuxhaven gcg: 0708 ARQ wx forecast & german coast
bulletinAug29 04 ML

04583.0 DDK2/DDH7/DDK9: 0930 RTTY Hamburg Meteo with shipping
wx.24/Jun/2004 (TR)

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04604.0 Red Robin 8: (Civil Air Patrol, Michigan): 0103 USB checking in various Red Robin stations on the Michigan Directed Net. 18/08 RP3

04604.0 Red Robin 8: (Civil Air Patrol, Michigan): 0103 USB w/Directed HF Net check ins: Red Robin 78; 164; 301 & 304. 24/08 RP3

04610 GYA: RN FWOC Northwood UK 1620 FAX/120/576 winds forecast Europe/N.Africa. (29Aug04) (RGA)

04611.0 01 : UNID.UNID UNID ALE/USB 1833 CLG 60 . (16-Ago) (BC)

04611.0 60 : UNID.UNID UNID ALE/USB 1833 CLG 01 . (16-Ago) (BC)

04612.0 EA6H : UNID.UNID UNID CW 2300 GR(A) . (23-Ago) (BC)

04628.0 rffxcb : FF unid 1459 arq-e/184.5/300 vzcrcrtc 019 oo rffxcc de rffxcbb 251 1537 znr uuuuu zic rtc 017 nnnn apparently counterpart 4840 khz 07Sep04 (wp3)

04647.0 ---: Unid Argentina 1115 USB SS wx report .highways status. Corrientes and Entre Rios Provinces. Possible Civil Defense (18/08/04) (AJP)

04703.0 ---: NATO 0020 Link-11 (10/08/04) (AJP)

04721.0 ADW: (Andrews AFB): 1911 USB/ALE TO 440192 (KC-10 # 84-0192). Also noted on 18003.0. 16/07 RP3

04742.0 Architect (RAF Flight watch): 0413 USB w/airfield wx report. 20/09 RP3

04777.5 IMB51: Rome Meteo 1630 Sounds and looks like FAX idling; occasional glitches match fax b/w frequencies. (22Aug04) (KB)

04811.0 TUAR: CW 1801 wkg/d5at "qsa v ?k rk" (16Jul04) (SMK)

04816.0 LOL: AN Buenos Aires 0110 RTTY 75/170 5LG Over a broadcasting. New freq. (20/08/04) (AJP)

04816.0 LOL: AN Buenos Aires 0110 RTTY 75/170 5LG Over a broadcasting. New freq. (20/08/04) (AJP)

04840.0 rffxcc : FF unid 1507 arq-e/184.5/300 zcxcrt044 oo rffxcb~e~ml~c~n~cbb de rf~fx~c~f~x~ 25~ 1536 2 znr uuuuu apparently counterpart 4628 khz 07Sep04 (wp3)

04841.0 OWE: DAF KARUP 0015 MIL.STD 188.141A ALE on usb. c_lng OWD. 0048
c_lng OWK. 0106 c_lng OWP. 0138 c_lng OWE. 0255
c_lng OWC (24/Aug)(DW)

04841.0 OWE: DAF KARUP 2339 MIL.STD 188.141A ALE on usb. c_lng OWF (23/Aug)(DW)

04841.0 OWF: DAF KARUP 2231 MIL.STD 188.141A ALE on usb. C_lng OWK. 2245 c_lng OWI (24/Aug)(DW)

04841.0 OWF: DAF SKRYDSTRUP 0138 MIL.STD 188.141A ALE on usb. Responds to OWE (24/Aug)(DW)

04841.0 OWF: DAF SKRYDSTRUP 2339 MIL.STD 188.141A ALE on usb. Responding to OWE (23/Aug)(DW)

04841.0 OWF: DAF SKRYDSTRUP 2348 MIL.STD 188.141A ALE on usb. C_lng OWD (24/Aug)(DW)

04841.0 OWK: DAF VEDBAEK 2231 MIL.STD 188.141A ALE on usb. C_lng OWE. 2240 c_lng OWP. (24/Aug)(DW)

04850.0 IEA600 : Torino.I CC J3E/LSB 0635 WKG IEA20 . (30-Ago) (BC)

04850.0 IET31 : Bologna.I CC J3E/LSB 0640 WKG IEA20 . (31-Ago) (BC)

04850.0 IEU41 : Napoli.I CC J3E/LSB 0636 WKG IEA20 . (30-Ago) (BC)

04850.0 KUPERJANOVIYJP: Estonian Single Infantry Battalion Kuperjanovi 2122 USB/ALE to YSP 14/Aug/04 (ZE)

04850.0 PARNUYJP: Estonian Single Infantry Battalion Pärnu 2122 USB/ALE to YSP 14/Aug/04 (ZE)

04883.0 PARNUYJP: Estonian Single Infantry Battalion Pärnu 2024 USB/ALE to KUPERJANOVIYJP 14/Aug/04 (ZE)

04890.0 unid: 1936 voice encryp & short data /cry-2001? Jun24 04 ML

04901.5 DET1: & DET2, unid: 0148 USB ALE (05/AUG/04) (JLM)

04910.0 KUPERJANOVIYJP: Estonian Single Infantry Battalion Kuperjanovi 2112 USB/ALE to PARNUYJP 14/Aug/04 (ZE)

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04910.0 PARNUYJP: Estonian Single Infantry Battalion Pärnu 2115
USB/ALE to KUOERJANOVIYJP 14/Aug/04 (ZE)

04924.5 HQ703N (Nat'l Guard HQs, Arlington VA): 1212 USB/ALE TO
C010TN (Nat'l Guard, Connecticut). Also noted on 05847.0.
13/09 RP3

04930.0 KUPERJANOVIYJP: Estonian Single Infantry Battalion
Kuperjanovi 2113 USB/ALE to PARNUYJP 14/Aug/04 (ZE)

04932.0 : UNID.UNID CIS MIL NATO 75/850 2330 N-D .
(24-Ago) (BC)

04950.0 KUPERJANOVIYJP: Estonian Single Infantry Battalion
Kuperjanovi 2006 USB/ALE to YSP 14/Aug/08 (ZE)

04950.0 PARNUYJP: Estonian Single Infantry Battalion Pärnu
2014 USB/ALE to YSP 14/Aug/04 (ZE)

04959.0 PSNN ?? 0607 USB polish?? numbers Sep04 04 ML

04995.0 KUPERJANOVIYJP: Estonian Single Infantry Battalion
Kuperjanovi 2138 USB/ALE to YSP 14/Aug/04 (ZE)

04996.0 RWM : Moskva.RUS TS CW 2215 TS . (28-Ago) (BC)

05005.0 PARNUYJP: Estonian Single Infantry Battalion Pärnu 2040
USB ALE/MIL-188-141A c/g YSP (29/Jun/04) (KK)

05005.0 PARNUYJP: Estonian Single Infantry Battalion Pärnu 2048
USB/ALE to KUPERJANOVIYJP 14/Aug/04 (ZE)

05006 : Russian Military 2101 36-50/50/240 T600 messages. //
5022. (23Aug04) (RGA)

05006.0 U... : UNID.CIS CIS MIL BEE/36-50 50/192 2202 N-D .
(23-Ago) (BC)

05006.0 ADWCAP: Civil Air Patrol at Andrews AFB: 1716 USB
ALE.(04/AUG/04) (JLM)

05017.0 U... : UNID.CIS CIS MIL RUS-SYS 75/225 1729 N-D .
(31-Ago) (BC)

05020.0 : UNID.UNID UNID ALE/USB 1727 N-D .
(31-Ago) (BC)

05021.3 FDI22 : Narbonne.F FAF CW 0530 TFC FRA 'CECI EST UNE
MISSION DE CALORIE DESTINE AU RGLAGE DE VOTRE...'
(17-Ago) (BC)

05036.0 R... : UNID.RUS CIS MIL RUS-SYS 75/188 2201 N-D .
(10-Ago) (BC)

05058.5 BA1: (FBI, Baltimore MD): 1841 USB/ALE TO QT1 (FBI
Academy, Quantico VA). 21/07 RP3

05060.0 KUPERJANOVIYJP: Estonian Single Infantry Battalion
Kuperjanovi 2038 USB/ALE to YSP 14/Aug/04 (ZE)

05072 378: Unid Enigma Stn 2104 CW with 378 callup. (23Aug04) (RGA)

05077.5 F... : UNID.UNID FF BAUDOT 50/170 0550 TEST 'TEST DE
MENTOR CETTE EMISSION EST DESTINEE AU REGLAGE...'
(31-Ago) (BC)

05079.0 : UNID.UNID CIS MIL NATO 75/850 0540 N-D .
(27-Ago) (BC)

05088.5 USAIS1012:)US Army Intelligence & Security Command, Ft Belvoir
VA): 1422 USB/ALE TO USACE1010 (US Army Corps of Engineers).
18/08 RP3

05090.0 : UNID.UNID UNID ALE/USB 2220 N-D .
(23-Ago) (BC)

05101 T1Z106: 1 Bat 106 Avn Regiment Deployed 2047 ALE/USB
Sounding. (22Aug04) (RGA)

05119.8 FDI22 : Narbonne.F FAF CW 1735 VVV DE . (26-Ago) (BC)

05140.0 fishermen: 0732 USB french about team on board Aug29 04 ML

05153.7 D : Odessa.UKR CISN BEACON CW 2210 QRA . (23-Ago) (BC)

05153.8 P : Kaliningrad.RUS CISN BEACON CW 2210 QRA .
(23-Ago) (BC)

05153.9 S : Arkhangeksk.RUS CISN BEACON CW 2210 QRA .
(23-Ago) (BC)

05170.0 KPA : Tel Aviv.ISR MOSSAD H3E/USB 2205 QRA .
(10-Ago) (BC)

05188.5 LOL: Arg Ny 1110 RTTY 75/170 Internal messages about
banking operations, then 5LG (10/09/04) (AJP)

05193 A20: Unid wkg 0[zero] base control. J3e 1540 16-09-04 [sw]

05193 OB: Unid wkg 0[zero] base control. J3e snds tfc [green]
rtty 1543 16-09-04 [sw]

05195.0 DRA5: Kiel, D, 1918, RTTY/PSK-31/CW, propagation beacon,

- 16/8/2004 (CK)
- 05195 DRA5: DARC Prop Beacon Stn 2106 CW Calls + dash marker then PSK31. (23Aug04) (RGA)
- 05202.0 1 FOXTROT: calling 1 CHARLIE, no contact. US Army or NG: 0041 USB voice and ALE. ALE calls 1F & 1C. Been active most of the afternoon along with APACHE, 1A,1B, 1D, 1E, 1G & 4G (24/JULY/04) (JLM)
- 05210.0 AZART: unid Russian Military 2109 USB clg TRESK: unid Russian Military. Referenced switching to VHF. (1-Jul-04) (JUM)
- 05211.0 NNN0AUH Navy MARS 0252 USB as NCS of NA2E net checking in w/WGY912 FEMA Special Facility. Also monitoring 14483.5. Later adv was also monitoring National MARS Emergency 4041.0 for Hurricane Frances. (6 Sept. 2004)
- 05211.0 WGY944 0253 USB checking in w/WGY912 for Hurricane Frances. (6 Sept. 2004)
- 05217.0 : UNID.UNID UNID MIL-STD 188-110A 1740 N-D . (31-Ago) (BC)
- 05230.0 VLB2 : Tel Aviv.ISR MOSSAD H3E/USB 0044 QRA . (21-Ago) (BC)
- 05236.0 KNY91 1245 USB with AAA2AS, AAA2RV, 1DD, NNN0TEV, WWJ40S (FHWA Pa.) PENNCAP 240, AFA1SX, AAR2ML others in SHARES Regional Coordination B2 NE Net for Hurricane Frances. (5 Sept. 2004)
- 05260.0 WKS5A : Jupter.FL.USA MARINET PACTOR-II 0047 N-D/CH MARKER . (21-Ago) (BC)
- 05292.0 FDI22: French Airforce Narbonne 2212 Rtty 50/100 Marker Test de FDI22...Voyez le brick (29/Jun/04) (KK)
- 05292.8 FDI22 : Narbonne.F FAF BAUDOT 50/79 2216 VVV VVV VVV DE . (23-Ago) (BC)
- 05315 SAB: GlobeRadio Göteborg SWE 2107 GLOBEDATA Idling. (23Aug04) (RGA)
- 05335.0 RT3: Unid Argentine Net 1140 USB SS Also RT20, RT11, RT9, RT24, RT28, RT22, RT5. Military exercises messages . Possible Argentine Army. (07/09/04) (AJP)
- 05340.0 : UNID.UNID CIS MIL NATO 75/850 0537 N-D . (17-Ago) (BC)
- 05346.0 DHJ67: 0500 USB wkg DH091 Req As. Ctrl 0502BG (15/Jul/04) (KK)
- 05346.0 DH078: 0504 USB wkg DH091 (15/Jul/04) (KK)
- 05361.0 Unid: PRC 2113 4+4/LSB idle. (1-Jul-04) (JUM)
- 05364.0 ---: Unid 1133 FSK 75/850 ACF=0 (10/08/04) (AJP)
- 05365.0 Argentine police: Rio Negro province 2040 LSB SS Radiograms (17/07/04) (AJP)
- 05373.7 Unid: Brazilian Army 1200 SITOR Unid stn sending msg to "7A BDA INF MTZ"(12/07/04) (AJP)
- 05384.0 Unid: PRC 2116 4+4/LSB (1-Jul-04) (JUM)
- 05408 41: Enigma ?? 1510 CW CQ 541 CQ 541 CQ 541 HR 41 41 == 03484 17494 ...04085 43383 15410 AR AR SK. (21Aug04) (AB2)
- 05422.5 Coast Guard Auxiliary Radio: Media (sounds like) (Net Control) 24/08 RP3
- 05446 R: MX Beacon Ustinov 0014 CW (21Aug04) (WC)
- 05446 R: MX BEacon Ustinov 0047 CW Slow tx. (23Aug04) (WC)
- 05448.0 ---: Unid 0220 AM Pulses. 56 ppm 210ms duration (06/08/04) (AJP)
- 05450 RAF VOLMET: RAF W.Drayton UK 2109 YL-Robot with UK weather actuals. (23Aug04) (RGA)
- 05450.0 RAF VOLMET: RAF Brampton, G, 1932, USB, 16/8/2004 (CK)
- 05493.0 9PE : Lumumbashi.COD AIR J3E/USB 0055 WKG Kinshasa . (21-Ago) (BC)
- 05493.0 9PL : Kinshasa.COD AIR J3E/USB 0052 TFC ING . (21-Ago) (BC)
- 05493.0 TNL : Brazzaville.COG AIR J3E/USB 2235 TFC ING 'BRAZA' (28-Ago) (BC)
- 05496.5 : UNID.UNID UNID FSK 100/124 2226 N-D . (23-Ago) (BC)
- 05505 USB 0537 Shannon volment. Ireland with air weather (03Sept04) (CC)
- 05532.0 ZUJ : Johannesburg.AFS SAA J3E/USB 2107 TFC ING

'SPRINGBOOK' (16-Ago) (BC)
05535.0 ldoc BAW: 0739 USB ee about engine matter and selcal
GSLP /g-jmaatcx /baw?? Aug29 04 ML
05550.0 New York: (MWARA CAR-A): 0150 USB w/Air Portugal 104
w/routing. 12/08 RP3
05598 REACH 148: Unid USAF Flt 1533 USB Nat-A MWARA wkg SANTA
MARIA w/position report. (27Aug04) (CC)
05598 REACH 196: Unid USAF Flt 1530 USB wkg SANTA MARIA on
Nat-A MWARA. w/position report and request to flight
level 290 followed by stand-by. (27Aug04) (CC)
05598 REACH 205: Unid USAF Flt 1653 USB Calls SANTA MARIA on
Nat-A MWARA w/position report and selcal check (FSBE?)
(28Aug04) (CC)
05598 REACH 911: Unid USAF Flt 1658 USB Calls SANTA MARIA
w/position report. (28Aug04) (CC)
05598.0 ---: MWARA NAT-A 0034 USB EE Santa Maria Air Control.
Several aircraft. w/selcall (31/08/04) (AJP)
05598.0 43: 2328 USB MWARA NAT-A. French AF 43. selcal JLCQ.
working Shanwick for selcal check 22/Jun/2004 (TR)
05598.0 5B-DBW: 0844 USB MWARA NAT-A. Eurocypria 5B-DBW.
selcal HPMR. working Shanwick for selcal check
28/Jun/2004 (TR)
05598.0 85-0007: 2343 USB MWARA NAT-A. Reach 85-0007. selcal
FPEG. working Santa Maria for selcal check and requests
flightlevel change. Santa Maria asks to std/by and later
advises to descend from F320 to F300 when passing 43N
22/Jun/2004 (TR)
05598.0 B-680: 2327 USB MWARA NAT-A. Danish AF B-690. selcal
BFHR. working Shanwick for selcal check 22/Jun/2004 (TR)
05598.0 CC-COP: 0807 USB MWARA NAT-A. LAN Chile CC-COP. selcal
JSEM. working Shanwick with posn. wx. fuel status and
selcal check 28/Jun/2004 (TR)
05598.0 D-AIGK: 0841 USB MWARA NAT-A. Lufthansa D-AIGK. selcal
LMAS. working Santa Maria with posn. fuel status and selcal
check 28/Jun/2004 (TR)
05598.0 EC-GRJ: 0842 USB MWARA NAT-A. Iberia EC-GRJ. selcal
AHMR. working Santa Maria for selcal check
28/Jun/2004 (TR)
05598.0 HB-IBX: 2346 USB MWARA NAT-A. Jet Club Exec Air
HB-IBX. selcal GRFK. works New York for selcal check
22/Jun/2004 (TR)
05598.0 HS-TKE: 2334 USB MWARA NAT-A. Thai Intl. HS-TKE.
selcal GKEH. working Shanwick with posn. wx. fuel status
and selcal check. Shanwick requests ETA at destination (EDDF
Frankfurt) 22/Jun/2004 (TR)
05598.0 N396AN: 0848 USB MWARA NAT-A. American N396AN.
selcal KLPS. working Shanwick with selcal check and
requesting flightlevel change. Shanwick approves F300
28/Jun/2004 (TR)
05598.0 N511QS: 0819 USB MWARA NAT-A. Execjet N511QS.
selcal PREG. Shanwick confirms and advises flightlevel
change to F330 28/Jun/2004 (TR)
05598.0 N719FD: 0825 USB MWARA NAT-A. FedEx N719FD. selcal LRFH.
working Shanwick for selcal check 28/Jun/2004 (TR)
05598.0 10+23: 0815 USB MWARA NAT-A, German AF 10+23, selcal BMQS,
working Gander with posn, wx, fuel status and selcal check,
requesting routing confirmation and wx for CYYT (St. John Intl)
and CYQX (Gander Intl) 13/Aug/2004 (TR)
05598.0 TF-ATU: 0805 USB MWARA NAT-A, Air Atlanta TF-ATU, selcal
FMEG,
working Shanwick with posn, fuel status and selcal check
13/Aug/2004 (TR)
05598.0 VH-VOD: 0752 USB MWARA NAT-A, Quantas VH-VOD, selcal
MQEJ, working New York with selcal check and requesting
new flightlevel, New York approves F360
13/Aug/2004 (TR)
05598.0 ZS-SLC: 0812 USB MWARA NAT-A, South African ZS-SLC, selcal
QSBJ, working New York with posn, fuel status and selcal

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check, requesting new flightlevel 13/Aug/2004 (TR)
05602.0 P2Z1ID : UNID.UNID USARMY ALE/USB 0124 SOUND .
(22-Ago) (BC)
05602.0 R26 : UNID.UNID USARMY ALE/USB 0256 SOUND . (22-Ago) (BC)
05602.0 T2Z1ID : UNID.UNID USARMY ALE/USB 0108 SOUND .
(22-Ago) (BC)
05602.0 T507 : UNID.UNID USARMY ALE/USB 0127 SOUND .
(22-Ago) (BC)
05602.0 T82AA : UNID.UNID USARMY ALE/USB 0122 SOUND .
(22-Ago) (BC)
05616.0 EIP : Shannon.IRL AIR J3E/USB 0043 CLG/WKG Gander .
(22-Ago) (BC)
05616.0 MWARA Gander Rdo: 0402z USB wkg UPS 6716; position
report. (30/Aug/2004) (ALS)
05616.0 D-AIPM: 0719 USB MWARA NAT-B, Lufthansa D-AIPM, selcal
DHGQ, working Shanwick with posn, wx, fuel status and selcal
check 13/Aug/2004 (TR)
05616.0 EC-HVB: 0718 USB MWARA NAT-B, Skyservice EC-HVB, selcal
MRGJ,working Gander with selcal check and requesting routing
confirmation 13/Aug/2004 (TR)
05616.0 N1454D: 0740 USB MWARA NAT-B, American N1454D, selcal
HKLK,working Gander with selcal check and routing confirmation
13/Aug/2004 (TR)
05616.0 N1470K: 0716 USB MWARA NAT-B, American N1470K, selcal HMPR,
working Iceland with posn, fuel status and selcal check
13/Aug/2004 (TR)
05635.0 french fishermen: 0630 USB d/x le guilvinec...Jun27 04 ML
05649.0 9G-ANC: 0901 USB MWARA NAT-C. working Shanwick with
selcal check and routing confirmation 28/Jun/2004 (TR)
05649.0 D-COSY: 2256 USB MWARA NAT-C. Phoenix Air D-COSY.
selcal EMAK. working Gander with posn. fuel status and
selcal check. requesting flightlevel change
22/Jun/2004 (TR)
05649.0 F-OHLP: 0918 USB MWARA NAT-C. Royal Jordanian F-OHLP.
selcal
CRBQ. working Shanwick with posn. wx. fuel status
and selcal check. requesting new flightlevel 320. Shanwick
approves later 28/Jun/2004 (TR)
05649.0 MWARA Gander Rdo: 0426z USB wkg VIRGIN 16; position
report; passed 2872 as secondary. (30/Aug/2004) (ALS)
05649.0 OY-USD: 0859 USB MWARA NAT-C. Star Air OY-USD. selcal
EGCQ. working Shanwick for selcal check 28/Jun/2004 (TR)
05649.0 N667DN: 0641 USB MWARA NAT-C, Delta N667DN, selcal CQFP,
working Shanwick with posn and selcal check
13/Aug/2004 (TR)
05649.0 N709TW: 0644 USB MWARA NAT-C, American N709TW, selcal
AEHK, working Shanwick with posn, flightlevel, fuel status
and selcal check 13/Aug/2004 (TR)
05649.0 PP-VPF: 0702 USB MWARA NAT-C, Varig PP-VPF, selcal
RSFP,working Gander with selcal check and requesting new
flight level 13/Aug/2004 (TR)
05680.0 mar safety chan 1948 USB ee Sep08 04 ML
05680.0 Unid: SAR Freq 1620 USB Trawler chats in EE/Afrikaans
Some shocking language!(30/Aug/04) (RH2)
05680.0 SIERRA: 0122 wkg Kinloss, rdo chk 0800 J3E 17-aug-04 (SE)
05680.0 SIERRA: 0128 (Sierra Romeo Gulf 128) wkg Kinlooss, enroute
Humberside A/p from RAF Leconfield 0819 J3E 17-aug-04 (SE)
05687.0 DHM91 : Munster.D GAF J3E/USB 0048 TFC TED/ING .
(22-Ago) (BC)
05687.6 ---: NATO 1120 Link-11 Serial. Pilot tone + 14QPSK
(26/07/04) (AJP)
05696 CAMSLANT: USCG Chesapeake VA USA 0208 USB wkg tactical
3-digit callsign advising them to proceed 24.75N. 80.42W
and look for fleeing Go Fast or any other fleeing vessels.
Customs is on scene. (28Aug04) (RB)
05696 USB 0250z KING 83 (USAF C-130) calling for radio check with
Chesapeake.VA with no joy (31Aug04) (CC)
05696.0 RESCUE 1504 0407 USB wkg CAMSLANT Chesapeake, airborne

Airsta Elizabeth City for SAR 45 miles off Oregon Inlet.
(6 Sept. 2004)

05696.0 SHARK 907 (NNAS, USCGC Escanaba WMEC-907) 0216 USB c1g
6028. (3 Sept. 2004).

05702 PLASPR: USAF SIPRNet Stn Lajes AZR 2108 ALE/USB Sounding.
(25Aug04) (RGA)

05705.0 LOR: Arg Ny Pto. Belgrano 0036 RTTY 75/170 WX report
(07/07/04) (AJP)

05707.0 : UNID.UNID CIS MIL NATO 75/850 0755 N-D .
(31-Ago) (BC)

05711 ATT3BFMARS Army MARS SHARE stn. DE 0306z ALE/USB Sounds
(31Aug04) (CC)

05711 USB 0308z KING 16 (USAF C-130) calls KING 22 (USAF C-130)
with no joy (31Aug) (CC)

05711 USB 0309z ANGEL OPS (Moody AFB) calls KING 22 (USAF C-130)
with no joy (31Aug04) (CC)

05711 USB 0321z KING 16 (USAF C-130) wkg KING 22 (USAF C-130).
KING 16 tells KING 22 that he has passed through PAPPA 6 and
weather looks good and will approach PAPPA 7 in 5 mikes.
KING 22 tells KING 16 that he is in PAPPA 0035 at the moment.

05711 USB 0325z KING 22 (USAF C-130) wkg KING 16 (USAF C-130)
to change altitude due to clouds (31Aug04) (CC)

05711 USB 0338z KING 16 (C-130) call ANGLE OPS (Moody AFB)
for status Report on JOLLY 135. 134 (HH-60) KING was
also noted on 381.30 calling ANGLE OP (31Aug04) (CC)

05732 J18: US BICE USCG HH-60J No 6018 CGAS Clearwater 1600
ALE/USB to OBP/Unid. Posn report flight ops normal
to PANTHER then back to scan. (25Aug04) (CC)

05732.0 61 ALPHA (OPBAT USCG HH-65 6561) 0420 USB wkg PANTHER
for flights op's. (31 Aug. 2004)

05732.0 CG 6019 (USCG HH-60J) 0414 USB wkg PANTHER re flight
op's normal & med flight is 20 mins out, 6019's ETA to
on scene is 6 mins. Medevac of person from cruise ship.
(31 Aug. 2004)

05732.0 Camslant Chesapeake: 0050 w/CG 1705 (HHC-130, CGAS
Clearwater) who reports on final for Clearwater and
securing radio guard. Initial contact was via ALE.
15/09 RP3

05732.0 Camslant Chesapeake: 0102 USB calling CG 1720 (HHC-130,
CGAS Clearwater) w/no response. ALE calls preceded voice
calls. Camslant calls this freq "the ALE." 21/07 RP3

05732.0 CS9: US BICE BEAUFORT 2235 MIL.STD 188-141A ALE on usb.
Sounding. (18/Sep)(DW)

05735.0 CS001 : UNID.I IF ALE/USB 0708 CLG RS006 . (18-Ago) (BC)

05737 27: Unid Enigma Stn 2113 CW In traffic ... 32250 32250
... 68929 68929 == 27 27 19 19 0 0 0. Offair.
(23Aug04) (RGA)

05764.0 ---: UNID 1618 CW Tfc in offline encrypt, inc accentuated
1trs (18/Sep)(DW)

05781.0 : UNID.UNID UNID FSK 100/165 1742 N-D .
(31-Ago) (BC)

05788 68: Danish Military 1951 ALE/USB Calls 28 who responds.
(22Aug04) (RGA)

05789.0 PARNUYJP: Estonian Single Infantry Battalion Pärnu 2148
USB/ALE to KUPERJANOVIYJP 14/Aug/04 (ZE)

05789.1 LOR: Arg Ny Pto. Belgrano 0113 RTTY 75/170 5LG (07/07/04)
(AJP)

05792 PARNUYJP: Estonian Single Inf Bn Pärnu 1912 ALE/USB Calls
KUPERJANOVIYJP/Estonian Single Inf Bn Kuperjanov. [AMD]
6UYNUYJP@. Considerable activity in this freq band by this
network. (22Aug04) (RGA)

05792.0 KUPERJANOVIYJP: Est. Single Infantry Battalion Kuperjanov
2159 USB ALE/MIL-188-141A snd (29/Jun/04) (KK)

05792.0 PARNUYJP: Estonian Single Infantry Battalion Pärnu 2055
USB/ALE. to KUPERJANOVIYJP 14/Aug/04 (ZE)

05792.0 PARNUYJP: Estonian Single Infantry Battalion Pärnu 2157
USB ALE/MIL-188-141A c1g YSP (29/Jun/04) (KK)

05794.8 : UNID.UNID UNID FSK 300/300 2243 N-D . (18-Ago) (BC)

05827.0 U... : UNID.CIS CIS MIL BAUDOT 50/199 2238 TFC KRY
ZZZZZZ: (23-Ago) (BC)

05847.0 ARC61NG: Arkansas 61st WMD-CST, Camp Robinson at North
Little Rock, AR: 1726 USB ALE(29/JULY/04) (JLM)

05847.0 HQ703N (Nat'l Guard HQs, Arlington VA): 1221 USB/ALE TO
D030EN (Nat'l Guard, Delaware). 13/09 RP3

05847.0 HQ703N: (possibly HQs, Nat'l Guard Readiness Center, VA):
1246 USB/ALE TO W050IN (Nat'l Guard unit, Wisconsin).
17/08 RP3

05847.0 OKC63NG: Oklahoma 63rd WMD-CST, Oklahoma City, OK: 1940
USB ALE (28/JULY/04) (JLM)

05847.0 TXC06NG: Texas 6th WMD-CST, Austin, TX: 2039 USB ALE
(28/JULY/04) (JLM)

05850 OXT: Copenhagen Meteo 0945 FAX/120/576 Kap Farvell ice
chart. still with statement Transmission... discontinued
as of January 1st. 2004. (22Aug04) (KB)

05851.0 : UNID.UNID UNID FSK 50/180 2115 N-D . (16-Ago) (BC)

05866.9 : UNID.UNID UNID FSK 150/470 2117 N-D . (16-Ago) (BC)

06971 USB 0649 Fishing Chatter (English) several boats on the
frequency no id weak copy (03Sept04) (CC)

06017.0 CGAS Clearwater: -deployed to OPBAT) reporting ops normal
& position as 245 degrees, 18nms from checkpoint Foxtrot 1.
Voice comms after ALE handshake. 27/07 RP3

06148.0 ZY6V: CW 1600 qtc 673 96 1618 673 13 5LG cyrillic,
ended with AR(16Jul04) (SMK)

06200.0 RS0014: Italian Military Network 1710 USB/ALE to CS003
22/Aug/04 (ZE)

06218.0 FRZ: LTU Ny Frigate F11 "Zemaitis" 1342 USB/ALE to JPQ HQ
Klaipeda (12Sept04) (ZE)

06230.0 ---: Unid 1114 CW Pulses every 2 sec (04/08/04) (AJP)

06230.1 LOF: AN Mar Del Plata 1135 RTTY 75/170 5LG (04/08/04) (AJP)

06238 41: Enigma ?? 1534 CW CQ 615.541 CQ 615.541 = 41 41 =
03484 17494 ... 04085 43383. (21Aug04) (AB2)

06275.0 NEBRSL: Brazilian Training Frigate Brasil U-27 1953
USB/ALE to ERMNAT Bny Natal 17/Aug/04 (ZE)

06295.0 107: UNID Network 1740 USB/ALE to 101 (12Sept04) (ZE)

06308.0 B02: UNID 1949 USB/ALE to S01 S03 29/Aug/04 (ZE)

06308.0 S01: UNID 1949 USB/ALE to B02 29/Aug/04 (ZE)

06308.0 S03: UNID 1957 USB/ALE to B02 29/Aug/04 (ZE)

06312 : Unlisted Vessel (636011886) 1825 GMDSS RQs
BangkokRadio/HSA for safety check. (22Aug04) (RGA)

06312.0 3FEBE5: MM TPH Coral Highway Panama 1913 GMDSS-HF safety
test to MRCC Corsen 04/Aug/04 (ZE)

06312.0 IBML: XX Mario Lub Italy 1839 GMDSS-HF safety test to
Roma Radio 04/Aug/08 (ZE)

06328 541: Enigma ?? 1530 CW CQ 615.541 VVV CQ 615.541 (rptd) =
= 03484 17494 ... 43383 15410 AR AR. Repeated.
(22Aug04) (AB2)

06328.5 ---: MURMANSK MET 1914 FAX 120/576/R/1000 //8444. Slanted
pix/running fast. weak, noisy, little pix. Ends 1924z
(05/Sep)(DW)

06328.5 MURMANSK METEO: 1905 FAX/120/576 sfc progn Barents Sea,
1929-off (04/Sept/04) (ZE)

06330.5 VQRS7: LOMA. UK 2150 P-I/100Bd cnt to OSY Bruegge Radio
P-II 8.422 MHz ch. Off Air ! <<< - >>> 6 . 12 & 16 MHz ch
On Air. For best propagation info.send msg with your position
to: osy@pandora.be (29/Jun/04) (KK)

06358 PBC: DN Goeree I 0031 RTTY/75/850 Carbs. (29/Aug/04) (RH2)

06358.0 PBC: DN Goeree I 0440 rtty 75/850 Carbs (01/Sep/04) (RH2)

06358.5 PBC: DN Goeree Is. RTTY 75/850 CARBS (25/07/04) (AJP)

06360.0 233673000: Greek CG HQ, Piraeus, 0600, GMDSS/DSC FSK
100/170, routine call to all ships for J3E contact on
5750.0 kHz, 29/8/2004. (CK)

06360.3 GYA: RN Nortwood 0009 VFT ch1: not found - ch2: 75/85
encrypted - ch3: 75/340 CARBS - ch4: 100/850 encrypted
(03/08/04) (AJP)

06370.9 GYU: RN Gibraltar 0313 RTTY 75/200 CARBS (02/09/04) (AJP)

06392.5 ---: Japanese fisheries ? 1130 8 tones AFSK 500-2500

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(04/08/04) (AJP)
06409.5 ZSJ: SAN Silvermine 0500 rtty/mfsk 75/850 RTTY bursts not
hrd before; then usual MFSK32 (01/Sep/04) (RH2)
06416.5 ---: Japanese Gov ?1143 Telemetry Datalink ? Tones
840/1160/1320/1480/1640/1800/1960 (04/08/04) (AJP)
06449.7 PWZ-33 BN Rio 0600 rtty 75/850 RY/ID/Foxes (30/Aug/04) (RH2)
06483.0 pbb: : NL Navy Den Helder 2127 rtty 75/850 02b 04a
06b pbb 02b 04a 06b 02b 04a 06b pbb
02b 04a 06b 29Aug04 (wp3)
06489.5 Unid: RN/NATO? 0025 RTTY/75/850 KG84? (29/Aug/04) (RH2)
06496.0 CFH: CF Halifax 0505 fax 120/576 24hr Synoptic Prog
(01/Sep/04) (RH2)
06496.4 USB 0540 Fax 120/576 CF Halifax. NS CAN (CFH) Wave and
wind chart good copy (03Sept04) (CC)
06501.0 NMN: USCG Camslant 0958 USB EE WX report //8764 //4426
(22/06/04) (AJP)
06502.4 LSD836: GW Argentina 1130 Globedata (12/08/04) (AJP)
06504.0 U... : UNID.CIS CIS MIL RUS-SYS 75/244 1754 N-D .
(31-Ago) (BC)
06507.2 Unid: RN/NATO 0544 rtty 75/850 KG84 + vmgtc etc
(01/Sep/04) (RH2)
06511.0 : UNID.UNID CIS MIL NATO 75/850 0857 N-D .
(26-Ago) (BC)
06532.0 ---: ARINC-07 Shannon 0245 HF DL Squitters (28/08/04) (AJP)
06604 GANDER RADIO: Gander Volmet NF CAN 2228 USB OM with
Canadian airfields actuals. (24Aug04) (RGA)
06604.0 New York Radio: 2122 usb volmet 29Aug04 (wp3)
06607.0 Unid: CW, UNID, 27Aug04 2318-2340z, (3 stns in net)
CTRL stn asking for msg repeats. (JK)
06617.0 Rostov Volmet: 2129 AM YL (06-07-2004)(MSM)
06622.0 Gander Aero: 0007 USB MWARA NAT-F. Gander Aero working
unid a/c 23/Jun/2004 (TR)
06628.0 15001: 2357 USB MWARA NAT-E. Canadian AF 15001. selcal
ASCQ. working New York for posn. fuel status and selcal
check 22/Jun/2004 (TR)
06628.0 69-0002: 2359 USB MWARA NAT-E. Reach 69-0002. selcal
FSAP. working New York for selcal check 22/Jun/2004 (TR)
06655.5 fishermen: 2002 USB portug with engine noise ...Aug23 04ML
06679.0 ---: Tokyo Vol 1210 USB EE wx Report (03/09/04) (AJP)
06679.0 ---: Auckland Vol 1153 USB EE wx report (03/09/04) (AJP)
06679.0 ---: Honolulu Vol 1155 USB EE Pacific WX report
(03/09/04) (AJP)
06680 : NATO Tactical Data System 2224 LINK-11/2250/USB
TADIL-A. (24Aug04) (RGA)
06685.0 Miniature: Unknown (USAF?) 0930 USB / Miniature calling
JetClaw "...in the red." Scrmbld Comms (06/Sep/2004) (Nick C)
06693.0 RVPE : Yeniseysk/Tyumen.RUS VOLMET J3E/USB
2120 WX RUS. (16-Ago) (BC)
06694.0 Halifax Military: 0055 USB w/Canforce Rescue 908
(unidentified-not heard) in pp w/Rescue Coordination
Center (RCC) who advises that vessel is at 4402N/5627W
and will continue proceeding north until it reaches the
harbor. 05/08 RP3
06697 DECURRENT: EAM Bcast 1806 USB DWTY4F simulcast on at
least 8992 and 11244 with nothing heard on 13155. Bcast
concluded with an AKAC 369 message of 3 groups
(Q2V JZK KBB). (29 Aug 04) (JH)
06697.0 was active at 2007z 18 Sep 04 with EQUALITY (weak/barely
readable) bcsting FP3MNR and FP4MXC, simulcasting same on
at least 8992.0 (weak/fair) and 11244.0 (fair) with
nothing heard on 13155.0. H+07/h+37 activity.(JH)
06700 P221ID: Unid US Army/NGB 1832 ALE/USB Sounding. (22Aug04)
(RGA)
06712 D-ALCA: Lufthansa Cargo MD11 Flt LH8413 2036 HF DL At
4628N 02111E. (25Aug04) (RGA)
06712 D-ALCA: Lufthansa Cargo MD11F 2245 HF DL Signs on to ARINC
Reykjavik. (21Aug04) (RGA)
06712 N322UP: UPS B767 Flt UP6741 1948 HF DL Posn report 5250N

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00120w to ARINC Reykjavik. (25Aug04) (RGA)
06712 OH-LBX: Finnair B757 Flt AY4754 2240 HF DL At 5322N
00216w. (21Aug04) (RGA)
06712 VP-BWK: Aeroflot A319 Flt SU0263 2000 HF DL Posn 4822N
01729E. (25Aug04) (RGA)
06712 ZS-SXB: SAA A340 2005 HF DL Logs on. (25Aug04) (RGA)
06712.0 ---: ARINC-03 Reykjavik 0250 HF DL Squitters (28/08/04) (AJP)
06712.0 H03: HF DL-GS H03 Reykjavik 1900 HF DL/USB [HFNPDU
ACARS GND STN] 14/Jul/2004 (TR)
06712.0 UPS UP6727: 1852 HF DL/USB [HFNPDU PERFORMANCE]
18:52:26 UTC Flight ID = UP6727 LAT 51 3 46 N LON 8 12 18 W
14/Jul/2004 (TR)
06712.0 UPS UP6741: 1851 HF DL/USB [HFNPDU PERFORMANCE]
18:51:32 UTC Flight ID = UP6741 LAT 60 22 20 N
LON 9 10 3 W 14/Jul/2004 (TR)
06715 JDGSPR: USAF SIPRNet Stn Puerto Rico 1827 ALE/USB
Sounding. (22Aug04) (RGA)
06715.5 : UNID.UNID UNID FSK 100/158 2223 N-D . (14-Ago) (BC)
06716 : Unid 2105 USB ANDVT. (25Aug04) (CC)
06721 JDG: USAF Puerto Rico 1830 ALE/USB Calls GUA/Anderson AFB
Guam. (22Aug04) (RGA)
06721.0 160020: USAF C5 86-0020 0256 MIL.STD 188.141A ALE on usb.
Sounding. (24/Aug)(DW)
06721.0 250102: USAF C17 95-0102 0404 MIL.STD 188.141A ALE on
usb. Sounding. Also 0409 (24/Aug)(DW)
06721.0 ADW: USAF ANDREWS 0105 MIL.STD 188.141A ALE on usb.
Sounding. Also 0314 (24/Aug)(DW)
06721.0 CRO: USAF CROUGHTON 2008 MIL.STD 188.141A ALE on usb.
Sounding. Also 2010 2110 (23/Aug)(DW)
06721.0 CRO: USAF CROUGHTON 2359 MIL.STD 188.141A ALE on usb.
Sounding (24/Aug)(DW)
06721.0 E30352IGM: (E-3B AWACS # 77-0352): 1502 USB/ALE TO ADW
(Andrews)--[AMD]CCCCD8,5745907NNNN (Langley AFB VA).
16/07 RP3
06721.0 HAW: USAF ASCENSION 0218 MIL.STD 188.141A ALE on usb.
Clng JDG. 0410 clng IKF. 0504 responds to ICZ
(24/Aug)(DW)
06721.0 HAW: USAF ASCENSION 2007 MIL.STD 188.141A ALE on usb.
Sounding. (23/Aug)(DW)
06721.0 ICZ: USAF SIGONELLA 0325 MIL.STD 188.141A ALE on usb.
Sounding. 0504Clng HAW (24/Aug)(DW)
06721.0 IKF: USAF KEFLAVICK 0025 MIL.STD 188.141A ALE on usb.
Sounding. Also 0205 clng ICZ. 0217 sounding. (24/Aug)(DW)
06721.0 IKF: USAF KEFLAVICK 2009 MIL.STD 188.141A ALE on usb.
Sounding. Also 2109 (23/Aug)(DW)
06721.0 JDG: USAF DIEGO GARCIA 0121 MIL.STD 188.141A ALE on usb.
Sounding. Also 2223 (24/Aug)(DW)
06721.0 JDG: USAF DIEGO GARCIA 2020 MIL.STD 188.141A ALE on usb.
Sounding. Also 2034, 2105 (23/Aug)(DW)
06721.0 JNR: USAF ROOSEVELT ROADS 0020 MIL.STD 188.141A ALE on
usb. Sounding. Also 0120. 0222 clng MCC. 0317 sounding
(24/Aug)(DW)
06721.0 MPA: USAF MOUNT PLEASANT 0002 MIL.STD 188.141A ALE on
usb. Sounding. Also 0148 0202 2216 2316 (24/Aug)(DW)
06721.0 MPA: USAF MOUNT PLEASANT 2043 MIL.STD 188.141A ALE on
usb. Sounding. Also 2101 (23/Aug)(DW)
06721.0 PLA: USAF LAJES 0054 MIL.STD 188.141A ALE on usb.
Sounding. Also 0154. 0217 clng ADW. 0921 clng JNR. 2256
sounding. (24/Aug)(DW)
06721.0 PLA: USAF LAJES 2006 MIL.STD 188.141A ale on usb.
Sounding. Also 2013 (23/Aug)(DW)
06721.0 UNID: ALE ID PNR400 0233 ALE / Sounding
(12/Sep/2004)(Mike,w9WIS)
06730.0 OGW: unid Aircraft 1408 USB wkg DHJ59 wilhelmshaven.
sending Ratt (30/Jun/04) (KK)
06730.0 6HU: unid Aircraft 1357 USB wkg DHJ59 wilhelmshaven. WX
Request for ETMN Nordholz (30/Jun/04) (KK)
06732.0 Camslant Chesapeake: 0107 USB w/ALE (LANT to J36) then

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calls Juliet 36 in voice. CG 6036 (HH-60 6036,
CGAS Clearwater) responds w/ops normal report. 21/07 RP3
06739 OFFUTT: Offutt AFB NE 0555 USB Passing EAM. (28Aug04) (CC)
06754.0 Trenton Military: 0135 USB w/volmet. 24/08 RP3
06754.0 Trenton Military: 0130 USB w/volmet. 05/09 RP3
06758.7 MKL: RN Northwood 0500 rty 75/850 Regular bursts
(01/Sep/04) (RH2)
06759.0 unid: Nato ? 2118 unid 75/850 KG84 with reversals at hte
beginning and end , carrier off between telegrams
29Aug04 (wp3)
06760.0 FF flight FE 0855: USB /more noisy /french "end of
survey..."Aug29 04ML
06760.0 unid: FF flight 0835 USB d/x french "pos ...aspea...call
you againbefore landing ..."Aug29 04 ML
06774.1 AFA1HV AF MARS 0540 P-I/100Bd clg from unid (15/AUG/04) (KK)
06775 ANTARNET01: Unid 1838 ALE/USB Calls ASSADNET01. (22Aug04)
(RGA)
06775.0 ANTARNET0-1:UNID 2127 MIL.STD 188-141A ALE on usb. C1ng
ASSADNET01 [AMD...ADNET01@ET01@@. Also 2146z (20/Aug)(DW)
06777.0 b02: : 1353 MIL-STD 188/141A TO: S03 TO: S03 TO: S03
TO: S03 TO: S03 TO: S03 THIS IS: B02 31Aug04 (wp3)
06777.0 s01: : 1355 MIL-STD 188/141A S03 TO: S03 TO: S03 TO:
S03 TO: S03THIS IS: S01 THIS IS:S01 THIS IS: S01
31Aug04 (wp3)
06785.0 LRC1 (Army Corps of Engineers. Great Lakes Region.
Chicago): 2235 USB/ALE sounding. 30/08 RP3
06785.0 LRC1: (Army Corps of Engineers, Great Lakes Region,
Chicago): 2235 USB/ALE sounding. 30/08 RP3
06785.0 LRN1(Army Corps of Engineers. Great Lakes Region.
Nashville): 2223 USB/ALE sounding. 30/08 RP3
06785.0 LRN1:(Army Corps of Engineers, Great Lakes Region,
Nashville): 2223 USB/ALE sounding. 30/08 RP3
06785.0 MAR1L: UNID 1000 MIL.STD 188.141A ALE on usb. C1ng
NEBRSL/Brazilian Frigate Brasil. Also 1016 (21/Aug)(DW)
06795.0 Unid: 0554 mode??arq-e ? sig 5/10 Aug23 04 ML
06800.0 555: UNID 2350 MIL.STD 188.141A ALE on usb. C1ng 01
(22/Aug)(DW)
06810.0 RUKBATGELVIL:UNID 0228 MIL.STD 188-141A ALE on usb. C1ng
MPB1GELVIL (20/Aug)(DW)
06810.0 RUKBATGELVIL:UNID 0228 MIL.STD 188-141A ALE on usb. C1ng
MPB1GELVIL. Also at 0336, 0338 (20/Aug)(DW)
06824.5 AT4TFC: MARS Gateway Reg. 4 Baker OH 0530 P-I/100Bd clg
from unid (15/AUG/04) (KK)
06828.0 AI8W: U/I 1630 CW / kd2n kd2n kd2n de ai8w ai8w v
(repeating) (12/Sep/2004) (Attu Bosch)
06830.0 Unid: 2005 CW encrypted ? Aug23 04ML
06831 : Unid 2105 USB ANDVT. (25Aug04) (CC)
06835.5 FDY: FAF Orleans 1610 CW vvv de FDY ar (08Sept04) (ZE)
06840.0 E10: Israel Intel Mossad 0255 AM (28/08/04) (AJP)
06844.0 U... : UNID.CIS CIS MIL RYS-SYS 75/180 1838 N-D . (28-Ago)
(BC)
06848.0 0000001111:TURKISH NAT INTEL ?LOC 0112 MIL.STD 188.141A
ALE on usb. Sounding. Also at 0213 0313 0414 0645 1821
2053 (22/Aug)(DW)
06860 : Russian Military 2220 REVS/100/180 FSK Morse: QRJ? K.
OK SK. offair. (24Aug04) (RGA)
06870.0 DRAGOTI: Albanian MIL or MOI Dragoti 1610 USB
ALE/MIL-188-141A clg DRACOVA, ALB (15/AUG/04) (KK)
06880 777: clg 1010P1 Unid ALE 2110 05-09-04 [sw]
06880 777: clg 953 Unid ALE 2210 03-09-04 [sw]
06880 953: clg 777 Unid ALE 2210 03-09-04 [sw]
06880.0 555: UNID 0150 MIL.STD 188.141A ALE on usb. C1ng 01
(23/Aug)(DW)
06880.0 777: UNID 0109 MIL.STD 188.141A ALE on usb. C1ng 101
(23/Aug)(DW)
06880.0 777: UNID 2309 MIL.STD 188.141A ALE on usb. C1ng 101
(22/Aug)(DW)
06895 CGA: HQ Venezuelan Army 2210 ALE/USB To BNA/Base Naval

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Amario Venezuelan Navy/River Forces. Soundings followed by ANDVT and some other digital not for sure what it is. (25Aug04) (CC)

06895 PR1: Brazillian Navy Parana 2224 ALE/USB To BNA/Base Naval Amario Venezuelan Navy/River Forces. Soundings followed by ANDVT. (25Aug04) (CC)

06895.0 BNG: UNID 0318 MIL.STD 188.141A ALE on usb. CIng CGA (23/Aug)(DW)

06895.0 PR1(River Patrol Craft "Lago1" PBR-1): 2307 USB/ALE TO CGA (HQs, Venezuelan Navy). 15/09 RP3

06900.0 ADDISABABA:FRENCH EMB ADDIS ABABA 0259 MIL.STD 188-141A ALE on usb. CIng BUJUMBURA (19/Aug)(DW)

06900.0 ADDISABABA: F Emb Addisabeba 0252 USB/ALE to BUJUMBURA F Emb (12Sept04) (ZE)

06900.0 AMMAN: F Emb Amman 0307 USB/ALE to CER42 MFA Paris (12Sept04)(ZE)

06900.0 BUJUMBURA: F Emb Bujumbura BDI 0303 USB/ALE to KHARTOUM F Emb (12Sept04)(ZE)

06900.0 CER11: MFA PARIS? 0946 MIL.STD 188.141A ALE on usb. CIng RABAT. Also at 0954, 1553. (24/Aug)(DW)

06900.0 CER41: MFA PARIS 0132 MIL.STD 188-141A ALE on usb. Responds to LECAIRE (19/Aug)(DW)

06900.0 CER42: MFA Paris 0401 USB/ALE to AMMAN F Emb (12Sept04)(ZE)

06900.0 KHARTOUM: F Emb Khartoum 0303 USB/ALE to BUJUMBURA F Emb (12Sept04)(ZE)

06900.0 LECAIRE:FRENCH EMB CAIRO 0132 MIL.STD 188-141A ALE on usb. CIng CER41/Paris. Also 0149 0332 0357 (19/Aug)(DW)

06909.0 fishermen: 0702 USB span Jul04 04 ML

06911.0 S01: NORWEGIAN NAVY ?LOC 0853 MIL.STD 188.141A ALE on usb. CIng S03 (24/Aug)(DW)

06911.5 R26991: (UH-60, 1/159th Avn): 1412 USB/ALE TO T1Z159 (1/159th Avn, Ft Bragg NC). 21/07 RP3

06915.0 JE2: UNID 0608 MIL.STD 188-141A ALE on usb. CIng ZVZ (19/Aug)(DW)

06918.0 : UNID.UNID UNID FSK 50/247 2020 N-D . (14-Ago) (BC)

06921.0 DOB: UNID 0237 MIL.STD 188-141A ALE on usb. CIng TM4 (19/Aug)(DW)

06921.0 TM4: UNID 0445 MIL.STD 188-141A ALE on usb. CIng TM1 (19/Aug)(DW)

06926.0 U... : UNID.CIS CIS MIL RUS-SYS 75/220 1833 N-D . (24-Ago) (BC)

06928.0 1206: TURKISH BRDR GUARD? ?LOC 2327 MIL.STD 188.141A ALE on usb. Sounding (22/Aug)(DW)

06933.0 RS1: BA RIO GRANDE DO SUL 0001 MIL.STD 188.141A ALE on usb. Sounding. Alos 0043 (22/Aug)(DW)

06936.0 U... : UNID.CIS CIS MIL RYS-SYS 75/180 2225 N-D . (18-Ago) (BC)

06941.7 Unid: RN/NATO? 1722 RTTY/75/850 Crypto. (29/Aug/04) (RH2)

06942.0 : UNID.UNID CIS MIL NATO 150/850 2126 N-D . (16-Ago) (BC)

06959.0 E3: 2006 USB y1 & lincolnshire poacher sound Aug23 04ML

06963.0 U... : UNID.CIS CIS MIL CW 0607 GR(A) . (31-Ago) (BC)

06966.0 0000001220:TURKISH NAT INTEL ?LOC 0305 MIL.STD 188.141A ALE on usb. Sounding (21/Aug)(DW)

06966.0 0000001220:TURKISH NAT INTEL ?LOC 2333 MIL.STD 188-141A ALE on usb. Sounding (20/Aug)(DW)

06973.5 : UNID.UNID UNID J3E/USB 0612 TFC GRE SIMPLEX (31-Ago) (BC)

06979.0 : UNID.UNID UNID FSK 50/850 2215 N-D . (08-Ago) (BC)

06981.0 HR: SONATRACH HASSI R'MEL 0526 MIL.STD 188-141A ALE on usb. Sounding. (20/Aug)(DW)

06981.0 INA: SONATRACH IN AMENAS 0215 MIL.STD 188-141A ALE on usb. Sounding. (20/Aug)(DW)

06985.0 KFMHNG: UNID 0035 MIL.STD 188-141A ALE on usb. Sounding. Also 0236, 0607 (20/Aug)(DW)

06985.0 KFMHNG: UNID 2234 MIL.STD 188-141A ALE on usb. Sounding (19/Aug)(DW)

07000.0 fishermen: 2007 USB french Aug23 04ML
07032.9 19cc: unid chin ? 2041 cw cp17 de 19cc 19cc v cp17 de
19cc 19cc v 22-Jul-04 (wp3)
07039 C: MX Beacon Moscow 0012 CW // 5154 13528 20049 16332.
(21Aug04) (WC)
07039 C: MX Beacon Moscow 1755 CW D/Odessa-7038.7;
P/Kaliningrad-7038.8 (23Aug04) (RGA)
07305.0 JMH: Tokyo Meteo 1045 Fax 120 //13597 QRM Bradcasting
(26/07/04) (AJP)
07325.0 'RTQFKBR' : UNID.TUR TuF BAUDOT 50/850 0613 RY+QRA .
(25-Ago) (BC)
07325.0 'RTQFKCR' : UNID.TUR TuF BAUDOT 50/850 0617 RY+QRA .
(25-Ago) (BC)
07335.0 CHU: OTTAWA TS 0710 USB/CW /dig?Jul04 04 ML
07339.0 SCLC51: VENEZUELAN MIL CIUDAD BOLIVAR 0100 MIL.STD
188-141A ALE on usb. C1ng CLC51. Also 0113 0207 (28/Aug)(DW)
07348.0 441FEMAUX (FEMA Auxillary Station,Orlando, FL): 1403
USB/ALE sounding. 05/09 RP3
07348.0 WV3: (FEMA Region 3 unit, west Virginia): 1627 USB/ALE
USB/ALE sounding. 12/08 RP3
07360.0 TL2131: UNID (US?) 0526 MIL.STD 188-141A ALE on usb.
Sounding. Also at 0626z (27/Aug)(DW)
07365.0 JE2: UNID 0609 MIL.STD 188-141A ALE on usb. C1ng PV2
(27/Aug)(DW)
07365.0 JE2: UNID 2321 MIL.STD 188-141A ALE on usb. C1ng SL2 [cmd
crc 6bb2] (26/Aug)(DW)
07370.0 AAA: ISRAELI AF TEL AVIV 0005 MIL.STD 188-141A ALE on
usb. Sounding. Also at 0125, 0231, 0231, 0256, 0318
(27/Aug)(DW)
07370.0 AAA: ISRAELI AF TEL AVIV 2053 MIL.STD 188-141A ALE on
usb. Sounding. Also 2218, 2249z (26/Aug)(DW)
07390.0 AA1: ISRAELI AF BEN GURION 0007 MIL.STD 188-141A ALE on
usb. Sounding. Also 0208 (28/Aug)(DW)
07390.0 AA1: ISRAELI AF BEN GURION 2307 MIL.STD 188-141A ALE on
usb. Sounding (27/Aug)(DW)
07390.0 AAA: ISRAELI AF TEL AVIV 0513 MIL.STD 188-141A ALE on
usb. Sounding. (28/Aug)(DW)
07390.0 AAA: ISRAELI AF TEL AVIV 2311 MIL.STD 188-141A ALE on
usb. Sounding (27/Aug)(DW)
07390.0 BB1: ISRAELI AF PALMACHIN 2234 MIL.STD 188-141A ALE on
usb. Sounding. Also 2335 (27/Aug)(DW)
07390.0 BB1: ISRAELI AF PALMACLIN 0135 MIL.STD 188-141A ALE on
usb. Sounding (28/Aug)(DW)
07399.0 CLC51: VENEZUELAN MIL CAICARA DE ORINOCO 2250 MIL.STD
188-141A ALE on usb. C1ng SCLC514. Also 2300 (27/Aug)(DW)
07399.0 PC1: VENEZUELAN MIL ?LOC 2225 MIL.STD 188-141A ALE on
usb. C1ng CLC (27/Aug)(DW)
07399.0 PCRC5: VENEZUELAN MIL ?LOC 0033 MIL.STD 188-141A ALE on
usb. C1ng CLC51. Also 0047 0054 (28/Aug)(DW)
07399.0 PCRC5: VENEZUELAN MIL ?LOC 2306 MIL.STD 188-141A ALE on
usb. C1ng CLC51 (27/Aug)(DW)
07399.0 SCLC501: (Communications Logistics Center, 501st HQs Bn,
Venezuelan Army): 0028 USB/ALE TO CLC51 (Communications
Logistics Center, 51st Jungle Inf Bde). ALE handshake
followed by encrypted voice. Also noted on 12191.0.
10/08 RP3
07399.0 SCLC512:VENEZUELAN MIL CIUDAD BOLIVAR 0119 MIL.STD
188-141A ALE on usb. C1ng CLC51 (28/Aug)(DW)
07399.0 SCLC514:VENEZUELAN MIL CIUDAD BOLIVAR 0027 MIL.STD
188-141A ALE on usb. C1ng CLC51. Also 0052 0206 (28/Aug)(DW)
07400.0 AA2: ISRAELI AF BEN GURION 0104 MIL.STD 188-141A ALE on
usb. C1ng ACCES2 (29/Aug)(DW)
07400.0 AA2: ISRAELI AF BEN GURION 2204 MIL.STD 188-141A ALE on
usb. C1ng ACCES2. Also 1904 (28/Aug)(DW)
07400.0 LOF: Ushaia R? 1705 fax? Loud fax toning noises!
(01/sep/04) (RH2)
07417.0 LCR155: POLISH MIL WARSAW 1810 MIL.STD 188-141A ALE on
usb. Responding to SPI324 (29/Aug)(DW)

WUN-v10

07417.0 SPI324: POLISH MIL ?LOC 1810 MIL.STD 188-141A ALE on usb.
C1ng LCR155 (29/Aug)(DW)

07422.7 PWR-44: BN Rio Grande do Sul 1214 SITOR Calling Y22,
P55.Y99, Y27 (14/07/04) (AJP)

07433.5 HLL2: Seoul Meteo 2133 FAX 120/576 chart. (1-Jul-04) (JUM)

07433.5 HLL: Seoul Meteo 1207 FAX 120 End of chart (14/07/04) (AJP)

07440 V: MX Beacon Tashkent 0112 CW (21Aug04) (WC)

07440.0 V: Unid 0102 CW "v" Marker (04/08/04) (AJP)

07441.0 2BG: POLISH ARMY IRAQ 0319 MIL.STD 188-141A ALE on usb.
C1ng BF2 (30/Aug)(DW)

07455.0 : UNID.UNID UNID FSK 50/850 0544 N-D . (17-Ago) (BC)

07460.0 AAA: ISRAELI AF TEL AVIV 2323 MIL.STD 188-141A ALE on
usb. Sounding. (31/Aug)(DW)

07465.0 1116: UNID 2116 MIL.STD 188-141A ALE on usb (31/Aug)(DW)

07477.0 JE2 : UNID.UNID UNID ALE/USB 0621 CLG ZV2 . (25-Ago) (BC)

07477.0 D01: UNID EUROPEAN NET? 0828 MIL.STD 188-141A ALE on usb.
C1ng D02. 0836 c1ng DNET (01/Sep)(DW)

07477.0 D02: UNID EUROPEAN NET? 0722 MIL.STD 188-141A ALE on usb
. C1ng DNET (02/Sep)(DW)

07477.0 D02: UNID EUROPEAN NET? 1240 MIL.STD 188-141A ALE on usb.
C1ng D05, also at 1250, 1252. 1243 c1ng D08. 1256 responds to
D09. 1428 C1ng D07. 1939 responds to D08 (01/Sep)(DW)

07477.0 D03: UNID EUROPEAN NET? 1404 MIL.STD 188-141A ALE on usb.
C1ng D02. Also 1413 (01/Sep)(DW)

07477.0 D08: UNID EUROPEAN NET? 1243 MIL.STD 188-141A ALE on usb.
C1ng D02. 1244 responds to D02 (01/Sep)(DW)

07477.0 D09: UNID EUROPEAN NET? 0902 MIL.STD 188-141A ALE on usb.
C1ng D05 1256 c1ng D02 (01/Sep)(DW)

07477.0 L02: UNID EUROPEAN NET? 0638 MIL.STD 188-141A ALE on usb.
C1ng L06 also at 0649 (02/Sep)(DW)

07477.0 L02: UNID EUROPEAN NET? 1539 MIL.STD 188-141A ALE on usb.
C1ng L11. 1722 c1ng L06. Also 1921 (01/Sep)(DW)

07477.0 L06: UNID EUROPEAN NET? 1712 MIL.STD 188-141A ALE on usb.
Responds to L02. Also 1921 (01/Sep)(DW)

07499.0 LAGUNE: AUSTRIAN NET ?LOC 1658 MIL.STD 188-141A ALE on usb.
C1ng NEBEL (01/Sep)(DW)

07499.0 NEBEL: AUSTRIAN NET ?LOC 0704 MIL.STD 188-141A ALE on usb.
C1ng NETZ1, also at 0720 (02/Sep)(DW)

07499.0 NEBEL: AUSTRIAN NET ?LOC 1059 MIL.STD 188-141A ALE on usb.
C1ng NETZ1, also 1706 (01/Sep)(DW)

07499.0 TABOR: AUSTRIAN NET ?LOC 0720 MIL.STD 188-141A ALE on usb.
C1ng NEBEL (02/Sep)(DW)

07499.0 TABOR: AUSTRIAN NET ?LOC 1637 MIL.STD 188-141A ALE on usb.
C1ng NEBEL. 1657 c1ng STUDENT (01/Sep)(DW)

07500.0 AA1: ISRAELI AF BEN GURION 1700 MIL.STD 188-141A ALE on usb.
C1ng ACC (02/Sep)(DW)

07502.0 BI21: UNID 1803 MIL.STD 188-141A ALE on usb. C1ng HN22.
Also at 1823 (02/Sep)(DW)

07502.0 MI2: UNID 1808 MIL.STD 188-141A ALE on usb. C1ng HN2
[AMD]KN22@@ (02/Sep)(DW)

07503.0 X30: UGANDAN SPLA? 0045 MIL.STD 188-141A ALE on usb. Sounding NG
(03/Sep)(DW)

07508 ZSJ: SAN Silvermine 1110 FAX/120/576 Sea Level Pressures -
Clean // 13538 (21/Aug/04) (RH2)

07508.0 ZSJ: HydroSAN Silvermine 0950 rtty 75/170 wx (02/Sep/04) (RH2)

07510.0 USAIS1012: US ARMY ?LOC 2222 MIL.STD 188-141A ALE on usb. C1ng
USADA1010 (02/Sep)(DW)

07512.0 TWBA: GUARDIA CIVIL BARCELONA 1400 MIL.STD 188-141A ALE on usb.
C1nbg TXXX. Also 1745 (02/Sep)(DW)

07512.0 TYME: GUARDIA CIVIL MADRID 0549 MIL.STD 188-141A ALE on usb.
C1ng TXXX. 0631 c1ng TZSU, also 0638, 0645 (03/Sep)(DW)

07512.0 TZSH: GUARDIA CIVIL HUELVA 0630 MIL.STD 188-141A ALE on usb.
C1ng TXXX [CMD crc B7FF]. Also 0717 (03/Sep)(DW)

07513.0 FDG: FAF BORDEAUX 1433 CW Marker "vvv de FDG ar" (29/Aug)(DW)

07515 Unid 1955 AM/CW beeps, about 57/min. Buzzing, overmodulated
sound (03Sep04)(KB)

07516.0 CGGN: VENEZUELAN NG COM GENERAL 0104 MIL.STD 188-141A ALE on
usb. C1ng CUFAN1. 0110 c1ng MIRA1. 0504 c1ng CUFAN1 (03/Sep)(DW)

07516.0 CUFAN1: VENEZUELAN NG 0504 MIL.STD 188-141A ALE on usb. Responds to CGGN (03/Sep)(DW)

07516.0 CUFAN3: VENEZUELAN NG 0304 MIL.STD 188-141A ALE on usb. cIng DESTAFAC23 (03/Sep)(DW)

07516.0 DESTAFAC23: VENEZUELAN NG 0304 MIL.STD 188-141A ALE on usb. Responds to CUFAN3. 0334 cIng CGGN [CMD Noise Report]. 0734 cIng CGGN (03/Sep)(DW)

07516.0 DESTAFAC23: VENEZUELAN NG 2304 MIL.STD 188-141A ALE on usb. cIng CUFAN3 2334 cIng CGGN (02/Sep)(DW)

07521.5 FDY : Orleans.F FAF BAUDOT 50/400 0902 RY+TEST . (26-Ago) (BC)

07527.0 705: USCG? 2200 MIL.STD 188-141A ALE on usb. Responds to LNT. Also at 2300 (03/Sep)(DW)

07527.0 720: USCG? 0204 MIL.STD 188-141A ALE on usb. Sounding. Also 0228 (04/Sep)(DW)

07527.0 720: USCG? 2300 MIL.STD 188-141A ALE on usb. Sounding. Also 2342 (03/Sep)(DW)

07527.0 CS9: US BICE BEAUFORT 0430 MIL.STD 188-141A ALE on usb. Sounding (04/Sep)(DW)

07527.0 CS9: US BICE BEAUFORT 2357 MIL.STD 188-141A ALE on usb. [CMD] Noise Report (03/Sep)(DW)

07527.0 J17: UNID 0131 MIL.STD 188-141A ALE on usb. Sounding (04/Sep)(DW)

07527.0 J24: UNID 2302 MIL.STD 188-141A ALE on usb. Sounding (03/Sep)(DW)

07527.0 LNT: USCG CAMSLANT 2052 MIL.STD 188-141A ALE on usb. cIng J18 or J78. 2200 cIng 705, also 2300, 2327 (03/Sep)(DW)

07531.0 5JC: UNID 1722 MIL.STD 188-141A ALE on usb. cIng 4BF. 1727 cIng 6HI. 1740 cIng 0FY also at 1740. (03/Sep)(DW)

07532.0 0000210001: GREEK ARMY ?LOC 2321 MIL.STD 188-141A ALE on usb. Sounding (03/Sep)(DW)

07548.0 AAA: ISRAELI AF TEL AVIV 2222 MIL.STD 188-141A ALE on usb. Sounding. (03/Sep)(DW)

07554.6 FUG: French Navy La Regine, F 0816 FSK 300Bd/ 850Hz, non stop encrypted tfc., slightly over- modulated signal (05Sep04) (LDO)

07560.5 ---: Unid 2257 Piccolo 12 tones (20/07/04) (AJP)

07590.0 AFRTS Keflavik: 0130 USB EE AFRTS news (14/07/04) (AJP)

07598.0 IET58 : Pesaro.I CC J3E/LSB 0748 WKG IEA20 . (23-Ago) (BC)

07598.0 IET580 : Fano.I CC J3E/LSB 0748 WKG IEA20 . (23-Ago) (BC)

07598.0 IET581 : Navafeltria.I CC J3E/LSB 0748 WKG IEA20 . (23-Ago) (BC)

07598.0 IET662 : UNID.I CC J3E/LSB 0755 WKG IEA20 . (23-Ago) (BC)

07598.0 IET663 : UNID.I CC J3E/LSB 0816 WKG IEA20 . (23-Ago) (BC)

07598.0 IET664 : UNID.I CC J3E/LSB 0817 WKG IEA20 . (23-Ago) (BC)

07598.0 IET665 : UNID.I CC J3E/LSB 0817 WKG IEA20 . (23-Ago) (BC)

07598.0 IET67 : Pistoia.I CC J3E/LSB 0803 WKG IEA20 . (23-Ago) (BC)

07598.0 IET670 : Montecatini Terme.I CC J3E/LSB 0819 WKG IEA20 . (23-Ago) (BC)

07598.0 IET671 : Luino.I CC J3E/LSB 0820 WKG IEA20 . (23-Ago) (BC)

07598.0 IET675 : UNID.I CC J3E/LSB 0820 WKG IEA20 . (23-Ago) (BC)

07598.0 IET68 : UNID.I CC J3E/LSB 0821 WKG IEA20 . (23-Ago) (BC)

07598.0 IET680 : UNID.I CC J3E/LSB 0821 WKG IEA20 . (23-Ago) (BC)

07598.0 IET681 : UNID.I CC J3E/LSB 0821 WKG IEA20 . (23-Ago) (BC)

07598.0 IET682 : UNID.I CC J3E/LSB 0821 WKG IEA20 . (23-Ago) (BC)

07598.0 IET683 : UNID.I CC J3E/LSB 0821 WKG IEA20 . (23-Ago) (BC)

07598.0 IET69 : UNID.I CC J3E/LSB 0821 WKG IEA20 . (23-Ago) (BC)

07598.0 IET691 : UNID.I CC J3E/LSB 0821 WKG IEA20 . (23-Ago) (BC)

07598.0 IET71 : UNID.I CC J3E/LSB 0812 WKG IEA20 . (23-Ago) (BC)

07598.0 IET710 : UNID.I CC J3E/LSB 0812 WKG IEA20 . (23-Ago) (BC)

07598.0 IET72 : UNID.I CC J3E/LSB 0821 WKG IEA20 . (23-Ago) (BC)

07598.0 IET720 : UNID.I CC J3E/LSB 0821 WKG IEA20 . (23-Ago) (BC)

07598.0 IET73 : Pisa.I CC J3E/LSB 0822 WKG IEA20 . (23-Ago) (BC)

07598.0 IET730 : Pontedera.I CC J3E/LSB 0831 WKG IEA20 . (23-Ago) (BC)

07598.0 IET731 : San Miniato.I CC J3E/LSB 0831 WKG IEA20 . (23-Ago) (BC)

WUN-v10

07598.0 IET732 : Volterra.I CC J3E/LSB 0831 WKG IEA20 .
(23-Ago) (BC)

07598.0 IET75 : UNID.I CC J3E/LSB 0822 WKG IEA20 .
(23-Ago) (BC)

07598.0 IET76 : Grosseto.I CC J3E/LSB 0822 WKG IEA20 .
(23-Ago) (BC)

07598.0 IET760 : Orbetello.I CC J3E/LSB 0822 WKG IEA20 .
(23-Ago) (BC)

07598.0 IET761 : Massa Marittima.I CC J3E/LSB 0823 WKG IEA20 .
(23-Ago) (BC)

07598.0 IET762 : Seggiano.I CC J3E/LSB 0823 WKG IEA20 .
(23-Ago) (BC)

07598.0 IET763 : Pitigliano.I CC J3E/LSB 0823 WKG IEA20 .
(23-Ago) (BC)

07598.0 IEU586 : UNID.I CC J3E/LSB 0653 WKG IEA20 . (29-Ago) (BC)

07598.0 IEU743 : UNID.I CC J3E/LSB 0718 WKG IEA20 . (12-Ago) (BC)

07600 AT6: Unid Israeli AF 1700 ALE/USB Calls AA3/Israeli AF
Ben Gurion. (22Aug04) (RGA)

07600.0 AT6: ISRAELI AF? ?LOC 0500 MIL.STD 188-141A ALE on usb.
Clng AA3/Ben Gurion (07/Sep)(DW)

07600.0 AT6: ISRAELI AF? ?LOC 1700 MIL.STD 188-141A ALE on usb.
Clng AA3/Ben Gurion (06/Sep)(DW)

07602.0 022NHQCAP: US CAP MAXWELL AFB 0254 MIL.STD 188-141A ALE
on usb. Sounding (07/Sep)(DW)

07602.0 046HNQCAP: US CAP HQ 2342 MIL.STD 188-141A ALE on usb.
Sounding (06/Sep)(DW)

07602.0 046NHQCAP: US CAP HQ MIL.STD 188-141A 0136 MIL.STD 188-141A
ALE on usb. Sounding. Also 0144 (07/Sep)(DW)

07606 002: clg 001 Unid ALE 0905 14-09-04 [sw]

07606 002: clg 001 Unid ALE 1322 14-09-04 [sw]

07606 003: clg 001 Unid ALE 0908 14-09-04 [sw]

07611.0 DFAULT: UNID FAA??? 0422 USB/ALE snd tws DFAULT 15/Aug/04 (ZE)

07611.0 FAAZBW: FAA Boston ARTCC 0635 USB/ALE snd tws FAAZBW 18/Aug/04
(ZE)

07611.0 FAAZJX: FAA Jacksonville ARTCC 0057 USB/ALE snd tws FAAZJX
15/Aug/04 (ZE)

07611.0 FAAZJX: US FAA JACKSONVILLE 0213 MIL.STD 188-141A ALE on usb.
Sounding. Also 0313 (07/Sep)(DW)

07611.0 FAAZMP: FAA Minneapolis ARTCC 0558 USB/ALE snd tws FAAZMP
15/Aug/04 (ZE)

07620.0 0000006666: TURKISH NAT INT ?LOC 0009 MIL.STD 188-141A ALE
on usb. Sounding. Also 0054 0224 (07/Sep)(DW)

07620.0 0000006666: TURKISH NAT INT ?LOC 2348 MIL.STD 188-141A ALE
on usb. Sounding (06/Sep)(DW)

07621.6 CGD9 (CG District 9, Cleveland OH): 0030 USB/ALE TO NRKP
(USCGC Mackinaw (WAGB-83-Cheboygan, MI). 08/09 RP3

07629 RIW: Naval HQ Moscow 2130 CW Ends 5FG msg then receives
5LG msg from warship RGV82. Freq 7629.75 unusual offset.
Spurious?
(23Aug04) (RGA)

07644.2 FUV : Djibouti.DJI FN ARQ-E3 100/379 2217 IDLE .
(14-Ago) (BC)

07644.2 RFVI FN 1e Port REU 16:58 ARQ-E3 / 100 / 400 beta idle
on RUN circuit to Djibouti

07644.2 RFVI: FN 1e Port REU 16:58 ARQ-E3 / 100 / 400 beta idle
on RUN circuit to Djibouti 31aug (PP)

07646.0 DDH7: HAMBURG MET 2052 RTTY 50/N/450 wx fcst - Baltic area
(26/Aug)(DW)

07650.0 2525: UNID 1543 MIL.STD 188-141A ALE on usb. Sounding
(07/Sep)(DW)

07650.0 T22238: (2-238th Avn. Shelbyville IN): 1354 USB/ALE
sounding. 06/25=RP3

07660.0 CET: & MAR: 0118 USB ALE (04/AUG/04) (JLM)

07670.0 French fishermen: 08:30 utc USB Traffic in french - QTH maybe in
the Channel - At 08:37 they changes for a frequencie in the 8
mhz
18aug04 (S)

07675.0 102: Chinesse Mil or Diplo 19339 USB/ALE calls 105 and 103 voice

WUN-v10

comms, only side heard, auto recording made, chinese lang.,
(01-sept-2004) (MSM)

07675.0 102: prob. CHIN MIL 2000 USB/ALE wkng 101 & 104 with digi comms
(stanag if i recon.) (31-aug-2004)(MSM)

07690.0 KPA : Tel Aviv.ISR MOSSAD H3E/USB 0613 QRA . (30-Ago) (BC)

07696.0 ---: UNID 2055 CW String of slow letters (inc accentuated).
No particular grouping (26/Aug)(DW)

07696.0 UNID: station with "TEST 12345" & ANDVT transmission: 1545
USB (07/AUG/04) (JLM)

07700.0 LCR152: POLISH MIL WARSAW 0729 MIL.STD 188-141A ALE on usb.
Clng MPQ608 (27/Aug)(DW)

07700.0 LCR152: Polish MIL Warsaw ? 0756 USB/ALE to MPQ608 Polish
MIL (11Sept04) (ZE)

07700.0 MPQ608: Polish MIL ? Loc 0706 USB/ALE to LCR152 Polish
MIL (11Sept04) (ZE)

07700.0 MPQ608: POLISH MIL ?LOC 7700 MIL.STD 188-141A ALE on usb.
Clng LCR152 (27/Aug)(DW)

07710 VFF: Iqaluit CG 0615 FAX/120/576 Ice Analysis/Analyse de
Glace Baffin Bay. Hazy copy. (16Aug04) (KB)

07710 VFF: Iqaluit CG 0759 FAX 120/576 Ice Analysis Baffin Bay.
Moderate to fair copy (04Sep04)(KB)

07712.7 no-call: Turkish MIL-net, BIH? 0828 USB/MARCONI 25-TONE PSK
MODEM, 2 stations interacting with bursty tfc. (07Aug04) (LDO)

07725 F2K: Unid with encryptd tfc, ALE 1006 15-09-04 [sw]

07725 MHN: Unid with encryptd tfc, ALE 1055 16-09-04 [sw]

07725 QER: Unid with encryptd tfc, ALE 1330 16-09-04 [sw]

07737.7 Unid: Y/L (SS): 0113 USB w/O/M (SS). 24/08 RP3

07739.0 FDI: 22 FAF NARBONNE 0721 CW de Jul04 04 ML

07740 ADDISABEBA: French embassy Addis Ababa 0228 ALE-USB calling
Bujumbura who responds, then into unid mode (02Sep04)(KB)

07740.0 ADDISABEBA: (French Embassy, Addis Ababa): 0249 USB/ALE TO
BUJUMBURA (French Embassy, Bujumbura). 10/08 RP3

07740.0 CER41: MFA Paris 1744 USB/ALE to LECAIRE F Emb Cairo
18/Aug/04 (ZE)

07740.0 LECAIRE: F Emb Cairo 1748 USB/ALE to CER41 MFA Paris
18/Aug/04 ZE

07747 D05: clg D09 Unid ALE 1903 02-09-04 [sw]

07753.0 5558: UNID 0132 MIL.STD 188-141A ALE on usb. Sounding.
Also at 0331 (29/Aug)(DW)

07758.0 Unid: 0105 CW Unid stn clg 4TLG (14/07/04) (AJP)

07792.0 IFW1 : UNID.UNID UNID CW 0626 GR(A) . (25-Ago) (BC)

07800.0 DDK : Pinnemberg.D METEO FAX 120/576 0530 CDT . (18-Ago) (BC)

07803.0 SPI (Polish Mil): 0400 USB/ALE TO LCR154 (Polish Mil). 30/08 RP3

07803.0 SPI: (Polish Mil): 0400 USB/ALE TO LCR154 (Polish Mil). 30/08
RP3

07805.0 WPFJ625: (New Hampshire EOC, Concord NH): 1640 USB/ALE sounding.
18/08 RP3

07805.0 BE1RL (Berlin NH EOC): 1651 USB/ALE sounding. 03/09 RP3

07805.0 HILL: (Hillsborough NH EOC): 1826 USB/ALE sounding. 26/07 RP3

07805.0 MA1NC (Manchester NH EOC): 1605 USB/ALE sounding. 05/09 RP3

07805.0 MA1NC: (Manchester NH EOC): 2103 USB/ALE sounding. 14/08 RP3

07805.0 PE1TE (Petersborough NH EOC): 1948 USB/ALE soudning. 05/09 RP3

07805.0 WPFJ625 (NH State EOC HQs, Concord NH): 1656 USB/ALE sounding.
03/09 RP3

07810.0 B: UNID 1730 MIL.STD 188-141A ALE on usb. Responding to K
(30/Aug)(DW)

07810.0 K: UNID 1730 MIL.STD 188-141A ALE on usb. Clng B (30/Aug)(DW)

07812.0 GKHW : UNID.UNID UNID CW 0713 CLG/WKG 4TA9 . (30-Ago) (BC)

07812.0 9005:unid 2033 USB/ALE snd (31-aug-2004)(MSM)

07818.0 ALG: SONATRACH ALGIERS 0014 MIL.STD 188-141A ALE on usb.
Sounding (31/Aug)(DW)

07818.0 HR: SONATRACH HASSI R'MEL 0045 MIL.STD 188-141A ALE on usb.
Sounding/ Also 0138z (31/Aug)(DW)

07818.0 HR: SONATRACH HASSI R'MEL 1633 MIL.STD 188-141A ALE on usb.
Sounding (30/Aug)(DW)

07820.0 OJP: ROMANIAN EMB ?LOC 0454 MIL.STD 188-141A ALE on usb.
Clng CENTR5 (31/Aug)(DW)

07828.0 fishermen: 0745 USB port om Jul17 04 ML

07833.0 CENTR3: MFA BUCHAREST 0603 MIL.STD 188-141A ALE on usb.
Clng CENTR1 (01/Sep)(DW)

07836.0 U... : UNID.CIS CIS MIL BEE/36-50 50/247 0609 N-D .
(27-Ago) (BC)

07848.0 AAA: ISRAELI AF TEL AVIV 0024 MIL.STD 188-141A ALE on usb.
Sounding (01/Sep)(DW)

07849.0 CGGN (HQs, Venezuelan Nat'l Guard): 0503 USB/ALE TO CUFAN1
(unidentified sub-element of Unified Command of National
Armed Forces). 15/09 RP3

07849.0 CGGN: (HQs Venezuelan National Guard): 0114 USB/ALE TO MIRA1
(probably Venezuelan Navy Special Operations Unit "Generalissimo
Miranda"). Also noted=on 09052.0. 14/07 RP3

07849.0 CGGN: VEN National Guard HQ 2208 USB/ALE to CUFAN3 Command
Venezuelan Army 09/Aug/04 (ZE)

07849.0 CGGN: VENEZUELAN NG COM GENERAL 0503 MIL.STD 188-141A ALE on
usb.
Clng CUFAN1 (01/Sep)(DW)

07849.0 CORE7 (Venezuelan National Guard Commander, Region 7): 2343
USB/ALE TO MIRA3 (Command Element at Presidential Palace
(Palacio
de Miraflores). Also noted on 09052.0. 07/09 RP3

07849.0 CORE7: (Commander, Military Region 7, Venezuelan Army): 2323
USB/ALE TO CGGN (HQs, Venezuelan National Guard). 05/08 RP3

07849.0 CORE7: VEN Army Military Region #7 0643 USB/ALE to MIRA3
VEN Navy Miranda 10/Aug/04 (ZE)

07849.0 CORE7:Venezuelan Army Military Region #7 2323 USB/ALE to
CGGN VEN National Guard 09/Aug/04 (ZE)

07849.0 CUFAN1 (unidentified sub-element of Venezuelan Unified
Command of National Armed Forces): 2350 USB/ALE TO RESERVA9
(9th Inf Bn- Reserves). 08/09 RP3

07849.0 CUFAN4: Venezuelan Army Command 0336 USB/ALE to PORLAMAR
10/Aug/04 (ZE)

07849.0 DESTAFAC23 (Detachment # 23, Venezuelan Nat'l Guard):
0333 USB/ALE TO CGGN (HQs, Venezuelan Nat'l Guard. 15/09 RP3

07849.0 DESTAFAC23: (Detachment 23, Combined Military Forces):
0704 USB/ALE TO CUFAN3 (Unified Command of National Armed
Forces).
Also noted on 08060.0 & 10600.0. 09/08 RP3

07849.0 DESTAFAC23: (Detachment 23, Combined Military Forces,
Venezuelan Army): 0704 USB/ALE TO CUFAN3 (Unified Command of
Armed Forces). Also 09052.0 & 10600.016/07 RP3

07849.0 DESTAFAC23: Detachment Combinet Military Forces 2304
USB/ALE to CUFAN3 Command VEN Army 09/Aug/04 (ZE)

07849.0 DESTAFAC23: VENEZUELAN NG ?LOC 0010 MIL.STD 188-141A
ALE on usb. Clng CGGN (01/Sep)(DW)

07849.0 FRM (unidentified, possibly Venezuelan Riverine Forces):
0023 USB/ALE TO ARM (Venezuelan Navy HQs). 09/09 RP3

07849.0 PORLAMAR: (Aviation Support Detachment #7, Destacamento
de Apoyo Aereo #7, Parlomar Airport): 0306 USB/ALE TO CGGN (HQs,
Venezuelan National Guard). 09/08 RP3

07849.0 PORLAMAR: Aviation Support Detachment #7 2236 USB/ALE to
CGGN VEN National Guard 09/Aug/04 (ZE)

07849.0 SCLC222M: (Communications Logistics Center, 222nd
Motorized Inf Bn,=Venezuelan Army): 1049 USB/ALE TO CLC22M
(Communications Logistics Center, 22nd=Inf Bde). 14/07 RP3

07850.0 SPZA (O/M accented EE): 2208 USB calling SPZ. Callsigns
spelled using NATO phonetics. 15/09 RP3

07878 USB 0522 Fax 120/576 Hamburg Metro. Ger (DDK) wind and
wave chart readable copy (03Sept04) (CC)

07880.0 DDK3: 0830 FAX Hamburg Meteo with several wx charts
for North Sea. Baltic and North Atlantic. //3885 kHz.
FAX IOC567 LPM12024/Jun/2004 (TR)

07880.0 DDK3: DWD Kiel, D, 1945, FAX 120/576, meteo charts,
13/8/2004 (CK)

07880.0 DDK3: HAMBURG 0723 FAX european pressure chart
Jul04 04 ML

07880.0 DDK3: HAMBURG MET 2208 FAX 120/576/N/800 sfc wx chart
(26/Aug)(DW)

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07880.0 DDK3: hamburg 0513 FAX 10 m wind chart Aug20 04 ML
 07931.0 knkc???: 0522 cw from scandinavia? Aug20 04 ML
 07882.0 GUASDUALITO: VENEZUELAN MIL GUASDUALITO 0002 MIL.STD 188-141A
 ALE on usb. C1ng CDDA (03/Sep)(DW)
 07882.0 MONTECANO: VENEZUELAN MIL 2333 MIL.STD 188-141A ALE on usb.
 C1ng CDDA (02/Sep)(DW)
 07894.0 JE2: UNID 0055 MIL.STD 188-141A ALE on usb. C1ng KU2
 (03/Sep)(DW)
 07895.7 FUX : Le Port.REU FN ARQ-E3 100/395 2213 IDLE .
 (08-Ago) (BC)
 07895.7 ---: FF UNID 2213 ARQ/E3 100/E/400 8rc. Betas. Poor sync
 (26/Aug)(DW)
 07896.7 ---: FN Fort de France 0044 ARQ-E3 FSK 95/400 acf = 56
 (10/08/04)(AJP)
 07905.0 LHH: US MIL? 0352 MIL.STD 188-141A ALE on usb. C1ng w47
 (04/Sep)(DW)
 07905.4 T498AA US army 498th medical corps IRQ 17:40 USB/ALE
 THIS WAS T498AA
 07905.4 T498AA: US army 498th medical corps IRQ 17:40 USB/ALE THIS
 WAS T498AA 3laug (PP)
 07908.0 UNSWIGEN: UN Geneva. SUI 0813 P-I/100Bd clg from unid.
 answ. in Pactor-III (29/Jun/04) (KK)
 07918.0 YHF: Mossad ISR 18:03 R3E/USB long 5L message with 94
 groups 3laug (PP)
 07931.0 DLPK : UNID.UNID UNID CW 0825 CLG/WKG GLPK . (30-Ago) (BC)
 07931.0 ADS: Ethipian unid net Adis Abbeba 1820 USB/ALE snd
 (06-07-2004)(MSM)
 07931.0 DM1: Ethipian unid net 1818 USB/ALE snd (06-07-2004)(MSM)
 07931.0 TYA: Ethipian unid net 1818 USB/ALE snd (06-07-2004)(MSM)
 07935.0 Y/L (SS): 0011 USB w/O/M (SS). O/M is weak but appears to be
 reading messages. Y/L reads back/confirm parts of these
 messages.
 Uses NATO phonetics. 08/09 RP3
 07950.0 300: UNID 2223 MIL.STD 188-141A ALE on usb. Sounding
 (04/Sep)(DW)
 07957.0 AA1: ISRAELI AF BEN GURION 2315 MIL.STD 188-141A ALE on
 usb. Sounding (04/Sep)(DW)
 07957.0 DD1: ISRAELI AF ?LOC 0008 MIL.STD 188-141A ALE on usb.
 Sounding. Also 0208 (05/Sep)(DW)
 07957.0 DD1: ISRAELI AF ?LOC 2107 MIL.STD 188-141A ALE on usb.
 Sounding. Also at 2207 (04/Sep)(DW)
 07959 REA4: AF HQ Moscow 2121 REVS/50/1000 Idling. // 3531.
 (23Aug04) (RGA)
 07968.0 FJJ: UNID XJX NET 0345 MIL.STD 188-141A ALE on usb. C1ng
 QJQ. Also at 0350 (05/Sep)(DW)
 07968.0 QJQ: UNID XJX NET 0502 MIL.STD 188-141A ALE on usb. C1ng
 LJ9 (05/Sep)(DW)
 07969.0 ALG: SONATRACH ALGIERS 0157 MIL.STD 188-141A ALE on usb.
 Sounding (05/Sep)(DW)
 07985.9 CHA: Unid 0141 Pactor Traffic w/PIE and MUT
 (10/09/04) (AJP)
 07988.0 ---: Unid 1043 Sweep from 7988 down to 7958 every
 0.65 sec. (10/09/04) (AJP)
 07990.5 O/M (SS): 0213 USB w/O/m (SS). 05/09 RP3
 08000.0 : UNID.UNID UNID ALE/USB 0620 N-D . (30-Ago) (BC)
 08004.0 U... : UNID.CIS CIS MIL CW 0555 GR(A) . (17-Ago) (BC)
 08006.0 U... : UNID.CIS CIS MIL BEE/36-50 50/165 1630 N-D .
 (24-Ago) (BC)
 08010.0 28: UNID 1236 USB/ALE to 99 [AMD***] 03/Aug/04 (ZE)
 08010.0 68: UNID 1447 USB/ALE to DK11 05/Aug/04 (ZE)
 08010.0 DEV: MOI Rumanian Police Deva 0904 USB/ALE to BU5 MOI Bucharest
 02/Aug/04 (ZE)
 08010.0 FBC: UNID MOI Rumanian Police 0829 USB/ALE to BU3; BD3=MOI
 Bucharest 02/Aug/04 (ZE)
 08012.0 ADW : AFA3 Camp Springs.MD.USA USAF ANDREWS AFB ALE/USB 0536
 SOUND . (07-Ago) (BC)
 08012.0 022NHQCAP: Civil Air Patrol 0448 USB ALE snd (13/AUG/04) (KK)
 08012.0 033NHQCAP: (unidentified, Civil Air Patrol HQs, Maxwell AFB

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- AL); 1908 USB/ALE sounding. 26/07 RP3
- 08012.0 043MERCAP: (Middle East Region, Civil Air Patrol): 2132 USB/ALE sounding. 05/08 RP3
- 08012.0 043SERCAP: (Southeast Region, Civil Air Patrol): 2054 USB/ALE TO 022NHQCAP Civil Air Patrol, Nat'l Ops Center, Maxwell AFB AL). 05/08 RP3
- 08012.0 047NHQCAP: Civil Air Patrol 0449 USB ALE snd (13/AUG/04) (KK)
- 08012.0 046NHQCAP: (Civil Air Patrol HQs, Maxwell AFB AL): 0121 USB/ALE sounding. Also sounding on 07602.0. 18/08 RP3
- 08018.2 COSH: Unid 0149 Pactor Also COYO, JAL, VEN, GMM, KUWA, COSH (10/09/04) (AJP)
- 08018.2 HUB: prob. MAF Hub Caracas, VEN 0442 P-I/100Bd clg JANK unid Loc?(11/AUG/04) (KK)
- 08018.2 HUB: prob. MAF Hub Caracas, VEN 0444 P-I/100Bd clg COYO Coyoweteri (11/AUG/04) (KK)
- 08018.2 HUB: prob. MAF Hub Caracas, VEN 0445 P-I/100Bd clg CUWA Cuwa, VEN (11/AUG/04) (KK)
- 08018.2 HUB: prob. MAF Hub Caracas, VEN 0445 P-I/100Bd clg JAL Jalulusi-Teli, VEN (11/AUG/04) (KK)
- 08018.2 HUB: prob. MAF Hub Caracas, VEN 0447 P-I/100Bd clg VEN unid Loc ? (11/AUG/04) (KK)
- 08018.2 HUB: prob. MAF Hub Caracas, VEN 0448 P-I/100Bd clg COSH Coshilowateli, VEN (11/AUG/04) (KK)
- 08018.2 HUB: prob. MAF Hub Caracas, VEN 0450 P-I/100Bd clg YAYA Yajanamateli, VEN (11/AUG/04) (KK)
- 08019.5 OEY41: Austrian MIL station, AUT 1037 USB/MIL-STD 188-141A tfc. to OEY52 (17Aug04) (LDO)
- 08019.5 OEY52: Austrian MIL station, AUT 1037 USB/MIL-STD 188-141A tfc. to OEY81 and OEY41 after clng NETZ2 [=collective call] (17Aug04) (LDO)
- 08019.5 OEY81: Austrian MIL station, AUT 1037 USB/MIL-STD 188-141A tfc. to OEY52 (17Aug04) (LDO)
- 08020.0 netz2::unid austrian 1125 USB/ALE 16Aug04 (wp3)
- 08020.0 oey41: unid austrian 0910 USB/ALE 16Aug04 (wp3)
- 08020.0 oey81: unid austrian 0910 USB/ALE 16Aug04 (wp3)
- 08021.0 TNS: Algerian embassy Tunis, TUN 1054 USB/MIL- STD 188-141A/THALES MSM-1250 10ch. VFT, tfc. to MFA Algiers [MAE] (02Sep04) (LDO)
- 08026.0 was active at 0758z 14 Sep 04 with ANDREWS (weak/barely readable) calling and briefly working SNOW PLOW (unheard here).(JH)
- 08037.0 CPSNY: (Nat'l Guard Bureau, Cooperstown NY): 1259 USB/ALE sounding. 31/07 RP3
- 08037.0 CPSNY: (Nat'l Guard Bureau, Cooperstown NY): 1347 USB/ALE sounding. 01/08 RP3
- 08037.0 CPSNY: (Nat'l Guard unit, Cooperstown NY): 2027 USB/ALE sounding. 17/08 RP3
- 08037.0 CPSNY: NGB Cooperstown NY 0445 USB ALE snd (13/AUG/04) (KK)
- 08040 :USB 0527 Fax 120/576 RN London. GBR (GYA) wind and wave chart readable copy (03sept04) (CC) 9982.5 USB 0728 Fax 120/576 Honolulu. Hawaii (KVM) Sea Surface temps good copy (03Sept04) (CC)
- 08047.0 HQ703N: (possible HQs Army Nat'l Guard, Arlington VA): 1255 USB/ALE TO C010TN (unidentified Connecticut Nat'l Guard unit). 23/07 RP3
- 08047.0 HQ703N: (probably Nat'l Guard Readiness Center, Arlington VA): 0935 USB/ALE TO M010EN (Nat'l Guard unit, Maine). 01/08 RP3
- 08047.0 HQ703N: (probably Nat'l Guard Readiness Center, Arlington VA): 1008 USB/ALE TO M010AN (Nat'l Guard unit, Massachusetts). Also noted on 10816.5. 01/08 RP3
- 08047.0 HQ703N: (probably Nat'l Guard Readiness Center, Arlington VA): 1022 USB/ALE TO V010TN (Nat'l Guard unit, Vermont). 01/08 RP3
- 08047.0 HQ703N: (probably Nat'l Guard Readiness Center,

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- Arlington VA): 1034 USB/ALE TO R010IN (Nat'l Guard unit, Rhode Island). 01/08 RP3
- 08047.0 HQ703N: (probably Nat'l Guard Readiness Center, Arlington VA): 1724 USB/ALE TO A100KN (Nat'l Guard unit, Alaska). 01/08 RP3
- 08047.0 HQ703N: (probably NG Readiness Center, Arlington VA): 1432 USB/ALE TO R010IN (probably 13th WMD CST, Rhode Island). Also noted on 16338.5. 27/07 RP3
- 08047.0 HQ7: (probably Nat'l Guard Readiness Center, Arlington VA): 1201 USB/ALE TO W030VH (Nat'l Guard unit, West Virginia). 01/08 RP3
- 08047.0 HQ7: (probably Nat'l Guard Readiness Center, Arlington VA): 1231 USB/ALE TO K040YN (Nat'l Guard unit, Kentucky). 01/08 RP3
- 08047.0 HQ7: (probably Nat'l Guard Readiness Center, Arlington VA): 1628 USB/ALE TO H090IN (Nat'l Guard unit, Hawaii). 01/08 RP3
- 08047.0 PMTRACS: (Program Manager for Tactical Radio Communications Systems): 1418 USB/ALE TO N040CN (Nat'l Guard unit at North Carolina State EOC). 10/08 RP3
- 08056.0 CLH: (Hunter AAF, Savannah GA): 1240 USB/ALE TO CLS (Ft Campbell KY). 21/07 RP3
- 08060.0 CGGN (HQs, Venezuelan National Guard): 0103 USB/ALE TO CUFAN1 (unidentified sub-element of Unified Command of National Armed Forces). 05/09 RP3
- 08060.0 CGGN: (HQs, Venezuelan National Guard): 0507 USB/ALE TO CUFAN1 (Unified Command of Armed Forces). Also noted on 09052.0. 19/07 RP3
- 08060.0 CGGN: (HQs, Venezuelan National Guard): 0908 USB/ALE TO CUFAN1 (Unified Command of Armed Forces). 16/07 RP3
- 08060.0 CGGN: (HQs, Venezuelan National Guard): 0908 USB/ALE TO CUFAN1 (Unified Command of National Armed Forces). Also noted on 09052.0 & 10272.0. 09/08 RP3
- 08060.0 CGGN: (HQs, Venezuelan National Guard): 0914 USB/ALE TO MIRAI (probably Venezuelan Navy Special Operations Unit "Generalissimo Miranda"). 09/08 RP3
- 08060.0 CGGN: (HQs, Venezuelan National Guard): 0914 USB/ALE TO MIRAI (possibly Venezuelan Navy Special Operations Unit "Generalissimo Miranda"). 16/07 RP3
- 08060.0 CORE7 (Commander, Region 7): 2322 USB/ALE TO CGGN (HQs, Venezuelan Nat'l Guard). 30/08 RP3
- 08060.0 CORE7: (Commander, Region 7): 2322 USB/ALE TO CGGN (HQs, Venezuelan Nat'l Guard). 30/08 RP3
- 08060.0 CRC2M: (Regional Command Post, Military Region 2, Venezuelan Army): 2225 USB/ALE TO CLC23M (Communications Logistics Center, 23rd Inf Bn). Also noted on 09052.0 & 10272.0. 19/07 RP3
- 08060.0 CUFAN1 (unidentified sub-element of Venezuelan Unified Command of National Armed Forces): 2220 USB/ALE TO RESERVA7 (7th Pursuit Bn-Reserves). 08/09 RP3
- 08060.0 CUFAN1: (Venezuelan Unified Command of Combined Forces): 0508 USB/ALE TO CGGN (HQs Venezuelan National Guard). 06/27 RP3
- 08060.0 DESTAFAC23 (Detachment # 23, Venezuelan Nat'l Guard): 0702 USB/ALE TO CUFAN3 (unidentified sub-element of Unified Command of National Armed Forces). Also noted on 09052.0; 10600.0. & 10272.0. 15/09 RP3
- 08060.0 DESTAFAC23: (Destacamento 23 de las Fuerzas Armadas de Cooperación - Detachment 23, Combined Military Forces): 0733 USB/ALE TO CGGN (HQs Venezuelan National Guard). 14/07 RP3
- 08060.0 HOME: (unid, probable test): 1549 USB/ALE TO WORK (unid, probable test). 31/08 RP3
- 08060.0 SCLC222M: (Communications Logistics Center, 22nd Motorized Inf Bn, Venezuelan Army): 0310 USB/ALE TO CLC22M (Communications Logistics Center, 22nd Inf Bde). Also noted

on 10600.0. 03/08 RP3
 08068.0 FDI22: (French Air Force, Narbonne): 2350 CW. 05/08 RP3
 08070 DN1: Prob Moroccan Gendarmerie 1635 ALE/USB Calls HN1.
 (22Aug04) (RGA)
 08070.0 HN12 : UNID.ALG POLICE ALE/USB 0913 CLG JU18 .
 (24-Ago) (BC)
 08070.0 JU13 : UNID.ALG POLICE ALE/USB 0947 CLG HN12 .
 (24-Ago) (BC)
 08070.0 JU14 : UNID.ALG POLICE ALE/USB 0923 SOUND .(24-Ago) (BC)
 08070.0 MDN : UNID.ALG POLICE ALE/USB 0922 CLG HN12 .
 (24-Ago) (BC)
 08070.0 B01: UNID Dutch MIL, HOL 1437 USB/MIL-STD 188- 141A
 /MIL-STD 188-110A/MIL-STD 188-110B, crypto tfc. over FS-1052
 DLP, wkng B04 (04Sep04) (LDO)
 08070.0 B04: UNID Dutch MIL, HOL 1437 USB/MIL-STD 188- 141A
 /MIL-STD 188-110A/MIL-STD 188-110B, crypto tfc. over FS-1052
 DLP, wkng B01 (04Sep04) (LDO)
 08076.0 U... : UNID.CIS CIS MIL BEE/36-50 50/161 0020 N-D .
 (20-Ago) (BC)
 08079.0 no-call: Rus. intel, RUS 2020 BAUDOT 200.33Bd/ 500Hz,
 auto broadcasting "null" message to 162 (04Sep04) (LDO)
 08092.0 BAVARIANOPS: US-Army Katterbach(?) D 2129 USB/MIL-STD
 188-141A, sounding (29Jul04) (LDO)
 08092.0 T5Z158: 5-158th AVN Giebelstadt, D 1039 USB/MIL-STD 188-141A,
 sounding (05Aug04) (LDO)
 08092.5 O/M (FF): 0515 USB w/recorded repetition of weeks of the
 day, months of the year, number counts (3XX-310). "Ici La
 Direction de Transmission de (rest unintelligible). 05/09 RP3
 08095.0 Unid: cw b'casting 5 group letters at 0515. Just
 off at 0537. (CJM)
 08101.0 Unid: Russian 0023 USB w/personal chat. (2-Jul-04) (JUM)
 08105.4 SWA: National Meteo Service, Athens, GRC, 0930, FAX
 120/576, meteo charts, 15/8/2004 (CK)
 08105.4 SWA: National Meteo Service Athens, GRC, 0850, FAX 120/576,
 meteo charts, 19/8/2004 (CK)
 08118.5 ---: Unid 2238 Piccolo 12 tones 220 hz width
 (09/09/04) (AJP)
 08122.0 VHI : Camberra.ACT.AUS RAN J3E/USB 0556 TFC ING .
 (20-Ago) (BC)
 08125.0 FAAZNY: (New York ARTCC): 0117 USB/ALE sounding.
 06/28 RP3
 08136.0 U... : UNID.CIS CIS MIL BEE/36-50 50/195 2247 N-D .
 (18-Ago) (BC)
 08136.0 ---: Unid 0053 T600/36-50 FSK 250 hz shift 36 bd idle
 50 bd traffic (04/08/04) (AJP)
 08136.0 no call CIS navy 18:50 BEE 36-50 / 50 / 200 several
 messages off at 18:55
 08136.0 no call: CIS navy 18:50 BEE 36-50 / 50 / 200 several
 messages off at 18:55 31aug (PP)
 08140.0 U... : UNID.CIS CIS MIL BEE/36-50 50/188 0623 N-D .
 (25-Ago) (BC)
 08140.0 BMF: Taipei Meteo 2121 FAX 120/576 chart.
 (1-Jul-04) (JUM)
 08151.0 TXXX: Guardia Civil Madrid 1959 USB/ALE to TZSH GC
 Huelva (13Sept04) (ZE)
 08151.0 TZSH: Guardia Civil Huelva 2001 USB/ALE snd tws
 (13Sept04)(ZE)
 08151.0 TZSH: Guardia Civil Huelva, E 0313
 USB/MIL-STD188-141A, wkng TXXX [=3DGC Madrid/Valdemoro]
 (07Aug04) (LDO)
 08153 AA1: Prob Israeli AF 2057 ALE/USB Sounding.
 (24Aug04) (RGA)
 08155.0 O/M (SS): 0033 USB w/2 O/M (SS). 08/09 RP3
 08156.0 Royal Bahamas Self Defense Forces 0315 USB
 with C6R, ROMEO 266 (often 66) ROMEO 267 (67) re SAR
 comms Hurricane Frances. (5 Sept. 2004)
 08163.0 O/M (Caribbean EE): 0216 USB w/O/M (Caribbean EE)
 in familiar conversation. 05/09 RP3

08165.0 : UNID.UNID UNID ARQ-RS 228/170 0713 N-D .
(25-Ago) (BC)

08171.5 702: UNID Israeli AF station (F-16A?), 1532
USB/MIL-STD 188-141A, encrypted AMD tfc. to 701
(09Aug04) (LDO)

08171.5 B7Z101: (7/101st Avn, Ft Campbell KY): 2047 USB/ALE
sounding. 17/08 RP3

08171.5 KFMHNG: (probably Det 1, 86th Med Coy MA NG, Otis ANGB
MA): 1630 USB/ALE TO R23985 (UH-60 helo). Also on 09081.5.
17/08 RP3

08171.5 KFMHNG: Mass NG, Otis ANGB MA): 1401 USB/ALE sounding.
08/08 RP3

08171.5 T2Z238: 2/238th Avn, INNG Shelbyville IN): 0132
USB/ALE sounding. 01/08 RP3

08171.5 B7Z101: ("B" Coy, 7/101st Avn, Ft Campbell KY): 2036 USB/ALE TO
R24158 (UH-60A/L helo). 19/08 RP3

08171.5 T2Z238: (2/238th Avn, IN NG Shelbyville IN): 1959 USB/ALE
sounding. 19/08 RP3

08171.5 T7Z101: (7/101st Avn, Ft Campbell KY): 0002 USB/ALE sounding.
19/08 RP3

08179.8 : UNID.UNID UNID FSK 96/900 0545 N-D .
(25-Ago) (BC)

08180.0 DD1: (Israeli Air Force): 2350 USB/ALE sounding.
03/08 RP3

08181.5 KFMHNG: (National Guard Bureau, Otis ANGB, MA):
2053 USB/ALE sounding. 22/07 RP3

08181.5 T3Z238: (3/238th Avn, possibly MI NG): 1737 USB/ALE sounding.
10/08 RP3

08181.5 T3Z238: (3/238th Avn, unlocated): 1406 USB/ALE TO
R24485 (NG helo). 08/08 RP3

08181.5 T3Z238: (3/238th Avn, unlocated): 1506 USB/ALE TO
R23335 (NG helo). 08/08 RP3

08186.0 no-call: Gend. Laon/Aisne, F 1451 USB/SKYMASTER 8-FSK
ALE/THALES proprietary PSK serial tone waveform, working
Gendarmerie Gap/Hautes Alpes (04Sep04) (LDO)

08186.0 no-call: Gendarmerie Gap/Hautes Alpes, F 1450
USB/SKYMASTER 8-FSK ALE/THALES proprietary PSK serial
tone waveform, wkng Gend. Laon/Aisne (04Sep04) (LDO)

08188.5 D02: UNID Dutch MIL, HOL 1246 USB/MIL-STD 188- 141A,
responding to D06 (04Sep04) (LDO)

08188.5 D03: Nld-Mil, Unid, clg D05 ALE 1544 07-09-04 [sw]

08188.5 D05: UNID Dutch MIL, HOL 0834 USB/MIL-STD 188- 141A,
calling D02 (05Sep04) (LDO)

08188.5 D06: UNID Dutch MIL, HOL 1246 USB/MIL-STD 188- 141A,
calling D02 (04Sep04) (LDO)

08188.5 D07: UNID Dutch MIL, HOL 1931 USB/MIL-STD 188- 141A,
calling D09 (04Sep04) (LDO)

08188.5 D08: Nld-Mil, Unid, clg D09 ALE 1544 07-09-04 [sw]

08188.5 D09: Nld-Mil, Unid, clg D08 ALE 1544 07-09-04 [sw]

08188.5 D09: UNID Dutch MIL, HOL 1931 USB/MIL-STD 188- 141A,
calling D07 (04Sep04) (LDO)

08188.5 F10: Nld-Mil, Unid, clg F13 ALE 1940 08-09-04 [sw]

08188.5 F13: Nld-Mil, Unid, clg F10 ALE 1946 08-09-04 [sw]

08188.5 L02: Nld-Mil, Unid, clg L06 ALE 1539 07-09-04 [sw]

08188.5 L02: UNID Dutch MIL, HOL 1858 USB/MIL-STD 188-
141A/MIL-STD 188-110A/B, encrypted tfc. via FS-1052 DLP,
wkng L06 (02Sep04) (LDO)

08188.5 L04: UNID Dutch MIL, HOL 0839 USB/MIL-STD 188-
141A/MIL-STD 188-110A/B, encrypted tfc. via FS-1052 DLP,
wkng L11 (05Sep04) (LDO)

08188.5 L06: Nld-Mil, Unid, clg L02 ALE 1541 07-09-04 [sw]

08188.5 L06: UNID Dutch MIL, HOL 1858 USB/MIL-STD 188-
141A/MIL-STD 188-110A/B, encrypted tfc. via FS-1052 DLP,
wkng L02 (02Sep04) (LDO)

08188.5 L11: UNID Dutch MIL, HOL 0839 USB/MIL-STD 188-
141A/MIL-STD 188-110A/B, encrypted tfc. via FS-1052 DLP,
wkng L04 (05Sep04) (LDO)

08190 LCR155: Pol-Mil clg SPI324 ALE 0916 17-09-04 [sw]

(25/Aug/04) (RH2)
08421.5 VRX: HONG KONG RADIO 1847 CW Channel free marker
"VRX" (06/Sep)(DW)
08422.0 NRV: USCG GUAM 0824 CW Char free marker "NRV"
(07/Sep)(DW)
08422.5 UDB2: Kholmok Radio 0040 Sitor-A 100/170 w/wx and
tfc list (2-Jul-04) (JUM)
08422.5 UDB2: KHOLMSK RADIO 1851 CW Chan free marker
"de UDB2" (06/Sep)(DW)
08424.0 SVO4: OLYMPIA RADIO 1923 arq 100/E/170 Permanent
flow of RQs - testing. 2211 Channel free marker
"de SVO" (06/Sep)(DW)
08424.0 SVO: Olympia R 0348 CW de SVO (14/08/04) (AJP)
08424.0 SVO: Olympia R., GRC, 0922, SITOR-B, meteo, 12/8/2004 (CK)

08425.5 XSG: SHANGHAI RADIO 1859 CW Channel free marker
"XSG" (06/Sep)(DW)
08425.5 XSG: ShanghaiRadio PRC 2148 ARQ wkg Idles and
autotelex instructions. (24Aug04) (RGA)
08426.0 UIW: KALININGRAD RADIO 1900 arq 100/E/170 chan
free marker "de UIW KLD" plus tfc in 3sc (06/Sep)(DW)
08427.5 A9M: BAHRAIN RADIO 1905 CW Channel free marker
"de A9M tlx" (06/Sep)(DW)
08429.5 IDR4: IN ROME 0829 RTTY 75/N/850 CARB. Chans idle
(07/Sep)(DW)
08431.0 TAH: ISTANBUL RADIO 1908 CW Channel free marker
"TAH" (06/Sep)(DW)
08431.0 XSQ: GUANGZHOU RADIO 2215 CW Chan free marker
"XSQ". Very weak under Istanbul marker (06/Sep)(DW)
08431.5 UAT: MOSCOW RADIO 1911 CW Channel free marker
"de UAT" (06/Sep)(DW)
08431.5 TAH: Istanbul R., TUR, 0805, SITOR-B, meteo "LTAG" to "UMUMA",
15/8/2004 (CK)
08433.0 XSG: SHANGHAI RADIO 2217 arq 100/E/170 wknng ship.
Minimal copy. Then returns to chan free marker "XSG".
2226 wknng further ship (06/Sep)(DW)
08434.0 TAH: ISTANBUL RADIO 1912 CW Channel free marker
"TAH" (06/Sep)(DW)
08435 XSQ: GuangzhouRadio PRC 2153 ARQ Idles w/Morse
ID. (24Aug04) (RGA)
08435.0 RLK7: Arkhangel'sk Radio 1650 SITOR-A/100/170
de 3745 RLK7 (08Sept04) (ZE)
08435.0 XSQ: Guangzhou R 1025 CW marker (29/08/04) (AJP)
08435.0 XSQ: GUANGZHOU RADIO 1915 CW Chan free marker
"XSQ" (06/Sep)(DW)
08436.0 XSG: SHANGHAI RADIO 2242 CW Chan free marker
"XSG". Very weak. (06/Sep)(DW)
08439 PBC: RNethN Goree Is. 1957 RTTY/75/850 CARBs.
(29Aug04) (RGA)
08439.0 pbc : DN Goerree 0654 rtty 75/850 02a 04boo 06a 08a 12b
17x 22x pbc 02a 04boo 06a 08a 12b 17x 22x
02a 04boo 06a 08a 12b 17x 22x pbc 18Aug04 (wp3)
08443.0 CTV: PN ALGES 0828 RTTY 75/N/850 wknng Creoula/CTEL
"CTEL de CTV test de foxes RYS SGs figs int ZBZ/ZBO k".
0831 "zbz3 grv zbo k". "qsl1 k" etc. 0841 tfc nav wng,
etc. 0851 s/off (04/Sep)(DW)
08443.0 CTV: PN ALGES 0840 RTTY 75/N/850 Attempts qso
w/Creoula/CTEL "zgn CTV513/CTV631" s/off 0900z. 1430z
qso with CTEL. Comms go bad 1455z, sends test. Resumes
rx tfc 1507. 1526 qsl4. Tx 1 msg then "gru grx ar".
On rq fm CTEL long msg in PP (shipress?). s/off 1623z
(05/Sep)(DW)
08444 : Murmansk Meteo 1859 FAX 120/576/R wind/wave
height chart. Strong signal. but severe slant and poor
res. (22Aug04) (KB)
08444.0 ---: MURMANSK MET 1230 FAX 120/687/R/1000 Start
of chart. weak/grainy, occ qrm. Ends 1253z. 1355z 90 rpm.

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08568 FUV: FN Djibouti 2007 RTTY/75/850 Bricks tests.
(29Aug04) (RGA)

08568 FUV: FN Djibouti 2158 RTTY/75/850 Bricks tests.
(24Aug04) (RGA)

08568.0 FUV: FF Djibouti 2353 RTTY 75/850 Testing (21/08/04) (AJP)

08568.0 FUV: FF Djibouti 2353 RTTY 75/850 Testing (21/08/04) (AJP)

08582.0 PWZ33: Rio de Janeiro. Brazil 2235 P-I/Ham Fec 200Bd
TEST THE QUICK BROWN FOX JUMPS ...later Bulletin
(29/Jun/04) (KK)

08586.0 uso5 : Izmail Radio 0602 cw tfc to t/h i selxwinskij
qsx 8359.0 (ship in cw und rtty 50/170) 18Aug04 (wp3)

08587.5 Unid: Japanese Gov. 2109 Telemetry datalink (21/08/04) (AJP)

08608.0 Russian Navy: 0050 36-50 50/250 tfc.
(2-Jul-04) (JUM)

08626.0 PKX2: PERTAMINASHIP Jakarta 1000 CW w/CQ DE
PKX2,tfc list & in-house msgs, QSX 8420 (02Aug04) (ML2)

08634.0 VTG: Indian Ny 2000 CW wx report //12808.5
(21/08/04) (AJP)

08646.0 FUJ: FN Noumea 1150 RTTY 75/850 ZUI testing
(15/07/04) (AJP)

08646.4 FUJ (FR Navy, Noumea): 0915 RTTY 75/850 w/test tape. 20/09 RP3

08664 HMZ: Pyongyang Radio PDRK 1600 CW CQ CQ CQ de
HMZ HMZ HMZ QRU QSX 4 8 AND 12 MHZ. (Reported yesterday
as HNZ). (25Aug04) (RGA)

08664.4 HMZ: PYONGYANG RADIO 1559 CW Brief handkeyed markers
"cq de HMZ qru qsx 4 8 12 mhz" then silent/offair?
1602z (25/Aug)(DW)

08664.4 HMZ: PyongyanRadio PDRK 2200 CW Very poor morse
apart from CQ de HMZ and possibly QSX ...
(Logged again 25/8/04). (24Aug04) (RGA)

08670.0 IAR: Roma R 0047 CW VVV de IAR (04/08/04) (AJP)

08670.0 iar : Rom Radio 0730 cw vvv vvv vvv de iar iar iar k 4 8 12 16
22mhz - we lsn 22 and reply on 17206,1 kh 18Aug04 (wp3)

08764.0 NMN: uscg 0607 USB wx Aug19 04 ML

08677.0 CBV: Playa Ancha R 2217 FAX 120 Pressure chart
(21/08/04) (AJP)

08682.4 Unidentified station: 0200 w/FAX. Poor quality signal
--possibly a map. 05/09 RP3

08725.3 CCS: Chilean Ny 0030 RTTY 100/850 Santiago. Testing.
New Freq. (20/08/04) (AJP)

08725.5 ZSC: Cape Town R 1300 CW ID every 1 min; 1st time
hrd here thought they had closed down all CW a year ago!
(22/Aug/04) (RH2)

08725.0 Unid: 0601 mode?? continuous sounding sig 2/10-more clear in usb
-
here in northern france Aug19 04 ML

08731: UNID hurricane forecast at 0412. Automated YL.
Very faint. USB. Gone by 0425. Any clues? (17 Sept) (RB4)

08734: Olympia Radio at 0154 w/voice QRA. USB. I could only
make out "Olympia Radio 1630 2210 2217". Barely audible.
YL annc. Found this while trying to find the YL on 08731.
(17 Sept) (RB4)

08743.0 ASK : Karachi.PAK RADIO J3E/USB 2209 TLF .
(20-Ago) (BC)

08750.0 fishermen: 0856 usb dutch simplex AUG17 04 ML

08757.0 U... : UNID.CIS CIS MIL RS-SYS 75/240 2205 N-D .
(20-Ago) (BC)

08764.0 NMN : Chesapeake.USA USCG J3E/USB 0500 WX ING .
(10-Ago) (BC)

08764.0 NMN: USCG Camslant USA 0958 USB EE WX report //6501
//4426 (22/06/04) (AJP)

08773.0 UJE: moscow 0610 USB russ work unid ship Aug19 04 ML

08806.0 UFZ: Vladivostok Radio 0055 USB w/pp to unid mv.
(2-Jul-04) (JUM)

08806.0 WLO: 0203 USB w/Tropical storm forecast & wx for
Caribbean and Atlantic. 12/08 RP3

08816 47896: Russian Naval Aircraft 1234 CW Wkg RJF94/
Moscow Control 'QTO 1230 QRD XLMO XLAA QBD 3700 QRE 1400

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RPT AL K'. RJF94 repeats back. (Airborne 1230. Bound for
XLMO from XLAA. Endurance 3hrs 7mins. ETA XLMO 1400UTC).
(24Aug04) (RGA)

08816 47896: Russian Naval Aircraft 1315 CW wkg RJF94/Moscow
and RJC48/Southern Controls. 'QTH XLMM 1333 10 QTR 1315
QBG 6000 QRE 1400 RPT AL K'. (Posn 10? 1333? XLMM at 1315.
6000m above cloud. ETA 1400'. (24Aug04) (RGA)

08816 RJF94: Central Sector Control Stn Moscow 1130 CW
reads back message to aircraft ..128 'RJF94 QQM XLAA
1128 K'. Aircraft too weak to copy; 2 minutes from its
destination. Then RJF94 OK SK. (Russian naval air
transport net). (24Aug04) (RGA)

08825.0 PC13: (Venezuelan Navy Patrol Craft "Independencia"
PC-13): 0534 USB/ALE TO DCCOP (Director of Operations).
13/08 RP3

08828.0 AUCKLAND VM: 1924 USB om Jun30 04 ML

08834 D-ALCM Lufthansa MD-11 1116 HFDL/USB (26/Aug/04) (RH2)

08834 ZS-SAW: SAA Flight 323 B747 1001 HFDL/USB Posn Report.
(21/Aug/04) (RH2)

08834 ZS-SJT: SAA Flight SA0344 1318 HFDL/USB ACARS
Link test. (25/Aug/04) (RH2)

08834 ZS-SNE: SAA Flight 0346 1534 HFDL/USB ACARS
Link Test. (22/Aug/04) (RH2)

08834 ZS-SZA SAA Flight 205 1003 HFDL/USB ACARS Link test
& Posn Rpt. (28/Aug/04) (RH2)

08834.0 SARMN (Brazilian Air Force Search & Rescue, Manaus):
0517 USB/ALE sounding. 08/09 RP3

08834.0 SARBR (Brazilian Air Force Search & Rescue, Brasilia)
: 0038 USB/ALE sounding. 07/09 RP3

08834.0 SARBR (Brazilian Air Force, Search & Rescue, Brasilia):
0435 USB/ALE sounding. Also sounding on 13586.0 & 16355.0.
06/09 RP3

08830.0 Unid: O/M (unid African language): 0121 LSB w/O/M
(unid African language). 24/08 RP4

08837.0 EL AL 1doc: 0611 USB work unid flight /end of comm Aug19 04 ML

08842.5 Unid: O/M (Caribbean EE): 0134 LSB w/unheard station. 24/08 RP3

08845.0 fishermen: 0716 USB span Jul17 04 ML

08846.0 NEW YORK OCEANIC: 0013z USB wkg AERO MEXICO 0004;
position report. (9/Aug/2004) (ALS)

08858 AA1: Israeli AF 1559 ALE/USB Sounding. (22Aug04) (RGA)

08860.0 O/M (CC): 2330 USB w/O/M (CC). 15/09 RP3

08861.0 UUU : Kirensk.RUS VOLMET J3E/USB 2200 WX RUS .
(20-Ago) (BC)

08864.0 ZS-SJM SA-189 1405 HFDL B737 Posn Rpt Grd/Air
Links (09\Sep\04) (RH2)

08864.0 ZS-SJN: SA-191 1400 HFDL B737 Posn Rpt Grd/Air
links (08\Sep\04) (RH2)

08879 12+04 1205 USB MWARA NAT-C, German AF 12+04,
selcal CJGL, working Shanwick with posn, wx, fuel status,
selcal and radio check 4/Sep/2004 (TR)

08879 9M-MQH 1146 USB MWARA NAT-C, Malyasian Airlines
9M-MQH, selcal DKES, working Gander with posn, fuel status
and selcal check, and requesting change of flightlevel
4/Sep/2004 (TR)

08879 A40-EE 1132 USB MWARA NAT-C, Gulf Air A40-EE,
selcal BRHP, working Shanwick with posn, wx, fuel status
and selcal check, requesting wx for EDDF (Frankfurt Intl)
4/Sep/2004 (TR)

08879 B-2717 1200 USB MWARA NAT-C, China Northwest
B-2717, selcal DHQR, working Gander with posn, wx, fuel
status and selcal check 4/Sep/2004 (TR)

08879 F-GLZK 1123 USB MWARA NAT-C, Air France F-GLZK,
selcal AQPS, working Iceland with posn, wx, fuel status
and selcal check 4/Sep/2004 (TR)

08879 F-GSPD 1125 USB MWARA NAT-C, Air France F-GSPD,
selcal EHGL, working Iceland with posn, wx, fuel status
and selcal check, requesting routing confirmation
4/Sep/2004 (TR)

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- 08879 HS-TGM 1154 USB MWARA NAT-C, Thai HS-TGM, selcal DPJR, working Iceland with posn, fuel status and selcal check, requesting routing confirmation and new flightlevel 360, Iceland asks to stb/by and maintain selcal watch 4/Sep/2004 (TR)
- 08879 LN-RCL 1212 USB MWARA NAT-C, SAS LN-RCL, selcal EHFJ, working Iceland with posn and requesting new flight level, Iceland approves new F330 4/Sep/2004 (TR)
- 08879 N326TZ 1211 USB MWARA NAT-C, American Transair N326TZ, selcal JRDP, working Gander with posn, fuel status and selcal check 4/Sep/2004 (TR)
- 08879 N472UA 1152 USB MWARA NAT-C, United N472UA, selcal AGLS, working Shanwick with posn, wx, fuel status and selcal check, and requesting wx for EDDS (Stuttgart) and EDDM (Munich) 4/Sep/2004 (TR)
- 08879.0 ATC NAT: 0645 USB work AMCL/ BAW G-YMMA ? & HLGR / BAL G-OBYJ Jul0404 ML
- 08879.0 PH-BZC: 1504 USB MWARA NAT-C. KLM PH-BZC. selcal EQGJ. working Shanwick with posn. wx. fuel status and selcal check. 27jun04 (TR)
- 08883.0 O/M (CC): 2331 USB w/O/M (CC). 15/09 RP3
- 08888 UNID 1050 USB expected some Russian VOLMET and found some voice tfc in French instead, one stn very faint, another unheard, so at least three stns active, one sounded like from a helicopter cockpit, no trace of Tyumen VOLMET, later they badly QRMed Syktyvkar, Yekaterinburg and Samara VOLMET which were just barely audible under all that French chatter 4/Sep/2004 (TR)
- 08888.0 Samara Radio: CIS WX rpt 1948 USB/voice (01-sept-2004) (MSM)
- 08888.0 Tyumen Volmet: 1650 Meteo for Siberian Airfields in Russian USB 31/08 (PPL)
- 08891 B-18701 1726 USB MWARA NAT-D, China Airlines B-18701, selcal JQHL, repeatedly calling Montreal (or sounds like), Iceland breaks in and takes posn and fuel status and checks selcal, they advise std/by on same freq and to contact Arctic at 88w 9/Sep/2004 (TR)
- 08891 C-FMWY 1650 USB MWARA NAT-D, Air Canada C-FMWY, selcal CQLR, working Iceland with posn, wx, fuel status and selcal check, Iceland advises to contact Arctic when passing 88w 9/Sep/2004 (TR)
- 08891 G-BYGB 11656 USB MWARA NAT-D, BA G-BYGB, selcal CPMR, working Iceland with selcal check and routing confirmation 9/Sep/2004 (TR)
- 08891 G-XMAN 1657 USB MWARA NAT-D, BA G-XMAN, selcal MRCP, working Iceland with posn, wx, fuel status and selcal check, requesting new flightlevel, Iceland asks to std/by and later approves new F360 9/Sep/2004 (TR)
- 08891 JA8192 1735 USB MWARA NAT-D, Nippon Cargo Airlines JA8192, selcal JQKL, working Iceland with posn, fuel status and selcal check, request routing confirmation and ask for higher flightlevel due to fuel shortage, Iceland advises std/by and selcal watch on same freq, they later call and approve new F330 9/Sep/2004 (TR)
- 08891 LN-RKF 1753 USB MWARA NAT-D, SAS LN-RKF, selcal GKCQ, working Iceland for selcal check 9/Sep/2004 (TR)
- 08891.0 97-0044: 1639 USB MWARA NAT-D. Reach 97-0044. selcal EQPR. working Iceland and requesting selcal and radio check 27/Jun/2004 (TR)
- 08891.0 D-AIHE: 1614 USB MWARA NAT-D. Lufthansa D-AIHE. selcal BHKP. working Iceland 27/Jun/2004 (TR)
- 08891.0 G-CIVS: 1636 USB MWARA NAT-D. British Airways G-CIVS. selcal CLBP. working Shanwick for selcal check 27/Jun/2004 (TR)
- 08891.0 N208FE: 1632 USB MWARA NAT-D. FedEx N208FE. selcal BEAH. calling Iceland repeatedly with no joy. Shanwick calls the a/c and receives posn. wx. fuel status and selcal check 27/Jun/2004 (TR)

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08891.0 N705CK: 1628 USB MWARA NAT-D. Kitty Hawk Intl N705CK
. selcal HSEK. working Iceland for selcal check
27/Jun/2004 (TR)

08891.0 VP-BAY: 1537 USB MWARA NAT-D. Aeroflot (?) VP-BAY.
selcal ADLP. working Shanwick for selcal check
27/Jun/2004 (TR)

08891.0 YR-BGB: 1606 USB MWARA NAT-D. Tarom Romanian Air
YR-BGB. selcal ERAH. working Shanwick for selcal check
27/Jun/2004 (TR)

08893.0 O/M: (SS): 0232 USB w/O/M SS). Uses whistles to
initiate contacts. 23/07 RP3

08894.0 Unidentified Speedbird flight calling Algiers
(MWARA AFI-2) w/no response. 05/09 RP3

08894.0 Algiers: (O/M FF-MWARA AFI-4): 0120 USB w/unidentified aircraft
(O/M FF) w/position report. Also Ndjamena (O/M FF) w/Air France
344 (O/M FF). 24/08 RP3

08896.5 O/M (Caribbean EE): 0204 USB w/O/M (Caribbean EE).
12/08 RP3

08897.0 Unid: O/M (SS): 0131 USB w/O/M (SS). 24/08 RP3

08906 REACH 196: Unid USAF Flt 1658 USB Calls NEWYORK
w/position report. (28Aug04) (CC)

08906.0 MWARA New York Rdo: 0353z USB wkg SPEEDBIRD 2156;
passes clrc to cross 41 west at FL360. (30/Aug/2004) (ALS)

08906.0 MWARA New York Rdo: 0554z USB wkg EL AL 07; Selcal
check. (30/Aug/2004) (ALS)

08906.0 MWARA New York Rdo: 0604z USB wkg AEROFLOT 333;
FL340 to FL360. (30/Aug/2004) (ALS)

08912 ARINC-04: Riverhead NY USA 2211 HFDL Fair squitters
no apparent traffic. (22Aug04) (RGA)

08912 Continental CO0030 0641 HFDL/USB
[HFNPDU PERFORMANCE] 06:41:22 UTC Flight ID = CO0030
LAT 19 17 57 N LON 67 2 55 W 12/Sep/2004 (TR)

08912 Continental CO1953 0649 HFDL/USB [HFNPDU
PERFORMANCE] 07:16:54 UTC Flight ID = CO1953
LAT 6 54 58 N LON 84 27 51 W [HFNPDU PERFORMANCE]
07:11:34 UTC Flight ID = CO1953 LAT 6 14 39 N
LON 84 16 8 W [HFNPDU PERFORMANCE] 07:06:48 UTC
Flight ID = CO1953 LAT 5 38 35 N LON 84 5 49 W
[HFNPDU PERFORMANCE] 06:49:54 UTC Flight ID = CO1953
LAT 3 30 27 N LON 83 30 33 W 12/Sep/2004 (TR)

08912 HFDL GS-H04 0645 HFDL/USB [HFNPDU ACARS
AID EB] 2.N58101C_6 M78ACO1953 ^J [HFNPDU ACARS AID EB]
2.N58101B_5 M77ACO1953 x [HFNPDU ACARS AID EB]
2.N58101 B94 L10ACO1953/KEWR.TI2/024KEWRA7CDE j
[HFNPDU ACARS AID EB] 2.N58101 SA3 M76ACO19530EH065408H Rj
[HFNPDU ACARS AID EB] 2.N58101 Q02 M75ACO1953 +T
12/Sep/2004 (TR)

08912 N526AT: American TransAir B757 Flt TZ4170 2306
52F965 At 5216N 00337W. (22Aug04) (RGA)

08912 N559TZ: American Transair Flt 2251 HFDL Logs
on to ARINC Riverhead NY USA. (22Aug04) (RGA)

08912 N57852: Continental B757 2239 HFDL Logs on.
new to me. (29Aug04) (GB)

08912.0 CG 1705 (HC-130H7 CGAS Clearwater) 0326 USB
wkg CAMSLANT Chesapeake establishing radio guard,
airborne Nassau, Bahamas to Clearwater, FL w/13 POB.
(2 Sept. 2004)

08912.0 CS9 : UNID.USA USCS J3E/USB 2208.2253.2338 SOUND .
(28-Ago) (BC)

08912.0 Aircraft BSU 002 (Arabic/EE): 0054 USB w/O/M
(Arabic/EE). BSU 002 says he will call again at 0205 and
asks that unspecified information be relayed to an
unidentified location (sounds like ZENA). Greetings and
goodbyes in Arabic--remainder in heavily accented EE.
15/09 RP3

08912.0 Campac Point Reyes: (using PAC as ALE identifier):
0232 USB w/CG 1703 (using 703 as ALE identifier) who reports
operations normal & gives position report. 23/07 RP3

- 08912.0 Panther: (DEA OPBAT, Bahamas): 0028 USB & USB/ALE
w/CG 17C (HH-60 #
- 08912.0 Hammer: (BICE, AMICC, March AFB, Riverside, CA): 0001 USB
calling
Omaha 241 (BICE aircraft). Hammer states he is transmitting via
CS3 (BICE remote #3). 24/08 RP3
- 08915.0 O/M: (SS): 0230 USB w/O/M (SS). 23/07 RP3
- 08918.0 New York (CAR-A MWARA) 0020 USB wkg Continental
112 for posn., selcal ck BF-CH. (1 Sept 2004)
- 08918.0 New York (MWARA CAR-A): 0039 USB w/Iberia 6122
w/position report. 08/09 RP3
- 08920 F-GSKY 1159 USB LDOC, CorseaAir F-GSKY, selcal CJGK,
working Stockholm Radio with selcal check and requesting wx
for EGQK (Kinloss) and EGPE (Inverness) 8/Sep/2004 (TR)
- 08927.0 ---: ARINC-01 Dixon 0325 HFDL Some aircraft and
squitters (31/08/04) (AJP)
- 08930 CS-TEH 1145 USB LDOC, TAP Air Portugal CS-TEH,
selcal BMAR, working Stockholm Radio for selcal check
8/Sep/2004 (TR)
- 08930 N156DL 0926 USB LDOC, Delta N156DL, selcal PQDK,
working Stockholm Radio for selcal check 8/Sep/2004 (TR)
- 08930 N1605 1115 USB LDOC, Delta N1605, selcal DLFS, working
Stockholm Radio for selcal check 8/Sep/2004 (TR)
- 08930 N185DN 0928 USB LDOC, Delta N185DN, selcal FLAQ,
working Stockholm Radio for selcal and radio check, selcal
is OK but the a/c op's modulation sound very distorted
8/Sep/2004 (TR)
- 08930 N195DN 0939 USB LDOC, Delta N195DN, selcal AGCP,
working Stockholm Radio with selcal check, posn and fuel
status, requesting a phone patch to company office in
England, after enquiries as to how and who to charge
Stockholm Radio advises QSY to 10805 where the phone
patch is then put through 8/Sep/2004 (TR)
- 08930 N220UA 0927 USB LDOC, United N220UA, selcal QREM,
working Stockholm Radio with selcal check and requesting
wx for EDHI (Hamburg Finkenwerder - hey, that's just
across the Elbe River!!! If it weren't for the trees I
could see that airport from my QTH...) 8/Sep/2004 (TR)
- 08930 N646US 1100 USB LDOC, US Airways N646US, selcal
BFCP, working Stockholm Radio with selcal and radio
check 8/Sep/2004 (TR)
- 08930 N752NA 1116 USB LDCO, North American N752NA,
selcal KQHP, working Stockholm Radio with selcal check,
posn, wx, fuel status and requesting wx for BIRK
(Reykjavik) 8/Sep/2004 (TR)
- 08930.0 Pakistan: LDOC/Kharachi 1751UTC USB wkg/PK041
(very weak sig here) 5/jul/04 (AT)
- 08933.0 ARINC-New York: 2350 w/Lauda Italy 126 w/wx for
New York, Boston, Gander, St Johns and Halifax. Also N40LJ
in radio checks. 09/09 RP3
- 08935 UNID 1535 USB voice tfc in Spanish, at least
three stn active, very disciplined operating, wonder who
they are... 13/Sep/2004 (TR)
- 08942 9V-SRL 1744 USB MWARA SEA-2, Singapore Airlines
9V-SRL, selcal KQPS, working Singapore (now at good levels)
with posn, fuel status and selcal check, the give ETA at
WSSS (Singapore Changi) as 1900 UTC 16/Sep/2004 (TR)
- 08942 JA8547 1655 USB MWARA SEA-2, Japan Aircharter
JA8547, selcal EGKM, working very faint Singapore with posn,
wx, fuel status and selcal check 16/Sep/2004 (TR)
- 08942 N9619V 1704 USB MWARA SEA-2, American N9619V,
selcal CLGJ, repeatedly calling Manila with no joy,
Singapore (now at better levels) breaks in and they
report posn and fuel status, selcal check OK
16/Sep/2004 (TR)
- 08942 PK-GPG 1832 USB MWARA SEA-2, Garuda Indonesia
PK-GPG, selcal QSGP, working Singapore with posn, wx,
fuel status and selcal check, requesting new flight level

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360, didn't get Singapore's reply as they were fading away again slowly 16/Sep/2004 (TR)

08942.0 DUM : Manila.PHL AIR J3E/USB 2344 TFC ING . (19-Ago) (BC)

08965 PNR400: (OPBAT base Georgetown.Bahamas) 0226z ALE/USB Sounds (31Aug04) (CC)

08966.3 Unid: O/M (SS): 0118 USB w/O/M (SS). 24/08 RP3

08972.0 SKYWAT: (Skywatch, US Army Flight Watch Center, Soto Cano AB Honduras): 2236 USB/ALE sounding. Also sounding on 08065.0. 31/08 RP3

08977 Aeroflot SU0225 1712 HFDDL/USB [HFNPDU PERFORMANCE] 17:12:40 UTC Flight ID = SU0225 LAT 56 9 1 N LON 32 30 23 E 23/Aug/2004 (TR)

08977 Lufthansa LH8403 1711 HFDDL/USB [HFNPDU PERFORMANCE] 17:11:48 UTC Flight ID = LH8403 LAT 54 26 29 N LON 23 44 52 W 23/Aug/2004 (TR)

08977 Qatar Airways QR0001 1709 HFDDL/USB [HFNPDU PERFORMANCE] 17:09:26 UTC Flight ID = QR0001 LAT 51 41 55 N LON 8 2 17 E 23/Aug/2004 (TR)

08977.0 Aeroflot SU0121: 1122 HFDDL/USB [HFNPDU PERFORMANCE] 11:22:14 UTC Flight ID = SU0121 LAT 48 21 53 N LON 11 48 28 E 13/Aug/2004 (TR)

08977.0 Ethiopian ET0000: 1134 HFDDL/USB [HFNPDU PERFORMANCE] 11:34:32 UTC Flight ID = ET0000 LAT 48 56 51 N LON 12 27 55 E 13/Aug/2004 (TR)

08977.0 Finair AY2714: 1144 HFDDL/USB [HFNPDU PERFORMANCE] 11:44:18 UTC Flight ID = AY2714 LAT 58 44 48 N LON 25 55 30 E 13/Aug/2004 (TR)

08977.0 Aeroflot SU0225: 1712 HFDDL/USB [HFNPDU PERFORMANCE] 17:12:40 UTC Flight ID = SU0225 LAT 56 9 1 N LON 32 30 23 E 23/Aug/2004 (TR)

08977.0 Lufthansa LH8403: 1711 HFDDL/USB [HFNPDU PERFORMANCE] 17:11:48 UTC Flight ID = LH8403 LAT 54 26 29 N LON 23 44 52 W 23/Aug/2004 (TR)

08977.0 Qatar Airways QR0001: 1709 HFDDL/USB [HFNPDU PERFORMANCE] 17:09:26 UTC Flight ID = QR0001 LAT 51 41 55 N LON 8 2 17 E 23/Aug/2004 (TR)

08980.0 O/M (SS): 2211 USB w/O/M (SS). 04/09 RP3

08980.0 US Navy 0104: USB Link-11 Serial waveform (2-Jul-04) (JUM)

08983 0105z CAMSLANT (USCG Master Station Atlantic Portsmouth. VA) wkg CG 1706 with request on flight ops. Flight op normal position 252N 7856W

08983.0 Camslant Chesapeake: 0002 USB w/CG Rescue 2102 (HU-25A, CGAS Miami) who reports ops normal. 13/08 RP3

08983.0 Camslant Chesapeake: 1937 USB w/CG 2121 (HU-25, ATC Mobile) w/radio checks. 08/09 RP3

08983.0 USCG CAMSLANT-Chesapeake VA: ?????z USB wkg CG 1501 (HC-130H, Elizabeth City NC) re Ops Normal report. (10/Aug/2004) (ALS)

08983.0 USCG CAMSLANT-Chesapeake VA: ?????z USB wkg CG 1717 (HC-130H, CGAS Clearwater FL), assumes guard. (10/Aug/2004) (ALS)

08983.0 USCG CAMSLANT-Chesapeake VA: ?????z USB wkg CG 1720 (HC-130H, CGAS Clearwater FL), reports on approach, guard secured.(10/Aug/2004) (ALS)

08983.0 USCG-CAMSLANT (Chesapeake VA): 1431z USB wkg CG 2109 (HU-25A Falcon Jet); Assumes guard. (30/Aug/2004) (ALS)

08983.0 USCG-CAMSLANT (Chesapeake VA): 1435z USB wkg CG 2118 (HU-25A Falcon Jet); Acft hm base: Corpus Christi, on patrol, destination Lake Charles LA. (30/Aug/2004) (ALS)

08983.0 USCG-CAMSLANT (Chesapeake VA): 1435z USB wkg CG 2118 (HU-25A Falcon Jet); Acft hm base: Corpus Christi. on patrol. destination Lake Charles LA. (30/Aug/2004) (ALS)

08983.0 USCG-CAMSLANT (Chesapeake VA): 1435z USB wkg CG 2118 (HU-25A Falcon Jet); Acft hm base: Corpus Christi. on patrol destination Lake Charles LA. (30/Aug/2004) (ALS)

08984.0 : UNID.UNID CIS MIL NATO 75/850 2152 N-D . (20-Ago) (BC)

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08990.0 O/M: (SS): 0018 USB w/o/M (SS). 27/07 RP3
 08992 ANDREWS: 28-char EAM 1848 DWZDCK. (24 Aug 04) (JH)
 08992 CACTI 81: Clg MAINSAIL 0721 USB Raises YOKOTA for a
 phone patch to a DSN 779 number. As of 0730z the patch had
 been unsuccessful. (30 Aug 04) (JH)
 08992 CHALICE GOLF(?): Clg OFFUTT GLOBAL 1614 USB No known
 response. He called again. and this time his id sounded
 like hotel sc___ or ? No response and gone.
 (25 Aug 04) (JH)
 08992 IRON FIST: EAM Bcast 1854 DWZDCK with nothing heard on
 6697. 11244 or 13155. (24 Aug 04) (JH)
 08992 LAJES: USAF Lajes Field AZR 0653 USB Passing EAM.
 (28Aug04) (CC)
 08992 ROCK 69: Clg ANDREWS & MAINSAIL 0939 USB Andrews responded.
 Phone patches DSN991-XXXX; not available; tries unit's
 maintenance officer. No reply heard. (29Aug04) (GB)
 08992 SHADO 91: Calling ANY MARS 2139 USB Called a couple
 of times. the second time maybe getting a response (too weak
 to id) but nothing heard after. (25 Aug 04) (JH)
 08992.0 :At 0307z 07 Sep 04AUDIO KIT called and maybe worked _
 _ LUCKY (maybe GOT or DOT LUCKY; unheard here.) AUDIO KIT is
 still occasionally active past 0307z.(JH)
 08992.0 :At 0355z 07 Sep 04 AUDIO KIT (weak/barely readable)
 called and worked ANTHOLOGY (or sounds like; unheard here).
 At 0306z called [unable to id] and requested he check his
 callsign.(JH)
 08992.0 :was active at 0351z 07 Sep 04 with OFFUTT calling
 PATHOLOGY with no known response. (JH)
 08992.0 USAF HF-GCS, Croughton AFB: 0339z USB wkg REACH 303,
 QSYd from Offutt AFB on 11175; ph patch to DSN 314-496-6196
 Moron AB, Spain. (30/Aug/2004) (ALS)
 08992.0 USAF HF-GCS. Croughton AFB: 0339z USB wkg REACH 303.
 QSYd from Offutt AFB on 11175; ph patch to DSN 314-496-6196
 Moron AB. Spain. (30/Aug/2004) (ALS)
 08992.0 USAF HF-GCS. Croughton AFB: 0339z USB wkg REACH 303.
 QSYd from Offutt AFB on 11175; ph patch to DSN 314-496-6196
 Moron AB. Spain. (30/Aug/2004) (ALS)
 08992.0 was active at 0756z 14 Sep 04 with ANDREWS (good
 levels to weak levels depending on site used) working SNOW
 PLOW (unheard here) and asking him to "QSY to 290".
 08992.0 was active at 1223z 01 Sep 04 with LC 822 (strong
 levels here; very distorted audio. almost unreadable)
 calling MAINSAIL a number of times with no response (maybe
 because he was so distorted; wasn't helped by shouting
 into his mic).(JH)
 08992.0 was active at 1351z 11 Sep 04 with PLEASANT
 (fair levels here) working MCCLELLAN (unheard) for a phone
 patch to a commercial 806 number.(JH)
 08992.0 was active at 1537z 02 Sep 04 with BIRDS EYE (good
 levels here with fading) bcsting a 28-character EAM (Q4U3KM)
 with no simulcast freqs checks. His voice audio only
 captured the first two readings of the preamble and the
 second reading of the string.(JH)
 08992.0 was active at 1705z 15 Sep 04 with NAVY 676 (fair
 levels here) calling MAINSAIL a few times with no known
 response and gone.(JH)
 08992.0 was active at 1712z 12 Sep 04 with JAKE 13 (good
 levels here) calling ANDREWS GLOBAL, ANY GLOBAL and
 MAINSAIL a number of times with no known response
 and gone. (JH)
 08992.0 was active at 1737z 12 Sep 04 with FISH BAIT
 (or sounds like; good to sometimes weak levels; fading
 on signal) bcsting a 28-character EAM (Q4VCS7) with nothing
 heard on 6697.0, 11244.0 or 13155.0.(JH)
 08992.0 was active at 1748z+ 02 Sep 04 with RULER 15 (good
 levels here) calling MAINSAIL numerous times. eventually
 raising MCCLELLAN (unheard here but ok to RULER 15) at
 1752z for a radio check and gone.(JH)

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08992.0 was active at 1908z 18 Sep 04 with EQUALITY (weak/
readable levels here) bcsting a 28-character EAM (FP4MXC)
with nothing heard on 6697.0, 11244.0 (JH) or 13155.0.

08992.0 was active at 1922z 18 Sep 04 with EQUALITY (weak/
readable) bcsting a 28-character EAM (FP3MNR) with nothing
heard on 6697.0, 11244.0 or 13155.0.(JH)

08992.0 was active at 2234z 01 Sep 04 with BOLD 900 (nine
zero zero; fair) calling MAINSAIL a number of times with no
known response.(JH)

08992.0 was active at 2337z 10 Sep 04 with BLUE CHIP (or
sounds like; weak/readable levels here) bcsting a
28-character EAM (Q4XGHV) and simulcasting same on at
least 11244.0 (weak/barely readable) with nothing
heard on 6697.0 or 13155.0. H+07/h+37 activity. Maybe
also heard at 2237z with same at much weaker levels.(JH)

09006.7 Unid: 2000 PactorI Unid stn calling "Q6GH"
(09/07/04) (AJP)

09010.0 ---: NATO 0044 Link-11 (04/08/04) (AJP)

09010.0 O/M (SS): 0207 LSB w/unheard station. 12/08 RP3

09013.0 O/M (SS): 0032 USB w/O/m (SS) passing what appears to be
aircraft/flight tracking data. 18/08 RP3

09022.0 US Navy 0058: ISB Link-11 in both sidebands.
(2-Jul-04) (JUM)

09025 MPA: USAF at RAF Mt Pleasant FLK 2035 ALE/USB Sounding.
(24Aug04) (RGA)

09025.0 AIE : Barrigada.GUM USAF ANDERSEN AFB J3E/USB 1928
CLG/WKG510 'GUAM' (12-Ago) (BC)

09025.0 AIF80 : Yokota.J USAF J3E/USB 2111 CLG/WKG '...210'
'YOKOTA' (12-Ago) (BC)

09025.0 AJE : Croughton.G USAF J3E/USB 2310 TFC ING CROUGHTON
(14-Ago) (BC)

09025.0 CUW : Lajes.AZR USAF J3E/USB 0115 CLG/WKG Croughton
'LAJES' (15-Ago) (BC)

09025.0 JTY : AIF80 Yokota.J USAF ALE/USB 1904 SOUND .
(12-Ago) (BC)

09025.0 MCC : AFI2 Sacramento.CA.USA USAF MCCLENNAN AFB ALE/USB
0156 SOUND . (15-Ago) (BC)

09025.0 NSY : Sigonella.I USN J3E/USB 0117 WKG Ascension
'SIGONELLA' (15-Ago) (BC)

09025.0 OFF : AFG4 Omaha.NE.USA USAF OFFUT AFB ALE/USB 2340
SOUND . (14-Ago) (BC)

09025.0 RIC : KIG449 Richmond.VA.USA CAP ALE/USB 0013 SOUND
. (15-Ago) (BC)

09025.0 WRL : AFE Warner Robins.GA.USA USAF ROBIN AFB ALE/USB
2342 SOUND . (14-Ago) (BC)

09025.0 210100: C-17 Globemaster Aircraft 2130 USB/ALE snd tws
210100 12/Aug/04 (ZE)

09025.0 210189: (C-17 # 01-0189): 2308 USB/ALE TO JDG (Diego
Garcia). 16/07 RP3

09025.0 290058: (C-17 # 99-0058): 2005 USB/ALE sounding.
Also noted on 18003.0. 16/07 RP3

09025.0 367953: (C-141 # 76-7953): 1941 USB/ALE sounding. Also
noted on 11226.0. 19/07 RP3

09025.0 571428: (KC-135 # 57-1428): 1444 USB/ALE TO DEFAULT.
Also noted on 13215.0. 19/07 RP3

09025.0 70000456: 2146 unid USAF callsign USB/ALE 10/08 (PP1)

09025.0 ADW: (Andrews AFB): 1432 USB/ALE TO 571499
(KC-135 # 57-1449). Also noted on 11226.0; 13215.0; and
180003.0. 16/07 RP3

09025.0 CES: UNID USAF? 0209 USB/ALE to JNR 07/Aug/04 (ZE)

09025.0 F41: (HU-25 # 2141 CGAS Cape Cod): 1740 USB/ALE JNR
(Roosevelt Roads PR). 16/07 RP3

09025.0 GUA: NAS Andersen AB 1935 USB/ALE snd tws GUA
06/Aug/04 (ZE)

09025.0 HAW: USAF ascension 1911 ALE snd Jul15 04 ML

09025.0 JDG: NAS Diego Garcia AFB 1943 USB/ALE snd tws JDG
06/Aug/04 (ZE)

09025.0 KLPS: (unidentified): 1618 USB/ALE sounding. Also sounding

on 18003.0. 17/07 RP3
 09025.0 MPA: USAF Mt. Pleasant AB 1953 USB/ALE snd tws MPA
 06/Aug/04 (ZE)
 09025.0 OFF (Offutt AFB): 1933 USB/ALE w/E30352 (E-3B AWACS #
 77-0352, Tinker AFB OK). 08/09 RP3
 09025.0 T498AA: UNID USA? 2003 USB/ALE snd tws T498AA
 21/Aug/04 (ZE)
 09025.0 TF185: UNID USA? 2006 USB/ALE snd tws TF185 21/Aug/04 (ZE)
 09031.0 Architect: (RAF Flight Watch): 0133 USB w/airfield color
 states. 12/08 RP3
 09031.0 architekt : RAF Upavon 1214 usb wx for lcl k lcp h lqb k
 1219z: egk egnt egvn 06Sep04 (wp3)
 09031.0 ascot 4937 : RAF transport 1049 usb clg cyprus for r.c.
 n.j. 06Sep04 (wp3)
 09031.0 ascot 4937 : RAF transport 1307 usb clg architect n.j.
 06Sep04 (wp3)
 09031.0 ascot 6723 : RAF transport 1026 usb clg architect for r.c.
 n.j. 06Sep04 (wp3)
 09031.0 ascot 9195 : RAF transport 1307 usb clg cyprus n.j.
 06Sep04 (wp3)
 09031.0 m2d : RAF 0945 usb clg architect for r.c. , dann stby for
 further test 06Sep04 (wp3)
 09031.0 m2d : RAF 1123 usb clg architect for r.c. then req. wx for
 egpd (Aberdeen) lgtl (Kasteli mil egk (Kinloss)
 06Sep04 (wp3)
 09031.0 nato 05 : Nato AC 1019 usb clg architect for r.c.
 requesting pp to waddington .. everything is in place for you
 ..then wx for egxc (Coningsby) then sc check kshj
 06Sep04 (wp3)
 09031.0 rafair7487 : Royal Air Force 1109 usb clg architect for
 r.c. request you contact egk and confirm the second
 aircraft got airborne 1115z: answer and wx req. for
 licz (Sigonella) lgtl (Kasteli mil) lgsa (Chania/Souda mil)
 06Sep04 (wp3)
 09031.0 rafair7492 : Royal Air Force 1237 usb clg architect for
 r.c. qsy to 5702 06Sep04 (wp3)
 09031.0 rafair7496 : Royal Air Force 2010 usb clg architect for
 r.c. “nothing further for you this time out”
 06Sep04 (wp3)
 09031.0 trimble 01 (sounds like) : RAF seaking helo 1241 usb
 operations in bosnia requesting safety of flight ? 3 persons
 on board 06Sep04 (wp3)
 09031.0 vortex 598 : Royal Air Force 1103 usb clg architect for
 r.c. n.j. 06Sep04 (wp3)
 09031.0 Architect: (RAF Flight Watch): 0230 USB w/RAF airfield color
 states. 19/08 RP3
 09031.0 RAF Cyprus: 0116 USB w/wx conditions. Caught at sign off.
 24/08 RP3
 09033.0 O/M: (Arabic mixed w/FF): 0224 USB w/O/M (Arabic mixed w/FF).
 Chat was in Maghrebi dialect with "yes", "no" & numbers in FF.
 19/08 RP3
 09033.0 O/M: (AR & FF): 0215 USB w/O/Ms (AR & FF). No callsigns
 noted on this net. 23/07 RP3
 09035.0 O/M (SS): 2208 USB w/aircraft (O/M SS) w/flight info.
 Possibly Avianca LDOC. 04/09 RP3
 09035.0 O/M (SS): 2321 USB w/flight 003 (O/M SS) w/position report
 and flight route. Probable Avianca LDOC. 05/08 RP3
 09035.0 O/M: (SS): 0022 USB w/Avianca flight 84 (O/M SS) w/position
 reports and wx. Avianca LDOC. 21/07 RP3
 09039.0 : UNID.UNID UNID J3E/USB 1856 TFC ARA SIMPLEX
 (26-Ago) (BC)
 09040.7 5YE: Nairobi Meteo 1716 RTTY/100/850 Tst tape Test tape.
 (27/Aug/04) (RH2)
 09041 5YE: Nairobi Meteo 2132 RTTY/100/850 Calls and RYs. Good
 copy. (24Aug04) (RGA)
 09044.0 BAGDAD: US-MIL Baghdad, IRQ 0347 USB/MIL-STD 188-141A,
 working R26633 (01Sep04) (LDO)
 09044.0 T1Z106: 1-106th AVN Balad Airfield, IRQ 0430 USB/MIL-STD

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188-141A, sounding (01Sep04) (LDO)
09044.0 T1Z244: 1-244th AVN Camp Anaconda, IRQ 0045 USB/MIL-STD
188-141A, sounding (01Sep04) (LDO)
09047.0 JNRCAP: (Civil Air Patrol, Roosevelt Roads, Puerto Rico):
2103 USB/ALE sounding. Also noted sounding on 11402.0 & 12081.0.
05/08 RP3
09050 TO DIA (unid) This is MAR400 (unid) 2455z ALE/USB
(31Aug04) (CC)
09050 TO KGD34N:(unid FCC?) FROM AAR6HXST (unid) 2444z ALE/USB
(31Aug04) (CC)
09051.0 U/I: M40 Grid Tracking 0530 CW / excellent copy tonight;
several active tracks (05/Sep/2004) (Attu Bosch)
09052.0 AMMAN: (French Embassy, Jordan): 0049 USB/ALE TO ABUDHABI
(French Embassy, Abu Dhabi). 13/08 RP3
09052.0 ARAMARIO: VEN Ny Base Armario 2359 USB/ALE to CGARM VEN Ny
HQ 05/Aug/04 (ZE)
09052.0 BLAZER3412D: UNID VEN MIL unit, VEN 0019 USB/MIL-STD
188-141A, tfc to CCM33 (13Aug04) (LDO)
09052.0 BUJUMBURA: French emb. Bujumbura, BDI 0301 USB/MIL-STD
188-141A c1ng KHARTOUM (26Jul04) (LDO)
09052.0 CCM33: (Mobile Command Center, 33rd Inf Bde, Venezuelan
Army): 2332 USB/ALE TO CCM23 (Mobile Command Center,
23rd Special Operations & Security Bde). 15/08 RP3
09052.0 CCM33: (Mobile Command Center, 33rd Inf Bde,
Venezuelan Army): 2353 USB/ALE TO BLAZER3411D
(341st Tactical Comms Bn). 15/08 RP3
09052.0 CER11: MFA Paris 1831 USB/ALE to F Emb Rabat 05/Aug/04 (ZE)
09052.0 CER41: (French MFA, Paris): 0631 USB/ALE TO LECAIRE
(French Embassy, Cairo). 13/08 RP3
09052.0 CGGN: (HQs Venezuelan National Guard): 0513 USB/ALE TO
MIRA1(possibly Venezuelan Navy Special Operations Unit
Generalissimo Miranda). Also noted on 10272.0. 06/27 RP3
09052.0 CGGN: (HQs, Venezuelan National Guard): 0057 USB/ALE TO
CUFAN3 (Unified Command of Armed Forces). Also noted on 10600.0.
10/08 RP3
09052.0 CGGN: (HQs, Venezuelan National Guard): 0512 USB/ALE TO
MIRA1 (probable Navy Special Operations Unit "Generalissimo
Miranda"). 19/07 RP3
09052.0 CGGN: (HQs, Venezuelan National Guard): 0506 USB/ALE TO
CUFAN1(Unified Command of Armed Forces). 26/07 RP3
09052.0 CGGN: Venezuelan National Guard HQ 2321 USB/ALE to
DESTAFAC23 05/Aug/04 (ZE)
09052.0 CORE7 (Venezuelan National Guard, Commander Region 7):
0720 USB/ALE TO CGGN (HQs, Venezuelan Nat'l Guard). Also
noted on 10600.0. 15/09 RP3
09052.0 CORE7: (Commander, Military Region 7): 2306 USB/ALE TO
CUFAN3 (Unified Command of Armed Forces). Also noted on
08060.0. 19/07 RP3
09052.0 CORE7: Venezuelan Army Military Region #7 0341 USB/ALE
MIRA3 VEN Ny Miranda 06/Aug/04 (ZE)
09052.0 CRC2M: (Regional Command Post, Military Region 2,
Venezuelan Army): 2251 USB/ALE TO CLC24M (Communications
Logistics
Center, 24th Inf Bn). 19/07 RP3
09052.0 DESTAFAC23: (Detachment 23, Combined Military Forces,
Venezuelan National Guard): 2302 USB/ALE TO CUF (Unified
Command of Armed Forces). 19/07 RP3
09052.0 DESTAFAC23: Detachment 23 Combinet Military Forces 2228
USB/ALE to CUFAN3 Command VEN Army 05/Aug/04 (ZE)
09052.0 KHARTOUM (French Embassy, Sudan): 0359 USB/ALE TO
BUJUMBURA (French Embassy, Burundi). 15/09 RP3
09052.0 LECAIRE: (French Embassy, Cairo): 0204 USB/ALE TO
CER41 (French MFA, Paris). 10/08 RP3
09052.0 RABAT:)French Embassy, Morocco): 0747 USB/ALE TO
CER11(French MFA, Paris)---[AMD]KKXE7@. 16/07 RP3
09052.0 RABAT: F Emb Rabat 1831 USB/ALE to CER11 MFA Paris
05/Aug/04 (ZE)
09052.0 CGGN: (HQs, Venezuelan National Guard): 0113 USB/ALE TO MIRA1

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(Command Element at Presidential Palace (Palacio de Miraflores).
 Also noted on 10272.0 & 10600.0 21/08 RP3

09075.0 Unid: 1147 FSK 100/850 encrypted ?? (07/07/04) (AJP)

09079.7 FKO : Djibouti.DJI FAF ARQ-E3 100/350 2203 IDLE .
 (14-Ago) (BC)

09081.5 B7Z101 (Coy "B", 7/101st Avn, Ft Campbell KY): 1408
 USB/ALE sounding. 04/09 RP3

09081.5 KFMHNG: (Nat'l Guard Bureau, Otis ANGB MA): 1757
 USB/ALE sounding. 12/08 RP3

09081.5 OUTSTATMONOUT: & BASEMONMOUT, unid: 1735 USB ALE
 (27/JULY/04)

09081.5 R26167: (probable UH-60 OHNG): 1129 USB/ALE TO T1Z137
 (1/137th Avn, OHNG, Rickenbacker, OH). 31/07 RP3

09081.5 T1Z137: (1/137th Avn, OHNG, Rickenbacker OH): 1623
 USB/ALE sounding. 01/08 RP3

09081.5 T7Z101: (7/101st Avn, Campbell AAF, Ft Campbell KY):
 1213 USB/ALE sounding. 13/08 RP3

09081.5 T7Z101: (7/101st Avn, Campbell AAF, Ft Campbell KY):
 1836 USB/ALE sounding. 12/08 RP3

09081.5 B7Z101: ("B" Coy, 7/101st Avn, Ft Campbell KY): 0245 USB/ALE
 sounding. 19/08 RP3

09066.0 : UNID.UNID UNID FSK 75/244 1440 N-D .
 (04-Ago) (BC)

09085.0 CARIBE: CLM-Ny Caribbean Cmd. Cartagena, CLM 0244
 LSB/MIL-STD 188-141A, c1ng "PROVIDENCIA"(06Aug04) (LDO)

09093.6 1TF792: French Ny ASW Frigate "PM L'Her" (F792)1405
 USB/MIL-STD 188-141A, c1ng. 3TLFUO (Toulon) (26Jul04) (LDO)

09106.0 AAT3BFMARS: MARS Region 3 Gateway, Newark, DE 0459 USB
 ALE/MIL-188-141A snd (13/AUG/04) (KK)

09106.0 X30: UNID ? Loc USA 0137 USB/ALE snd tws (06Sept04) (ZE)

09110 NMF: USCG Boston MA USA 1949 FAX/120/576 Weak. Noisy
 pressure chart. (29Aug04) (RGA)

09120 : Russian Military 2029 MS-5/1440/USB Setup tones.
 (24Aug04) (RGA)

09124.0 AMMAN: F Emb Amman 1352 USB/ALE to RIYADH F Emb
 15/Aug/04 (ZE)

09124.0 AMMAN: French emb. Amman, JOR 1611 USB/MIL-STD188-141A
 calling "RIYAD" (13Aug04) (LDO)

09124.0 RIYAD: French embassy Riyadh, ARS 2159 USB/MIL-STD
 188-141A, tfc to AMMAN (13Aug04) (LDO)

09135.0 ANT: maybe TUN station 17:26 ALE/USB calling ADNET01
 29aug (PPA)

09135.0 ANTARNET01: UNID Tunisian MIL?, TUN? 0732 USB/MIL-STD
 188-141A/data and secure voice via MIL-STD 188-110A serial
 tone modem to ASSADNET01(25Jul04) (LDO)

09135.0 ASSADNET01: UNID Tunisian MIL?, TUN? 0732 USB/MIL-STD
 188-141A/data and secure voice via MIL-STD 188-110A serial
 tone modem to ANTARNET01 (25Jul04) (LDO)

09140.0 : UNID.UNID UNID FSK 100/450 0550 N-D .
 (24-Ago) (BC)

09153.0 V2: /cuba 0719 USB span y1 numbers Jul17 04 ML

09159.0 : UNID.UNID UNID FSK 50/850 1905 N-D .
 (25-Ago) (BC)

09164.9 HLL: Seoul Meteo 1930 FAX 120/576 wave ht prog
 (03Sep04)(KB)

09181.0 U... : UNID.CIS CIS MIL RUS-SYS 75/248 2146 N-D .
 (20-Ago) (BC)

09190.0 64B: (LST " Los Llanos" T-64): 0231 USB/ALE TO BNA
 (Venezuelan Navy Base "Amario"). Also noted on 13500.0.
 19/07 RP3

09190.0 BNA: (Naval Base "Amario"): 0838 USB/ALE TO CGA
 (HQs, Venezuelan Navy). 26/07 RP3

09190.0 BNA: (Venezuelan Navy Base "Amario"): 0307 USB/ALE TO
 CGA (HQs, Venezuelan Navy). Also noted on 08500.0 & 13500.0.
 19/07 RP3

09190.0 VEN Base Amario/River Forces 0008 USB/ALE to CGA
 Venezuelan Army HQ 13/Aug/04 (ZE)

09190.0 BNF: (Naval Base "Falcon"): 0022 USB/ALE TO PR4 (River

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Patrol Craft "Lago 4" PBR-4). 20/07 RP3
09190.0 BNF: (Venezuelan Navy Base "Falcon"): 0241 USB/ALE TO
CGA (HQs, Venezuelan Navy). 19/07 RP3
09190.0 BNF: (Venezuelan Navy Base "Falcon"); 0307 USB/ALE TO
BNA (Venezuelan Navy Base "Amario"). 09/08 RP3
09190.0 CGA: (HQs, Venezuelan Navy): 1144 USB/ALE TO DHN DH
(unidentified, possible Venezuelan Navy). 21/07 RP3
09190.0 CGA: (HQs, Venezuelan Navy): 0725 USB/ALE TO 64B
(LST " Los Llanos" T-64). Also noted on 13500.0. 26/07 RP3
09190.0 CGA:Venezuelan Army HQ 0025 USB/ALE to 21B UNID VEN
Ny 13/Aug/04 (ZE)
09190.0 DHN (Venezuelan Navy's Direccion de Hidrografia y
Navegacion): 0405 USB/ALE TO PR1(River Patrol Craft "Lago1"
PBR-1). 15/09 RP3
09190.0 JU10: Unid [TO][HN12][TIS][JU10]1834 ALE 18-aug-04 (SE)
09190.0 JW90: Unid [TO][HN12][TIS][JW90][AL0] 1828 ALE 18-aug-04 (SE)
09200.0 Unid: 0108 STANAG-4481 75/850 encrypted. (2-Jul-04) (JUM)
09201.5 ---: Unid 2154 Piccolo 12 tones 220 width (07/08/04) (AJP)
09201.52 M... : UNID.UNID BF PICCOLO-6 2132 TFC KRY .
(16-Ago) (BC)
09215.2 ---: Unid 0042 FSK 75/850 (04/08/04) (AJP)
09230 0000210001: Grc-Mil, ALE 1748 16-09-04 [sw]
09230 0000210303: Grc-Mil, ALE 1948 16-09-04 [sw]
09230 BAGDAD: Usa-Mil in Iraq. Snds ALE 1745 16-09-04 [sw]
09230.0 BAGDAD: US-MIL Baghdad, IRQ 1917 USB/MIL-STD 188-141A,
sounding (02Sep04) (LDO)
09230.0 0000210488: Unid poss Grc [TWS] [0000210488] 2028 ALE
19-aug-04 (SE)
09230.0 000021050: Unid poss Grc [TWS][000021050] 2052 ALE
19-aug-04 (SE)
09230.0 P2Z11D: Unid [TWS][P2Z11D][AL0] 2034 ALE 19-aug-04 (SE)
09230.0 P2Z11D: Unid [TWS][P2Z11D]1920 ALE 21-aug-04 (SE)
09230.0 T2Z11D; Unid [TWS][T2Z11D]2002 ALE 21-aug-04 (SE)
09230.0 T498AA: Unid [TWS][T498AA][AL0] 19 03 ALE 21-aug-04 (SE)
09230.0 T498AA; Unid [TWS][T498AA][AL0] 2045 ALE 19-aug-04 (SE)
09230.0 T507: Unid [TWS][T50][AL0] 1825 ALE 21-aug-04 (SE)
09230.0 T82AA: Unid [TWS][T82AA] 2032 ALE 19-aug-04 (SE)
09234.0 Unid: 0041 FSK 81/250 Possible 81-81 mode Overmodulated ??
signals on 9230.6, 9232.3, 9233.16, 9234.0, 9234.84, 9235.7
(19/07/04) (AJP)
09245.5 BAVARIANOPS: US-Army Katterbach(?) D 2040 USB/MIL-STD
188-141A, sounding (30Jul04) (LDO)
09245.5 R26023: US Army UH-60A Blackhawk, D 1552 USB/MIL-STD
188-141A calling MED236AA [236th MedCo Landstuhl/Germany]
(05Aug04) (LDO)
09245.5 T5Z158: 5-158th AVN Giebelstadt, D 0708 USB/MIL-STD
188-141A, sounding (05Aug04) (LDO)
09250.0 ABUDHABABD: Norwegian embassy Abu Dhabi, UAE 0256 USB/MIL-
STD 188-141A/MIL-STD 188-110B, short data traffic to Kabul
(12Sep04) (LDO)
09250.0 AFGHANIABD: Norwegian embassy Kabul, AFG 0256 USB/MIL-STD
188-141A/MIL-STD 188-110B, short data tfc. to Abu Dhabi
(12Sep04) (LDO)
09260.0 28 : UNID.UNID DaF ALE/USB 0603 CLG 68 . (24-Ago) (BC)
09260.0 68 : UNID.UNID DaF ALE/USB 0603 CLG DK11 . (24-Ago) (BC)
09270.0 USDAHQ1: Department of Agriculture HQ, Washington D.C. &
KNR43, NTCN?, unid location: 1708 USB ALE.Also using 5901.0
(USDA frequency) & 9106.0 (SHARES ALE frequency)
(04/AUG/04) (JLM)
09295 BI20: clg BI23 Mrc-Pol, ALE 1846 14-09-04 [sw]
09295 BI20: clg YK2 Mrc-Pol, ALE 0809 14-09-04 [sw]
09295 BI21: clg HN22 Mrc-Pol, ALE 1750 09-09-04 [sw]
09295 BI21: clg HN22 Mrc-Pol, ALE 1807 14-09-04 [sw]
09295 BI25: clg BI20 Mrc-Pol, ALE 1832 14-09-04 [sw]
09295 CPSNY: Usa-Nat'l Guard, Ny. Snds. ALE 2235 06-09-04 [sw]
09295 DR21: clg DR20 Mrc-Pol ALE 1751 09-09-04 [sw]
09295 DR21: clg HN22 Mrc-Pol ALE 1803 09-09-04 [sw]
09295 IK2: clg YK2 Mrc-Pol, ALE 0809 14-09-04 [sw]

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09295 MI22: clg HN22 Mrc-Pol ALE 1814 09-09-04 [sw]
09295 MI22: clg HN22 Mrc-Pol, ALE 180014-09-04 [sw]
09295 RVHNY: Usa-Nat'l Guard Riverhead, Ny. Snds. ALE 2233
06-09-04 [sw]
09295 STINY: Usa-Nat'l Guard Staten Island, Ny. Snds.
ALE 2255 06-09-04 [sw]
09295 YK22: clg HN22 Mrc-Pol ALE 1820 09-09-04 [sw]
09295 YK22: clg HN22 Mrc-Pol, ALE 1744 14-09-04 [sw]
09295 YK23: clg YK20 Mrc-Pol, ALE 1757 14-09-04 [sw]
09295 YK23: snds Mrc-Pol, ALE 0821 14-09-04 [sw]
09295 YK2: clg YK20 Mrc-Pol, ALE 0819 14-09-04 [sw]
09295 ZK2: clg YK2 Mrc-Pol, ALE 1808 14-09-04 [sw]
09295.0 BI20: UNID 2345 USB/ALE to HN22 (04/Sept/04) (ZE)
09295.0 BI21: UNID 0549 USB/ALE to BI2, HN2 (05/Sept/04) (ZE)
09295.0 BNGNY: (Nat'l Guard Bureau, Binghamton NY): 1420 USB/ALE
sounding. 08/08 RP3
09295.0 BNGNY: NY National Guard, Binghamton 2340 USB/ALE snd tws
(04/Sept04) (ZE)
09295.0 CPSNY: NY National Guard ? Loc 2351 USB/ALE snd tws
(04/Sept/04) (ZE)
09295.0 EAATS (Eastern Army Aviation training Site, Muir AAF, Ft
Indiantown Gap PA): 0016 USB/ALE sounding. 12/09 RP3
09295.0 KFMHNG: (Nat'l Guard Bureau, Otis ANGB Mass): 1306 USB/ALE
sounding. Also noted sounding on 07650.0; 08181.5 & 10818.0.
03/08 RP3
09295.0 R26592: (UH-60L, 1/159th Avn): 1526 USB/ALE TO T1Z159
(1/159th Avn, Ft Bragg NC). Also on 08171.5. 17/08 RP3
09295.0 RCHNY (Nat'l Guard, Rochester NY): 0014 USB/ALE sounding.
12/09 RP3
09295.0 RCHNY: (Nat'l Guard Bureau, Rochester NY): 1746 USB/ALE
sounding. 01/08 RP3
09295.0 RCHNY: NY National Guard, Rochester 2327 USB/ALE snd tws
(04/Sept/04)ZE)
09295.0 RVHNY: NY National Guard, Riverhead 2308 USB/ALE snd tws
(04/Sept/04)(ZE)
09295.0 STINY: NY National Guard, Staten Island 2317 USB/ALE snd tws
(04/Sept/04)(ZE)
09295.0 SYRNY: NY National Guard, Syracuse 2337 USB/ALE snd tws
(04/Sept/04) (ZE)
09295.0 YK22: UNID 0532 USB/ALE to HN22 (05/Sept/04) (ZE)
09295.0 YK22: UNID 0629 USB/ALE to HN2 (05/Sept/04) (ZE)
09295.0 RVHNY: (Nat'l Guard unit, Riverhead NY): 0039 USB/ALE sounding.
19/08 RP3
09315.0 OHT: ALG SONATRACH Oil & Gas Operations clg various stns [TFT]
Fouye Tabankort, Alg 2021[BORMA] Hamadet El Borma 2023 [GT]
Alg Gassi Touil, Alg 2036 [ALR]Alrar, Alg 2040 [REB] Rebaa,
2042 ALE 19-Aug-04 (SE)
09315 HR: Sonatrach Hassi R'Mel ALG 1956 ALE/USB Sounding.
(24Aug04) (RGA)
09343.0 U... : UNID.CIS CIS MIL RUS-SYS 75/247 0947 N-D .
(31-Ago) (BC)
09350.0 2005: Carabinieri Peacekeeping unit Balkans 2104 USB/MIL-
STD 188-141A, calling 5004(29Jul04) (LDO)
09373.0 rmp: : Rus. Navy Baltic Fleet, Kaliningrad 0734 cw de rmp
qsa ? rhn85 rhn85 rhn85 de rmp rmp qsa ? k 26Aug04 (wp3)
09462.0 AF7: (C-20 # 86-0403, 99th AS Andrews): 1551 USB/ALE
sounding. 15/08 RP3
09910.9 : UNID.UNID UNID MFSK4 195.3/300 0510 N-D .
(10-Ago) (BC)
09982.5 KVM-70: Honolulu Met 0630 fax 120/576 sfc/Anal clear -
//11090.0 (11/Sep/04) (RH2)
09996.0 RWM: Moscow, RUS, 0430, CW, time signals, 19/8/2004 (CK)
10000.0 PC13: Venezuelan Ny Patrulleras "Independencia" 0441 LSB
ALE clg DCCOP Dir.de Coordinacion y Control Operacional
(13/AUG/04) (KK)
10006.5 O/M (SS): 0020 USB w/O/M (SS). Uses nicknames as
identifiers. Familiar conversation. Mention of Peru in
chat. 08/09 RP3

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10007.0 O/M (Caribbean EE): 0032 USB w/Y/L (Caribbean EE).
17/08 RP3

10021 S: MS Beacon Arkhangel'sk 2036 CW Appears to be on
its own. (24Aug04) (RGA)

10024.0 Bogota Aero: 0342 USB Flight 340 clg w/no response
SS(16Jul2004) (AT)

10024.0 Cenamer Aero: 0335 USB wkg LA601 LAX-LIM SS (16Jul2004) (AT)

10024.0 Lima Aero: 0336 USB wkg LA601 SS (16Jul2004) (AT)

10024.0 Pascua Aero: 0505 USB clg LA801 SCL-AKL SS(18Jul2004) (AT)

10024.0 Santiago Aero: 2235 USB SS wkg LA833 SCL-IPC (08Aug04) (AT)

10024.0 Santiago Aero: ???: 0505 USB wkg LA801 SS AIREP conversation
ended with "okay 801, buenos noches" when flight reporting
at 80W so presumably Santiago as Pascua would not be
signing off with aircraft at that position...??
(18Jul2004) (AT)

10024.0 CENAMER: (MWARA SAM-1): 0019 USB w/flight 0104 (O/M SS)
w/position report. 18/08 RP3

10030.0 Argentinas LDOC: 0415 USB SS AR1133 MAD-EZE clg w/no
response LDOC presumed and NOT ID'd (11Aug04) (AT)

10033.0 KIS : Miami.FL.USA ARINC J3E/USB 2338 TFC ING 'MIAMI
RADIO' (19-Ago) (BC)

10035.0 O/M: (CC): 0206 USB w/O/M (CC). 23/07 RP3

10038.3 unid: ? 0458 P-I/100Bd clg 101A (11/AUG/04) (KK)

10040.0 O/M Arabic): 0017 USB w/O/M (Arabic). 18/08 RP3

10046.0 O/M: (CC): 0207 USB w/O/M (CC). Israeli Navy CW (4XZ) also
on this freq. 23/07 RP3

10046.3 4XZ : Haifa.ISR IsN CW 1909 TFC EBR . (24-Ago) (BC)

10051 GANDER RADIO: Gander VOLMET NF CAN 1924 USB OM with
Canadian airfield actuals and SIGMETs. (29Aug04) (RGA)

10053.0 Gander Radio: USB 2355Z O/M EE with weather 2359Z. (JM)

10057.0 San Francisco (MWARA CEP-1): 0030 USB w/Aloha 494
w/position report. 17/08 RP3

10066 LX-PCV: CargoLux B747 'City of Shengen' 2100 Logs on to Hat
Yai. (25Aug04) (RGA)

10066 N455UP: UPS B757 Flt UP6913 2051 HFDL Reports 1923N 12111E
to Hat Yai. (25Aug04) (RGA)

10066 VP-BWI: Aeroflot A320 Flt SU0124 2221 HFDL Posn report
5204N 0216E to ARINC Hat Yai. (21Aug04) (RGA)

10070 : Unid 1927 USB YL and OM in informal chat in Spanish.
(29Aug04) (RGA)

10075 A7-ACB: Qatar Airways A330 Flt QR0002 2252 HFDL Signs on
. (21Aug04) (RGA)

10075 I-LIVB: Livingstone A321 Flt LVG268 2304 HFDL At 2759N
03423E. (21Aug04) (RGA)

10075 LX0138: CargoLux B747 2256 HFDL Posn report 4349N 03236E
to ARINC Muharraq. (21Aug04) (RGA)

10075 N453PA: Polar Air Cargo B747F Flt PAC511 2255 HFDL At 4105N
040 25E. (21Aug04) (RGA)

10075 OH-LBO: Finnair B757 2310 HFDL Logs on to Bahrain.
(21Aug04) (RGA)

10075 ZS-SNB: S.African Airways A340 Flt SA0286 2255 HFDL Posn
report 0025S 08611E to ARINC Bahrain. (21Aug04) (RGA)

10075 ZS-SNE: S.African Airways A340 2302 HFDL Signs on. Prob Flt
SA0286. (21Aug04) (RGA)

10075.0 at751 (royal air maroc)- qr423 / 156 1740 HFDL work
muhurroq Aug31 04 ML

10075.0 ay1792 -cv796 (cargolux) 1740 HFDL work muhurroq Aug31 04ML

10075.0 Houston Radio: 0108 USB w/flight 36 (identifier missed-
either Air Transport International (ATN) DC-8 N782AL or Arrow
Air
(APW) DC-8 N906R) who asks relay of info that they departed San
Juan Puerto Rico and are headed for Quayaquil and have
maintenance
problem. Also w/selcal check (DL-JK). 05/08 RP3

10075.0 1h8415 -msr800 (egyptair) -tz4080 (american trans air)
HFDL1740 work muhurroq Aug31 04 ML

10075.0 su108 / 114 / 519 / 247 / 123 / 109 / 257 1740 HFDL work
muhurroq Aug31 04 ML

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- 10087.0 su247 /276 -1705 hfd1 work krasnoarsk Aug31 04 ML 10087.0
1h8444 / 8418 -ay1012 /2415 above iceland (ohl-bv /mqab) 1705
hfd1
work krasnoarsk Aug31 04 ML
- 10090 Taskent VOLMET 1108 USB very weak signal with flight wx
in English, nothing heard on //13279 4/Sep/2004 (TR)
- 10099.5 DDK9: DWD Kiel, D, 0620, RTTY 50/400, meteo, 9/8/2004 (CK)
- 10100.8 DDH7: Hamburg Met 1809 RTTY/50/440 RY/ID + freq info.
(22/Aug/04) (RH2)
- 10115.0 CLC51 (Local Communications Center, 51st Jungle Inf Bde,
Venezuelan Army): 0217 USB/ALE TO PCRC5 (Regional Command Post
(Communications), Military Region 5). 09/09 RP3
- 10115.0 SCLC512 (Subordinate Local Communications Center, 512th
Jungle Inf Bn, Venezuelan Army): 2327 USB/ALE TO CLC51 (Local
Communications center, 51st Jungle Inf Bde). 07/09 RP3
- 10115.0 SCLC512 (Subordinate Local Communications Center, 512th
Jungle Inf Bn, Venezuelan Army): 2336 USB/ALE TO SCLC511
(Subordinate Local Communications Center, 511th Jungle Inf
Bn). 07/09 RP3
- 10130.0 : UNID.UNID UNID FSK 50/850 0613 N-D . (17-Ago) (BC)
- 10136.2 unid: (egy air defense ??) 0828 arq-e/46,2 zczc kaa790 wka790
88 18094. 46099krm% gcy manf%00 vfk- vmxomy 00
vmybdinnnnnnnf 18Aug04(wp3)
- 10151.5 E02: & C11: 1931 USB ALE (19/AUG/04) (JLM)
- 10151.5 T2Z238: (2-238th Avn. Shelbyville IN): 2310 USB/ALE
sounding. 06/28 RP3
- 10151.5 T2Z238: (2/238th Avn, IN NG Shelbyville IN): 1342 USB/ALE
sounding. Also sounding on 07650.0. 21/07 RP3
- 10151.5 T2Z238: (2/238th Avn, IN NG Shelbyville IN): 1846 USB/ALE
sounding. 12/08 RP3
- 10160.0 US Navy: 0113 USB Link-11. (2-Jul-04) (JUM)
- 10165.0 no-call: Rus. intel, RUS 2010 BAUDOT 200.33Bd/ 500Hz, auto
broadcasting "null" message to 162 (04Sep04) (LDO)
- 10166.8 no-call: Australian Navy, AUS 1618 300Bd/340Hz FSK, KG-84
encrypted tfc.(07Aug04) (LDO)
- 10176 T2Z238: 2-238 AVN US Army Tuzla BIH 1910 ALE/USB Sounding.
(24Aug04) (RGA)
- 10176.0 T2Z238: 2/238th Avn IN NG Shelbyville. IN 1047 USB/ALE snd
tws T2Z238 25/Aug/04 (ZE)
- 10186.1 FUG: French Navy La Regine, F 0812 FSK 300Bd/ 850Hz, non
stop encrypted tfc., slightly over- modulated signal
(05Sep04) (LDO)
- 10190 80U: Prob Moroccan Gendarmerie 1932 ALE/USB Sounding.
(24Aug04) (RGA)
- 10190 20Z: Unid ALE 1406 16-09-04 [sw]
- 10190.6 DRAX: Ger-N FGS Gorch Fock, A-60 wkg DHJ59, J3e 1319
16-09-04 [sw]
- 10198.5 no-call: Dep. of State Comms Moscow, RUS 1212 PSK + MFSK,
switching between 25-tone parallel tone PSK-modem and
32-tone/40Bd MFSK, Crowd36 (12Sep04) (LDO)
- 10207.0 PORTOV: Unid 2120 ALE/USB Sounding. Also PY101A, C5A
(13/07/04) (AJP)
- 10217.0 : UNID.UNID UNID FSK 100/491 0840 N-D . (30-Ago) (BC)
- 10238.0 unid ; presumed Swiss diplo 11:23 USB mil std 188-141A
simplex traffic between two stations also Link protected
ALE calls 29aug (PPA)
- 10240.0 no-call: UNID Ukrainian MIL, UKR? 1305 BAUDOT 50Bd/200Hz,
encrypted tfc. after zzzzzzzz, msgs signed by "KAPRALOW"
(04Sep04) (LDO)
- 10250.0 no-call: UNID Turkish Ny vessel, 0916 USB/MIL-STD 188-110A
serial tone mode at 1200bps short interleaving, STANAG 5066
protocol, brief tfc exchanges w. other Turkish & non-Turkish
units,
probably exercise related (08Aug04) (LDO)
- 10256.0 Russian: PTT 0115 ISB OQPSK 1280bps modem in each sideband
. (2-Jul-04) (JUM)
- 10271.6 : UNID.UNID UNID ALE/LSB 1900 N-D . (26-Ago) (BC)

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- 10272.0 CGGN: (HQs Venezuelan National Guard): 0106 USB/ALE TO CUFAN1 (Unified Command of Armed Forces). Also on 08060.0 & 09052.0. 14/07 RP3
- 10272.0 CGGN: (HQs, Venezuelan National Guard): 0506 USB/ALE TO CUFAN1(Unified Command of Armed Forces). Also noted on 10600.0. 20/07 RP3
- 10272.0 CGGN: (HQs, Venezuelan National Guard): 0512 USB/ALE TO MIRA1 (probably Navy Special Operations Unit, "Generalísimo Miranda"). 26/07 RP3
- 10272.0 CORE7: (Commander Military Region 7, Venezuelan Army): 0320 USB/ALE TO=CGGN (HQs Venezuelan National Guard). Also noted on 08060.0. 14/07 RP3 =20=
- 10272.0 CORE7: (Commander, Military Region 7): 0741 USB/ALE TO MIRA3 (probable Navy Special Operations Unit "Generalísimo Miranda"). 20/07 RP3
- 10272.0 DESTAFAC23: (Detachment 23, Combined Military Forces, Venezuelan National Guard): 0702 USB/ALE TO CUFAN3 (Unified Command of Armed Forces). 20/07 RP3
- 10272.0 SCLC222M: (Communications Logistics Center, 222nd Motorized Inf Bn, Venezuelan Army): 0008 USB/ALE TO CLC22M (Communications Logistics Center, 22nd Inf Bde). 20/07 RP3
- 10272.0 SCLC222M: (Communications Logistics Center. 222nd Motorized Inf Bn. Venezuelan Army): 1116 USB/ALE TO CLC22M (Communications Logistics Center. 22nd Inf Bde). 06/27 RP3
- 10272.0 CORE7: (Military Region 7 Command, Venezuelan Army): 2306 USB/ALE TO CUFAN3 (Unified Command of Armed Forces). 18/08 RP3
- 10272.5 no-call: Bavarian Fed. Police Munich, D 0530 USB/FARCOS 1800Bd, tfc. to unlocated station(Berlin?) (17Aug04) (LDO)
- 10273.5 OEY41: Austrian MIL station, AUT 0606 USB/MIL-STD 188-141A tfc. to OEY52 (17Aug04) (LDO)
- 10273.5 OEY52: Austrian MIL station, AUT 0606 USB/MIL-STD 188-141A tfc. to OEY81 and OEY41 after c1ng NETZ2 [=collective call] (17Aug04) (LDO)
- 10273.5 OEY81: Austrian MIL station, AUT 0606 USB/MIL-STD 188-141A tfc. to OEY52 (17Aug04) (LDO)
- 10275.0 : UNID.UNID UNID J3E/USB 0912 TFC ARA SIMPLEX (26-Ago) (BC)
- 10281.6 : UNID.UNID UNID ALE/USB 0716 N-D . (27-Ago) (BC)
- 10285 RNOUSLR1: Sonatrach Rhourde Nous LR1 Pipeline ALG 1858 ALE/LSB Sounding. INAS30P/In Amenas sounds at 1935. (24Aug04) (RGA)
- 10310.6 TLFUY: UNID French Navy station, F? 1937 USB/ MIL-STD 188-141A, c1ng DUFUY (09Sep04) (LDO)
- 10344.0 no-call: MFA Bern, SUI 1755 USB/MIL-STD 188- 141A/MIL-STD 188-110A serial tone, encrypted tfc. to unlocated embassy, ALE traffic with linking protection (10Sep04) (LDO)
- 10360 00000066666: Prob Turkish Net 1915 ALE/USB Sounding. (24Aug04) (RGA)
- 10373.6 CGD9: (Coast Guard District 9, Cleveland OH): 1647 USB/ALE TO NRKP (USCGC Mackinaw, WAGB-83, Cheboygan MI). 26/07 RP3
- 10374.4 CGD9: (US Coast Guard:District 9 HQ, Cleveland, OH): 2345Z TO NHHF(USCG Cutter "hollyhock" (WLB-214) Based in Port Huron, MI - GreatLakes)18/07 (MM)
- 10375.0 TAR: ROU MOI Targovista 0823 USB/ALE to PLS ? Loc (05Sept04) (ZE)
- 10390.0 0200: UNID Corpo Carabinieri station, I 1757 USB/MIL-STD 188-141A sounding (08Sep04) (LDO)
- 10394.0 U... : UNID.CIS CIS MIL CW 2133 GR(A) . (16-Ago) (BC)
- 10408.0 BAGDAD: US-MIL Baghdad, IRQ 1818 USB/MIL-STD 188-141A, sounding (30Aug04) (LDO)
- 10408.0 R00933: US Army CH-47D Chinook, IRQ 1954 USB/ MIL-STD 188-141A, wkng T1Z106 (03Sep04) (LDO)
- 10408.0 T1Z106: 1-106th AVN Balad Airfield, IRQ 1954 USB/MIL-STD 188-141A, working R00933 [=CH-47D #93-00933] (03Sep04) (LDO)
- 10413.0 Russian: Military 0125 MS5 12-channel modem idle and in traffic. (2-Jul-04) (JUM)
- 10449 102: Unid Chinese Net Prob Diplo 1934 ALE/USB Calls 104 who

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responds followed by fast modem activity. (24Aug04) (RGA)
 10452.0 RIW : Khiwa.UZB CISM BEE/36-50 50/191 1850 N-D . (25-Ago)
 (BC)
 10455.5 VIE : Darwin.NT.AUS GW-RADIO PACTOR-GW 2058 N-D/CH MARKER
 . (20-Ago) (BC)
 10464 : Russian Military 1929 MS-5/1440/USB In and out of cipher.
 (29Aug04) (RGA)
 10464 : Russian Military 2041 MS-5/1440/DPSK/USB Cipher.
 (24Aug04) (RGA)
 10475.0 : UNID.UNID UNID FSK 100/390 0603 N-D . (24-Ago) (BC)
 10481 : UNID MIL network. 1300 USB/STANAG 4539 2400Bd. auto data
 link tfc (21Aug04) (LDO)
 10481.0 no-call: UNID MIL network, 1300 USB/STANAG 4539 2400Bd, auto
 data link tfc (21Aug04) (LDO)
 10493.0 WGY9494 (FEMA-Lakewood, CO) 0355 USB wkg WGY912 radio
 check. (6 Sept. 2004)
 10502.0 KIN: Angolan embassy Kinshasa, ZAI, 2133 USB/MIL-STD
 188-141A sounding (05Aug04) (LDO)
 10504.6 no-call: UNID Algerian network, ALG 1833 SIEMENS CHX-200
 system 250Bd/170Hz, selcall + frequency hopping mode
 (07Aug04) (LDO)
 10520.0 FDG : Bordeaux.F FAF CW 0845 VVV DE . (30-Ago) (BC)
 10536.0 CFH: canf 2120 FAX surface analysis chart Aug21 04 ML
 10550.5 : UNID.UNID UNID J3E/USB 1628 TFC ARA SIMPLEX
 (14-Ago) (BC)
 10555.0 VMW wiluna met 1814 FAX wind chart Sep07 04 ML
 10556.0 ---: Russian mil 1350 MS5 system 12 tones+ 3300Hz pilot
 tone (04/09/04) (AJP)
 10588.0 AF7: (C-20 # 86-0403, 99th AS Andrews): 2105 USB/ALE
 sounding. 14/08 RP3
 10598.52 M... : UNID.UNID BF PICCOLO-6 0623 TFC KRY . (17-Ago) (BC)
 10600 CUF: Venezuelan Command of National Forces 2305 ALE/USB
 sounds. (25Aug04) (CC)
 10600.0 DESTAFAC23 (Detachment 23, Venezuelan National Guard):
 0301 USB/ALE TO CUFAN3 (unidentified sub-element of
 Unified Command of National Armed Forces). Also noted on
 09052.0. 08/09 RP3
 10600.0 C5F: (Venezuelan Gov't Civil Affairs Unit #5-Asunto
 Civile): 2111 USB/ALE TO CUF (CUFAN, Unified Command of Armed
 Forces). 15/08 RP3
 10600.0 CGGN: (HQs Venezuelan National Guard): 0204 USB/ALE TO
 DESTAFAC23=(Detachment 23. Combined Military Forces). Also on
 08060.0. 06/25 RP3
 10600.0 CGGN: (HQs, Venezuelan National Guard): 0512 USB/ALE TO
 MIRA1(probable Navy Special Operations Unit "Generalissimo
 Miranda"). 20/07 RP3
 10600.0 CID: (unidentified. Rockwell-Collins): 0329 USB/ALE
 sounding. 06/27 RP3
 10600.0 CID: (unidentified. Rockwell-Collins): 2244 USB/ALE
 sounding. 06/28 RP3
 10600.0 CLM23M: (Maintenance Logistics Center, 23rd Inf Bde,
 Venezuelan Army):0019 USB/ALE TO CRC2M (Regional Command
 Center, Military Region 2). Also noted on 07849.0.
 20/07 RP3
 10600.0 CORE7: (Commander Military Region 7, Venezuelan Army): 2305
 USB/ALE TO CUF (Unified Command of Armed Forces).
 22/07 RP3
 10600.0 CORE7: (Commander, Military Region 7, Venezuelan Army):
 0705 USB/ALE TO CUFAN3 (Unified Command of Armed Forces). Also
 noted on 07849.0. 16/07 RP3
 10600.0 CORE7: (Commander, Military Region 7, Venezuelan Army):
 2340 USB/ALE TO MIRA3 (possibly Navy Special Operations Unit
 "Generalissimo Miranda"). Also on 08060.0 & 09052.0. 19/07 RP3
 10600.0 DES: (Detachment 23, Combined Military Forces, Venezuelan
 National Guard): 2331 TO CGGN (HQs, Venezuelan National Guard).
 19/07 RP3
 10600.0 DESTAFAC23: (Detachment 23, Combined Military Forces,
 Venezuelan National Guard): 0331 USB/ALE TO CGGN (HQs,

Venezuelan
 National Guard). 18/07 RP3
 10600.0 LAB: (Rockwell-Collins Integration Lab. France): 0611
 USB/ALE sounding. 06/27 RP3
 10600.0 VAR: (Venezuelan Coast Guard-VARGAS- Comando de Vigilancia
 Costera, La Guaira, Estado Vargas): 0338 TO CGA (HQs,
 Venezuelan Navy). 18/07 RP3
 10606.7 F... : UNID.UNID FF ARQ-E3 192/371 0848 TFC FRA 0854
 S-OFF QSY 13593.7 (30-Ago) (BC)
 10607.0 FDG : Bordeaux.F FAF CW 1750 VVV DE . (31-Ago) (BC)
 10610.9 ---: Moscou meteo 1402 Fax 120 Hard to copy by low level
 (04/09/04) (AJP)
 10611.2 Unid: Moscow Met 1650 fax 120/576 clear wx chart
 (30/Aug/04) (RH2)
 10623.5 : UNID.UNID UNID FSK 362/540 0808 N-D . (24-Ago) (BC)
 10626.0 FA.. : Naqoura.LBN FF ARQ-E 185/338 2125 IDLE . (08-Ago) (BC)
 10626.0 rffxl: : FF Naqoura 2041 arq-e/184.6/394 vzcxcx~ pp rf
 f~b rffaac de rffxl #00~1 2410510 znr uuuuu p 2805~0z
 aou
 04~ fm comelefrance liban 28Aug04 (wp3)
 10658 2060: Turkish Red Crescent 1822 ALE/USB Sounding. Also
 1050 sounding. (24Aug04) (RGA)
 10670.5 CGOOPS: (probably National Guard, Cargo Ops?): 0124
 USB/ALE sounding. Also sounding on 11439.5. 01/08 RP3
 10692.1 CODRU763: Ukrainian MoD, UKR 1703 USB/MIL-STD
 188-141A/HARRIS AVS scrambled phone patch tfc to FMP
 (08Sep04) (LDO)
 10692.1 FMP: Ukrainian Contingent Al-Kut, IRQ 1703 USB/ MIL-STD
 188-141A/HARRIS AVS scrambled phone patch tfc via CODRU763
 (08Sep04) (LDO)
 10707.0 : UNID.UNID UNID ARQ-RS 228/170 0633 N-D . (18-Ago)
 (BC)
 10711.0 BR1: (Brazilian Army HQs, Brasilia): 2342 USB/ALE TO RJ1
 (Brazilian Army, Rio de Janeiro). Also noted on 13942.0. 12/08
 RP3
 10712.0 U... : UNID.CIS CIS MIL BEE/36-50 50/248 2051 N-D .(20-Ago)
 (BC)
 10725.0 unid 1915 USB span d/x phone dial? Sep07 04 ML
 10732.7 unid: rus 1638 81-81/81/986 27Aug04 (wp3)
 10733.0 : UNID.UNID UNID FSK 150/244 1055 N-D . (30-Ago) (BC)
 10750.0 Unid: PRC 0130 USB 2xOM chat. (2-Jul-04) (JUM)
 10816.0 U... : UNID.CIS CIS MIL CIS 81-81 81/248 0810 N-D .(31-Ago)
 (BC)
 10816.5 HQ703N: (probably NG Readiness Center, Arlington VA):
 1803 USB/ALE TO P020RN (probably 22nd WMD CST, Puerto Rico).
 27/07 RP3
 10822.0 4XML: PRC Marker 0132 CW w/BFR7 BFR7 BFR7 de 4XML 4XML
 marker (2-Jul-04) (JUM)
 10825 AMMAN: French Embassy Amman JOR 1446 ALE/USB Calls Abu
 Dhabi embassy. (22Aug04) (RGA)
 10825.0 AMMAN: French Embassy Amman, Jordania 22:42 USB/ALE
 Sounding TIS AMMAN to ABUDHABI 14/08/04 (SP1)
 10825.0 AMMAN: French Embassy Amman, Jordania 23:37 USB/ALE
 Sounding TIS AMMAN to RIYAD 14/08/04 (SP1)
 10825.0 AMMAN: French Embassy Amman, JOR 1629 USB ALE/MIL-188-141A
 c1g ABUDHABI French Emb.Abudhabi, UAE (15/AUG/04) (KK)
 10825.0 AMMAN: French embassy Amman, JOR 2019 USB/MIL-STD
 188-141A/Rohde & Schwarz 2400Bd proprietary PSK waveform, tfc to
 RIYAD (13Aug04) (LDO)
 10825.0 CER41: MFA Paris 1131 USB/ALE to LECAIRE F Emb Cairo
 10/Aug/04 (ZE)
 10825.0 CONAKRY: French emb. Conakry, GUI 2021 USB/MIL-STD 188-141A
 c1ng RABAT (28Jul04) (LDO)
 10825.0 LECAIRE: F Emb Cairo 0732 USB/ALE to CER41 MFA Paris
 10/Aug/04 (ZE)
 10825.0 RABAT: F Emb Rabat 1606 USB/ALE to CER11 MFA Paris
 10/Aug/04 (ZE)
 10825.0 RIYAD: French embassy Riyadh, ARS 2019 USB/MIL-STD

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188-141A/Rohde & Schwarz 2400Bd proprietary PSK waveform, tfc to AMMAN (13Aug04) (LDO)

10825.0 AMMAN: [TO][ABUDHABI][TIS][AMMAN] 1431ALE 16-aug-04 (SE)

10825.0 AMMAN: French Embassy Amman JOR 1241 ALE/USB Calls ABUDHABI emb. (21-aug-2004)(MSM)

10835.9 : UNID.UNID UNID MFSK4 195.3/350 2218 N-D . (22-Ago) (BC)

10842.0 AAA: UNID Israeli AF ground station, ISR 1102 USB/MIL-STD 188-141A, wkng B55 (29Aug04) (LDO)

10842.0 B55: UNID Israeli AF aircraft, 1102 USB/MIL- STD 188-141A, working AAA (29Aug04) (LDO)

10871.7 D : Odessa.UKR CISN BEACON CW 2048 QRA . (20-Ago) (BC)

10871.8 P : Kaliningrad.RUS CISN BEACON CW 0615 QRA . (11-Ago) (BC)

10871.8 P: chnl mkr "P" Rus-N 1400 A1A 16-aug-04 (SE)

10872 C: MX Beacon 2014 CW 10871.7-D/Odessa; 10871.9-S/Arkhangelsk; 10872-C/Moscow. (24Aug04) (RGA)

10872 D: MX Beacon Odessa 0005 CW // 8495 5154 7039 13528. (23Aug04) (WC)

10872 D: MX Beacon Odessa 0010 CW // 5154 7039 8495 13528 16332. (21Aug04) (WC)

10872.0 C : Moskva.RUS CISN BEACON CW 0630 QRA . (17-Ago) (BC)

10872.2 F: Vladivostok Marker 0132 CW. (2-Jul-04) (JUM)

10872.4 M: Magadan Marker 0132 CW. (2-Jul-04) (JUM)

10900.0 U... : UNID.CIS CIS MIL CIS 81-81 81/248 1854 N-D . (25-Ago) (BC)

10914.5 NDV: (unidentified. Brazilian Navy): 0141 USB/ALE TO ERMBEL (Brazilian=Navy Radio Station. Belem). 06/25 RP3

10928.0 U... : UNID.CIS CIS MIL CIS 81-81 81/244 0614 N-D . (11-Ago) (BC)

10939.0 unid ; Russian PTT RUS 12:00 ISB/CIS psk 1280 bps/1K4 not decodeble 29aug (PPA)

10945 5JC: Moroccan Gendarmerie 1439 ALE/USB Calls 0FY. (22Aug04) (RGA)

10963.0 ---: Unid 0026 FSK 75/250 (04/08/04)

10987.0 ---: Unid 1535 CW (21/08/04) (AJP)

10995.6 FDI 22 (French AF, Narbonne): 0040 CW w/traffic. 15/09 RP3

11000 RIW: Naval HQ Moscow 2002 CW Calling warship RHN85 duplex without apparent success. Later QYT4 QSA3 QMO K (Go into cipher on the MS-5). One of them is on 12398/USB a naval frequency. (24Aug04) (RGA)

11000 RIW: Naval HQ Moscow 2043 CW QYT4 QSX 12374/12374 K. Looking for MS-5 on 12374. Nothing audible by 2053 and 12398 still active so 12398 is Moscow. (24Aug04) (RGA)

11000 RIW: Naval HQ Moscow 2043 CW To RHN85: QYT4 QSX 12374/12374 K. At 2110 asks RHN85 to: QYT4 QSA3 QRO (increase power). 12374 becomes audible in MS-5 fading in and out at 2116. (24Aug04) (RGA)

11010.0 CVJACE: UNID B Navy 2338 USB/ALE to ERMRIO (01/Sept/04) (ZE)

11010.0 ERMRIO (Brazilian Navy Radio Station, Rio de Janeiro): 0050 USB/ALE TO NTMRJO (Brazilian Navy Oiler "Marajo", G-27). 12/09 RP3

11010.0 ERMRIO (Brazilian navy Radio, Rio de Janeiro): 0055 USB/ALE TO NTMRJO (Brazilian Navy Oiler "Marajo", G-27). Also noted on 19709.0 10/09 RP3

11010.0 ERMRIO: Brazilian Ny Rio de Janeiro 2033 USB/ALE to FLIBER Frigate Liberal F-43 (01/Sept/04) (ZE)

11010.0 FTEROI: UNID B Navy 0052 USB/ALE to ERMRIO (02/Sept/04) (ZE)

11010.0 NEBRSL: (Brazilian Navy Training Frigate "Brasil" F-27): 0226 USB/ALE TO ERMGRD (Brazilian Navy Radio Station, Rio Grande). Also noted on 19709.0. 19/07 RP3

11010.0 NEBRSL: (Brazilian Navy Training Frigate "Brasil" F-27): 0425 USB/ALE TO ERMGRD (Brazilian Navy Radio Station Rio Grande). 20/07 RP3

11010.0 NEBRSL: (Brazilian Navy Training Frigate, U-27 "BRASIL"): 2331 USB/ALE TO ERMGRD (Brazilian Navy Radio Station, Rio Grande). Also on 12370.0. 22/07 RP3

11010.0 NEBRSL: B Ny U-27 Navio-Escola 0505 USB/ALE to ERMNAT B Ny Natal (02/Sept/04) (ZE)

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11010.0 NEBRSL: unid 1831 MIL-STD 188/141A TO: ERM TO: ERM TO: ERM
TO:ERMNAT TO: ERM TO: ERM TO: ERMNAT THIS IS: NEB THIS IS:
NEB THIS IS:NEBRSL 20Aug04 (wp3)

11022.7 Unid: CIS Rail 1733 81-81/50/500 (20/Aug/04) (RH2)

11023.7 SSE.. : Habana.UNID AMB. EGIZIANA SITOR 100/170 1917 WKG
Cairo (14446.7) (19-Ago) (BC)

11030 USB 0735 Fax 120/576 Charleville. Australia (VMC) Indian
Ocean Surface Analysis poor copy (03Sept04) (CC)

11039 DDH9: Hamburg Met 1804 RTTY/50/440 Baltic Wx & freq info.
(22/Aug/04) (RH2)

11039.0 DDH8 (Hamburg Meteo): 1958 RTTY 50/450 w/wx. 15/09 RP3

11084 unid: usb / (25/Aug/2004) (jim)

11086.5 GYA: RN FWOC Northwood UK 1936 FAX/120/576 Blurred chart.
(29Aug04) (RGA)

11086.5 GYA: RN Northwood, G, 0735, FAX 120/576, meteo charts,
15/8/2004 (CK)

11104.0 U... : UNID.CIS CIS MIL BAUDOT 50/499 1710 TFC KRY
ZZZZZZ: ')) 534 SERBIN WPWY WSE OK' (12-Ago) (BC)

11113.0 : UNID.UNID UNID FSK 50/499 1833 N-D .(26-Ago) (BC)

11116.0 U... : UNID.CIS CIS MIL BEE/36-50 50/247 0954 N-D .(30-Ago)
(BC)

11120.0 :unid 1923 USB port d/x Sep07 04 ML

11168.6 KRH : UNID.UNID DOS ALE/USB 2153 SOUND . (23-Ago) (BC)

11168.6 KWY58 : UNID.UNID DOS ALE/USB 2138 SOUND . (23-Ago) (BC)

11171.0 : UNID.UNID UNID FSK 100/457 2120 N-D .(08-Ago) (BC)

11175 REACH 0204Y: wkg Mainsail, rdo chk j3e 1024 02-09-04 [sw]

11175 REACH 0606: wkg Lajes, rq pp DSN 238 2247 [AMC] j3e 0913
02-09-04 [sw]

11175 :USB 2236z USB CAP FLIGHT 84: calls McClellan to request
weather there with no joy.

11175 :USB 2238z Gulf 28: calls Offutt AFB For Radio check Offutt
AFB has him Lima Charlie (31Aug04) (CC)

11175 :USB 2241z AIRVAC 40633: C-141(self id) calls ANDREWS AFB for
phone patch to Andrews Command Post eta: 0222 Alpha 1.
13 passages 6 crew (31Aug04) (CC)

11175 USB 2330z Romeo Uniform 4000 call McClellan AFB for phone
patch to DSN xxxx to Jackson Navy OPS ETA 1:10 mikes
needs Customs and Immigration and has 2000 lbs.of cargo
to off load. (31Aug04) (CC)

11175.0 CUW : Lajes.AZR USAF j3E/USB 2203 TFC ING 'LAJES'(11-Ago) (BC)

11175.0 NSY : Sigonella.I USN j3E/USB 2210 WKG REACH 313Y
'SIGONELLA' (11-Ago) (BC)

11175.0 ROCK 69 1435 USB att to raise Andrews, then clg mainsail.
Had Andrews loud & clear but they could not copy him. Self
ID'ed as C-130. saw another log posted on WUN where they
att pp to 991 DSN so assume 913th ALW Willow Grove ARS
C130 -my list was lost in the great hard drive crash of
2002. (29 AUG 2004)

11175.0 Airevac 70031: 0208z Airevac 70031 [C-141 self ID] call
Lajes PP Ramstein AB, Germany - ETA 0410Z 07/30/04 (RR)

11175.0 Duple 76: 0156Z Duple 76 [RC-135] call Andrews PP
Offutt AFB, NE- got ww for Offutt at 0245Z 5aug04 (RR)

11175.0 Evac 987: 0146Z Evac 987 [KC-135 self ID] call
Salinas PR PP Miramar NAS, CA - ETA 0315Z 6Aug04 (RR)

11175.0 McCLELLAN HF-GCS: 0435z USB wkg AIREVAC 00356 (KC-135T
#60-0356, McConnell AFB 22ARW) for phone patch to DSN
448-6904 Hickam CP; 2hrs-15min out; hydraulic fluid loss;
told to ctct Hickam 349.4 when in range. (9/Aug/2004) (ALS)

11175.0 McClellan: 2114 USB w/EAM preamble only (J4G3NE) for Purple
Ivy. 14/09 RP3

11175.0 Navy LL81: 2336Z Navy LL81 [P-3C] call Salinas PR PP
Jacksonville NAS, FL - ETA 0428Z 5aug04 (RR)

11175.0 PNR400 (Panther 400, DEA Ops, Georgetown Bahamas): 2111
USB/ALE sounding. 14/09 RP3

11175.0 Reach 0456: 0057Z Reach 0456 [type ?] call Ascension PP
Dover AFB, DE - ETA 0220Z 20/07/04 (RR)

11175.0 Reach 234: 0217Z Reach 234 [type?] call McClellan PP
Dover AFB, DE - got wx for Dover at 0415Z 6Aug04 (RR)

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- 11175.0 Reach 327: 0207Z Reach 327 [C-5 self ID] call Andrews PP Hilda East - Deverting to Dover AFB, DE due to maint problems - ETA 0250Z 5aug04 (RR)
- 11175.0 Reach 4645: 0058Z Reach 4645 [C-141] call Croughton PP Ramstein AB, Germany - ETA 0430Z 6Aug04 (RR)
- 11175.0 Reach 998: 2346Z Reach 998 [type?] call Andrews AFB, MD - ETA 0115Z 12aug04 (RR)
- 11175.0 SIGONELLA HF-GCS: 0410z USB wkg CACTI 42 (KC-10A, Travis AFB 60ARW) for phone patch to DSN 650-3992 McGuire AFB Metro for wx their station at 0715z. (9/Aug/2004) (ALS)
- 11175.0 SIGONELLA HF-GCS: 0415z USB wkg REACH 9060 (C-17A, McChord AFB 62AW) for phone patch; CACTI 42 hears, SIGONELLA does not. (9/Aug/2004) (ALS)
- 11175.0 Teal 56: 2342Z Teal 56 [WC-130] call Andrews PP Keesler AFB, MS - ETA 0100Z 12aug04 (RR)
- 11181.0 GUASPR : AIE Barrigada.GUM USAF ANDERSEN AFB ALE/USB 1658 SOUND . (18-Ago) (BC)
- 11181.0 JTYSPR : AIF80 Yokota.J USAF ALE/USB 1655 SOUND . (18-Ago) (BC)
- 11186.5 Unid: 1950 RTTY 75/850 w/repeating test or encryption KQQQQOQQQQOWPCQC111111191111111917. 15/09 RP3
- 11212.5 MKL: RN Northwood 1719 RTTY/75/850 Crypto. (27/Aug/04) (RH2)
- 11226 220105: USAF C-17 01-0105? 2002 ALE/USB Sounding. (29Aug04) (RGA)
- 11226.0 050040: (unidentified): 1932 USB/ALE TO ADW (Andrews AFB). Also noted on 13215.0. 16/07 RP3
- 11226.0 170042: (C-5 # 87-0042): 2018 USB/ALE sounding. 17/07 RP3
- 11226.0 291191: 2111 USAF C-17 globamaster USB/ALE 10/08 (PP1)
- 11226.0 470123: (KC-10 # 87-9123): 0418 USB/ALE Sounding. 18/07 RP3
- 11226.0 491710: (KC-10 # 79-1710): 1554 USB/ALE sounding. Also noted sounding on 09025.0; 13215.0; and 18003.0. 19/07 RP3
- 11226.0 571428: (KC-135 # 57-1248): 1914 USB/ALE sounding. 16/07 RP3
- 11226.0 591505: (KC-135 # 59-1505): 1815 USB/ALE TO MPA (Mount Pleasant, Falkland Islands). 19/07 RP3
- 11226.0 RIC: USAF Richmond. VA 2210 USB ALE snd (29/Jun/04) (KK)
- 11232.0 CANFORCE Trenton Mil: 1855z USB wkg RAZOR 66 (E-8C JSTARS, Warner-Robins AFB) ph patch. (30/Aug/2004) (ALS)
- 11232.0 CANFORCE Trenton Mil: 1855z USB wkg RAZOR 66 (E-8C JSTARS, Warner-Robins AFB) ph patch. (30/Aug/2004) (ALS)
- 11237.0 UNID: 1748 USB wkg LMG (South African Air Force) 002. Is this a South African Air Force FREQ????? Can't find any reference to it in my guides. Any help would be appreciated. (27Jul04) (AT)
- 11240.0 Syrian LDOC: 1824 USB "Syrian Base" wkg RB flight 206 or 406 in Arabic? and English (29Jul04) (AT)
- 11244 BLACK CAT(?): 28-char EAM 0337 USB DW2CZV simulcast on at least 8992 with nothing heard on 13155 or 6697. H+07/h+37 activity. (26 Aug 04) (JH)
- 11244 MCCLELLAN: 28-char EAM 1802 USB DWTY4F. (29 Aug 04) (JH)
- 11244.0 was active at 0207z 08 Sep 04 with SCULPTURE (or sounds like; weak/readable) bcsting a 28-character EAM (Q40H5X) and simulcasting same on at least 8992.0 (weak/unreadable) with nothing heard on 6697.0 and 13155.0. Probably h+07/h+37 activity.
- 11244.0 was active at 0337z 16 Sep 04 with MISCHIEF (fair levels with some fading) bcsting a 28-character EAM (FPB7TC) and simulcasting same on at least 13155.0 (weak to unheard levels) and 8992.0 (weak/readable) with nothing heard on 6697.0. H+07/h+37 activity.(JH)
- 11247.0 Architect (RAF Flight watch): 2200 USB w/airfield status report. 04/09 RP3
- 11253.0 RAF VOLMET: 1853z USB weather forecast by YL. (30/Aug/2004) (ALS)
- 11253.0 RAF VOLMET: RAF Brampton, G, 1540, USB, 16/8/2004 (CK)
- 11256.0 Ethiopian LDOC/Addis Ababa: 1742UTC USB wkg ET770 FCO-LHR 04/JUL/04=20 (AT)
- 11256.0 ldoc ethiopian airlines ?1958 USB ee with buzzing selcal work 636 approaching 1315 "mechanical support needed..."

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11279 D-ABOG 1506 USB MWARA NAT-D, Condor Flugdienst D-ABOG, selcal BHJP, working barely heard Bodo with selcal check and routing confirmation 9/Sep/2004 (TR)

11279 EI-DBD 1519 USB MWARA NAT-D, AZI EI-DBD, selcal HPKS, working Iceland for selcal check 9/Sep/2004 (TR)

11279 N461UA 1546 USB MWARA NAT-D, United N461UA, selcal DLGM, working Iceland with posn, fuel status and selcal check, requesting new flightlevel, Iceland advises std/by and to maintain selca watch 9/Sep/2004 (TR)

11280.0 O/M (IT): 0027 USB w/O/M (IT). 18/08 RP3

11282.0 AAA: UNID Israeli AF ground station, ISR 1001 USB/MIL-STD 188-141A, sounding (05Sep04) (LDO)

11282.0 B55: UNID Israeli AF aircraft, 1126 USB/MIL-STD 188-141A, sounding (29Aug04) (LDO)

11285 4X-ELC 1519 USB MWARA SEA-1, EL AL 4X-ELC, selcal HMCK, working Chennai with posn and selcal check, requesting wx for VOMM (Chennai Intl) 18/sep/2004 (TR)

11285 B-MAH 1612 USB MWARA SEA-1, Air Macau B-MAH, selcal JPFC, working Singapore with posn, wx, fuel status and selcal check, requesting routing confirmation 18/sep/2004 (TR)

11285 D-ALCL 1630 USB MWARA SEA-1, Lufthansa D-ALCL, selcal MSKP, working Chennai with posn and selcal check, requestling new flightlevel, Chennai advises to maintain F390 and selcal watch 18/Sep/2004 (TR)

11285 EC-EXG 1513 USB MWARA SEA-1, Iberia EC-EXG, selcal BQHP, working Male (very faint) with posn, fuel status and selcal check 18/sep/2004 (TR)

11285 N325FX 1633 USB MWARA SEA-1, Flexjet N325FX, selcal LRJM, working Chennai with posn and selcal check 18/Sep/2004 (TR)

11285.0 AWB : Mumbai.IND AIR J3E/USB 1655 TFC ING .(13-Ago) (BC)

11288.0 7ZA222 : Jeddah.ARS SAUDIA J3E/USB 1730 TFC ING/ARA . (06-Ago) (BC)

11291.0 6VU : Dakar/Leopold Sedar Senghor.SEN AIR J3E/USB 2120 TFC ING . (05-Ago) (BC)

11291.0 Dakar: (MWARA SAT-1/AFI-1): 0008 USB w/Iberia 682? w/position report. 13/08 RP3

11297 Rostov VOLMET 1058 USB flight wx in Russian from female OP, apparently read live, no tape, a phone rang in the background until somone took it and had a good laugh... 4/Sep/2004 (TR)

11297 St. Petersburg VOLMET 1105 USB flight wx in Russian by female OP for East- and west-European airports, no tape, lots of paper shuffling audible 4/Sep/2004 (TR)

11300.0 6OM : Mogadiscio.SOM AIR J3E/USB 1535 WKG Khartoum . (05-Ago) (BC)

11300.0 E3E4 : Asmara.ERI AIR J3E/USB 1544 TFC ING .(05-Ago) (BC)

11300.0 ETD : Addis Abeba.ETH AIR J3E/USB 1540 WKG Khartoum . (05-Ago) (BC)

11300.0 HZJ : Jeddah.ARS AIR J3E/USB 1701 WKG Cairo .(11-Ago) (BC)

11300.0 KLM 566: 2155 USB calling Khartoum (MWARA AFI-3). 15/09 RP3

11300.0 Sanaa: 1843UTC USB wkg ET617 BKK-ADD w/AIREP 05/JUL/04 (AT)

11300.0 Tripoli (MWARA AFI-3): 0125 USB w/aircraft 572 (EE/AR) w/position report. Tripoli hands him off to Cairo in Arabic. 05/09 RP3

11300.0 Tripoli: (MWARA AFI-3): -135 USB w/various aircraft. 12/08 RP3

11309.0 Santa Maria: 1605 Sta Ma ATC Azores w/Monarch 3134 A321 from Manchester to Reina Sofia Airport Tenerife South USB 31/08 (PP1)

11309.0 Santa Maria: 1608 Sta Ma ATC Azores w/Surinam 997 USB 31/08 (PP1)

11309.0 STA MARIA nat atc: 1321 USB work EPDH / ec-icf ibe a340 Aug29 04 ML

11315 N383FE: Federal Express DC10 2218 HFDL Logs on to ARINC Riverhead NY USA. (22Aug04) (RGA)

11315 N58101: Continental B757 2237 HFDL Logs on. (22Aug04) (RGA)

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11315 N67058: Continental B767 2231 HF DL Logs on. (22Aug04) (RGA)
 11318 Samara VOLMET 1115 USB flight wx in Russian by female
 OP, no tape or computer voice, barely audible on //8888 due
 to French QRM 4/Sep/2004 (TR)
 11318 Syktyvkar VOLMET 1101 USB flight wx in Russian from
 female OP, this one sounded much more like a tape or
 computer voice 4/Sep/2004 (TR)
 11330.0 9YC : Piarco.TRD AIR J3E/USB 2037 TFC ING . (20-Ago) (BC)
 11330.0 MWARA New York Rdo: 0604z USB wkg DELTA 336; Passed SigMet
 5. (30/Aug/2004) (ALS)
 11342.0 ARINC-San Francisco: 0042 USB w/wx broadcast. 17/08 RP3
 11384.0 AY2417:OH-LBX B752/B757-2Q8 1641 USB/HF DL rep.pos.unkwn to
 Shannon(06-07-2004)(MSM)
 11384.0 LVG:I-LIVB QR-BG A321-231 1635 USB/HF DL rep.pos.unkwn to
 Shannon (06-07-2004)(MSM)
 11384.0 shannon: 0724 HF DL flights listed Jul18 04 ML
 11384.0 SU0299: AFL SU VP-BWE A320-214 1641 USB/HF DL rep pos
 toShannon:LAT 53 29 5N LON 25 1 22E (06-07-2004)(MSM)
 11402.0 046NHQCAP: CAP Maxwell AFB. AL 2359 USB/ALE This is
 046NHQCAP 26/Aug/04 (ZE)
 11402.0 MCCCAP (Civil Air Patrol, McClellan AFB): 0027 USB/ALE
 sounding. Also sounding on 08012.0; 12081.0; 14357.0 and
 19814.0. 05/08 RP3
 11402.0 MCCCAP: (Civil Air Patrol, McClellan AFB): 0027 USB/ALE
 sounding. Also sounding on 08012.0; 12081.0; 14357.0 and
 19814.0. 05/08 RP3
 11416.7 SSE.. : UNID.UNID DIPLO EGIZIANA SITOR 100/400 2357
 TFC ARA . (19-Ago) (BC)
 11418 RMP: Russian Navy Kaliningrad. RUS 1020 CW tfc to RHN85.
 requesting QSX on 8302 & 8454 kHz (21Aug04) (LDO)
 11418.0 RMP: Navy Kaliningrad RUS 12:33 A1A RHN9 de RMP QYT4 QSX
 8338 29aug (PPA)
 11418.0 RMP: Russian Navy Kaliningrad, RUS 1020 CW tfc to RHN85,
 requesting QSX on 8302 & 8454 kHz (21Aug04) (LDO)
 11429.0 APM: Chilean Ny 0130 ALE/LSB Sounding (24/07/04) (AJP)
 11429.0 RHL80 (unidentified, Russian ??): 2320 CW DE RHL80 ZRO?.
 05/08 RP3
 11434.6 no-call: Algerian Customs Adrar, ALG 1439 Coq-8 26.67 Bd,
 tfc. in FF to Customs Brigade at Borji B. Mokhtar (11Sep04)
 (LDO)
 11434.6 no-call: Algerian Customs Borji B. Mokhtar, ALG 1431
 Coquelet-8 26.67 Bd, tfc. in FF to Adrar (11Sep04) (LDO)
 11439.5 T2Z238: (2/238th Avn, INNG, Shelbyville IN): 1255 USB/ALE
 sounding. 03/08 RP3
 11455.2 : NATO Modem 1940 STANAG-4285/2400/600/L Usual continuous
 enciphered data stream. Perfect synch. (29Aug04) (RGA)
 11466.0 ALG SONATRACH: Oil & Gas Operations [TO] OHT 1747ALE
 18-aug-04 (SE)
 11486.0 U... : UNID.CIS CIS MIL RUS-SYS 75/240 0633 N-D .
 (17-Ago) (BC)
 11490.0 0000210401: Greek Army ? Loc 0752 USB/ALE snd tws
 (04/Sept/04) (ZE)
 11490.0 0000210488: Greek Army ? Loc 0809 USB/ALE snd tws
 (04/Sept/04) (ZE)
 11490.0 0000210588: Greek Army ? Loc 0804 USB/ALE snd tws
 (04/Sept/04) (ZE)
 11490.0 0000210688: Greek Army ? Loc 1916 USB/ALE snd tws
 (03/Sept/04) (ZE)
 11490.0 0000210188: Unid [TWS] [0000210188]1605 ALE 21-aug-04 (SE)
 11490.0 0000210788: Unid [TWS][0000210788]1617 ALE 21-aug-04 (SE)
 11494.0 T9A: [TWS] [T9A] Unid 2113 ALE 16-aug-04 (SE)
 11494.0 CS9: COTHEN Remote Beaufort, SC 2100 USB/ALE snd tws
 (08Sept04) (ZE)
 11494.0 D49: UNID ? Loc USA 2111 USB/ALE snd tws (08Sept04) (ZE)
 11494.0 PAC: USCG CAMSPAC Point Reyes, CA 2111 USB/ALE to 705 ?
 UNID(07Sept04) (ZE)
 11494.0 Panther (DEA/OPBAT, Bahamas): 0103 USB w/61A
 (Army helo deployed to OPBAT--not heard) who reports

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position as 228nms on bearing o 122 degrees from
checkpoint Yankee 6. 05/08 RP3

11494.0 Panther: (DEA/OPBAT, Bahamas): 0103 USB w/61A
(Army helo deployed to OPBAT--not heard) who reports
position as 228nms on bearing o 122 degrees from
checkpoint Yankee 6. 05/08 RP3

11498.0 NEBRSL: Braz. Ny training ship "Brasil" (U27),0948
USB/MIL-STD 188-141A, calling ERMNAT[=Natal]
(01Aug04) (LDO)

11500.0 1020: Turkish Red Crescent. Ankara 1537 USB/ALE
to 2010 and 1070 18/Aug/04 (ZE)

11530.0 BR1: BNY Brasilia. Brazil 2205 USB ALE/MIL-188-141A
clg RJ1 Rio de Janeiro (29/Jun/04) (KK)

11545.0 E3: 2145 USB y1 and the famous lincolshire poacher music...
Aug21 04ML

11568.0 U... : UNID.CIS CIS MIL RUS-SYS 75/244 0634 N-D .(17-Ago) (BC)

11571.5 7RQ20 : Alger.ALG MFA FSK 0818 N-D . (31-Ago) (BC)

11598.0 : UNID.UNID UNID FSK 50/184 0822 IDLE ??? .(31-Ago) (BC)

11638.0 DDK8 : Pinnemberg.D METEO BAUDOT 50/450 0900 WX COD.
(09-Ago) (BC)

11647.9 : UNID.UNID UNID MFSK4 195.3/280 1650 n-d .(07-Ago) (BC)

11696.0 RVHNY: National Guard at Riverhead, NY: 1358 USB ALE (19/AUG/04)

12070.0 LRN1 (US Army Corps of Engineers, Great Lakes Region, Nashville
TN): 1958 USB/ALE sounding. 06/09 RP3

12081.0 022NHQCAP: (Civil Air Patrol, Nat'l Ops Center, Maxwell AFB AL):
0110 USB/ALE sounding. 18/08 RP3

12087.0 C0800N: National Guard at Englewood, CO: 1731 USB ALE. Also
sent
AMD message "HQ703N, NGB15191114LAUG04 COMMO CHECK"
(19/AUG/04) (JLM)

12087.0 1F: (probable US Army): 1809 USB/ALE TO 1B (probable US Army).
12/08 RP3

12087.0 M040SN (Nat'l Guard, Mississippi): 1328 USB/ALE TO N040CN
(Nat'l Guard, North Carolina). 12/09 RP3

12087.0 MN55CSTNGB: 55th WMD-CST, St. Paul, MN & OKC63NG, 63rd WMD-
CST, Oklahoma City, OK: 1502 USB ALE& AMD test
(04/AUG/04) (JLM)

12132.0 A21: 2053 Brazilian Navy USB/ALE 10/08 (PP1)

12132.0 BR1: 2140 Brazilian Navy Brasilia calling CE1 BA1 CG9 C27
PE1 DR1 BC2 USB/ALE 10/08 (PP1)

12132.0 BR1: B Ny Bahia 0110 USB/ALE to PE1 BNY San Pedro de Aldeia
19/Aug/04 (ZE)

12132.0 BR1:B Ny Bahia 2036 USB/ALE to BA1 UNID BNY 18/Aug/043 (ZE)

12136.7 FKK4 : N'Djamena.TCD FAF ARQ-E3 200/379 1700 IDLE .
(07-Ago) (BC)

12156.8 : UNID.UNID UNID FSK 50/797 1051 N-D . (19-Ago) (BC)

12158.3 CNTD: Cent. Nat. d. transm. d. Douanes Algiers. ALG 1035
PACTOR-I 100Bd/200Bd. msgs in French to Illizi. bad link with
mostly RQs (21Aug04) (LDO)

12158.3 CNTD: Cent. Nat. d. transm. d. Douanes Algiers, ALG 1035
PACTOR-I 100Bd/200Bd, msgs in French to Illizi, bad link with
mostly RQs (21Aug04) (LDO)

12168.0 KFMHNG: (Nat'l Guard unit, Otis ANGB, Mass): 1904 USB/ALE
sounding. 19/08 RP3

12170.0 ADDISABEBA:F Emb Addisabbeba 1451 USB/ALE to BUJUMBURA F
Emb 13/Aug/04 (ZE)

12170.0 AMMAN: F Emb Amman 1838 USB/ALE to ABUDHABI F Emb 12/Aug/04 (ZE)

12170.0 KHARTOUM: F Emb Khartoum 1805 USB/ALE to BUJUMBURA F Emb
12/Aug/04 (ZE)

12191.0 CLC51: (Communications Logistics Center. 51st Jungle Inf
Bde. Venezuelan Army): 2325 USB/ALE TO SCLC501
(Communications Logistics Center. 501st HQs Bn). 06/28 RP3

12191.0 SCLC512: (Communications Logistics Center, 512th Jungle Inf
Bn,Venezuelan Army): 2344 USB/ALE TO CLC51 (Communications
Logistics Center, 51st Jungle Inf Bde). 19/07 RP3

12191.0 SCLC514: servicio Centro Logistico de Comunicaciones 2125
USB/ALE to CLC51 Centro Logistico Comunicaciones
20/Aug/04 (ZE)

12204.0 R... : UNID.RUS INTEL BAUDOT 202/473 1651 TFC KRY ? .
(19-Ago) (BC)

12216 : UNID station. 1054 USB/MIL-STD 188-110A serial tone
modem. sporadic encrypted traffic at 1200bps/long interleaving
(22Aug04) (LDO)

12158.3 CNTD: Cent. Nat. d. transm. d. Douanes Algiers, ALG 1035
PACTOR-I 100Bd/200Bd, msgs in French to Illizi, bad link with
mostly RQs (21Aug04) (LDO)

12168.0 KFMHNG: (Nat'l Guard unit, Otis ANGB, Mass): 1904 USB/ALE
sounding. 19/08 RP3

12216.0 no-call: UNID station, 1054 USB/MIL-STD 188-110A serial tone
modem, sporadic encrypted traffic at 1200bps/long interleaving
(22Aug04) (LDO)

12223.0 no-call: UNID Ukrainian MIL, UKR? 0559 BAUDOT 50Bd/500Hz,
encrypted tfc. after zzzzzzzzz (08Sep04) (LDO)

12225.0 DMAZIN: UNJLC OPS Ad Damazin, SDN 1749 USB/MIL-STD
188-141A/CLOVER-2000, FAX tfc. to NYALA2 (17Aug04) (LDO)

12225.0 FAW1: UNJLC OPS El Faw, SDN 0504 USB/MIL-STD 188-141A calling
OBIED (18Aug04) (LDO)

12225.0 JUBA: UNJLC OPS Juba, SDN 1749 USB/MIL-STD 188-141A/CLOVER-2000,
FAX tfc. to NYALA2 (18Aug04) (LDO)

12225.0 NYALA2: UNJLC OPS Nyala, SDN 1749 USB/MIL-STD
188-141A/CLOVER-2000,
FAX tfc. to DMAZIN (17Aug04) (LDO)

12225.0 NYALA4: UNJLC OPS Nyala, SDN 0500 USB/MIL-STD 188-141A calling
ATBARA (18Aug04) (LDO)

12225.0 OBIED: UNJLC OPS El Obeid, SDN 1641 USB/MIL-STD
188-141A/CLOVER-2000, FAX tfc. to NYALA1(17Aug04) (LDO)

12225.0 SHENDI: UNJLC OPS Shendi, SDN 1158 USB/MIL-STD 188-141A, calling
NYALA4 (18Aug04) (LDO)

12225 BABANUSA: SDN 2001 ALE/USB Clg Nyala/2. (20/Aug/04) (RH2)

12225 DMA: El Dmazin. SDN. UN Net 1932 ALE/USB Clg KAD/Kadogli.
(20/Aug/04) (RH2)

12225 GAD: Gaderof. SDN 2034 ALE/USB Sng. (20/Aug/04) (RH2)

12225 GIR: GIRBA UN SDN 1543 ALE/USB Clg KOS. (28/Aug/04) (RH2)

12225 GIR: Girba. SDN 2007 ALE/USB Clg KAD/Kadogli. (20/Aug/04) (RH2)

12225 GIR: Girba. SDN 2047 ALE/USB Clg NYA/Nyala. (20/Aug/04) (RH2)

12225 MAD: Madani. SDN 2105 ALE/USB Clg NYA/Nyala. (20/Aug/04) (RH2)

12225 OBI: Obied. SDN 1932 ALE/USB Sng. (20/Aug/04) (RH2)

12225 OUB: Loc? UN SDN 1543 ALE/USB Clg JUB. (28/Aug/04) (RH2)

12225.0 BABANUSA : Babanusha.SDN UNID ALE/USB 2340 SOUND . (20-Ago)
(BC)

12225.0 DMAZIN : Dmazin.SDN UNID ALE/USB 0014 SOUND . (21-Ago) (BC)

12225.0 GIRBA : Girba.SDN UNID ALE/USB 0031 SOUND . (21-Ago) (BC)

12225.0 MADANI : Madani.SDN UNID ALE/USB 1837 SOUND . (22-Ago) (BC)

12225.0 NYALA2 : Nyala.SDN UNID ALE/USB 1836 CLG WAU1 . (22-Ago) (BC)

12225.0 OBIED : obied.SDN UNID ALE/USB 0031 SOUND . (21-Ago) (BC)

12225.0 BABANUSA: UNJLC OPS Babanusa 2137 USB/ALE snd tws BABANUSA
16/Aug/04 (ZE)

12225.0 DAMAZIN: UNJLC OPS Ad Damazin 2059 USB/ALE to KADOGLI
20/Aug/04 (ZE)

12225.0 DMAZIN: SUDAN NET EL DAMAZIN 1630 MIL.STD 188.141A ALE on
usb. Clng PORTSUDAN (24/Aug)(DW)

12225.0 DMAZIN: SUDAN NET EL DMAZIN 0129 MIL.STD 188-141A ALE on
usb. Sounding. Also at 0329 (19/Aug)(DW)

12225.0 FAS: SUDAN NET FASHER 1935 MIL.STD 188-141A ALE on usb.
Clng NYALA (25/Aug)(DW)

12225.0 GADARAF: UNJLC OPS Gedaref 2026 USB/ALE snd tws GADARAF
16/Aug/04 (ZE)

12225.0 GADARAF:SUDAN NET GEDARAF 0455 MIL.STD 188.141A ALE on usb.
Clng JUBA (24/Aug)(DW)

12225.0 GADARAF:SUDAN NET GEDAREF 0112 MIL.STD 188-141A ALE on usb.
Sounding. 0459 clng NYALA3 (19/Aug)(DW)

12225.0 GIRBA: Sudan Net 2016 ALE/USB Clg Atbara (03/09/04) (AJP)

12225.0 GIRBA: SUDAN NET GIRBA 0108 MIL.STD 188.141A ALE on usb.
Sounding. Also 0409 2313 (24/Aug)(DW)

12225.0 GIRBA: SUDAN NET GIRBA 0142 MIL.STD 188-141A ALE on usb.
Sounding. Also 0343 0444 (19/Aug)(DW)

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12225.0 GIRBA: SUDAN NET GIRBA 1637 MIL.STD 188-141A ALE on usb. Sounding. Also 1837 (25/Aug)(DW)

12225.0 GIRBA: UNJLC OPS Khasim el Girba 2035 USB/ALE snd tws GIRBA 16/Aug/04 (ZE)

12225.0 MADANI: SUDAN NET EL MEDANI 0055 MIL.STD 188-141A ALE on usb. Sounding. 0431 c1ng ATABARA. 0453 c1ng NYA(LA) (19/Aug)(DW)

12225.0 MADANI: UNJLC OPS Medani 2034 USB/ALE to PORT SUDAN 16/Aug/04 (ZE)

12225.0 NYA: SUDAN NET NYALA 0509 MIL.STD 188-141A ALE on usb. C1ng FAW1 (19/Aug)(DW)

12225.0 NYALA: UNJLC OPS Nyala 1911 USB/ALE to DALANG 16/Aug/04 (ZE)

12225.0 OBIED: SUDAN NET OBIED 0042 MIL.STD 188-141A ALE on usb. Sounding. Also 0346 (19/Aug)(DW)

12225.0 OBIED: UNJLC OPS El Obied 1612 USB/ALE snd tws OBIED 20/Aug/04 (ZE)

12225.0 SHENDI: SUDAN NET SHENDI 1655 MIL.STD 188-141A ALE on usb. C1ng POR(tsudan). [AMD]...TSUDANTSUDAN. 1704 c1ng ATBARA (25/Aug)(DW)

12227.0 U... : UNID.CIS CIS MIL BAUDOT 50/488 0631 TFC KRY ZZZZZZ: (24-Ago) (BC)

12255 NYA: Nyala. SDN UN Net 1920 ALE/USB c1g ATB/Atabara & FAW. Understand Nyala Airport is being used by two Antonov aircraft flying supplies from Jo'burg. (20/Aug/04) (RH2)

12297 474: Unid 1657 ALE/USB Sounding. (24Aug04) (RGA)

12316.0 ROPHILB01: Iraqi Gvt. Al-Hillah/Babi Province, IRQ 0054 USB/MIL-STD 188-141A sounding (09Sep04) (LDO)

12354.5 no-call: German MIL net, D 1559 USB/EADS-MAHRS 2400Bd PSK burst mode, ARCOTEL ALE bursts (07Aug04) (LDO)

12356.0 UBB : Kalinigrad.RUS RADIO J3E/USB 1855 TLF SIMPLEX (19-Ago) (BC)

12370 CVJACE: Bra-N [unid] ALE 0728 01-09-04 [sw]

12370 NEBRSL: Bra-N Training Ship "Brasil" c1g ERM. ALE 0810 03-09-04 [sw]

12370.5 WHW462 : Bedminster.NJ.USA PIN OAK INTL PACTOR-II 2200 N-D . (18-Ago) (BC)

12374 RHN85: Russian warship 2116 MS-5/1440/DPSK/USB wkg in cipher with RIW on 12398. Fades in and out. Both ends are only just audible at 2123. (24Aug04) (RGA)

12376.9 M... : UNID.UNID BF MFSK4 195.3/0 0635 N-D . (17-Ago) (BC)

12398 RIW: Naval HQ Moscow 2030 MS-5/1440/DPSK/USB Cipher. To RHN85. (24Aug04) (RGA)

12479.0 : UNID.UNID UNID FEC 100/170 2232 TFC/S-OFF . (18-Ago) (BC)

12577 9VAE4: Singapore Ship Galaxy 1607 GMDSS RQs Bandar Khomieni/EQN for safety test. (22Aug04) (RGA)

12577 ELKM5: Liberian Registered Vessel Mulungisi 1427 GMDSS RQs USCG Miami FL USA/NMA for safety test. (22Aug04) (RGA)

12577 LAPX5: Norwegian Ship Joe Maple 1404 GMDSS RQs MRCC Madrid/ECA6 for saftey test. (22Aug04) (RGA)

12577 UHHH: Russian Ship Voronezh 1456 GMDSS RQs LyngbyRadio/OXZ for safety test. (22Aug04) (RGA)

12577 XSG: ShanghaiRadio PRC 1608 GMDSS BQs Singapore ship Success/9VAW2 safety check. (22Aug04) (RGA)

12577.0 257504000: 1830 m/v BOW LADY c/s LAPF2 Norwegian ship CIT type DSC call selcall 35872 25/07 (PP1)

12577.0 272938000.0: M/v DOBROUCH c/s URCM 67938 Ukraine GMDSS call to4069430.0 31/08 (PP1)

12577.0 356939000.0: M/v SAFFRON TRADER c/s 3FQH6 Panama blk calling LYNGBY 31/08 (PP1)

12577.0 422218000: 1915 Iranian m/v IRAN HOVEIZEH EQXT type=oil DSC call to 5030001 01/09 (PP1)

12577.0 477178000: 1902 m/v SAI KUNG VRUI5 ca Hong Kong DSC call to 6010001 01/09 (PP1)

12577.0 538001722: 1605 GEORGE H GALLOWAY V7DW4 Marshall islands DSC call to 356073000 01/09 (PP1)

12577.0 548375000.0: M/v KIOWA PRINCESS c/s DXLL Phillipines 7selcall 0223 blk type calling PIRAEUS 31/08 (PP1)

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12577.0 548563000: 1830 DYDW m/v SEATTLE TRADER Filipino bulker
with DSC msg to 2241004 (Valencia,Sp) 31/08 (PP1)

12579 NRV: USCG Apra Harbour Guam 1949 FEC Pacific weather
forecast. Solid copy. (24Aug04) (RGA)

12579 NRV: USCG Guam 1530 FEC Pac/wx. (25/Aug/04) (RH2)

12579.0 N... : UNID.UNID USCG FEC 100/170 1700 WX/AV 'IDROLANTS'
(19-Ago) (BC)

12581.5 XSV : Tianjin.CHN RADIO FEC 100/170 2200 WX .
(20-Ago) (BC)

12581.5 XSV: Tianjin R 1815 CW Marker (16/08/04) (AJP)

12581.5 XSV: Tianjin radio CHN 13:36 A1A + Sitor-A/100/170 de XSV
and channel free marker 29aug (PPA)

12586.0 UDK: MURMANSK 1415 ARQ/CW calling Jul02 04 ML

12590.5 RRR34: Moskva-1 1546 ARQ w/Morse ID. (29Aug04) (RGA)

12592.5 NMN: CAMSLANT Chesapeake VA USA 1945 ARQ w/Morse ID.
(24Aug04) (RGA)

12594.0 IDR : Roma.I IN BAUDOT 75/850 1709 AVAILABILITY .
(19-Ago) (BC)

12599.5 UAT: MOSCOW 1416 ARQ Jul02 04 ML

12654.0 TAH: Istanbul R 2008 Sitor wx TT/EE (16/08/04) (AJP)

12666.2 RFFMEA: FN La Regine 0529 rtty 75/850 RY/Batiments Naviter
Sud (01/Sep/04) (RH2)

12666.5 FUE : La Regine.F FN BAUDOT 75/850 1044 RY+TEST .
(05-Ago) (BC)

12672.0 U... : UNID.CIS CIS MIL BEE/36-50 50/247 0606 N-D .
(11-Ago) (BC)

12700.0 UCE : Arkhangelsk.RUS RADIO BAUDOT 50/170 1020 NXS-RUS
(06-Ago) (BC)

12714 UCE: ArkhangelskRadio 1845 ARQ Tgms in autotelex until
'mailbox empty'. (24Aug04) (RGA)

12721.0 9HD : La Valetta.MLT GW RADIO PACTOR-GW 1233 N-D/CH
MARKER . (20-Ago) (BC)

12727.0 HLG : Seoul.KOR GW RADIO PACTOR-GW 1702 N-D/CH MARKER .
(19-Ago) (BC)

12732.0 9HD : La Valetta.MLT GW RADIO PACTOR-GW 2100 N-D/CH
MARKER . (10-Ago) (BC)

12735.0 URL: 1730 Sevastopol Radio,Ukraine CW message 16/08 (PP1)

12735.0 URL: SEVASTOPOL R 1943 CW de Jun30 04 ML

12735.0 URL: Sevastopol R 2013 CW 'CQ de URL' (16/08/04) (AJP)

12790.3 U... : UNID.CIS CIS MIL BAUDOT 50/469 1723 TFC KRY
'KRIPTPGRAMA ZLIT' ZZZZZZ: (19-Ago) (BC)

12800 CDDA: Venezuela Air Defense HQ 2148z USB/ALE calls MONTECANO
Venezuela Air Defense (31Aug04) (CC)

12808.5 VTG: Indian Ny 2000 CW wx report //8634.0 (21/08/04) (AJP)

12828.6 U... : UNID.CIS RADIO CW 1800 TL . (26-Ago) (BC)

12828.8 UTQ: KIEV RADIO 1700 FAX 120/576/N/530 weak pix (17/Sep)(DW)

12856.0 XSG : Shangai.CHN RADIO CW 1700 WX ING . (10-Ago) (BC)

12856.0 XSG: Shangai R 1756 CW 'CQ de XSG' (16/08/04) (AJP)

12856.0 XSG: Shanghai R 0900 CW area wx EE // 8665 17103.5
(08Aug04) (ML2)

12857.0 RFTJE: FN DAKAR 1945 ITA2/75 zui testing Jun30 04 ML

12873.6 FUG: French Navy La Regine, F 0822 FSK 300Bd/ 850Hz, non
stop encrypted tfc.(05Sep04) (LDO)

12892.5 9HD : La Valetta.MLT GW-RADIO PACTOR-GW 1748 N-D/CH
MARKER . (19-Ago) (BC)

12905.0 : UNID.UNID UNID J3E/USB 1749 TLF/DIAL TONES
SIMPLEX (19-Ago) (BC)

12912.0 : UNID.UNID UNID FSK 50/810 2105 N-D .
(10-Ago) (BC)

12916.5 HLF: Seoul Radio 1829 CW "CQ de HLF QSX 12 Mhz"
(10/07/04) (AJP)

12923.0 HLW2 : Seoul.KOR RADIO CW 2141 CQ DE . (16-Ago) (BC)

12925.5 Unid: Unid 1842 8 tones AFSK Possible Japanese Fisheries.-
(10/07/04) (AJP)

12932.0 Unid: ss Navrad 1705 rtty 100/850 Crypto (30/Aug/04) (RH2)

12935.0 HLG : Seoul.KOR RADIO CW 1707 CQ DE . (10-Ago) (BC)

12948.0 ---: Russian Mil 2138 MS5 12 tones + 3300Hz pilot tone
(21/08/04) (AJP)

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12969 XSV: TianjinRadio PRC 1839 CW CQ de XSV UP 443 E E.
 (24Aug04) (RGA)
 12980.0 PKX2: PERTAMINASHIP Jakarta 0100 CW tfc to fleet & charter
 vsls, DE PKX2 s/off (05Aug04) (ML2)
 12984.0 4xz: : IN Haifa 2050 cw de 4xz vxz = 25Aug04 (wp3)
 12998.0 Russian: Military 0305 MS5 12-channel modem idle and in
 traffic. (2-Jul-04) (JUM)
 13008.0 U... : UNID.CIS CIS MIL RUS-SYS 75/240 0612 N-D .
 (11-Ago) (BC)
 13015.5 IAR (Rome Radio): 1755 CW w/announcements. 08/09 RP3
 13033.5 VCS: GlobeRadio Halifax NS CAN 1821 GLOBEDATA Idling. weak.
 (24Aug04) (RGA)
 13042.5 FUV: FF Jibouti 1645 RTTY/150/850 Testing-Le Brick/1-9 etc.
 (25/Aug/04) (RH2)
 13042.5 FUV: FN Djibouti DJI 1823 RTTY/150/850 High speed bricks
 tests. (24Aug04) (RGA)
 13047.0 : UNID.UNID UNID FSK 50/850 2145 N-D .
 (16-Ago) (BC)
 13054.40 : UNID.UNID CIS MIL NATO 75/850 2146 N-D .
 (16-Ago) (BC)
 13072.0 AAA : UNID.ISR ISAF ALE/USB 1712 SOUND . (05-Ago) (BC)
 13072.0 DD1 : UNID.ISR ISAF ALE/USB 1701 SOUND . (05-Ago) (BC)
 13083.0 CUL: LISBON 1948 USB port d/x Jun30 04 ML
 13107.0 XSQ : Guangzhou.CHN RADIO J3E/USB 1937 TLF . (19-Ago) (BC)
 13128.0 TAH : Istanbul.TUR RADIO J3E/USB 1953 TLF . (19-Ago) (BC)
 13132.0 EGYPTIAN c130: 1293 calling CEDAR RAPIDS for radio check: 1935
 USB (19/AUG/04) (JLM)
 13155 MANGROVE: 28-char EAM 1555 USB DWDZ7P simulcast 11244.
 8992 and 6697. (21 Aug 04) (JH)
 13170.0 Olympia radio: USB / (02/Sep/2004) (Olympia)
 13185.0 RFA : Astrakan.RUS RADIO J3E/USB 1603 TLF . (05-Ago) (BC)
 13200 Sigonella: EAM 2 msgs Q4YKWB AND Q4GRMS J3e 1500 02-09-04 [sw]
 13200.0 AFS offutt; EAM msg DWWYTG 1933 J3E 21-aug-04 (SE)
 13200.0 KEFLAVICK: EAM msg DWUR7Z 1518 J3E 18-aug-04 (SE)
 13200.0 SIGONELLA: EAM msg DWRH24 and DWUR7Z 1531 J3E 18-aug-04 (SE)
 13215.0 ADW: 1303 ALE to off Aug22 04 ML
 13215.0 PLA: 1238 ALE Aug22 04 ML
 13215.0 T49: ?? any idea ? 1301 ALE snd Aug22 04 ML
 13215.0 EAD : AKA Anchorage.ALS USAF ELMENDORF AFB ALE/USB 0001
 SOUND . (20-Ago) (BC)
 13215.0 JDG : NKW Diego Garcia.DGA USN ALE/USB 1939 SOUND .
 (19-Ago) (BC)
 13215.0 MPA : MTS Mount Pleasant.FLK RAF ALE/USB 1949 SOUND .
 (19-Ago) (BC)
 13215.0 OFF : AFG4 Omaha.NE.USA USAF OFFUT AFB ALE/USB 0006 SOUND
 (20-Ago) (BC)
 13215.0 233123: (Test/training): 1349 USB/ALE TO ABC (Test/training).
 16/07 RP3
 13215.0 470123: (KC-10 # 87-0123): 1504 USB/ALE TO AED (Elmendorf
 AFB). 16/07 RP3
 13215.0 571428: (KC-135 # 57-1248): 1347 USB/ALE sounding. 19/07 RP3
 13215.0 591501: (KC-135 # 59-1501): 2040 USB/ALE TO ADW (Andrews
 AFB). Also noted on 11226.0. 16/07 RP3
 13215.0 ADW: (Andrews AFB): 1743 USB/ALE TO 551434 (KC-135 #
 55-1434). Also noted on 18003.0. 22/07 RP3
 13215.0 E31605: (E-3B AWACS # 76-1605): 1525 USB/ALE TO OFF (Offutt
 AFB). 19/07 RP3
 13215.0 JTY: 2105 USAF Yokota Japan USB/ALE 10/08 (PP1)
 13215.0 MCC: (McClellan): 1439 USB/ALE TO 491710 (KC-10 # 79-1710).
 18/07 RP3
 13221.0 NOJ: (CGAS Kodiak AK): 0326 USB/ALE sounding. 19/07 RP3
 13224.0 SA4: B Air Force ? Loc 2123 USB/ALE snd tws (13Sept04)(ZE)
 13235.0 ---: Unid 2257 FSK 100/850 (03/08/04) (AJP)
 13257.0 Canforce 4113: 1919 USB w/unheard station. 08/09 RP3
 13264.0 EIP: Shannon Volmet 2117 USB EE wx report (18/07/04) (AJP)
 13264.0 Shannon: 1805 USB w/volmet. 15/09 RP3
 13264.0 Shannon: 1952 USB w/volmet. 08/09 RP3
 13264.0 Shannon: 1952 USB w/volmet. 08/09 RP3

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13282 Auckland VOLMET 1545 USB flight wx for South Pacific in English. nothing on //8828 19/Aug/2004 (TR)

13282 Hong Kong VOLMET 1541 USB flight wx for South East Asian airports in English. fair signal with some fading. weaker on //8828. nothing at all on 6679 19/Aug/2004 (TR)

13282.0 hongkong vm: 1515 usb ee "hongkong..." AUG17 04 ML

13282.0 tokyo vm: 1513 usb AUG17 04 ML

13282.0 Auckland VOLMET: 1545 USB flight wx for South Pacific in English, nothing on //8828 19/Aug/2004 (TR)

13282.0 Hong Kong VOLMET: 1541 USB flight wx for South East Asian airports in English, fair signal with some fading, weaker on //8828, nothing at all on 6679 19/Aug/2004 (TR)

13287.0 O/M: (Vietnamese): 0240 USB w/unheard station. 19/08 RP3

13288.5 DDK6: DWD Kiel, D, 1900, FAX 120/576, meteo charts, 14/8/2004 (CK)

13291.0 Gander (MWARA NAT-B): 1355 USB w/Delta 109 w/selcal check (AA-FP). 08/09 RP3

13294.0 Kinshasa (MWARA AFI-4): 1948 USB w/Air France flight w/position report in FF. 08/09 RP3

13306 7T-VEY 1312 USB MWARA NAT-A/C, Air Algerie 7T-VEY, selcal GMJL, working Iceland with posn, wx, fuel status and selcal check, requesting clearance for new flight level 330 9/Sep/2004 (TR)

13306 84-0062 1335 USB MWARA NAT-A/C, Reach 84-0062, selcal DSGK, trying to raise New York but no joy, then working Iceland for selcal and radio check 9/Sep/2004 (TR)

13306 84008 1334 USB MWARA NAT-A/C, Swedish AF 84008, selcal HLCJ, working Iceland with posn, wx, fuelstatus, selcal and radio check 9/Sep/2004 (TR)

13306 C-FYKZ 1331 USB MWARA NAT-A/C, Air Canada C-FYKZ, selcal PRHK, working Iceland with posn and selcal check and requests VHFfreq for Arctic, Iceland advises to QSY to 11279 and call Arctic there or upon approach on 126.7, apparently (says Iceland) they have been assigned a wrong freq 9/Sep/2004 (TR)

13306 G-CEAJ 1326 USB MWARA NAT-A/C, European Air Charter G-CEAJ, selcal ELFJ, working Iceland for selcal check 9/Sep/2004 (TR)

13306 G-OOAH 1336 USB MWARA NAT-A/C, Air 2000 G-OOAH, selcal EPGK, working barely heard New York with selcal check and request for wx at KALB (Albany Intl) 9/Sep/2004 (TR)

13306 HB-IUU 1850 USB MWARA NAT-A/C, Jet Aviation HB-IUU. selcal EJAS. working Shanwick with posn. wx. fuel status and selcal check. requesting wx for LSZH (Zurich) and LSZB (Bern) 23/Aug/2004 (TR)

13306 N590FE 1320 USB MWARA NAT-A//C, FedEx N590FE, selcal KLES, working barely heard Gander with posn, wx, fuel status and selcal check, requesting routing confirmation, Gander advises stb/by on same frequency and to maintain selcal watch 9/Sep/2004 (TR)

13306 N645AW 1330 USB MWARA NAT-A/C, American West N645AW, selcal HPRS, working Iceland with posn, wx, fuel status and selcal check 9/Sep/2004 (TR)

13306 N676DL 1317 USB MWARA NAT-A/C, Delta N676DL, selcal CQHL, working Iceland for selcal check 9/Sep/2004 (TR)

13306 N691AA 1818 USB MWARA NAT-A/C. American N691AA. selcal GJRS. working Gander with request for new flightlevel. Gander asks to std/by and maintain selcal watch 23/Aug/2004 (TR)

13306 PH-BFL 1836 USB MWARA NAT-A/C. KLM PH-BFL. selcal DMAK working Iceland with posn. wx. fuel status and selcal check. also requesting wx for EDDF (Frankfurt Main) and EDFM (Mannheim City) 23/Aug/2004 (TR)

13306 PP-VNX 1316 USB MWARA NAT-A/C, Varig PP-VNX, selcal AFHL, working barely heard New York with posn and fuel status, requesting wx for KPSM (Pease Intl Tradeport) and KNHZ (Bruswick Nas) 9/Sep/2004 (TR)

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- 13306 TF-ABA 1310 USB MWARA NAT-A/C, Air Atlanta TF-ABA, selcal GJEF, working Iceland with wx, posn, and selcal check, requesting wx for BIRK (Reykjavik) 9/Sep/2004 (TR)
- 13306.0 Egypt Air MSR 85: 1525 USB w/New York (MWARA NAT-A) w/position report. 09/09 RP3
- 13306.0 HB-IUU: 1850 USB MWARA NAT-A/C, Jet Aviation HB-IUU, selcal EJAS, working Shanwick 23/Aug/2004 (TR)
- 13306.0 N691AA: 1818 USB MWARA NAT-A/C, American N691AA, selcal GJRS, working Gander with request for new flight level, Gander asks to std/by and maintain selcal watch 23/Aug/2004 (TR)
- 13306.0 PH-BFL: 1836 USB MWARA NAT-A/C, KLM PH-BFL, selcal DMAK, working Iceland with posn, wx, fuel status and selcal check, also requesting wx for EDDF (Frankfurt Main) and EDFM (Mannheim City) 23/Aug/2004 (TR)
- 13339.0 Aeromexico: LDOC/Mexico 1124UTC USB w/AM003 MEX-MAD 05/JUL/04 (AT)
- 13339.0 Ethiopian LDOC: 1904 USB ET872 clg w/no response (08Aug04) (AT)
- 13339.0 Saudia LDOC: 1342 USB w/SV815 QSY 8927 (26Jul04) (AT)
- 13351.0 Czech A/L LDOC: 1347 USB "Praha Radio" wkg flight in Czech (29Jul04) (AT)
- 13354.0 New York (MWARA NAT-E): 1533 USB w/KLM 741 w/position report. 13/08 RP3
- 13378.0 055: unid Indonesian 2136 Mil-Std 188-141A/USB sounding. (1-Jul-04) (JUM)
- 13390.0 BABANUSA : Babanusha.SDN UNID ALE/USB 1850 SOUND . (25-Ago) (BC)
- 13390.0 DMAZIN : Dmazin.SDN UNID ALE/USB 1840 SOUND . (25-Ago) (BC)
- 13390.0 FASHER : El Fasher.SDN UNID ALE/USB 1830 CLG NIALA . (25-Ago) (BC)
- 13390.0 GIRBA : Girba.SDN UNID ALE/USB 1737 SOUND . (25-Ago) (BC)
- 13390.0 FASHER: UNJLC Al Fasher 1545 USB/ALE snd tws (03/Sept/04) (ZE)
- 13390.0 GADARAF:SUDAN NET GADARAF 2308 MIL.STD 188.141A ALE on usb. Sounding (24/Aug)(DW)
- 13390.0 GIRBA: UNJLC Khasim El Girba 1615 USB/ALE snd tws (03/Sept/04) (ZE)
- 13390.0 MADANI: UNJLC Medani 1653 USB/ALE to ATABARA (03/Sept/04)(ZE)
- 13394.0 DOR: MFA Sofia, BUL 1204 USB/8-FSK 240Bd ARQ- system, tfc. to unlocated embassy, QSX not found (12Sep04) (LDO)
- 13394.0 DOR: MFA Sofia, BUL 1208 USB/MIL-STD 188-110A 39-tone waveform with modif. protocol & modif. preamble, QSX not found, 393.75 Hz doppler, (12Sep04) (LDO)
- 13421.6 : UNID.UNID UNID FSK 250/170 1737 N-D . (27-Ago) (BC)
- 13444.0 RFQP: FF Jibouti 1634 Arq-E3 100/400 Long Msg/FF to RFLIKF copied to umpteen ship and shore stations with prefix like RHEFDIA/washington; RIFMCCF; RHPSHUU/CTF152; CENTCOM; USS Enterprise etc etc; seemed to be all about a suspicious dhow - MARANI11 - to be stopped and searched. Looked much ado about nothing but quite exciting to see all the strange addressees scroll down screens!! (30/Aug/04) (RH2)
- 13457.0 : UNID.UNID UNID FSK/USB 0715 N-D @ALE (24-Ago) (BC)
- 13457.0 6BD : UNID.UNID UNID ALE/USB 0707 SOUND . (24-Ago) (BC)
- 13457.0 CYA : UNID.UNID UNID ALE/USB 0719 SOUND . (24-Ago) (BC)
- 13457.0 r8\ : Venezuelan Air Defense Net ? 0955 MIL-STD 188/141A THIS WAS: r8\ THIS WAS: r8\ THIS WAS: r8\ THIS WAS: 26Aug04 (wp3)
- 13475.0 CDDA: (HQs, Venezuelan Air Defense Command): 2205 USB/ALE TO MONTECANO (Air defense site). 16/08 RP3
- 13475.0 MONTECANO: (Venezuelan Air Defense site): 2128 USB/ALE TO CDDA (HQs, Venezuelan Air Defense Command). 18/08 RP3
- 13479.0 REA4 : Moskva.RUS CISAF CW 0652 TFC TWO TONES @50/998 IDLE ????? (28-Ago) (BC)
- 13490.0 U... : UNID.CIS CIS MIL CIS 81-81 40.5/499 0653 N-D . (24-Ago) (BC)
- 13491.7 BR1: Brazilian Army 1758 packet 300bd Traffic w/ PTA0

(10/09/04) (AJP)
13494.0 U... : UNID.CIS CIS MIL CIS 81-81 81/248 0839 N-D .
(31-Ago) (BC)
13500.0 61B: (LST "Capana", T-61): 1230 USB/ALE TO CGA (HQs,
Venezuelan Navy). 26/07 RP3
13500.0 61B: UNID Ny ? Venezuela 0402 USB/ALE to BNG VEN Ny Base
Guterrez 16/Aug/04 (ZE)
13500.0 BNA: VEN Ny Base Amario 0418 USB/ALE to CGA Venezuelan
Army HQ 16/Aug/04 (ZE)
13500.0 BNF: Venezuelan Ny Base Falcon 0256 USB/ALE to CGA
Venezuelan Army HQ 16/Aug/04 (ZE)
13500.0 CGA: (HQs, Venezuelan Navy): 1138 USB/ALE TO PR2 (River
Patrol Craft "Lago2" PBR-2). 22/07 RP3
13500.0 CGA: Venezuelan Army HQ 2219 USB/ALE to BNA VEN Ny Base
Amario 15/Aug/04 (ZE)
13500.0 DHN: (unidentified, possible Venezuelan Navy): 2328
USB/ALE TO PR2 (River Patrol Craft "Lago2" PBR-2).
22/07 RP3
13500.0 DHN: (Venezuelan Direccion Hidrografia y Navigacion): 2200
USB/ALE TO CGA (HQs, Venezuelan Navy). Also noted on 19200.0.
14/08 RP3
13500.0 DHN: VEN Direccion Hydrografia y Navigacion 2217
USB/ALE to PR1 15/Aug/04 (ZE)
13500.0 PR1: VEN Ny River Patrol Craft LAG01 2217 USB/ALE to DHN
Dir.Hidrografia y Nyvigacion 15/Aug/04 (ZE)
13500.0 BNA: (Venezuelan Navy Base "Amario"): 0958 USB/ALE TO BNF
(Venezuelan Navy Base "Falcon"). 18/08 RP3
13500.0 BNF: (Venezuelan Navy Base "Falcon"): 1056 USB/ALE TO CGA
(HQs, Venezuelan Navy). 18/08 RP3
13510 CFH: CAN Forces Halifax 1102 FAX/120/576 Test
chart/schedule. (22Aug04) (KB)
13510 CFH: CANFORCE Halifax NS CAN 1829 FAX/120/576 Good clear
winds forecast chart valid until 2359UTC tomorrow.
(24Aug04) (RGA)
13513 AMMAN: French emb. Amman. JOR 0856 USB/MIL-STD 188-141A
calling ABUDHABI (22Aug04) (LDO)
13513 AMMAN: French Embassy Amman JOR 1650 ALE/USB Calls
ABUDHABI. (24Aug04) (RGA)
13513.0 AMMAN: French emb. Amman, JOR 0856 USB/MIL-STD 188-141A
calling "ABUDHABI" (22Aug04) (LDO)
13527.8 P: chnl mkr "P" Rus-N 1402 A1A 16-aug-04 (SE)
13527.7 D : Odessa.UKR CISN BEACON CW 1956 QRA . (20-Ago) (BC)
13527.8 P : Kaliningrad.RUS CISN BEACON CW 1956 QRA .
(20-Ago) (BC)
13527.9 S : Arkahngelsk.RUS CISN BEACON CW 1956 QRA .
(20-Ago) (BC)
13528 C: MX Beacons 1833 CW 13527.8-P/Kaliningrad; 13527.
9-s/Arkhangelsk. 13528.0-C/ Moscow. (24Aug04) (RGA)
13528 M: MX Beacon Magadan 1444 CW (27Aug04) (WC)
13528 S: MX Beacon Arkhangelsk 0609 CW // 10872 16332
20049. (21Aug04) (WC)
13528.0 C : Moskva.RUS CISN BEACON CW 1956 QRA . (20-Ago) (BC)
13530.0 ANTIOQUIA1: (Colombian Navy Corvette " Antioquia" FM-53):
2048 USB/ALE sounding. 10/08 RP3
13530.0 MOCHUELO: (Colombian telephone net): 2310 LSB/ALE TO 1901
(Colombian telephone net)--[AMD]DIAL0943617193 . 22/07 RP3
13533.0 Israel Intel: 2017 AM E10 Mossad. Letters //9130.0 off
at 2028 (18/07/04) (AJP)
13538.0 ZSJ: SAN Silvermine 2240 fax 120/576 special sfc Prog Area
East to Diego Garcia and Seychelles. Not seen before;
must have been a special request (29/Aug/04) (RH2)
13550.5 ZKLF : Auckland.NZL METEO FAX 120/576 1630 CDT .
(14-Ago) (BC)
13593.7 F... : UNID.UNID FF ARQ-E3 192/371 0855 TFC FRA 'FORMAT
LIGNE' (30-Ago) (BC)
13597.0 JMH4 : Tokyo.J METEO FAX 120/576 2110 CDT . (10-Ago) (BC)
13600.0 U... : UNID.CIS CIS MIL CIS 81-81 40.5/499 0702 N-D .
(27-Ago) (BC)

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13829.0 AMM: Brit. MIL attach=E9 Amman, JOR 1220 USB/MIL-STD
188-141A, sounding (07Aug04) (LDO)

13844.0 U... : UNID.CIS CIS MIL CIS 81-81 81/248 0705 N-D .
(27-Ago) (BC)

13883.0 Unid: 1818 FAX w/poor quality pressure gradient chart. Not
able to determine geographic location of map. 08/09 RP3

13886.0 Unid: Moscow Met 1650 fax 120/576 Crystal clear! //10611.2
(01/Sep/04) (RH2)

13886.3 Unid: Moscow Met 1645 FAX/120/576 Wx chart - crystal clear.
(22/Aug/04) (RH2)

13886.7 FDX : Paris.F FAF ARQ-E3 192/400 2132 IDLE .
(08-Ago) (BC)

13887.0 Avianca LDOC: 2036 USB SS wkg AV flight (10Aug04) (AT)

13900.0 BMF : Taipei.TWN METEO FAX 120/576 2134 CDT .
(08-Ago) (BC)

13900.0 BMF: Taipei Meteo 2140 FAX 120/576 chart. (1-Jul-04) (JUM)

13907 502: USCG HC-130H #1502 CGAS Elizabeth City 2248z USB/ALE
Sounds (31Aug04) (CC)

13907 CS3: Cothen Remote Oklahoma City. OK 2231z USB/ALE
(31Aug14) (CC)

13907 D23: ICE P-38 Slick Corpus Christi AMB. TX 2258z USB/ALE
Sounds (31Aug04) (CC)

13907 D42: ICE P-3 AEW&C Corpus Christi AMB. TX 2219z USB/ALE
(31Aug04) (CC)

13907 J05: USCG HH-60J CGAS Astoria # 6005 2253z USB/ALE Sounds
(31Aug04) (CC)

13907 J15 USCG HH-60J CGAS Clearwater #6016 2245z USB/ALE Sounds
(31Aug04) (CC)

13907 To 718: USCG HC-130H#1718. CGAS Sacramento 2233z USB/ALE This
was PAC: USCG Campspac Point Reyes. CA (31Aug04) (CC)

13907.0 LNT: 2132 possible COTHEN/US customs sitecalling 717
USB/ALE 10/08 (PP1)

13907.0 M51: 2140 possible COTHEN/US customs site USB/ALE 10/08 (PP1)

13907.0 PAC: 12714.0 Arkhangel'sk Radio 1700 Arkhangel'sk R w/Sitor
A msg to UCKU Fedor Varaksin 16/08 (PP1)

13907.0 Panther: (OPB in ALE): 0054 USB & USB/ALE w/CG 17C (J17 in
ALE) w/position report from checkpoint Charlie 6.
27/07 RP3

13925.5 MVD1: Army Corps Mississippi 2030 ALE / Nice signal
(14/Sep/2004) (Fred VE3DX1FAL)

13927 REACH 4189: rq pp via AFA2AK 956 821 4222 J3e 1353
14-09-04 [sw]

13927.0 AFA1QW: (Greenwood IN): 1530z USB wkg JAYHAWK 11 (KC-135R,
McConnell AFB KS-ANG 127ARS) in ph patch to DSN 743-7187
McConnell Ops. (10/Aug/2004) (ALS)

13927.0 AFA1RE: (Air Force MARS): 0117 USB w/Sentry 60 (E-3B AWACS,
Tinker AFB) w/morale pp. AFA1RE also w/AFA1EN w/pp procedure
related chat. 05/08 RP3

13927.0 AFA1RE: 0250z USB wkg PITT 13 (C-130H, Pittsburgh 911AW
758AS) re ETA Pittsburgh 0130 Local. (10/Aug/2004) (ALS)

13927.0 AFA2XD: USAF MARS OPERATOR AFA2XD (Patrick AFB FL): 1430z
USB wkg REACH 1142 (C-130H #91-9142, Youngstown-Warren
RAP AFRC 773AS) for M&W phone patch re ETA 1230 Local.
(9/Aug/2004) (ALS)

13927.0 AGA2PA: (Patrick AFB): 1510z USB wkg JAYHAWK 11 (KC-135R,
McConnell AFB KS-ANG 127ARS) in ph patch to DSN 743-7187
McConnell Ops. (10/Aug/2004) (ALS)

13927.0 AGA2PA: (Patrick AFB): 1515z USB wkg MARS AFA4DD.
(10/Aug/2004) (ALS)

13927.0 AGA2PA: (Patrick AFB): 1515z USB wkg STARGATE (E-8C JSTARS
mission crew, Robins AFB 116ACW 330CTS) over KY re ph
patch to 497-3260 Peachtree Ops: passes formatted
report. (10/Aug/2004) (ALS)

13927.0 AGA2PA: (Patrick AFB): 1530z USB wkg MARS AFA2XZ.
(10/Aug/2004) (ALS)

13927.0 USAF MARS (AGA2PA, Patrick AFB): 1615z USB wkg RAZOR 22
(E-8C JSTARS, Warner-Robins AFB), ph patch.
(30/Aug/2004) (ALS)

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- 13927.0 USAF MARS (AGA2PA. Patrick AFB): 1615z USB wkg RAZOR 22 (E-8C JSTARS. Warner-Robins AFB). ph patch. (30/Aug/2004) (ALS)
- 13927.0 USAF MARS: 2029z USB wkg UNID acft over Boston; ph patch DSN 314-330-8742 Rhein Main AAB CP, Frankfurt Germany. (30/Aug/2004) (ALS)
- 13927.0 USAF MARS: 2029z USB wkg UNID acft over Boston; ph patch DSN 314-330-8742 Rhein Main AAB CP. Frankfurt Germany. (30/Aug/2004) (ALS)
- 13942.0 BR1(Brazilian Army HQs Brasilia): 2249 USB/ALE TO SP1(Brazilian Army Sao Paulo). 20/09 RP3
- 13942.0 RJ1 (Brazilian Army Rio de Janeiro): 2232 USB/ALE TO BR1(Brazilian Army HQs Brasilia). 20/09 RP3
- 13942.0 RJ1: (Brazilian Army, Rio de Janeiro): 2243 USB/ALE TO BR1(HQs, Brazilian Army Brasilia). 09/08 RP3
- 13942.0 RJ1: (Brazilian Army, Rio de Janeiro): 0048 USB/ALE TO BR1 (Brazilian Army HQs, Brasilia). 19/08 RP3
- 13942.0 RJ1: (Brazilian Army, Rio de Janeiro): 2318 USB/ALE TO BR1 (Brazilian Army HQs, Brasilia). 18/08 RP3
- 13948.0 U.. : UNID.CIS CIS MIL RUS-SYS 75/240 0711 N-D . (30-Ago) (BC)
- 13964.0 4Z3W : UNID.UNID UNID CW 0657 GR(N4) . (24-Ago) (BC)
- 13972.0 O/M (Portuguese): 1527 USB w/Y/L (Portuguese). 15/09 RP3
- 13972.0 SA4 (unidentified, Brazilian Air Force): 2055 USB/ALE sounding. 15/09 RP3
- 13972.0 SA4 (unidentified, Brazilian Air Force): 2122 USB/ALE TO CERRADO (unidentified). ALE handshake followed by voice, however, too weak to read. 15/09 RP3
- 13972.0 SA4 (unidentified, probable Brazilian Air Force): 2229 USB/ALE sounding. 13/09 RP3
- 13972.0 SCORPIUS (1°/3° Grupo de Aviação "Escorpião" Boa Vista): 2256 USB/ALE sounding. 03/09 RP3 ((Thnks to Leif for the ident))
- 13972.0 SCORPIUS (Brazilian Air Force 1°/3° Grupo de Aviação "Escorpião" Boa Vista): 2314 USB/ALE sounding. 14/09 RP3
- 13972.0 SCORPIUS (Brazilian Air Force, 1°/3° Grupo de Aviação "Escorpião" Boa Vista): 2218 USB/ALE sounding. Also sounding on 13224.0. 06/09 RP3
- 13972.0 SCORPIUS (Brazilian Air Force, 1°/3° Grupo de Aviação "Escorpião", Boa Vista): 2143 USB/ALE sounding. 05/09 RP3
- 13972.0 CERRADO: (unidentified, Brazilian Air Force): 2243 USB/ALE sounding. Also sounding on 17982.0. 24/08 RP3
- 13977.7 FDX : Paris.F FAF ARQ-E3 192/400 2137 IDLE .(08-Ago) (BC)
- 13977.7 FDX : Paris.F FAF ARQ-M2 200/383 0814 IDLE .(17-Ago) (BC)
- 13978.0 RDSGC (unidentified, probably Brazilian Air Force): 2022 USB/ALE TO SFAMN (Brazilian Air Force Rescue, Manaus). 20/09 RP3
- 13978.0 RDSGC (unidentified, probable Brazilian Air Force): 0151 USB/ALE sounding. 13/09 RP3
- 13978.0 SFAMN (Brazilian AF Rescue, Manaus): 2148 USB/ALE TO RDSGC (unidentified, probable Brazilian Air Force). 10/09 RP3
- 13978.0 SFAMN (probably Brazilian Air Force Rescue -Salvamento Forca Aerea, Manaus): 0132 USB/ALE sounding. 09/09 RP3
- 13978.0 SFAMN (Salvamento Forca Aerea-Brazilian Air Force Rescue, Manaus): 1105 USB/ALE sounding. 12/09 RP3
- 13978.0 TWC1: (unidentified): 2312 USB/ALE TO SFAPV (unidentified). 31/08 RP3
- 13978.94 : UNID.UNID UNID FSK 75/45 1045 N-D . (20-Ago) (BC)
- 14000.0 MOCHUELO: (Colombian telephone net): 0326 LSB/ALE TO 1901 (Colombian telephone net)--[AMD]DIAL0963674537. 06/27 RP3
- 14006 OPS171: 1-171 Avn US Army Deployed 1759 ALE/USB Sounding. (29Aug04) (RGA)
- 14192 : Russian Military 1756 36-50/50/500 Idling on revs. Occasional T600 messages. Unusual shift. (23Aug04) (RGA)

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- 14265.0 WA0SLB (id as in Denver CO) acting as Net Control for the International SATERN (Salvation Army Team Emergency Radio Network): 1500 USB w/W0LXD; N9AL; and others w/hurricane related information/assistance. 15/09 RP3
- 14300.0 W7GOX (id as Net Control): 0025 USB working Maritime Net w/K9FV; K4RYI (Panama City FL); K4MEK and K0IND sharing traffic and information on impending arrival of Hurricane Ivan. 15/09 RP3
- 14357.0 ADWCAP (Civil Air Patrol, Andrews AFB): 0022 USB/ALE sounding. Also noted sounding on 06806.0; 08012.0; and 11402.0. 05/08 RP3
- 14357.0 ADWCAP: (Civil Air Patrol, Andrews AFB): 0022 USB/ALE sounding. Also noted sounding on 06806.0; 08012.0; and 11402.0. 05/08 RP3
- 14384.0 XYN6 : UNID.UNID UNID CW 0703 CLG/WKG S3I4 . (30-Ago) (BC)
- 14393.0 U.. : UNID.CIS CIS MIL BEE/36-50 50/240 0700 N-D . (30-Ago) (BC)
- 14396.5 AFA2BR (USAF MARS, Houston): 1345 USB w/Florida CAP 1010 (not heard) and KGC34A (SHARES NCC, Arlington VA). Chat reveals that WGY974 (FL EOC, Tallahassee) has lost contact with all stations in the Indian River FL area. 05/09 RP3
- 14396.5 KHA908: NASA Ames Research Center, Moffett Field, CA: 1705 USB voice (13/AUG/04) (JLM)
- 14396.5 WGY9025: CDC (Center for Disease Control) Atlanta, GA: 1920 USB (13/AUG/04) (JLM)
- 14420 MADANI: UNJLC Madani SDN 1751 ALE/USB Calls RIBKONA/UNJLC Ribkona. JIRBA sounds. (29Aug04) (RGA)
- 14420 SHENDI: UNJLC Shendi SDN 1743 ALE/USB Calls NYALA4/UNJLC Nyala. (29Aug04) (RGA)
- 14420.0 DMAZIN : Dmazin.SDN UNID ALE/USB 1928 CLG KAD '[AMD]...OGLI@@OGLI@' (20-Ago) (BC)
- 14420.0 GIRBA : Girba.SDN UNID ALE/USB 1905 SOUND . (20-Ago) (BC)
- 14420.0 OBIED : Obied.SDN UNID ALE/USB 1923 SOUND . (20-Ago) (BC)
- 14420.0 ST.. : Madani.SDN UNID ALE/USB 1955 SOUND . (20-Ago) (BC)
- 14420.0 DMAZIN: (UN, Damazin Sudan): 2355 USB/ALE sounding. 31/08 RP3
- 14420.0 FASHER: SUDAN NET FASHER 1726 MIL.STD 188-141A ALE on usb. Sounding (25/Aug)(DW)
- 14420.0 GADARAF: 2154 Sudan Darfur Conflict Relief organizations USB/ALE10/08 (PP1)
- 14420.0 GADARAF: UNJLC OPS Gedaref 1955 USB/ALE snd tws GADARAF 11/Aug/04 (ZE)
- 14420.0 GADARAF:SUDAN NET GEDAREF 2353 MIL.STD 188.141A ALE on usb. Sounding (23/Aug)(DW)
- 14420.0 GIRBA: (UN, Sudan): 2205 USB/ALE sounding. 31/08 RP3
- 14420.0 GIRBA: (UN. Sudan): 2223 USB/ALE sounding. 30/08 RP3
- 14420.0 GIRBA: Sudan Net 1908 ALE/USB Also ATBARA, JUBA, WAU, FASHER, (02/09/04) (AJP)
- 14420.0 GIRBA: UNJLC OPS Khasim el Girba 1947 USB/ALE snd tws GIRBA 11/Aug/04 (ZE)
- 14420.0 MADANI: 2127 Sudan Darfur Conflict Relief organizations USB/ALE 10/08(PP1)
- 14420.0 MADANI: SUDAN NET WAD MEDANI 0124 MIL.STD 188.141A ALE on usb. Sounding. (24/Aug)(DW)
- 14420.0 MADANI: SUDAN NET WAD MEDANI 0557 MIL.STD 188-141A ALE on usb. CIng NYALA3 (19/Aug)(DW)
- 14420.0 NYALA2 (UN, Sudan): 2234 USB/ALE sounding. 08/09 RP3
- 14420.0 GIRBA: (UN element, Sudan): 2226 USB/ALE sounding. 22/08 RP3
- 14420.0 OBIED: (UN element, Sudan): 2354 USB/ALE sounding. 22/08 RP3
- 14421.0 RAD : UNID.RUS UNID CW 0758 TFC . (17-Ago) (BC)
- 14422.0 RBT: Rabat emb. 1233 USB/ALE calls MAE MFA Algiers (21-aug-2004)(MSM)
- 14422.0 RBT : Rabat.MRC AMB. ALGERINA ALE/USB 1012 SOUND .

(20-Ago) (BC)
14441.5 950DVA: US Dept of Veterans' Affairs 1800 ALE/USB Sounding. (29Aug04) (RGA)
14446.7 SSE : Cairo.EGY MFA FEC 100/170 1909 WKG Habana . (19-Ago) (BC)
14446.7 SSE : Cairo.EGY MFA SITOR 100/170 1906 CLG Habana . (19-Ago) (BC)
14452.5 CIW650: CFARS Net. Stations heard - CIW650. CIW677.CIW650.CIW681 and others 23jun04 (TN)
14467.3 DDH8: Hamburg Meteo via Pinneberg 1817 RTTY/50/450 SMNO01 ENMI 241800. (24Aug04) (RGA)
14480.0 : UNID.UNID UNID J3E/USB 0835 TFC ??? @PSK (31-Ago) (BC)
14483.5 CGOOPS: (probably Nat'l Guard, Cargo Ops ??): 1355 USB/ALE sounding. 08/08 RP3
14483.5 CGOOPS: (unidentified, probable US Army or Coast Guard): 1421 USB/ALE sounding. Also noted sounding on 09295.0; 10670.5 & 11439.5. 31/07 RP3
14485.7 FUF : Fort de France.MRT FN ARQ-E3 192/370 2151 IDLE . (16-Ago) (BC)
14487.0 E03: Lincolnshire Poacher, Cyprus 18:35 USB Message with numbers "53426 70482 35479..." End of traffic at 18:46 19/08 (SP1)
14493.5 OM2: US FBI Omaha NE 1744 ALE/USB calls CL1/Cleveland OH who responds. (29Aug04) (RGA)
14496.0 Unid: 2328 Ionosonde. Followed by two pulses on 14465.0. (1-Jul-04) (JUM)
14504.0 U.. : UNID.CIS CIS MIL BEE/36-50 50/247 0658 N-D . (30-Ago) (BC)
14507.2 SDL26 : London.G AMB. SUDANESE PACTOR 1940 ASCII TFC [701] (20-Ago) (BC)
14520.0 Unid: arabic station, 19:35 utc USB traffic with one om and one yl in arabic 19/08 (SP1)
14528.6 USAF MARS: station with NOAA weather reports: 1410 PACTOR (19/AUG/04) (JLM)
14550.0 CID: (unidentified Rockwell-Collins): 1216 USB/ALE sounding. Also=sounding on 07650.0. 06/25 RP3
14556.0 RIW : Khiva.UZB CISN CW 0641 VVV DE . (11-Ago) (BC)
14560.0 179: Chinese embassy Madrid, E 0649 USB/MIL-STD188-141A, radio check to 125 (06Aug04) (LDO)
14582.0 BR1: (Brazilian Army HQs, Brasilia): 0033 USB/ALE TO PR1(Brazilian=Army, Parana). 14/07 RP3
14601.0 unid: Russian 2145 Baudot 50/250 5F. (1-Jul-04) (JUM)
14653.0 A090ZN: (Nat'l Guard unit, Arizona): 2159 USB/ALE TO W100AN (Nat'l Guard unit, Washington). 31/08 RP3
14653.0 A090ZN: (Nat'l Guard, Arizona): 0344 USB/ALE TO G090UN (Nat'l Guard, Guam). Also noted on 16338.5 & 20906.0. 05/08 RP3
14653.0 C090AN (Nat'l Guard unit, California): 2002 USB/ALE TO HIC93NG (Nat'l Guard 93rd WMD-CST unit, Hawaii). 03/09 RP3
14653.0 C090AN (Nat'l Guard unit, California): 2007 USB/ALE TO MOC07NG (Nat'l Guard 7th WMD-CST unit, Missouri). 03/09 RP3
14653.0 C090AN (Nat'l Guard unit, California): 2021 USB/ALE TO TNC45NG (Nat'l Guard 45th WMD-CST, Smyrna TN). 03/09 RP3
14653.0 V020IN (Nat'l Guard, US Virgin islands): 1954 USB/ALE TO NYC02NG (Nat'l Guard, New York City). 13/09 RP3
14653.0 K070SN: (Nat'l Guard SIPR node, Kansas): 1533 USB/ALE TO HQ703N (Nat'l Guard HQs element, Arlington VA). 23/08 RP3
14661.7 SSE.. : Habana.CUB AMB. EGIZIANA SITOR 100/170 1914 WKG Cairo (14446.7) (19-Ago) (BC)
14664.0 RDL : Karganda.RUS CISN BEE/36-50 50/200 2356 N-D . (06-Ago) (BC)
14664.0 Unid: CIS Navrad 1659 36-50 50/240 (30/Aug/04) (RH2)
14664.0 unid: probably RDL related RUS 13:50 BEE 36-50/50/250 several messages off at 13:55 29aug (PPA)

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14671.0 CER11: (French MFA. Paris): 1716 USB/ALE TO RABAT
(French Embassy. Morocco). 06/28 RP3

14671.0 RABAT: F Emb Rabat 1419 USB/ALE to CER11 MFA Paris
(07Sept04) (ZE)

14671.0 RIYAD: F Emb Riyadh 1736 USB/ALE to AMMAN F Emb
13/Aug/04 (ZE)

14680.0 V5G: Rou-MFA qru all =3D qrx tmw gb 73/88 =3D =3D =3D v5g
v5g v5g =3D op c 18 qsp gd fr all =3D nw hr 1003 A1A
16-aug-04 (SE)

14731.7 RFVI: ff la reunion 1518 ARQ-E 192 Aug22 04 ML

14753.0 679 : UNID.UNID UNID CW 1930 GR(N) . (24-Ago) (BC)

14757.0 T1Z137: (1/137th Avn, OH NG Rickenbacker ANGB OH):
1440 USB/ALE sounding. Also sounding on 07650.0. 08/08 RP3

14761.5 SKYWAT (Skywatch, US Army Flight watch, Soto Cano AB
Honduras): 1222 USB/ALE sounding. 09/09 RP3

14761.5 SKYWAT (Skywatch, US Army Flight watch, Soto Cano AB Honduars):
1327 USB/ALE sounding. Also sounding on 16144.5. 20/09 RP3

14780.0 ERMBEL (Brazilian Navy Radio Station, Belem): 1328
USB/ALE TO ERMRIO (Brazilian Navy Radio Station,
Rio de Janeiro). 13/09 RP3

14780.0 BTLCMC1 (Brazilian Marine Special Forces Bn): 0015
USB/ALE TO ERMNAT (Brazilian Navy Radio Station, Natal).
Also noted on 14780.0 & 22168.0. 10/09 RP3

14780.0 ERMBEL: (Brazilian Navy Radio Station. Belem): 1244
USB/ALE TO NTGMTA (Fleet Oiler. Almirante Gastao Motta.
G-23). 06/27 RP3

14780.0 ERMRIO (Brazilian Navy Radio, Rio de Janeiro): 0142
USB/ALE TO NTMRJO (Brazilian Navy Oiler "Marajo", G-27).
13/09 RP3

14780.0 NDDCEA: (Brazilian Navy Dock Landing Ship G-30 CEAR=C1):
0036 USB/ALE=TO FRADEM (Brazilian Navy Frigate Rademaker.
F-49). Also on 17010.0. 06/25=RP3

14780.0 NTGMTA: (Brazilian Navy Fleet Oiler. Almirante Gastao
Motta. G-23): 2353 USB/ALE TO ERMBEL (Brazilian Navy
Radio Station. Belem). Also noted on 17010.0.
06/28 RP3

14812.0 1020: Turkish Red Crescent. Ankara 1205 USB/ALE to 1080
and 2030 09/Aug/04 (ZE)

14812.0 1020: Turkish Red Crescent. Ankara 1221 USB/ALE to 2010
and 1070 09/Aug/04 (ZE)

14812.0 305: UNID 1309 USB/ALE to 102 09/Aug/04 (ZE)

14812.0 5010: UNID Turkish Red Crescent ? 1440 USB/ALE to 5020
05/Aug/04 (ZE)

14812.0 ETD165: Polish Military Network 1427 USB/ALE to LCR154
POL Military Network 09/Aug/04 (ZE)

14812.0 LCR154: Polish Military Network 0720 USB/ALE to ETD165
POL Military Network 09/Aug/04 (ZE)

14824.0 LCR152: Pol Mil prob. Janki n/warsaw 1421 USB/ALE calls unid
POLMIL AQX047 (21-aug-2004)(MSM)

14840.0 : UNID.UNID UNID FSK 50/716 1759 N-D .
(19-Ago) (BC)

14875.0 R... : UNID.UNID FAPSI BAUDOT 75/470 1630 RY/GR(A)
'11177' (30-Ago) (BC)

14913.0 055: unid Indonesian 2149 Mil-std 188-141A/USB sounding
(1-Jul-04) (JUM)

14936.7 SSE.. : N'Djamena.TCD AMB. EGIZIANA SITOR 100/170
0724 TFC ARA 'GMQKJSGK' (24-Ago) (BC)

14978.5 Japanese Fisheries: 2318 8FSK Modem 200/2100.
(1-Jul-04) (JUM)

14986.0 U.. : UNID.CIS CIS MIL RU-SYS 75/244 0655 N-D .
(30-Ago) (BC)

14996 RWM: Moscow T&FS Stn 0500 CW Very strong into this
QTH. // 9996 (20Aug04) (BC3)

14996.0 RWM: Moscow, RUS, 1140, CW, time signals, 19/8/2004 (CK)

15000.0 5557: unid N.African Net 1502 USB/ALE snd (21-aug-2004)(MSM)

15025.0 Aeroflot SU0107: 1607 HFDL/USB [HFNPDU PERFORMANCE] 16:07:20
UTC Flight ID = SU0107 LAT 51 16 36 N LON 12 6 13 E
23/Aug/2004 (TR)

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15025.0 Qatar Airways QR0043: 1608 HF DL/USB [HFNPDU PERFORMANCE]
16:07:20 UTC Flight ID = QR0043 LAT 51 22 13
N LON 9 7 38 E 23/Aug/2004 (TR)

15025 Aeroflot SU0107 1607 HF DL/USB [HFNPDU PERFORMANCE]
16:07:20UTC Flight ID = SU0107 LAT 51 16 36 N
LON 12 6 13 E 23/Aug/2004 (TR)

15025 CN-RNX: Royal Air Maroc Flt AT776 1756 HF DL Reports
3322N 00735W. (22Aug04) (RGA)

15025 CN-RNY: Royal Air Maroc A321 1602 HF DL Logs on.
(22Aug04) (RGA)

15025 D-ALCM: Lufthansa Cargo MD11 LH8297 1650 HF DL Reports
0118S 03653E. (22Aug04) (RGA)

15025 G-VFOX: Virgin Atlantic A340 'silver Lady' 1553 HF DL
Acks part 2 of wx actual for URSS/Sankt Peterburg/Surgut.
(22Aug04) (RGA)

15025 I-LIVA: Livingstone A321 1635 HF DL Logs on to ARINC
Reykjavik. (22Aug04) (RGA)

15025 LX-RCV: CargoLux B747 'City of Schengen' Logs on.
(22Aug04) (RGA)

15025 N76054: Continental B767 1635 HF DL Logs on to ARINC
Reykjavik. (22Aug04) (RGA)

15025 OH-LBX: Finnair B757 Flt AY7773 1612 HF DL Posn report
4450N 02325E to ARINC Reykjavik. (22Aug04) (RGA)

15025 PAC513: Unid Polar Air Cargo Aircraft 1747 HF DL
Reports 45N 08632E. (22Aug04) (RGA)

15025 Qatar Airways QR0043 1608 HF DL/USB [HFNPDU
PERFORMANCE] 16:07:20 UTC Flight ID = QR0043 LAT 51 22 13
N LON 9 7 38 E 23/Aug/2004 (TR)

15025 VP-BDK: Aeroflot A320 Flt SU2459 1558 HF DL Posn 5249N
02442E. (22Aug04) (RGA)

15025 VP-BWI: Aeroflot A320 Flt SU0299 1549 HF DL Logs on to
ARINC Reykjavik. (22Aug04) (RGA)

15025 ZS-SNA: s.African Airways A340 1700 HF DL Logs on.
(22Aug04) (RGA)

15025 ZS-SNF: s.African Airways A340 1806 HF DL Logs on.
(22Aug04) (RGA)

15025.0 Aeroflot SU0105: 0750 HF DL/USB [HFNPDU PERFORMANCE]
07:50:30UTC Flight ID = SU0105 LAT 55 40 25
N LON 32 13 32 E 27/Jun/2004 (TR)

15025.0 Aeroflot SU0105: 0913 HF DL/USB [HFNPDU PERFORMANCE]
09:13:28 UTC Flight ID = SU0105 LAT 52 27 53 N
LON 14 54 50 E 15/Jul/2004 (TR)

15025.0 Aeroflot SU0117 0816 HF DL/USB [HFNPDU PERFORMANCE]
08:16:32 UTC Flight ID = SU0117 LAT 55 11 50
N LON 13 15 35 E 27/Jun/2004 (TR)

15025.0 Aeroflot SU0117: 0907 HF DL/USB [HFNPDU PERFORMANCE]
09:07:36 UTC Flight ID = SU0117 LAT 52 1 17
N LON 7 52 36 E 15/Jul/2004 (TR)

15025.0 Aeroflot SU0121: 0802 HF DL/USB [HFNPDU PERFORMANCE]
08:02:12 UTC Flight ID = SU0121 LAT 53 20 40
N LON 24 21 4 E 27/Jun/2004 (TR)

15025.0 Aeroflot SU0228: 0914 HF DL/USB [HFNPDU PERFORMANCE]
09:14:36 UTC Flight ID = SU0228 LAT 52 22 1
N LON 8 37 48 E 15/Jul/2004 (TR)

15025.0 Aeroflot SU0229: 0703 HF DL/USB [HFNPDU PERFORMANCE]
07:03:02 UTC Flight ID = SU0229 LAT 56 2 46
N LON 37 12 41 E 27/Jun/2004 (TR)

15025.0 Aeroflot SU0265: 0753 HF DL/USB [HFNPDU PERFORMANCE]
07:53:32 UTC Flight ID = SU0265 LAT 53 34 3
N LON 25 2 26 E 27/Jun/2004 (TR)

15025.0 Aeroflot SU0273: 0721 HF DL/USB [HFNPDU PERFORMANCE]
07:21:26 UTC Flight ID = SU0273 LAT 55 4 30
N LON 30 12 46 E 27/Jun/2004 (TR)

15025.0 Aeroflot SU0281: 0759 HF DL/USB [HFNPDU PERFORMANCE]
07:59:18 UTC Flight ID = SU0281 LAT 47 38 3
N LON 20 38 36 E 27/Jun/2004 (TR)

15025.0 Continental CO0041: 0913 HF DL/USB [HFNPDU PERFORMANCE]
09:13:30 UTC Flight ID = CO0041 LAT 45 17 2

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15025.0 N LON 4 28 20 E 15/Jul/2004 (TR)
Continental CO0046: 0700 HFDL/USB [HFNPDU PERFORMANCE]
07:00:16 UTC Flight ID = CO0046 LAT 51 1 48
N LON 29 13 49 W 27/Jun/2004 (TR)

15025.0 Emirates Air UAE201: 0909 HFDL/USB [HFNPDU PERFORMANCE]
09:09:44 UTC Flight ID = UAE201 LAT 50 35 30
N LON 30 40 32 E 15/Jul/2004 (TR)

15025.0 FedEx FX0006: 0941 HFDL/USB [HFNPDU PERFORMANCE]
09:41:42 UTC Flight ID = FX0006 LAT 46 12 11
N LON 60 37 1 W 15/Jul/2004 (TR)

15025.0 Finair AY2740: 0910 HFDL/USB [HFNPDU PERFORMANCE]
09:10:44 UTC Flight ID = AY2740 LAT 39 47 10
N LON 23 19 20 E 15/Jul/2004 (TR)

15025.0 Finair AY8041: 0814 HFDL/USB [HFNPDU PERFORMANCE]
08:14:38 UTC Flight ID = AY8041 LAT 50 59 25
N LON 7 41 54 E 27/Jun/2004 (TR)

15025.0 Finair AY9941: 0943 HFDL/USB [HFNPDU PERFORMANCE]
09:43:54 UTC Flight ID = AY9941 LAT 54 55 50
N LON 9 15 33 W 15/Jul/2004 (TR)

15025.0 H03 Reykjavik: 0917 HFDL/USB [HFNPDU ACARS GND STN]
15/Jul/2004 (TR)

15025.0 Korean Air KE0513: 0908 HFDL/USB [HFNPDU PERFORMANCE]
09:08:46 UTC Flight ID = KE0513 LAT 44 56 25
N LON 27 34 35 E 15/Jul/2004 (TR)

15025.0 Livingston LVG402: 0823 HFDL/USB [HFNPDU PERFORMANCE]
08:23:34 UTC Flight ID = LVG402 LAT 37 15 0
N LON 25 17 26 E 27/Jun/2004 (TR)

15025.0 Lufthansa LH8413: 0716 HFDL/USB [HFNPDU PERFORMANCE]
07:16:36 UTC Flight ID = LH8413 LAT 180 0 0
N LON 180 0 0 E 27/Jun/2004 funny posn indeed!! (TR)

15025.0 Lufthansa LH8418: 0816 HFDL/USB [HFNPDU PERFORMANCE]
08:16:30 UTC Flight ID = LH8418 LAT 47 9 45
N LON 13 0 38 E 27/Jun/2004 (TR)

15025.0 N318UP: UPS B767 UP6753 1647 USB/HFDL rep.pos. to
REYKJAVICK LAT 51 4 55N LON 35 13 53W
(06-07-2004)(MSM)

15025.0 N330UP: UPS B767 Flt UP6727 1659 USB/HFDL rep.pos. to
REYKJAVICK LAT 49 6 19N LON 25 48 33W
(06-07-2004)(MSM)

15025.0 OH-LBV: Finnair B757 AY2366 1708 USB/HFDL rep.pos. to
REYKJAVICK LAT 54 50 10N LON 11 24 29E
(06-07-2004)(MSM)

15025.0 REYKJAVIK: 1520 HFDL work LH8414 VIR251 FIN 225
AS51 AY1885 Jun24 04ML

15025.0 REYKJAVIK: 1755 HFDL AFL584 /AFL257 /AFL231 /AFL225 /
Jul01 04 ML

15025.0 Skywatch (US Army Flight watch Center, Soto Cano AB
Honduras): 1211 USB calling Smasher (Southcom Flight
watch Center, Key West FL) for radio checks w/no
response. 15/09 RP3

15025.0 Smasher (Southcom Flight watch Center, Key West FL):
1442 USB calling Army 146 w/no response. 15/09 RP3

15025.0 Smasher (Southcom Flight watch Center, Key West FL):
1942 USB w/Evergreen 422 (B-747, AMC contract) w/position
report. 08/09 RP3

15025.0 Virgin Atlantic VS0010: 0907 HFDL/USB [HFNPDU
PERFORMANCE]09:07:40 UTC Flight ID = VS0010 LAT 53 1 22
N LON 17 53 1 W 15/Jul/2004 (TR)

15025.0 VP-BAY: Aeroflot B767 Flt SU0576 1700 USB/HFDL
rep.pos. to REYKJAVICK LAT 55 14 48N LON 13 15 21E
(06-07-2004)(MSM)

15028.0 : UNID.UNID UNID J3E/USB 1628 TLF/TFC RUS
DUPLEX (30-Ago) (BC)

15034.0 Trenton Military: 2158 USB w/volmet. 15/09 RP3

15043 IKF: US NAS Keflavik ICE 1201 ALE/USB Sounds. Then calls
HAW/Ascension. ADW/Andrews calls JNR/Puerto Rico. (22Aug04)
(RGA)

15043.0 ICZ : NSY Sigonella.I USN ALE/USB 1824 SOUND .

(26-Ago) (BC)
15043.0 JTY : AIF80 Yokota.J USAF ALE/USB 1800 SOUND .
(26-Ago) (BC)
15043.0 591466: (KC-135 # 59-1466): 1650 USB/ALE TO ICZ (Keflavik)
& HIK (Hikam AFB). Also noted on 11226.0 & 18003.0.
19/07 RP3
15043.0 T49: Unid [TWS] T49 1934 ALE 21-aug-04 (SE)
15091 ADWSPR: USAF Andrews, MD 1324 ALE/USB sounding
(05Sep04)(KB)
15091 AEDSPR: USAF Edwards, CA 1338 ALE/USB sounding
(05Sep04)(KB)
15091 GUASPR: USAF Guam 1218 ALE/USB sounding.
(05Sep04)(KB)
15091 HAWSPR: USAF Ascension 1349 ALE/USB sounding
(05Sep04)(KB)
15091 ICZSPR: USAF Sigonella, I 1313 ALE/USB sounding
(05Sep04)(KB)
15091 IKFSPR: USAF Keflavik, ISL 1337 ALE/USB sound.
(05Sep04)(KB)
15091 JDGSPR: USAF Diego Garcia 1333 ALE/USB sounding
(05Sep04)(KB)
15091 JNRSPR: USAF Salinas, PTR 1308 ALE/USB sounding
(05Sep04)(KB)
15091 OFFSPR: USAF Offutt, NE 1315 ALE/USB sounding (05Sep04)(KB)
15091 PLASPR: USAF Lajes, AZR 1337 ALE/USB sounding (05Sep04)(KB)
15091.0 ADWSPR (Secure Internet Protocol Net node, Andrews AFB):
1547 USB/ALE TO E30352DAT (E-3B AWACS # 77-0352, Tinker AFB).
12/09 RP3
15091.0 JNRSPR: HF-GCS Salinas Puerto Rico 1715 ALE/USB HAWSPR
JTYSR, HIKSPR, JDGSPR (05/09/04) (AJP)
15094.0 KNY90: (SHARES station): 1633 USB/ALE TO KNY82 (SHARES station).
18/08 RP3
15706.0 U.. : UNID.CIS CIS MIL BEE/36-50 50/247 1901 N-D .
(19-Ago) (BC)
15708 FC8FEM: WGY908/US FEMA Region 8 Denver CO 1649 ALE/USB
Sounding. (29Aug04) (RGA)
15737.6 4L.. : Baku.AZB RAILWAYS BAUDOT 50/499 0929 TFC RUS .
(26-Ago) (BC)
15846.0 U.. : UNID.CIS CIS MIL RUS-SYS 75/244 0833 N-D .
(24-Ago) (BC)
15867.0 502: 2018 US Customs 502 (?) calling LNT (?) ALE/USB
30/07(PP1)
15877.0 AMM: British emb. Amman, JOR 1442 USB/ALE snd (21-aug-2004)(MSM)
15899.0 : UNID.UNID UNID FSK 50/850 1801 N-D .
(19-Ago) (BC)
15921 RABAT: French Embassy Rabat, MRC clng CER11 ALE 1551
02-09-04 [sw]. 7747 D09 clg D05 Unid ALE 1903
02-09-04 [sw]
15921.0 CER11 (French MFA, Paris): 1808 USB/ALE TO RABAT (French
Embassy, Morocco). 03/09 RP3
15921.0 CER41: (French MFA, Paris): 2005 USB/ALE TO LECAIRE
(French Embassy Cairo). 16/08 RP3
15932.0 ERMNAT (Brazilian Navy Radio Station, Natal): 2133
USB/ALE TO NEBRSL (Brazilian Navy U-27 "BRASIL").
10/09 RP3
15932.0 ERMNAT: (Brazilian Navy Radio, Natal): 2008
USB/ALE TO NEBRSL (Brazilian Navy Training Frigate
"Brasil", U-27). Also on 19709.0. 10/08 RP3
15932.0 NEBRSL: (Brazilian Navy Training Frigate "Brasil",
U-27): 1014 USB/ALE TO ERMNGD (Brazilian Navy Radio Station,
Rio Grande). 26/07 RP3
15932.0 NEBRSL: (Brazilian Navy Training Frigate "Brasil",
U-27): 1723 USB/ALE TO ERMNAT (Brazilian Navy Radio, Natal).
31/08 RP3
15988.0 DDK7 : Pinnemberg.D METEO BAUDOT 50/450 0606
RY+TEST //11638.0 (18-Ago) (BC)
16014.0 OPTIMISMU: UNID Romanian MIL station, ROU? 0855 USB, voice
traffic to unlocated station, strongfeedback on audio

(31Jul04) (LDO)
16030 9VT: HQ Singapore Navy 1512 ALE/USB Calls 77/Unid.
(24Aug04) (RGA)
16030.0 78: UNID Singapore 1540 USB/ALE to 9VT Ny Singapore
25/Aug/04 (ZE)
16030.0 9VT: Navy Singapore 1510 USB/ALE snd tws 9VT 25/Aug/04 (ZE)
16077 28: Danish Military 1147 ALE/USB Calls 68. (22Aug04) (RGA)
16077.0 G333 (unidentified): 1757 USB/ALE sounding. Also sounding
on 12070.0. 06/09 RP3
16077.0 G333: (unidentified, US Army Corps of Engineers): 1605
USB/ALE sounding. 26/07 RP3
16077.0 G334: (unidentified, US Army Corps of Engineers): 1537 USB/ALE
sounding. 26/07 RP3
16077.0 G336 (Defense Logistics Agency): 1631 USB/ALE sounding.
30/08 RP3
16077.0 G336: (Defense Logistics Agency): 1631 USB/ALE sounding.
30/08 RP3
16077.0 G336: (unidentified): 2255 USB/ALE sounding. 20/07 RP3
16077.0 LRC1: (Great Lakes Division, Chicago IL): 1831 USB/ALE
sounding. 20/07 RP3
16077.0 LRD1: (unidentified, Great Lakes Division): 1252 USB/ALE
sounding. 20/07 RP3
16077.0 LRN1: (Great Lakes Division, Nashville TN): 1804 USB/ALE
sounding. 20/07 RP3
16077.0 MVD1 (US Army Corps of Engineers, Mississippi Valley
Division, Vicksburg MS): 1441 USB/ALE sounding. Also
sounding on 12070.0 & 16326.0. 06/09 RP3
16077.0 MVD1: (Army Corps of Engineers, Mississippi Valley
Division, Vicksburg MS): 1950 USB/ALE sounding. 10/08 RP3
16077.0 MVD1: (Corps of Engineers, Mississippi Valley Div,
Vicksburg MS): 0000 USB/ALE sounding. 21/07 RP3
16077.0 MVD1: (Mississippi Valley Division, Vicksburg MS): 1914
USB/ALE sounding. Also sounding on 16326.0; 16078.5 &
20659.0. 20/07 RP3
16077.0 MVD1: (US Army Corps of Engineers, Mississippi Valley Division,
Vicksburg MS). 19/08 RP3
16133.0 : UNID.UNID UNID ALE/USB 0933 N-D . (27-Ago) (BC)
16134.7 SSE : Cairo.EGY MFA SITOR 100/170 0915 CLG/WKG Praha .
(27-Ago) (BC)
16137 : Dep. of State Comms Moscow. RUS 1054 MFSK-32/CROWD36.
short msg QSY 14568 16235 18454 QRU K to unloc. recipient
(21Aug04) (LDO)
16137.0 no-call: Dep. of State Comms Moscow, RUS 1054 MFSK-32/CROWD36,
short msg "QSY 14568 16235 18454 QRU K" to unloc. recipient
(21Aug04) (LDO)
16144.5 RUH963: (UH-60 1/228th Avn Bn, Soto Cano AB Honduras):
1448 USB/ALE TO SKYWAT (Skywatch-Army Flight Following
Service (AFFS), Soto Cano AB, Honduras). 03/08 RP3
16144.5 SKYWAT (Skywatch, US Army Flight watch, Soto Cano AB
Honduras): 1959 USB/ALE sounding. 03/09 RP3
16144.5 SKYWAT: (Skywatch, US Army Flight center, Soto Cano AB
Honduras): 1918 USB/ALE sounding. Also sounding on 14761.5.
13/08 RP3
16156.7 SSE : Cairo.EGY MFA SITOR 100/170 0951 TFC ARA .
(27-Ago) (BC)
16156.7 SSE.. : Habana.CUB AMB. EGIZIANA SITOR 100/170
1912 WKG Cairo (14446.7) (19-Ago) (BC)
16160.0 LAB: (Rockwell-Collins Integration Lab. France):
1230 USB/ALE=sounding. Also sounding on 10600.0. 06/25 RP3
16180.0 AV3: Chilean Ny 1755 ALE/LSB Also CA2, FR3, HLA,
AV2, APM, TAC, CVF, GRZ, CCC, MXS, G3W, (27/08/04) (AJP)
16181.7 : Unid Egyptian Diplo 1654 ARQ Loud signal. Ends long-
winded telegram to unid in ATU80 then YKS YKS and offair
. (24Aug04) (RGA)
16200 Unid: CIS Navrad 1727 36-50/50/240 //8461 (27/Aug/04) (RH2)
16200.0 U.. : UNID.CIS CIS MIL BEE/36-50 50/250 1604 N-D .
(19-Ago) (BC)
16201.0 FC6: (Communications Manager, FEMA Region 6, Denton TX):

1904 USB/ALE sounding. 26/07 RP3
16215 5115: Unid 1634 ALE/USB Calls 5111. (29Aug04) (RGA)
16221.0 no-call: Dep. of State Comms Moscow, RUS 0752 calling
unlocated embassy using 6-tone alerting device (31Jul04) (LDO)
16304.75 U.. : UNID.CIS CIS MIL CIS 81-81 81/244 0604 N-D .
(18-Ago) (BC)
16316.0 U.. : UNID.CIS CIS MIL BEE/36-50 50/195 1626 N-D .
(30-Ago) (BC)
16331.6 D ; Russian navy Odessa UKR 11:34 A1A cluster beacon
29aug (PPA)
16332 C: MX Beacon Moscow 1656 CW 16332-C/Moscow.
16331.9-S/Arkhangelsk (weak). (29Aug04) (RGA)
16331.8 P: chnl mkr "P" Rus-N 1406 A1A 16-aug-04 (SE)
16333.0 BR1: (Brazilian Army HQs, Brasilia): 2237 USB/ALE TO MS1
(Brazilian Army, Manaus). ALE handshake followed by encrypted
system. 12/08 RP3
16333.0 ES1: (Brazilian Army, Espirito Santo): 2235 USB/ALE TO BR1
(Brazilian Army HQs, Brasilia). 12/08 RP3
16333.0 J21: (unidentified, Brazilian Army): 2240 USB/ALE TO BR1
(HQs, Brazilian Army Brasilia). 09/08 RP3
16333.0 PR1: (Brazilian Army, Parana): 2316 USB/ALE TO BR1
(HQs Brazilian Army, Brasilia). 22/07 RP3
16338.5 F040LN: (Nat'l Guard unit, Florida): 1254 USB/ALE TO
HQ703N (probably Nat'l Guard Readiness Center, Arlington VA).
01/08 RP3
16338.5 HQ7 (Nat'l Guard HQs, Arlington VA): 1612 USB/ALE TO
L060AN (Nat'l Guard unit, Louisiana). 30/08 RP3
16338.5 HQ703N: (possibly HQs, Nat'l Guard Readiness Center, VA):
1220 USB/ALE TO R010IN (Nat'l Guard unit, Rhode Island).
Also noted on 05847.0 & 10816.5. 17/08 RP3
16338.5 HQ703N: (probably Nat'l Guard Readiness Center, Arlington
VA): 1146 USB/ALE TO V030AN (Nat'l Guard unit, Virginia).
Also noted on 08047.0. 01/08 RP3
16338.5 HQ7: (Nat'l Guard HQs, Arlington VA): 1612 USB/ALE TO
L060AN (Nat'l Guard unit, Louisiana). 30/08 RP3
16338.5 O060KN (Nat'l Guard, Oklahoma): 1436 USB/ALE TO HQ703N
(Nat'l Guard HQs, Arlington VA)-- [AMD]TEST TEST TES PLEASE
RESPOND. 12/09 RP3
16338.5 I050LN: (Nat'l Guard SIPR node, Illinois): 1525 USB/ALE TO
HQ703N (Nat'l Guard HQs element, Arlington VA)--[AMD]HQ 703N
SPR MESSAGE RECVD 23AUG. 23/08 RP3
16345.0 BR1(Brazilian Army HQs Brasilia): 2152 USB/ALE TO PR1(Brazilian
Army Parana). 20/09 RP3
16345 OCP: Unid Romanian Embassy 1131 ALE/USB Calls CENTR8/MFA
Bucharest. Call repeated on 16321. (22Aug04) (RGA)
16345.0 @R1 (garbled identifier, Brazilian Army): 2217 USB/ALE
TO BR1 (Hqs, Brazilian Army, Brasilia). 09/09 RP3
16345.0 B21: (unidentified, Brazilian Army): 2247 USB/ALE TO
BR1BR1 (Hqs, Brazilian Army Brasilia). 09/08 RP3
16345.0 BR1: (Hqs, Brazilian Army, Brasilia): 2322 USB/ALE TO
RS1(Brazilian Army, Rio Grande do Sul). 26/07 RP3
16345.0 RS1: (Brazilian Army, Rio do Sul): 2152 USB/ALE TO BR1
(Brazilian Army HQs, Brasilia). Also noted on 14582.0. 12/08 RP3
16345.0 RS1: (Brazilian Army, Rio do Sul): 2248 USB/ALE TO BR1
(Hqs, Brazilian Army Brasilia). 09/08 RP3
16346.6 : Prob MFA Cairo 1658 ARQ SELCALs XBVY/London embassy
then goes offair. Freq 16346.65 (29Aug04) (RGA)
16352.0 : UNID.UNID UNID FSK 50/503 0646 N-D .
(30-Ago) (BC)
16355.0 SARBR (Brazilian Rescue & Coordiantion Center, Brasilia): 2200
USB/ALE sounding. 20/09 RP3
16355.0 SARBR: (Brazilian Search & Rescue): 2353 USB/ALE sounding.
24/08 RP3
16402.0 O/M (Tagalog): 1702 USB w/unheard station. 09/09 RP3
16443.0 : UNID.UNID UNID ALE/USB 0927 SOUND N-D
(26-Ago) (BC)
16444.0 O/M (Greek): 1715 USB w/unheard station. 09/09 RP3
16520.4 VCT: GlobeRadio Tor's Cove NF CAN 1758 GLOBEDATA Idlers.

- (24Aug04) (RGA)
- 16607.0 ERMBEL (Brazilian Navy Radio, Belem): 1642 USB/ALE TO
BTLCMC1(probably Brazilian Navy 1st Marine Inf Bn). 30/08 RP3
- 16607.0 ERMBEL: (Brazilian Navy Radio, Belem): 1642 USB/ALE TO
BTLCMC1(probably Brazilian Navy 1st Marine Inf Bn). 30/08 RP3
- 16607.0 ERMBEL: (Brazilian Navy Radio, Belem): 2049 USB/ALE TO
BTLCMC1 (possible Brazilian Naval Marine Inf unit). 16/08 RP3
- 16607.0 BTLCMC: (probable Brazilian Naval Marine Infantry unit): 1315
USB/ALE TO ERMNAT (Brazilian navy Radio, Natal). 23/08 RP3
- 16788.0 616: unid Indonesian 2233 Mil-Std 188-141A/USB sounding.
(1-Jul-04) (JUM)
- 16803.0 DZX: PNA Manila. PHL 2300 Sitor-Fec 100Bd Manila News
PHILIPPINE NEWS VIA P.C.. MARITIME COMM (29/Jun/04) (KK)
- 16806.0 Unid: CIS Navrad 1656 36-50 50/240 Tx hrd almost
continuously these days! (01/Sep/04) (RH2)
- 16808 : CIS Navrad 1636 36-50/50/250 Crypto //8461.
(25/Aug/04) (RH2)
- 16808.0 U... : UNID.CIS CIS MIL BEE/36-50 50/240 1623 N-D .
(30-Ago) (BC)
- 16808.0 Unid: CIS Navrad 1725 36-50 50/240 Going non-stop for days
now! (11/Sep/04) (RH2)
- 16808: Russian Military 1500 36-50/50/240 Long T600 messages. //
10712. (29Aug04) (RGA)
- 16816.5 NMC: USCG Point Reyes USA 2254 CW Marker (09/08/04) (AJP)
- 16829.5 Arkhangel'sk Radio: 0940 Sitor B news in Latinized Russian
20/08(PP1)
- 16829.5 Arkhangel'sk Radio: 1005 Sitor B news in Latinized Russian
20/08(PP1)
- 16833.5 UIW: KaliningradRadio 1801 FEC Traffic list then
reverts to autotelex in ARQ 'You are 54023 UALU. There
are 2 msg(s) for you' followed by tgms. (24Aug04) (RGA)
- 16879.0 LZW: 67 varna 1228 ARQ end of message Aug29 04 ML
- 16880 XSQ: GuangzhouRadio PRC 1548 ARQ w/Morse ID. Loud.
(29Aug04) (RGA)
- 16886.2 TAH: Istanbul R 1535 cw Marker (31/Aug/04) (RH2)
- 16910.0 slj: unid SWE navy ? 0756 cw cq cq cq de slj slj slj qsx o6 mhz
k
- 24Aug04 (wp3)
- 16912.0 Russian Navy: 1954 T600/36-50 36 bd idle 50 bd traffic
(18/07/04) (AJP)
- 16927 UIW: KaliningradRadio 1805 CW wkg Receiving tgms in RTTY
from UFDR/Olshana prompting in CW. (24Aug04) (RGA)
- 16927.0 UIW : Kaliningrad.RUS RADIO CW 1607 CQ DE .
(19-Ago) (BC)
- 16927.0 Kaliningrad Radio: 1015 RTTY 50/170 news 20/08 (PP1)
- 16953.0 Arg Ny: 1622 USB SS Traffic w/unid stn "SHIP and 5 num.
code" (15/07/04) (AJP)
- 16960.8 : Russian Military 1551 36-50/50/180 T600 messages.
Unusual offset. (29Aug04) (RGA)
- 16961.5 FUF: FN Fort de France MRT 1808 RTTY/75/850 Test idlers.
//12666.5 (24Aug04) (RGA)
- 16962.0 FUF (French Navy, Fort de France): 2040 RTTY 75/850 w/test
tape. Also noted on 13031.6. 14/09 RP3
- 16968.2 : NATO Modem 1554 STANAG-4285/600/L/USB Continuous
enciphered data. Good synch. (29Aug04) (RGA)
- 16976.0 PWZ-33: BN Rio 1845 RTTY 75/850 WX report and navwaring in
EE and PP (15/07/04) (AJP)
- 16984.0 PWZ-33: BN Rio de Janeiro 2004 PACTOR "de CENHID para
CEDMAR" then wx (04/07/04) (AJP)
- 16986.4 CTP (Portuguese Navy): 2044 RTTY 75/850 w/NAWS tape.
14/09 RP3
- 16986.5 CTP (Portuguese Navy): 1718 RTTY 75/850 w/NAWS tape.
09/09 RP3
- 16986.5 CTP: NATO Lisbon 1628 RTTY/75/850 NAWS de CTP etc.
(25/Aug/04) (RH2)
- 17010.0 ERMBEL: BN Belem 1530 ALE/USB Clg NDC and NDCCMM
(24/07/04) (AJP)
- 17010.0 ERMSAL (Brazilian Navy Radio, salvador): 1729 USB/ALE TO

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FRADEM (Brazilian Navy Frigate "Rademaker", F-49).
 03/09 RP3
 17010.0 NDCCMM: (Brazilian Navy Large landing ship, "Mattoso Maia", G-28): 0643 USB/ALE TO ERMBEL (Brazilian Navy Radio Station, Belem). 20/07 RP3
 17010.0 NDCCMM: (Large landing ship. Mattoso Maia. G-28): 0100 USB/ALE TO=ERMBEL (Brazilian Navy Radio Station. Belem). 06/25 RP3
 17010.0 FBOSIS (Brazilian Navy Frigate "Bosisio", F-48): 2338 USB/ALE TO ERMRI (Brazilian Navy Radio Station, Rio de Janeiro). 20/09 RP3
 17069.5 JJC: kyodo tokyo 1615 fax japanese news AUG17 04 ML
 17069.6 JJC: Kyodo Press Tokyo 1630 FAX/60/576 Japanese text with N & E geographical coordinates. (29Aug04) (RGA)
 17082.2 : NATO Modem 1834 STANAG-4285/2400/USB Data rate 600 long interleave. Continuous encrypted traffic. (24Aug04) (RGA)
 17130.0 HLW: Seoul R 0010 CW CQ de HLW... (10/08/04) (AJP)
 17146.3 CBV: CN Valparaiso 1145 fax 120/576 Satpix - v. feint! (01/Sep/04) (RH2)
 17146.4 CBV: Playa Ancha Radio 1956 FAX 120 WX //8677 (04/07/04) (AJP)
 17146.6 CBV : Valparaiso.CHL RADIO FAX 120/576 2205.2220 CDT 'CARTA DE SUPERFICE' (22-Ago) (BC)
 17147 URL: SevastopolRadio UKR 1637 CW QSX marker. (24Aug04) (RGA)
 17147 URL: SevastopolRadio UKR 1640 CW Sends tgm to ship 3F??5 in fast Morse: 'fm Sevastopolx 2902 24 19/8 1514 = tr palana egorowu wiktoru = Lubityj dorogoj papooka ...' Then into CQ marker. (29Aug04) (RGA)
 17176.0 RFFMEA : FUG La Regine.F FN BAUDOT 75/850 1619 RY+TEST/CLG FAAA . (30-Ago) (BC)
 17180 RFFMEA: NAVITER France Sud Saissac 1811 RTTY/75/850 Tests to warships. (24Aug04) (RGA)
 17180.0 RFFMEA : FUG La Regine.F FN BAUDOT 75/850 1639 RY+TEST/CLG FAAA . (10-Ago) (BC)
 17247.0 Sevastopol: 1015 Sevastopol R CW "de url" 20/08 (PP1)
 17308 UTQ: KievRadio UKR 1645 USB Connects unid ship to shore telephone. (29Aug04) (RGA)
 17326 SVO: OlympiaRadio Athens 1646 USB standard YL call tape in EE and Greek. Changes to 17359. Then OM asks 'who is calling OlympiaRadio?' in EE and Greek. (29Aug04) (RGA)
 17326.0 SVO : Athinai.GRC RADIO J3E/USB 1851 V-M 'OLIMPIA RADIO' (19-Ago) (BC)
 17350.0 : UNID.UNID UNID J3E/USB 1913 TFC SPA SIMPLEX (20-Ago) (BC)
 17401.5 Unid: RN/NATO 1715 RTTY/75/850 Fast idle only. no crypto. (27/Aug/04) (RH2)
 17458.5 CLS: (Ft Campbell KY): 1800 USB/ALE sounding. 22/07 RP3
 17468.0 RIW: Rus-N HQ clg warship "rgv82 de riw qyt qsx 21 4 8 3 / 21 4 83 k" 1238 A1A 20-aug-04 (SE)
 17976.0 plaspr : USAF Lajes 1639 USB/ALE 17Aug04 (wp3)
 17928.0 ---: Arinc 06 Hat Yai THA 1400 HF DL Squitters (15/08/04) (AJP)
 17931.0 Holloway: Ethiopian airlines LDOC Addis abeba ETH 16:20 J3E/USB working Ethiopian 876 29aug (PPA)
 17946.0 89-1190: 1747 USB MWARA NAT-A/D/E/F, Reach 89-1190, selcalCFQR, working New York with posn, wx, fuel status and selcal check 23/Aug/2004 (TR)
 17946.0 N958DL: 1754 USB MWARA NAT-A/D/E/F, Delta N691AA, selcal GJRS, working New York with posn, wx and fuel status, requesting new flightlevel 360, New York refuses and advises to maintain F330 23/Aug/2004 (TR)
 17946 89-1190 1747 USB MWARA NAT-A/D/E/F. Reach 89-1190. selcal CFQR.working New York with posn. wx. fuel status and selcal check 23/Aug/2004 (TR)

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17946 N958DL 1754 USB MWARA NAT-A/D/E/F. Delta N691AA. selcal GJRS.working New York with posn. wx and fuel status. requesting new flightlevel 360. New York refuses and advises to maintain F330 23/Aug/2004 (TR)

17952 NEW YORK: NY Radio 1618 USB OM working AMERICAN 69 AIR FRANCE 422 and other aircraft. (24Aug04) (RGA)

17967.0 ---: ARINC-15 Bahrain 1830 HFDL Al-Muharraq. Squitters (21/08/04) (AJP)

17976.0 ikfspr : USAF Keflavik 1344 USB/ALE US Air Force:Keflavik, Iceland 17Aug04 (wp3)

17976.0 jdgspr : USAF Diego Garcia AB 1639 USB/ALE 17Aug04 (wp3)

17976.0 JDGSPR: USAF DiegoGarcia Secret(secure) Internet Protocol Router Gateway 1521 USB/ALE snd (21-aug-2004)(MSM)

17976.0 jtyspr : USAF Yakota AB 1639 USB/ALE US Air Force:SIPRNET Gateway, Yakota Air Base 17Aug04 (wp3)

17976 IKFSPR: US GHFS SIPRNet Stn Keflkavik ICE 1618 ALE/USB Sounding. (29Aug04) (RGA)

17976.0 CROSPR (Croughton SIPR-net node): 1255 USB/ALE soudning. Lajes SIPR-net node also noted on this freq. 08/09 RP3

17976.0 JTYSPR: Yokota SIPRNET Node 2224 Mil-Std 188-141A/USB sounding. (1-Jul-04) (JUM)

17982.0 HERMES: (HQs, Brazilian Air Force): 2238 USB/ALE sounding. 24/08 RP3

17982.0 OMEGA (unidentified, Brazilian Air Force): 2339 USB/ALE sounding. 06/09 RP3

17982.0 Aircraft (O/M Portuguese): 1514 USB w/unidentified ground station passing itinerary which includes Boa Vista and Brasilia. Carrying 34 passengers. Brazilian Air Force. 15/09 RP3

17982.0 Brazilian Air Force aircraft 51 (O/M Portuguese): 2110 USB w/unidentified ground station (O/M Portuguese) passing flight route information and ETAs for Boa Vista, Campo Grande and Manaus. wants info relayed to BIS (Bravo India Sierra). 15/09 RP3

17982.0 CERRADO (probably Brazilian Air Force): 2017 USB/ALE sounding. 15/09 RP3

17982.0 CERRADO (probably Comando Geral do Ar (Brazilian Air Force Flight Operations): 2126 USB/ALE sounding. 14/09 RP3

17982.0 CERRADO (unidentified, Brazilian Air Force): 2053 USB/ALE sounding. 06/09 RP3

17982.0 CERRADO (unidentified, Brazilian Air Force): 2149 USB/ALE sounding. 07/09 RP3

17982.0 Manaus (Brazilian Air Force, O/M Portuguese): 1227 USB w/aircraft 707 (O/M Portuguese) w/radio checks. 08/09 RP3

17982.0 RDFEN: (unidentified, probable Brazilian Air Force): 2136 USB/ALE sounding. 19/07 RP3

17982.0 SA4 (unidentified SAR unit): 2153 USB/ALE sounding. ALE followed by station 4 (O/M Portuguese) calling unidentified station w/no response. 14/09 RP3

17982.0 SARRF (Brazilian Rescue Coordination Center (RCC), Recife): 2116 USB/ALE TO ORUNGAN (Brazilian Air Force, 1/7 Sqdn, Bahia (Salvador)). 14/09 RP3

17982.0 SARRF (Brazilian Rescue Coordination Center (RCC), Recife): 2130 USB/ALE TO CAPATAZ (unidentiifed, probable Brazilian Air Force). 14/09 RP3

17984.3 O/M (SS): 1317 USB w/unheard station. 08/09 RP3

18003.0 140067: (C-5 #84-0067): 1944 USB/ALE LINKED. 19/07 RP3

18003.0 290167: (C-17 # 99-0167): 1914 USB/ALE TO 200174 (C-17 # 00-0174). 19/07 RP3

18003.0 420191: (KC-10 # 82-0191): 1458 USB/ALE TO IKF (Keflavik). Also noted on 13215.0. 19/07 RP3

18003.0 571482: (KC-135 # 57-1482): 1459 USB/ALE sounding. 17/07 RP3

18003.0 580065: (KC-135 # 58-0065): 1531 USB/ALE sounding. 19/07 RP3

18003.0 591505: (KC-135 # 59-1505): 1609 USB/ALE sounding. 19/07 RP3

18003.0 ADW: (Andrews AFB): 1707 USB/ALE TO 290064 (C-17 #

99-0064). 17/07 RP3
18003.0 AF7: (C-20C #86-0403 99th AS Andrews AFB): 1137 USB/ALE sounding. Sounding throughout most of the day. Noted on 09025.0; 11226.0; 11250.0; 13215.0; and 20631.0. 16/07 RP3
18018.0 Architect (RAF Flight watch): 1230 USB w/airfield color states. 15/09 RP3
18018.0 Architect (RAF Flight watch): 1700 USB w/airfield wx report. At 1730 w/airfield color states. 09/09 RP3
18018.0 Architect (RAF Flight watch): 1930 USB w/RAF airfield color state report for "Celebrity". 08/09 RP3
18033.0 Station 40 (Y/L SS): 1940 LSB w/station 41 (unheard) passing series of numbers. 15/09 RP3
18128.5 Japanese Fisheries: 2232 8FSK Modem 200/2100. Intruder in amateur bands. (1-Jul-04) (JUM)
18183.40 7RY60 : Brazzaville.COG AMB. ALGERINA COQUELET-8 13.3 0948 TFC FRA . (26-Ago) (BC)
18211.5 Globe wireless Guam: 2237 GW Modem. QSX: 18193.0. (1-Jul-04) (JUM)
18220.0 JMH5: AWPN, Tokyo, J, 1040, FAX 120/576, meteo charts, 19/8/2004 (CK)
18226.7 Unid: MFA Cairo 0630 arq Tfc/AA (09/Sep/04) (RH2)
18247.0 no-call: Dep. of State Comms Moscow, RUS 0824 MFSK-32/CROWD36 tfc. to UNID embassy on link 00063, offline crypto not spaced as 5 LGs (31Jul04) (LDO)
18257.0 1349: Egyptian Border Guard 1832 USB/ALE calls 1356+voice comms(20-06-2004)(MSM)
18257.0 1302: unid EGY border guards? 1443 USB/ALE calls 1209 (21-aug-2004)(MSM)
18326.7 MFA Kairo: 1509 sitor-a weak signal tfc to unid emb. then selcall
18261.0 tvvx 17Aug04 (wp3)
18261.0 GYA: RN Northwood, G, 1550, FAX 120/576, meteo charts (Middle East area), 15/8/2004 (CK)
18365 : NATO Modem 1610 STANAG-4285/2400/USB Data rate 600. Other parameters undetermined. Weak synch. 19216.7 RFLI: FN Fort de France MRT 1604 ARQ-E3/100/390 No traffic in 2 hours. (24Aug04) (RGA)
18415.0 8BY: (FR Intell): 1555 CW w/8BY 8BY 364 / 523 / 872 / 663 / 121. 13/08 RP3
18415.0 8BY: French Intel: 1853 CW VVV de 8BY (17/07/04) (AJP)
18480 OLZ69: Czech Embassy Cairo 1438 ALE/USB Sounding. (24Aug04) (RGA)
18480.0 OLZ69: Czech Emb Cairo 1004 USB/ALE snd tws OLZ69 25/Aug/04 (ZE)
18506.0 no-call: Dep. of State Comms Moscow, RUS 0816 MFSK-32/CROWD36 tfc. to UNID embassy on link 60047, offline crypto not spaced as 5 LGs (31Jul04) (LDO)
18571.5 Unid: MFA Tunis 1540 fec Opchat/FF + QRX BCX A VOUS etc (31/Aug/04) (RH2)
18594.0 PAC: (CamsPac Point Reyes CA): 1528 USB/ALE TO 703 (HC-130H7 CGAS Barbers Point). 13/08 RP3
18600.0 Russian Navy: 2242 36-50 50/250 (1-Jul-04) (JUM)
18605.0 OLZ84: unid Czech Emb. 1529 USB/ALE snd (21-aug-2004)(MSM)
18617.0 AFA2CU: (Melbourne FL): 2020z USB wkg PACER 41 (C-21A LearJet) in ph patch to base at 709/576-xxxx re dep from Sondrestrom AB Greenland, en route to Wright-Patterson AFB. This is only the second time that I have heard a QSY to
18617 from MARS 13927. (10/Aug/2004) (ALS)
18666 AN1: FBI Anchorage AK 1350 ALE/USB Sounds. (25Aug04) (CC)
18666 OM1: FBI Omaha NE 1347 ALE/USB Sounds. (25Aug04) (CC)
18666 WFI: FBI Washington DC 1345 ALE/USB Sounds followed by a radio check 123. (25Aug04) (CC)
18757 RFGW: MFA Paris 1730 FEC-A 192/400 Idling for ages. Prob clg N2G. (25/Aug/04) (RH2)
18757.0 RFGW: MFA Paris 0635 fec-a 192/400 5LG (11/Sep/RH2)
18788.9 british mil cyp: ? 1541 unid/195,28 3*200 30Aug04 (wp3)
18864.0 E04: Cherry Ripe Numbers Station 2200 USB id: 24369 and tune. (1-Jul-04) (JUM)

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18864.0 E04: Cherry Ripe, 22:32 USB - Messages with numbers -
Very poor RX 05/08 (SP1)

18871.7 odessa beacon "D" 1919 CW Sep07 04 ML

18879.5 Unid: 1800 Piccolo 6 1 ch Picollo idle. 2 ch Picollo 6
tones traffic off at 1808z (10/06/04) (AJP)

18966.7 FF Papette; 1906 ARQ-E3 96/425 (04/07/04) (AJP)

19036.4 ---: ALGERIAN EMB DAKAR 1238 COQ8 26.7/190 Senegalaise
presse review in FF to Algiers (15/Sep)(DW)

19036.4 ---: ALGERIAN EMB DAR ES SALAAM 1257 COQ8 13.3/190 Tfc in
FF (15/Sep)(DW)

19103.5 SKYWAT (Skywatch. US Army Flight watch. Soto Cano AB
Honduras): 2058 USB/ALE sounding. 30/08 RP3

19200.0 64B: (LSM "Los Llanos", T-64, Venezuelan Navy): 2121 USB/ALE TO
T63 (LSM "Gojaira"). 18/08 RP3

19200.0 T81: (Replenishment Oiler " Ciudad Bolivar"): 2033 USB/ALE TO
CGA
(Hqs, Venezuelan Navy). 18/08 RP3

19200.0 61B: (Venezuelan Navy LST "Capana" T-61): 1637 USB/ALE TO
G12 (Venezuelan Coast Guard Frigate " General Jose Trinidad
Moran" GC-12). 13/08 RP3

19200.0 61B: (Venezuelan Navy LST "Capana" T-61): 1839 USB/ALE TO
DHN (Venezuelan Navy's Direccion de Hidrografia y Navegacion).
13/08 RP3

19200.0 64B: Venezuelan Ny 1803 ALE/USB clg CGA, BNA, BNF,
(12/07/04) (AJP)

19200.0 BNA: (Venezuelan Naval Base "Amario"): 2302 USB/ALE TO DHN
(unidentified, possible Venezuelan Navy). Also noted on 08500.0
& 09190.0. 21/07 RP3

19200.0 BNA: (Venezuelan Navy Base "Amario"): 1100 USB/ALE TO 21B
(Frigate "Mariscal Sucre", F-21). 13/08 RP3

19200.0 BNA: (Venezuelan Navy Base "Amario"): 2130 USB/ALE TO
T81 (Oiler "Ciudad Bolivar" T-81). 10/08 RP3

19200.0 BNG (Venezuelan Navy Base "Guitierrez"): 2043 USB/ALE TO
BNF (Venezuelan Navy Base "Falcon"). 08/09 RP3

19200.0 CGA (Venezuelan Navy Hqs): 2031 USB/ALE TO BNA (Venezuelan
Navy Base "Amario"). 08/09 RP3

19200.0 PR1: (River Patrol Craft "Lago1", PBR-1): 0555 USB/ALE TO
CGA (Hqs, Venezuelan Navy). 20/07 RP3

19200.0 PR4: (River Patrol Craft "Lago 4" PBR-4): 1113 USB/ALE TO
BNA (Naval Base "Amario"). 20/07 RP3

19200.0 PR4: (River Patrol Craft "Lago 4" PBR-4, Venezuelan Navy):
1229 USB/ALE TO BNF (Naval Base "Falcon) & BNA (Naval Base
"Amario"). 19/07 RP3

19207.0 616: unid Indonesian 2146 Mil-std 188-141A/USB sounding.
Also 055 sounding at 2212. (1-Jul-04) (JUM)

19210.0 U.. : UNID.CIS CIS MIL BEE/36-50 50/248 0851 N-D .
(24-Ago) (BC)

19216.7 FF Fort de France: 1430 ARQ-E3 FSK 96/400 (17/07/04) (AJP)

19216.7 FF Fort de France: 1733 ARQ-E3 (02/07/04) (AJP)

19304.0 rit : rus Navy Baltic Fleet 1123 cw vvv rmzw rmzw de
rit rit qsa ? k later: vvv ral46 ral46 ral46 de rit rit qsa ?
then 4fg tfc to ral46 07Sep04 (wp3)

19309.0 055: unid Indonesian 2147 Mil-std 188-141A/USB sounding.
(1-Jul-04) (JUM)

19600.0 BABANUSA: UNJLC OPS Al Babanusa, SDN 1636 USB/ MIL-STD
188-141A, sounding (11Sep04) (LDO)

19600.0 DMAZIN: UNJLC OPS Ed Damazin, SDN 1000 USB/MIL- STD
188-141A, calling NYALA2 (11Sep04) (LDO)

19600.0 GADAREF: UNJLC OPS Gedaref, SDN 1630 USB/MIL-STD 188-141A,
sounding (11Sep04) (LDO)

19600.0 MADANI: UNJLC OPS wad Madani, SDN 0847 USB/MIL- STD
188-141A, calling NYALA2 (11Sep04) (LDO)

19600.0 SHENDI: UNJLC OPS Shendi, SDN 1204 USB/MIL-STD 188-141A,
calling NYALA4 (11Sep04) (LDO)

19602.0 AAA: UNID Israeli AF ground station, ISR 1345 USB/MIL-STD
188-141A, sounding (11Sep04) (LDO)

19688.0 U... : UNID.CIS CIS MIL BEE/36-50 50/200 1603 N-D .
(30-Ago) (BC)

19707.0 PWZ-33: BN Rio de Janeiro 1755 PACTOR wx report and internal traffic (03/07/04)(AJP)

19709 NEBRSL: Bra-N Training Ship "Brasil" clg ERMNAT ALE 1252 11-09-04 [sw]

19709.0 ERMRIO (Brazilian Navy Radio, Rio de Janeiro): 2037 USB/ALE TO NTMRJO (Brazilian Navy Oiler "Marajo", G-27 (Navios-Tanque)). 09/09 RP3

19709.0 ERMRIO (Brazilian Navy Radio, Rio de Janeiro): 2111 USB/ALE TO FLIBER (Brazilian Navy Frigate F-43 "Liberal"). 10/09 RP3

19709.0 ERMRIO: (Brazilian Navy Radio, Rio de Janeiro): 2203 USB/ALE TO FLIBER (Brazilian Navy Frigate "Liberal" F-43). 31/08 RP3

19709.0 NEBRSL (Brazilian Navy Training Frigate "Brasil" U-27): 1941 USB/ALE TO ERMNAT (Brazilian Navy Radio, Natal)-[AMD] FAXDATA CK. ALE handshake followed by encrypted data signal. Also noted on 15932.0. 09/09

19722.0 616: unid Indonesian 2127 Mil-std 188-141A/USB sounding. (1-Jul-04) (JUM)

19814.0 022NHQCAP: (Civil Air Patrol Nat'l Ops Center, Maxwell AFB AL): 2043 USB/ALE sounding. 31/08 RP3

19814.0 037RMRCAP (Civil Air Patrol, Rocky Mountain Region): 1856 USB/ALE sounding. 08/09 RP3

19844.0 055: unid Indonesian 2128 Mil-Std 188-141A/USB sounding. Also 369 sounding at 2223. (1-Jul-04) (JUM)

20047.7 D : Odessa.UKR CISN BEACON CW 1548 QRA . (30-Ago) (BC)

20047.7 "D": : rus navy odessa 1050 cw 31Aug04 (wp3)

20047.8 P : Kalinigrad.RUS CISN BEACON CW 1548 QRA . (30-Ago) (BC)

20047.9 S : Arkhangelsk.RUS CISN BEACON CW 1548 QRA . (30-Ago) (BC)

20048.0 "C": : rus navy Moscow 1051 cw 31Aug04 (wp3)

20197.0 055: unid prob. Algerian Diplo/some say it's an E.Asia net 1700 USB/ALE (21062004)(MSM)

20197.0 369: unid prob. Algerian Diplo/some say it's an E.Asia net 1700 USB/ALE (21-06-2004)(MSM)

20276.0 548: Unid 2030 USB SS Possible Argentines UN peacekeepers in Kosovo. Family traffic and pp. w/ "Cabecera" (15/07/04)(AJP)

20307.0 055: unid Indonesian 2227 Mil-Std 188-141A/USB sounding. (1-Jul-04) (JUM)

20400.0 BNARCO (Commander, Venezuelan Navy Base "Amaro"): 1119 USB/ALE TO BRION (Frigate, "Almirante Brion", F-22). 08/09 RP3

20425.0 GAO: Algerian Consulate Gao Mali 13233 USB/ALE Calls MAE/MFA Algiers (21-aug-2004)(MSM)

20438 055: Unid 1337 ALE/USB Sounding. Also on 17198. (24Aug04) (RGA)

20438.0 616: unid Indonesian 2130 Mil-Std 188-141A/USB sounding. (1-Jul-04) (JUM)

20455.0 olz84: : MFA Prag 1633 MIL-STD 188/141A THIS WAS: OLZ THIS WAS:OLZ84 30Aug04 (wp3)

20455.0 OLZ84: Czech Emb Paris 1025 USB/ALE snd tws OLZ84 07/Aug/04 (ZE)

20535.0 BR1 : PWX Brasilia.B BN ALE/USB 1818 CLG CE1 . (27-Ago) (BC)

20602.0 AMM: British emb. Amman, JOR 1443 USB/ALE snd (21-aug-2004)(MSM)

20631.0 430081: (KC-10 # 83-0081): 1226 USB/ALE sounding. Also sounding on 07632.0 & 23337.0. 16/07 RP3

20659.0 CGQ1: (HQs, wash DC): 1414 USB/ALE sounding. 20/07 RP3

20659.0 G334: (Unidentified): 1337 USB/ALE sounding. 20/07 RP3

20659.0 G336: (unidentified Army Corps of Engineers): 0003 USB/ALE sounding. 21/07 RP3

20659.0 MVD1: (Corps of Engineers, Mississippi valley Division, Vicksburg MS): 1507 USB/ALE sounding. Also noted sounding on 16077.0. 26/07 RP3

20659.0 MVD1: (USD Army Corps of Engineers, Mississippi valley Division, Vicksburg MS): 1849 USB/ALE sounding. 22/07 RP3

20801.5 mb1tbi: : ICRC Tbilisi 1143 pactor II got only call 29Aug04 (wp3)

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- 20906.0 A090ZN: (Nat'l Guard, Arizona): 0326 USB/ALE TO H090IN (Nat'l Guard, Hawaii). Also noted on 10816.5; 14653.0; and 16338.5. 05/08 RP3
- 20906.0 F040LN: (NG 44th WMD CST, Florida): 1932 USB/ALE TO PMTRACS (Program Manager for Tactical Radio Communications Systems). Also noted on 14653.0. 26/07 RP3
- 20906.0 N010HN: (Nat'l Guard unit, New Hampshire): 1912 USB/ALE TO HQ702N (unid Nat'l Guard HQs unit, Arlington VA). 31/08 RP3
- 20981.7 Parep Manila: 1035 sitor-a from : ~parep manila to: foreign islamabad repeated to parep un new york (fgn pl. pa 30Aug04 (wp3)
- 21858.7 MFA Kairo: 1044 sitor-a tfc to unid emb. huxd yks yks then :kkvz 30Aug04 (wp3)
- 21866.0 E04: Cherry Ripe Numbers Station 0001 USB id: 68984 and tune. Also on 18865. (2-Jul-04) (JUM)
- 21866.0 E04: Cherry Ripe Numbers Station 2300 USB id: 17166 and tune. Also on 18864. (1-Jul-04) (JUM)
- 21867.0 AMM: British emb. Amman, JOR 1420 USB/ALE snd(21-aug-2004) (MSM)
- 22168 BTLCMC1: Prob Brazilian Marine Forces Unit 2042 ALE/USB To ERMNAT/Brazilian Navy Natal. (25Aug04) (CC)
- 22168 ERMBEL: Brazilian Navy Belem. Brazil 2005 ALE/USB sounding. (25Aug04) (CC)
- 22168.0 ERMBEL (Brazilian Navy Radio, Belem): 1840 USB/ALE TO BTLCMC1 (Brazilian Marine Special Forces Bn). Also noted on 14780.0; 16607.0; 17010.0 & 22168.0. 09/09 RP3
- 22186.0 055: unid Indonesian 2143 Mil-Std 188-141A/USB sounding. (1-Jul-04) (JUM)
- 22413 Unid: CIS Navrad 1135 36-50/50/245 (28/Aug/04) (RH2)
- 22537.0 FUF (French Navy, Fort-de-France): 1300 RTTY 75/850 w/test tape. 08/09 RP3
- 22537.5 FUF: (FR Navy, Fort-de-France): 1545 RTTY 75bd/850Hz w/test tape. 13/08 RP3
- 22575.5 PKX (Jakarta Radio): 1440 CW w/call tape. 09/09 RP3
- 22723.0 O/M (Tagalog): 1444 USB w/O/M (Tagalog). 09/09 RP3
- 23428.0 055: unid Indonesian 2225 Mil-Std 188-141A/USB sounding. (1-Jul-04) (JUM)
- 23462.0 Unid: Greek Network, USB 12:15 utc Traffic in greek 04/08 (SP1)
- 23471.0 055: unid Indonesian 2144 Mil-Std 188-141A/USB sounding. (1-Jul-04) (JUM)
- 25301.0 BUJUMBURA: French Embassy Bujumbura, Burundi 14:42 USB/ALE Sounding TIS BUJUMBURA to ADDISBEBA 14/08/04 (SP1)
- 25301.0 CER11: MFA Paris, France 11:16 USB/ALE Sounding TIS CER11 to RABAT 14/08/04 (SP1)
- 25301.0 RABAT: French Embassy Rabat, Morocco 10:31 USB/ALE Sounding TIS RABAT to CER11 14/08/04 (SP1)
- 25301.0 KHARTOUM: French Emb. Khartoum (SUD) 1458 USB/ALE calls FRA EMB BUJUMBURA which respons (21-aug-2004) (MSM)
- 27870.0 HAWSPR: USAF Ascension Island Secret Internet Protocol Router Gateway 1449 USB/ALE snd (21-aug-2004) (MSM)
- 27870 CROSPR: USAF Croughton UK 1950 ALE/USB Sounds. (25Aug04) (CC)
- 27870 HAWSPR: USAF Wideawake AFB Scope Command Ascension Island 1939 ALE/USB Sounds. (25Aug04) (CC)
- 27870 IKFSPR: USNAS Keflavik Iceland 1945 ALE/USB Sounds. (25Aug04) (CC)
- 27870 JNRSPR: USAF Scope Command Salinas PR Scope Command 1850 ALE/USB Sounds. (25Aug04) (CC)

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<p>\\\ \ \ \ \ WORLDWIDE UTE NEWS Club // // // //</p> <p>\\\ \ \ \ \ An Electronic Club Dealing Exclusively in Utility Stations // // // //</p> <p>\\\ \ \ \ \ WUNNEWS Vol 10: Issue 10, October 2004 // // // //</p>
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>From your Electronic Editor:

* Welcome to another issue of the single largest source of utility station information and the most widely quoted utility station publication in the world...the WUN Newsletter.

You will find a somewhat shorter Newsletter than usual this month. The Aero and Nautical News Columns continue to be absent - because still no-one has come forward volunteering to take over editing these Columns. Come on guys, surely someone out there is willing to take these on (full training and support given!!).

Pressure of work (and editing the new WUN CD - see below) has prevented Ary from producing his Columns this month too. However, a volunteer came forward and has produced the N&O Column this month. Thank you Jochen!

And now for the good news!! Having prepared the above, Robert Maskill has just told me that he is now able to continue editing the NN Column. Thank you Robert and welcome back! We look forward to your future Columns. However, Robert, and all the other editors, cannot produce their Columns without your, the members, support. Please let them have your contributions!!!

Which leaves the Aero Column!?!??? who is going to step forward please?

WHAT'S INSIDE:

- o Wun Utility Guide by Ary Boender
- o Digital Review by Day Watson
- o Military/Government Channel Designator List by Larry van Horn
- o Numbers & Oddities by Jochen Schafer
- o WUN Logs Column by Eddie Bellerby & TEAM LOGS

WUN's UTILITY GUIDE #3

"Slowly but surely we're getting there..." That's what I said a couple of months ago. Now I can say "we're almost there!!!" Yes folks, the new WUN CD is almost finished!

During the past few months I have listened to over 1200 sound samples and selected and edited some 700 of them for the CD. I have edited almost 600 images and 160 text files. It was a very time consuming job, but it was a nice job, yet I am glad that it is finished :-)

BTW, did you know that we have included some 270.000 logs on the CD?

Because the CD marks the 10th anniversary of WUN, we have put historic material on the CD as well.

We're currently working on the HTML coding. The designs of the label and the new WUN logo are also ready.

We are still on schedule for a release in the first half of December, so tell Santa that you want a WUN CD for Christmas :-)

Ary Boender

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01001011111000010001010100110011000011101100010# COLUMN #110001
110001101010010101001010100100100001110110000101100101001101011000

- Editor: Day Watson E-mail: jdwatson@blueyonder.co.uk
- Nickname on IRC channel #monitor Dayw

Hi digi WUNners

The menu	
Aero	ARINC Canaries on air Updating PC-HFDL with ARINC Canaries frequencies
Maritime	Turkish NAVTEX on 490/4902.5 kHz
Met	METOC Halifax fleet FAX broadcast Northwood spur on 8949 USCG Pt. Reyes FAX frequency change
Military	UNID CARB signing INV
TechiTips	Unstable software tools

>>....Aero.....>

::: ARINC Canaries on air

This month has finally seen the long awaited ARINC HFDL node constructed and on the air. It uses the ID 17.

WUN-v10

The frequency list assigned for this station is reported as being (/usb)
2905 5589 6529 8948 11348 13303 17928 21955

Operation to date (22nd Oct) seemed to be limited to one frequency - with two from 25th during daylight (8948, 21955).

As yet no press announcement seems to have been made on the ARINC website.

::: Updating PC-HFDL with ARINC Canaries frequencies

There has been discussion on the list vis-a-vis getting the frequencies assigned to the Canaries to display in individual WUNner's PC-HFDL.

This was discussed in the May02 issue of this Column in a series (Apr02-Jun02) entitled "Interpreting PC-HFDL displays". The following extract should give you the background knowledge:

"Note that the System Table, like the SPDUs, are always transmitted at 300 bps.

If one has the freebie version of PC-HFDL frequencies are displayed as numbers (range 1-20). The registered commercial version displays these as actual frequencies, provided the file PCHFDL.dat exists in the subfolder \PC-HFDL\configs. PC-HFDL creates this file (or updates it) automatically on receipt of a System Table HFNPDU.

A ground station may broadcast a new table at any time. Alternatively the Table may be requested by an individual aircraft. Even if this is the case the response by the ground station is that of providing an all-station broadcast.

If the monitor is not "on-air" during such a broadcast (there may be long periods (days/weeks) between updates then a short flurry of activity on this front) this creation or update will not occur. The alternative is for he/she to obtain a copy from another PC-HFDL (registered) user.

Finally do not try to amend this file - it is in a binary format. Just overwrite it with a later copy."

Drop an email if you know of any other HFDL decoder which makes use of off-air updating of the System Table.

>>...Maritime.....>

::: Turkish NAVTEX on 490/4902.5 kHz

Thanks to wolfgang PalMBERGER for the heads-up on the new service to the maritime community being provided by the Turkish authorities. This is another country to provide a national language supplementary broadcast on 490 kHz.

In addition they are making transmissions on the HF NAVTEX frequency of 4902.5 kHz. This frequency has only been listed to date as being used for transmissions from Egypt and Taiwan.

This service began 1/Oct. It is currently in a trial phase.

The scheduled times (UTC) and [ID] code letters for each of the transmission (Sitor/B) sites are given as follows.

On 490 kHz for NAVTEX

SAMSUN	[A]	0000	0400	0800	1200	1600	2000
ISTANBUL	[B]	0010	0410	0810	1210	1610	2010
IZMIR	[C]	0020	0420	0820	1220	1620	2020
ANTALYA	[D]	0030	0430	0830	1230	1630	2030

WUN-v10

On 4209.5 kHz
ISTANBUL [M] 0200 0600 1000 1400 1800 2200

As a reminder the standard (in English) NAVTEX transmissions from Turkish sites on 518 kHz are listed in the following schedule:

Samsun	[E]	0040	0440	0840	1240	1640	2040
Antalya	[F]	0050	0450	0850	1250	1650	2050
Istanbul	[D]	0030	0430	0830	1230	1630	2030
Izmir	[I]	0120	0520	0920	1320	1720	2120

>>....Met.....>

::: METOC Halifax fleet FAX broadcast

The Canadian Forces Meteorological and Oceanographic Centre (METOC) broadcasts information for the Canadian Navy, and to their requirements, in two modes

FAX (120rpm IOC 576 from the top of the hour)

RTTY (75bd/850Hz from the end of FAX till the top of the hour)
on the frequencies

122.5
4271.0
6496.4
10536.0
13510.0

The following is the latest available schedule for FAX

Time	VT	Product	
0001		Ice chart	
0101		IR satellite pix	
0201	12	Significant wx	
0301	00	500 hPa analysis	
0322	00	sfc analysis	
0401	12	500 hPa 36hr prog	
0501	00	24hr isobaric prog	
0522	12/00	850 hPa forecast (wind/temp/height)	
0601	12	36hr isobaric prog	
0701	18	Significant wx	
0801	00/12	24/36hr significant wave prog	
0901	06	sfc analysis	
1001		Ocean feature analysis (Newfoundland)	(Sun, Thu)
1001		Ocean feature analysis (Nova Scotia)	(Wed, Sat)
1001		Sea sfc temp (Nova Scotia)	(Mon)
1001		Sea sfc temp (Newfoundland)	(Tue, Fri)
1022		IR satellite pix	
1101		Schedule	
1201	12	3 day sfc prog	
1222	12	4 day sfc prog	
1301	12	5 day sfc prog	
1401	00	Significant wx	
1501	12	500 hPa analysis	
1522	12	sfc analysis	
1601	12	850 hPa analysis	
1622	00	500 hPa 36hr prog	
1701	12	24hr isobaric prog	
1801	00	36hr isobaric prog	
1822	00/12	850 hPa forecast (wind/temp/height)	
1901	06	Significant wx	
2001	12/00	24/36hr significant wave prog	
2101	18	sfc analysis	
2201		Ocean feature analysis (Nova Scotia)	(Sun)
2201		Ocean feature analysis (Newfoundland)	(Mon)
2201		sea sfc temp (Nova Scotia)	(Tue, Thu, Fri)

2201 Sea Sfc temp (Newfoundland) (Wed, Sat)
 2222 Ice chart
 2301 Ice chart

::: Northwood spur on 8949

First noted on 15/Oct there has been a spurious transmission from (probably) the 8040 kHz WX FAX frequency of RN Northwood appearing on 8949 kHz which continues on going to press. 8040 kHz appears to be at normal strengths with 8949 substantially weaker.

::: USCG Pt. Reyes FAX frequency change

It is noted that USCG Pt. Reyes (California)/NMC has been transmitting in 19590.5 kHz since 5/Apr/05 due to various reports of qrm (CW and digital) occurring on the old 12730 kHz assignment.

The current frequencies are 4346 8682 12590.5 17151.2 22527 kHz.

>>....Military.....>

::: UNID CARB signing INV

Thanks to Jim Dunnett for the heads up on a new CARB running at 75bd/850Hz. This appeared at the beginning of the month and has since disappeared. The CARB string noted was "03 07 INV" with a clock every 5 minutes (which was 4 mins slow!!).

So who was INV? The possibility that it was due to corrupt data were eventually set aside. The signal faded during the day when received in the UK. The further-afield option to be considered was a special CARB being run by the Italian Navy during the period of the recent NATO exercise, designated "Destined Glory 2004" in the Mediterranean.

So far no further information has come to light. AnyWUN with that info?

>>....Techi Tips.....>

::: Unstable software tools

DigiWUNners are likely to have a number of software tools to assist in analysing the signals they hear. Occasionally these may take on a period of instability. This happened to your scribe and it's worth passing on the information. The practise here is to upgrade PCs in bits and pieces, (motherboard here, an interface card there) rather than replace one with the latest shiny box in one fell swoop.

The applications hit this year were Cool Edit 2000, and email client Eudora Lite. Both were OK on windows 98se. The OS was changed to Windows XP. Still ok. Then the motherboard was changed from one using a 650Mhz Celeron processor with 256MB of RAM, to a 2.3 GHZ AMD Athlon based board with 512MB RAM. The original interface cards were retained.

Both started having a certain instability in operation.

Recently the video card was changed from a Trident Trio S3 card with 2MB of RAM running in an PCI slot, to a new Radeon 9200 Series card supporting 128MB RAM under AGP.

Problem gone. Seems the old video card was just not capable of supporting the video thrown at it by the faster motherboard. Another point to consider if one runs into problems during upgrading.

>>....Signoff.....>

and with that we end this month's column. Enjoy your winter's monitoring
 Pagina 805

in the N Hemisphere and your Summer activities in the South. See you next month. Regards Day

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WUN Government and Military Frequency/Designation List
Compiled by Larry Van Horn, N5FPW
Brasstown, NC USA, larry@grove-ent.com
=====

We have the following changes in this edition of the WUN MLA:

- Brazilian Air Force ALE network update
- Brazilian Army ALE network update
- US Army Corps of Engineers network update
- US Army National Guard ALE network
- US Civil Air Patrol update
- (Thanks to Ron Perron for the material above)

2004 MLA Column Contributors (and I sincerely thank each and everyone of you who take the time to add to this list): Samuel Cassio, M.J. Cleary, Christopher Corley, Leif Dehio, Jeff Haverlah, Kristian K., Peter Martinez (G3PLX), Jack Metcalfe, Ron Perron, Thomas M. Rvsner and John Volpato and your column editor.

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Government and Military Systems
Frequency/Channel/Designators List
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Last Revision: 25 October 2004

Legend:

- MF = Moved From (freq in MHz)
- RTTY = Radioteletype
- US = United States
- USB = Upper Sideband

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UNITED STATES MILITARY LISTINGS

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*Department of Defense Joints Chief of Staff Nets
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High Frequency Global Communications System (HF-GCS)
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The U.S. Air Force High Frequency (HF) Global Communications System (HF-GCS) is a worldwide network that currently consist of 15 high-power HF stations which provide air/ground HF command and control radio communications between all Department of Defense (DoD) ground agencies, aircraft and ships. Allied military and other aircraft are also provided support in accordance with agreements and international protocols as appropriate. The HF-GCS is not dedicated to any service or command, but supports all authorized users on a traffic precedence basis.

On Jun 1, 1992, the former Global HF System (GHFS) was created by consolidating other U.S. Air Force (USAF) and U.S. Navy (USN) HF networks, including the USAF Global Command and Control System (GCCS), the Navy's Ship-to-Shore High Command (HICOM) network, and the dedicated Strategic Air Command (SAC) Giant Talk System. The goal of the merger was to develop one worldwide non-dedicated HF network capable of providing Command and Control (C2) HF communications support to all authorized DoD

aircraft and ground stations. As of 1 October 2002, the former GHFS network is now known as the HF Global Communications System (HF-GCS).

The old high power HF equipment being utilized within the HF-GCS has now been replaced with "Scope Command" equipment. Scope Command incorporates Automatic Link Establishment (ALE) technology for use over HF. Scope Command is not the name for this network as some have indicated in the past post to the WUN and other newsgroups. It is the name of the equipment upgrade being done to the network. In January 2003, all HF-GCS station transmit and receive equipment is remotely controlled from the Centralized Net Control Station (CNCS) at Andrews AFB, Maryland.

This ALE technology automates many of the functions performed by the operator such as selecting the best propagating frequency from a list of authorized frequencies.

Net Procedures

General Calling - Aircrews use a preliminary call as outlined in ACP-121 US Supp 2 using the collective callsign "MAINSAIL" or the HF-GCS station call sign (example: Sigonella Global this is Dark 86 on 11175, OVER). HF-GCS operators require approximately 10 seconds (for automated equipment configuration) to respond to calls for service. The HF-GCS operator may request the aircraft change to a discrete frequency for improved and/or extended service.

Phone Patch Service - Phone patching allows direct voice communications between ground agencies and aircraft by electronically connecting telephone circuits to radio transmitters and receivers. Phone patch service is reserved for official unclassified business only and shouldn't exceed five minutes. Patches of more than five minutes or of a sensitive nature should be run on a discrete frequency. Aircrews requesting a phone patch must include all information necessary for HF-GCS operators to complete the call, such as the identity or location of the called parties and telephone number if known. Phone patches are monitored by HF-GCS operators and if radio reception isn't of sufficient quality to complete the patch, they will attempt to copy the traffic and relay it to addressees.

Message Relay Service - HF-GCS operators transcribe encoded or plain-text messages for aircraft or ground stations and forward them to the addresses by radio or landline. The text of the messages can be in the form of alphanumerics, code words, plain text, acronyms, and/or numerical sequences. Aircrews may use "READ BACK" procedures when the message data is critical, or when an incomplete transmission is suspected due to poor radio reception. All messages received by Global stations will be accepted and delivered by the fastest means available according to precedence and priority.

Published Frequency Listing - HF-GCS stations operate on "core" frequencies to provide increased "Global" coverage. The published frequency listing does not reflect complete system frequency authorizations. These published frequencies will be used for initial contact, EAM broadcasts, and short term C2 phone patch and message delivery. Other extended or special services will be moved to each station's available "discrete" frequencies. Any and all known discrete frequencies for these stations have been incorporated below in the HF-GCS station listings.

Frequency Guide - The frequency guide below is used by units contacting this net and is designed to optimize their air/ground communications.

Primary HF-GCS Frequencies - 24 hours	8992.0	11175.0
Back up HF-GCS Frequencies - DAY	13200.0	15016.0
Back up HF-GCS Frequencies - NIGHT	4724.0	6739.0

Commonly heard callsigns

BRICKWALL	Osan Air Mobility Control Center (AMCC)
DENALI	Elmendorf Air Mobility Control Center (AMCC)
HILDA GLOBAL	Tanker Airlift Control Center Scott AFB

TRACKER US Air Force Europe Tanker Recce Airlift Control
Center (UTRACC)

MAINSAIL Authorized users may contact and request service from Global HF System stations by using the general net air-ground call sign "MAINSAIL". Any Global station hearing the call "MAINSAIL" will respond and provide the requested service.

S4JG A universal Navy call sign assigned to Patrol Squadrons (VP) for use in radio checks. Instead of using the briefed, tactical call sign, the Navigation/Communications operator on the P-3C Orion aircraft would use S4JG on voice and also teletype to get a communications check with a Tactical Support Center (TSC), HF-GCS station or Anti-Submarine Warfare (ASW) Operations Center (ASWOC). In theory by using S4JG, the tactical call sign is less likely to be compromised.

SKYBIRD The collective call sign for all U.S. Strategic Command (USSTRATCOM) command posts, launch control centers, Global HF stations, Air Traffic Control (ATC) towers on Air Combat Command (ACC)/Air Mobility Command (AMC) host tenant bases, Single Sideband (SSB) HF radio stations, and air defense sites in Canada.

SKYKING The collective call sign for all Single Integrated Operational Plan (SIOP) committed aircraft and missile crews. Its meaning is "all SIOP committed aircraft and missile crews copy the following message."

SKYMASTER The collective call sign to all USSTRATCOM airborne command post.

The current station list for the HC-GCS net is as follows:

Andersen Air Base (AB), Guam (Voice call Guam Global)
Summer: 4724.0 (1300-2000Z) 6739.0 (1100-2000Z) 13200.0 (2000-1300Z)
15016.0 (2000-1100Z)
Winter: 4724.0 (1200-2030Z) 6739.0 (1000-2030Z) 13200.0 (2030-1200Z)
15016.0 (2030-1000Z)
Year round/24 hours: 8992.0 11175.0

Andrews AFB, Maryland (Voice call Andrews Global) HC-GCS CNCS
Summer: 4724.0 (0430-0930Z) 6712.0 (0230-0930Z) 13200.0 (0930-0230Z)
15016.0 (0930-0230Z)
Winter: 4724.0 (0200-1230Z) 6712.0 (2400-1230Z) 13200.0 (1230-0200Z)
15016.0 (1230-2400Z)
Year round/24 hours: 8992.0 11175.0
Discrete Frequencies: 8058.0 11053.0 11159.0 11181.0 11214.0 11220.0
13960.0 14863.0 18015.0

Ascension Island (Voice call Ascension Global)
Year round: 4724.0 (2400-0700Z) 6739.0 (1900-2400Z) 8992.0 (24 hrs)
11175.0 (24 hrs) 15016.0 (0700-1900Z)
Discrete Frequencies: 9043.0 11159.0 11226.0 14497.0

Croughton AB, United Kingdom (Voice call Croughton Global)
Summer: 4724.0 (2230-0400Z) 6712.0 (2230-0400Z) 13200.0 (0400-2230Z)
15016.0 (0400-2230Z)
Winter: 4724.0 (1800-0800Z) 6712.0 (1800-0800Z) 13200.0 (0800-1800Z)
15016.0 (0800-1800Z)
Year round/24 hours: 8992.0 11175.0
Discrete Frequencies: 4894.0 5708.0 5117.0 6728.0 6731.0 6993.0
7567.0 7933.0 8032.0 9025.0 10648.0 11118.0 11129.0 11180.0
11181.0 11220.0 11226.0 11232.0 11271.0 13822.0 15042.0 15091.0

Diego Garcia Naval Station, Indian Ocean (Voice call Diego Garcia Global)
Year round/24 hours: 8992.0 11175.0
Discrete Frequencies: 9012.0 11181.0 11226.0 11244.0 11269.0 13254.0
15095.0 20910.0

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Elmendorf AFB, Alaska (Voice call Elmendorf Global)

Summer: 4724.0 (1000-1300Z) 6739.0 (0800-1400Z) 13200.0 (1300-1000Z)

15016.0 (1400-0800Z)

Winter: 4724.0 (0230-1900Z) 6739.0 (0030-2130Z) 13200.0 (1900-0230Z)

15016.0 (2130-0030Z)

Year Round/24 hours: 8992.0 11175.0

Hickam AFB, Hawaii (Voice call Hickam Global)

Summer: 4724.0 (1000-1600Z) 6739.0 (0500-1000Z) 15016.0 (1600-0500Z)

Winter: 4724.0 (0800-1700Z) 6739.0 (0400-0800Z) 15016.0 (1700-0400Z)

Year round/24 hours: 8992.0 11175.0

Discrete Frequencies: 11181.0 13242.0

Keflavik NAS, Iceland

Summer: 4724 (2200-0530Z) 6739.0 (2200-0730Z) 13200.0 (0530-2200Z)

15016.0 (0730-2200Z)

Winter: 4724.0 (2000-0800Z) 6739.0 (2000-1000Z) 13200.0 (0800-2000Z)

15016.0 (1000-2000Z)

Year round/24 hours: 8992.0 11175.0

Lajes AB, Azores (Voice call Lajes Global)

Summer: 4724.0 (2230-0400Z) 15016.0 (0400-2230Z)

Winter: 4724.0 (1800-0800Z) 15016.0 (0800-1800Z)

Year round/24 hours: 8992.0 11175.0 13200.0

Discrete Frequencies: 11220.0 13440.0 14896.0 23265.0

McClellan, California (Voice call McClellan Global)

Summer: 4724.0 (0730-1300Z) 6739.0 (0530-1300Z) 13200.0 (1300-0730Z)

15016.0 (1300-0530Z)

Winter: 4724.0 (0500-1530Z) 6739.0 (0300-1530Z) 13200.0 (1530-0500Z)

15016.0 (1530-0300Z)

Year round/24 hours: 8992.0 11175.0

Offutt AFB, Nebraska (Voice call Offutt Global)

Summer: 4724.0 (0600-1100Z) 6739.0 (0400-1100Z) 13200.0 (1100-0600Z)

15016.0 (1100-0400Z)

Winter: 4724.0 (0300-1400Z) 6739.0 (0100-1400Z) 13200.0 (1400-0300Z)

15016.0 (1400-0100Z)

Year round/24 hours: 8992.0 11175.0

Discrete Frequency: 10589.0 11053.0 11159.0 11181.0 12087.0

Salinas, Puerto Rico (Voice call Puerto Rico Global)

Summer: 4724.0 (0300-1000Z) 6739.0 (0100-1000Z) 13200.0 (1000-0300Z)

15016.0 (1000-0100Z)

Winter: 4724.0 (0200-1100Z) 6739.0 (2400-1100Z) 13200.0 (1100-0200Z)

15016.0 (1100-2400Z)

Year round/24 hours: 8992.0 11175.0

Discrete Frequencies: 7690.0 9006.0 10648.0 11056.0 11220.0 11484.0 15087.0

Sigonella Naval Station, Sicily, Italy (Voice call Sigonella Global)

Summer: 4724.0 (2230-0400Z) 15016.0 (0400-2230Z)

Winter: 4724.0 (1800-0800Z) 15016.0 (0800-1800Z)

Year round/24 hours: 6739.0 8992.0 11175.0 13200.0

Thule AB, Greenland (Voice call Thule Global)

Year round/24 hours: 8992.0 11175.0 13200.0 15016.0

Discrete: 11181.0 13215.0

Yokota AB, Japan (Voice call Yokota Global)

Summer: 4724.0 (1200-1930Z) 6739.0 (1000-2130Z) 13200.0 (1930-1200Z)

15016.0 (2130-1000Z)

Winter: 4724.0 (0930-2200Z) 6739.0 (0730-2400Z) 13200.0 (2200-0930Z)

15016.0 (2400-0730Z)

Year round/24 hours: 8992.0 11175.0

Notes:

1. Summer schedules run from April-September. winter schedules run from

October-March

2. The Air Force Eastern Test Range (AFETR) HF Network may be used as a backup to GLOBAL. The net can be contacted on USB 10780.0 (primary) and 20390.0 kHz (secondary) using the call sign of CAPE RADIO. Another backup to the HF-GCS is profiled below in the US Air Force MARS section.

DoD Emergency Action Message (EAM) Broadcast Time Slots

These broadcast are commonly heard on HF-GCS primary frequencies plus 11244.0 kHz. Please note that not all HF-GCS published frequencies are active for every EAM broadcast time slot listed below. Also some of the activity listed below is not on HF-GCS published frequencies, but on other selected discrete frequencies.

For an in-depth discussion on what an EAM is, see the utility information file on the WUN website at URL: <http://www.wunclub.com/files/eam.html>

Current as of 24 June 2004

H+00 HF-GCS Offutt AFB, Nebraska
 H+05 HF-GCS Andersen AB, Guam
 HF-GCS Croughton AB, United Kingdom
 H+07 U.S. Navy E-6 TACAMO (Take Charge and Move Out) Atlantic (LANT) aircraft (6697.0/13155.0 kHz)
 H+08 U.S. Navy E-6 TACAMO aircraft HF-GCS six character EAMS "FOR..."
 H+09 HF-GCS McClellan AFB, California
 H+14 U.S. Navy E-6 TACAMO Pacific (PAC) aircraft (6697.0/13155.0 kHz)
 H+20 HF-GCS Salinas, Puerto Rico
 H+21 HF-GCS Elmendorf AFB, Alaska
 H+25 USSTRATCOM Looking Glass mission aircraft
 H+29 HF-GCS Sigonella Naval Station, Sicily
 H+30 HF-GCS Andrews AFB, Maryland
 H+34 HF-GCS Hickam AFB, Hawaii
 H+35 HF-GCS Croughton AB, United Kingdom
 H+37 U.S. Navy E-6 TACAMO LANT aircraft (6697.0/13155.0 kHz)
 H+38 U.S. Navy E-6 TACAMO aircraft HF-GCS six character EAMS "FOR..."
 H+40 HF-GCS Elmendorf AFB, Alaska
 H+44 U.S. Navy E-6 TACAMO PAC aircraft (6697.0/13155.0 kHz)
 H+46 Unknown station
 H+49 HF-GCS McClellan AFB, California
 H+50 HF-GCS Lajes AB, Azores
 H+55 USSTRATCOM Looking Glass mission aircraft
 H+59 HF-GCS Sigonella Naval Station, Sicily

Earlier examples of this broadcast schedule can be seen in the various 1980s editions of the Grove Shortwave Directories (usually on page 5 for those that still have them) - Those minute stamps were also used for the then common "standing by for traffic" calls heard from the various GIANT TALK ground stations operating under their pre-92 daily changing callsign aliases.]

The FOXTROT (SKYKING) messages are also common, or at least they used to be. You should generally hear more than two over any 24 hour period. Of interest, the preface to the FOXTROT broadcasts that would name the echoing ground stations have not been heard (here) since maybe sometime in April 2003 (around the end of major combat in Iraq.) I've heard no instance of a request to DIEGO GARCIA or THULE or anyone else since around that time, just the occasional FOXTROT broadcast from ANDREWS or whoever. They dropped the DECENT, ENLIST, FAIRLY, EYESTRAIN, DEFROSTER echo requests sometime around Sept 2001 (maybe) to be replaced with plaintext station names (THULE; DIEGO GARCIA; CYPRUS FLIGHT WATCH) after 9/11, and now since around April 2003 maybe nothing.

Busiest frequencies are 8992.0 ("Eight-Niner") and 11175.0 ("Triple-1"), which most stations guard around the clock. The others operate on a schedule which changes twice yearly, on the first of April and October. The upper sideband (USB) mode is used on all HF-GCS frequencies listed above.

Note: The data signal you will on 9025.0 kHz is ALE which is a

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computerized system that simplifies HF operation (see section below). Older frequency circulated on the internet continue to list 8968.0 and 17976.0 kHz, but these were removed from HF-GCS service over three years ago.

HF-GCS Scope Command HF ALE Network

HF-GCS ALE Network frequencies (USB/ALE): 3137.0 4721.0 5708.0 6721.0 9025.0 11226.0 13215.0 15043.0 18003.0 23337.0

The ALE system used by the JCS HF-GCS network is designated MIL-STD-188-141A. You can download a software program developed by Charles Brain to decode these digital transmissions at the following URL: <http://www.chbrain.dircon.co.uk/>.

ALE allows automated ground agency contact by selecting the best station and best frequency without operator interaction. ALE radios make this possible by using a datafill that contains frequency, station and other pertinent information. For ALE radios to operate properly, the radio must have a loaded datafill, be turned on in the "automatic" mode and remain there the duration of the flight. If the radio is removed from the ALE mode, history tables will require time to rebuild and initial communications may be slightly degraded.

Net participating stations, identifiers and specific frequency assignments used in the HF-GCS ALE net:

ADW Andrews AFB, MD USA
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337
AED Elmendorf AFB, AK USA
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337
CRO RAF Croughton, UK
3137 4721 6721 9025 11226 13215 15043 18003 23337
GUA Andersen AFB, Guam
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337
HAW Ascension Island
3137 4721 6721 9025 11226 13215 15043 18003 23337
HIK Hickam AFB, Hawaii
3137 4721 6721 9025 11226 13215 15043 18003 23337
ICZ Sigonella, Sicily Italy
3137 4721 5708 6721 9025 11226 13215 15043 18003
IKF NAS Keflavik, Iceland
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337
JDG NSF Diego Garcia
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337
JNR Salinas, Puerto Rico
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337
JTY Yokota AB, Japan
3137 4721 6721 9025 11226 13215 15043 18003
MCC McClellan, CA USA
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337
MPA RAF Port Stanley, Falkland Island(South Atlantic)
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337
OFF Offutt AFB, NE USA
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337
PLA Lajes AB, Azores
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

Selected non HF-GCS stations observed in this net:

CEF 439AW, Westover AFB, MA
GVT Raytheon, Greenville, TX
OKC Oklahpma City (Tinker AFB), OK
RIC CAP Region 2 MER/CAP National Technology Center, Richmond, VA
RSC Rockwell Scope Command Facility, Greenville, TX
TAG Incirlik AB, Turkey (HF-GCS Facility Closed)
WRL Warner-Robins AFB, GA

Preset telephone number codes imbedded in Scope Command ALE command

lines:

PCHS Charleston Command Post
 PDOV Dover AMCC
 PERT Rota
 PMET Hilda Metro
 PPLA Lajes AB
 PTAE Hilda East
 PTAR Ramstein AB
 PTAW Hilda West
 PWRI McGuire AFB

NIPR/SIPR HF ALE Network
 =====

Courtesy of Ron Perron and Christopher Corley

SIPR (Secret Internet Protocol Router) Network Frequencies
 (USB/ALE): 3113.0 5702.0 6715.0 8968.0 11181.0 17976.0 27870.0

SIPR Gateway/Frequency Matrix:

ADWSPR Andrews AFB, Maryland
 3113.0 5702.0 6715.0 8968.0 11181.0 17976.0 27870.0
 CROSPR Croughton AB, United Kingdom
 5702.0 6715.0 8968.0 11181.0 17976.0 27870.0
 HAWSPR Ascension Island
 8965.0 11181.0 17976.0
 ICZSPR Sigonella AB, Sicily, Italy
 5702.0 6715.0 8968.0 11181.0 17976.0
 IKFSPR NS/NAS Keflavik, Iceland
 11181.0 17976.0
 JDGSPR Diego Garcia, Indian Ocean
 11181.0 27870.0
 JNRSPR Salinas, Puerto Rico
 3113.0 6715.0 8968.0 11181.0 17976.0
 MCCSPR McClellan, California
 5702.0 6715.0 11181.0
 OFFSPR Offutt AFB, Nebraska
 3113.0 5702.0 6715.0 8968.0 11181.0 17976.0
 PLASPR Lajes AB, Azores
 5702.0 6715.0

NIPR (Non-Secure Internet Protocol Router) Network Frequencies (USB/ALE):
 3068.0 4745.0 5684.0 8965.0 11199.0 13242.0 17973.0 20631.0

NIPR Gateway/Frequency Matrix:

ADWNPR Andrews AFB, Maryland
 3068.0 4745.0 8965.0 11199.0 13242.0 17973.0 20631.0
 CRONPR Croughton AB, United Kingdom
 17973.0
 MCCNPR McClellan, California
 5684.0 8965.0 13242.0 17973.0
 OFFNPR Offutt AFB, Nebraska
 5684.0 8965.0 11199.0 13242.0 17973.0 20631.0

MYSTIC STAR Network
 =====

This is a worldwide communications system, operated and maintained by elements of the United States Army, United States Navy, and United States Air Force under the control of the Defense Information Systems Agency (DISA) Operations Center. Its network provides worldwide communications by directly controlling radio equipment located at Global HF system stations. It consists of ultra high frequency satellite and HF networks supporting Presidential, special air mission, Joint Staff, VIP (very important persons) and command airborne missions. The Mystic Star HF network consists of: a single master net control station (MNCS) located at Andrews AFB Maryland, interstation and intersite circuits, and relay and auxiliary communications subsystems. (Source Air Force Instruction 33-106)

Column Note: We have seen less and less monitor reports on this system over the last few years. It is widely believed that encryption is the reason for this decline in traffic.

Frequency/Designator Matrix (USB/LSB/Encryption)

F003	8036.0	(1)	F005	9120.0	(3)	F007	4850.0
F009	17972.0		F020	16117.0	(1)	F033	15962.0
F039	10881.0		F046	13823.0		F054	8058.0 (9)
F058	4742.0	(6)	F061	23265.0	(2)	F063	14870.0
F064	11214.0	(3)	F066	15036.0		F077	Unknown
F078	18532.0		F080	15677.0		F084	13205.5
F085	6993.0		F086	9461.0		F089	13204.0 (1)
F090	6716.0		F094	9017.0	(2)	F098	14585.0
F099	13247.0	(0)	F101	12106.0	(6)	F102	11118.0 (2)
F103	11488.0	(6)	F107	Unknown	(8)	F108	7316.0
F114	6986.0	(6)	F117	6993.0	(8)	F124	11217.0 (6)
F126	12087.0	(2)	F128	23242.0		F134	4942.5
F136	5429.5	(7)	F146	9027.0	(1)	F153	8063.0 (6)
F171	18403.5	(9)	F173	14420.5		F174	20650.0
F182	3078.0	(6)	F184	10648.0	(8)	F186	3046.0
F194	13825.0	(5)	F195	20631.0		F197	4982.0 (6)
F202	16014.0	(5)	F204	12057.0		F211	11056.0 (7)
F213	Unknown		F220	11181.0		F226	5435.5 (6)
F228	7735.0	(5)	F229	Unknown	(8)	F236	15041.0 (9)
F240	Unknown	(8)	F243	18590.0		F248	5398.0 (5)
F249	4731.0		F250	15091.0	(2)	F251	13217.0 (1)
F262	10717.0		F264	7693.0	(6)	F265	15733.0 (1)
F266	7997.0	(6)	F267	6730.0	(2)	F268	7325.0 (2)
F271	18320.0		F277	11153.0	(1)	F287	11226.0 (2)
F290	8026.0	(2)	F291	13960.0	(1)	F292	9414.5
F295	11460.0	(3)	F300	15707.0	(0)	F301	7500.5 (2)
F302	Unknown		F310	Unknown		F311	11220.0 (3)
F322	Unknown		F326	14864.0		F327	18716.0
F337	18761.0		F341	16083.0		F350	5043.0
F351	Unknown	(9)	F354	11053.0	(2)	F356	7827.0
F360	7919.5	(8)	F363	15018.0	(7)	F365	11059.0 (1)
F369	20397.0	(8)	F370	17177.0		F372	16123.0 (8)
F380	3144.0	(5)	F382	15094.0	(6)	F395	9057.0 (1)
F400	6728.0	(5)	F404	7690.0	(2)	F405	6972.0
F406	18393.0	(6)	F417	4992.0		F419	11407.0 (5)
F420	7933.0	(7)	F432	6731.0	(8)	F433	20972.0
F435	3821.0		F437	5684.0	(6)	F441	17440.0 (1)
F444	19267.0		F448	16-18 MHz		F451	13248.0 (9)
F452	5026.0		F453	19063.0		F461	13211.0 (1)
F463	4610.0	(1)	F464	16157.0		F465	8040.0 (0)
F466	14864.5	(0)	F467	9023.0	(3)	F476	4-6 MHz
F481	7605.0		F483	18626.0		F486	5152.0 (9)
F487	24483.0		F489	5437.0	(7)	F496	11059.5 (2)
F497	5411.0	(7)	F498	8032.0	(1)	F499	4442.0 (0)
F500	8989.0	(6)	F505	9006.0	(2)	F515	Unknown (2)
F516	4645.0	(6)	F517	9270.0	(6)	F521	11484.0 (2)
F522	11232.0	(2)	F523	9215.0	(9)	F529	8077.0 (7)
F530	23325.0		F533	18675.0	(6)	F538	Unknown
F540	5404.5		F541	Unknown	(2)	F542	5431.0 (6)
F543	8083.0		F545	10580.0		F546	18400.0
F551	18331.0	(6)	F555	4894.0	(6)	F561	11052.0 (6)
F567	13565.0	(6)	F569	18387.0		F574	11413.0 (6)
F575	10427.0		F576	11153.5	(2)	F577	10544.0 (7)
F579	Unk 11 MHz		F595	10877.0		F600	13878.0 (6)
F611	14863.0		F614	4488.8	(8)	F616	9320.0 (2)
F622	5817.0		F623	18317.0		F624	13241.0 (1)
F626	19343.0		F627	7910.0	(5)	F631	18755.0 (5)
F633	18290.0	(1)	F639	7469.0		F642	18218.0 (2)
F644	15821.0	(5)	F646	13440.0	(2)	F649	8053.0 (6)
F655	11053.0		F662	15048.0	(6)	F664	15 MHz
F667	6817.0	(7)	F673	3064.0		F677	6 MHz
F690	3032.0		F700	4490.0		F701	11058.0 (7)

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F702	9323.0 (6)	F703	9991.5 (6)	F706	8057.0 (5)
F707	10589.0 (2)	F708	23377.0	F709	9317.0 (7)
F710	4458.0	F713	16246.0 (5)	F717	10883.0
F722	12270.0 (9)	F723	18323.0 (6)	F728	11236.0 (5)
F731	6683.0 (1)	F732	15011.0 (7)	F734	4757.0 (7)
F736	11494.0 (8)	F741	7873.0	F748	6756.0 (5)
F749	15-16 MHz	F752	8047.0 (2)	F754	11627.0
F758	4452.0 (8)	F777	3113.0 (6)	F778	18023.0 (8)
F784	9043.0 (6)	F785	15687.0 (6)	F790	16323.0
F793	Unknown (0)	F800	Unknown (2)	F803	5078.0?
F807	12103.0?	F809	5700.0 (5)	F814	6989.0 (7)
F821	Unknown	F823	11229.0 (1)	F825	19047.0?
F832	18267.0	F843	Unk 6 MHz	F845	6-7 MHz
F846	13822.0 (5)	F853	12 MHz (0)	F864	16008.0 (2)
F867	6830.0 (7)	F868	9218.0 (6)	F869	16090.0
F873	13248.0 (7)	F874	13246.0?	F875	6717.0 (1)
F877	4721.0 (7)	F885	13207.0 (5)	F891	11053.5
F895	5710.0 (9)	F904	10202.0 (0)	F906	4524.0
F909	7687.0 (8)	F910	19671.0 (9)	F912	7330.0
F915	12107.0	F917	10205.0 (6)	F918	13482.0
F919	11159.0 (2)	F920	7927.0 (2)	F924	16317.0
F932	Unknown (2)	F933	Unknown	F935	7922.5
F937	Unknown	F940	11445.0 (0)	F943	19002.0 (6)
F948	15038.0 (6)	F952	Unknown	F956	Unknown
F957	6761.0 (0)	F965	11466.0 (2)	F974	10586.0 (6)
F975	Unk 11 MHz	F980	15724.0	F982	9,13 MHz
F987	10583.0 (6)	F988	4763.0	F997	15667.0

Legend:

- (7) Confirmed 1997
- (8) Confirmed 1998
- (9) Confirmed 1999
- (0) Confirmed 2000
- (1) Confirmed 2001
- (2) Confirmed 2002
- (3) Confirmed 2003

Frequencies 4441.0, 6671.0, 8260.0, 18801.0 and 25363.0 has been heard carrying "Mystic Star" traffic, but no designator is known. Designator F171 and signals associated with this net have been monitored on 18397.4 vice the 18403.5 we have listed above.

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*United States Strategic Command (USSTRATCOM)

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HF "Zulu" Airborne Command Post Net

Frequency/Designator Matrix (USB)					
Z100	3068.0 (9)	Z180	9057.0 (3)	Z265	18024.0 (0)
Z105	3116.0 (2)	Z185	9809.0 (0)	Z270	18027.0 (0)
Z110	3134.0? (8)	Z190	10204.0 (3)	Z275	18046.0?
Z115	3143.0 (9)	Z195	Unknown (3)	Z280	18387.0 (2)
Z120	3295.0 (2)	Z200	11181.0 (3)	Z285	Unknown
Z124	Unknown	Z205	11494.0 (2)	Z290	19665.0 (9)
Z125	4495.0 (2)	Z210	11229.0 (3)	Z295	19755.0 (2)
Z130	4472.0 (8)	Z211	12070.0 (2)	Z300	20167.0 (2)
Z135	4745.0 (2)	Z215	13242.0 (2)	Z305	20407.0 (9)
Z140	5026.0 (8)	Z220	13245.0 (2)	Z310	23337.0
Z145	5705.0 (3)	Z225	13907.0 (1)	Z315	23872.0 (9)
Z150	5800.0 (2)	Z230	15046.0 (7)	Z320	24828.0?
Z155	5875.0 (0)	Z235	15094.0 (3)	Z325	24978.0?
Z160	6715.0 (2)	Z240	15097.0 (0)	Z330	26532.0?
Z165	6757.0 (2)	Z245	Unknown	Z335	26859.0 (2)
Z170	7831.0 (2)	Z250	15962.0 (1)	Z340	Unknown
Z174	Unknown	Z255	17973.0 (0)	Z345	Unknown
Z175	9016.0 (4)	Z260	18006.0 (0)	Z350	Unknown

Legend:

- (7) Confirmed 1997
- (8) Confirmed 1998
- (9) Confirmed 1999
- (0) Confirmed 2000
- (1) Confirmed 2001
- (2) Confirmed 2002
- (3) Confirmed 2003

Note: At 1805 UTC on 16 Dec 2003, monitored female op using tac call calling other tac calls IDed frequency as Z-280/Z-230. A new frequency 7992.0 kHz has been uncovered by WUN member Jeff Haverlah in Texas during monitoring of a STRATCOM exercise on June 25, 2003. The frequency was being used by airborne command post participating in a STRATCOM communications exercise. No designator has been assigned at this time.

Other notes on USSTRATCOM related communications/frequencies from Jeff Haverlah.

11244.0 kHz

1. This frequency is a special HF-GCS discrete that is used by *every* named HF-GCS station for Emergency Action Messages (EAM) and FOXTROT broadcast. In fact, it has been described as the "broadcast" frequency. Stations here do not respond to MAINSAIL general calls on this frequency.

2. This frequency is guarded by the Nightwatch 01 (US Air Force E-4 National Airborne Operations Center or NAOC) station (which uses daily changing callsign aliases) and is paired with 8992.0 kHz.

3. This frequency is used by the apparent USSTRATCOM Looking Glass mission aircraft for daily EAM transmissions at any time, and used for repeat EAM transmissions at H+25/H+55 mostly during North American daylight hours (and at any part of the day during exercises). Paired with 8992.0 kHz. Also guarded by the Glass mission and other U.S. Navy E-6 TACAMO aircraft when active.

Note: The primary mission of the Looking Glass aircraft is the ability to command, control, and communicate with its nuclear forces. Its highly-trained crew and staff ensure there is always an aircraft ready to direct bombers and missiles from the air should ground-based command centers become inoperable. Looking Glass guarantees that U.S. strategic forces will act only in the precise manner dictated by the president. On Oct. 1, 1998 the Navy's E-6B Mercury aircraft replaced the USAF EC-135 in the Looking Glass mission.

4. Used by possible tanker aircraft (maybe on their SIOP mission) passing 4-element groups to "SkyMaster" (NAOC and TACAMO aircraft) during exercises and paired with 8992.0 kHz. The 4-element groups have been called "TID traffic" by SKYMASTER aircraft.

5. Used by other U.S. government stations (i.e. Federal Emergency Management Agency-FEMA, etc) including the static call "Blue Grass" (Mt. Weather, Virginia) as a frequency to pass "Hotel" messages. These messages are passed to each other and to the NAOC aircraft (using an alias separate from that particular day's callsign). This activity is usually during the third week of each month, is not paired with 8992.0 kHz, and many of the station's use callsigns begin with the letter "A" (i.e. Axle Rod, Army Ruler, etc).

6. Units here always identify the frequency as 11244.0 kHz and not with a tactical designator.

6697.0 kHz

1. This frequency is used by the TACAMO aircraft for daily evening/night (North America) EAM transmissions during the following time slots:

H+07/H+37 by a TACAMO LANT aircraft

H+14/H+44 by a TACAMO PAC aircraft

2. EAMs have been heard at any time during initial broadcast, simulcast on 8992.0, 11244.0 and on the USSTRATCOM Zulu net frequencies above.

3. This frequencies is also used by possible TACAMO aircraft to communicate with trigraph identifier stations during exercises (usually to receive 3-element group traffic from these trigraph stations.)

4. Also is used 24-hours a day by the United Kingdom's station MKL and their trigraphs (many of these thought to be Nimrod aircraft).

13155.0 kHz

1. This frequency is used by the TACAMO aircraft for daily daytime (North America) EAM transmissions during the following time slots:

H+07/H+37 by a TACAMO LANT aircraft

H+14/H+44 by a TACAMO PAC aircraft

2. EAMs have been heard at any time during initial broadcast, simulcast on 8992.0, 11244.0 and on the USSTRATCOM Zulu net frequencies above.

3. The activity on this frequency apparently moved here from 11267.0 kHz a few years ago. 11267.0 now seems to be quiet probably indicating that it is no longer used for this purpose.

Other U.S. Navy frequencies heard recently with EAM broadcasts by Jeff Haverlah and the column editor: 4515.0 4848.0 5680.0 6512.0 6666.0 6686.0 6720.0 6724.0 6778.0 6833.0 6903.0 7501.0 7589.0 8020.0 8971.0 9007.0 9010.0 9036.0 9283.0 10515.5 10805.0 10994.0 11187.0 11255.0 11271.0 13155.0 14698.0 15038.0 15049.0 16117.0

These and other old U.S. Navy HF HICOM (High Command) frequencies have been active in past with heavy EAM traffic. (See HF-GCS section above about the demise of the HICOM network)

=====
*United States Air Force
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Special Operations Command (AFSOC)

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Frequency/Designator Matrix (USB)

3044.0 352SOG RAF Mildenhall, United Kingdom Maintenance
3134.0 Hurlburt Field, Florida
4450.0 352SOG RAF Mildenhall, United Kingdom Exercise Operations
5204.5 352SOG RAF Mildenhall, United Kingdom (Blackhat) Primary
5349.0 352SOG RAF Mildenhall, United Kingdom (Blackhat)
5687.0 Hurlburt Field, Florida (Plantation/Seminole Operations)
5732.0 Hurlburt Field, Florida (Emerald Ops/Seminole Operations)
FOX 2?
Kirtland AFB, New Mexico
6730.0 Hurlburt Field, Florida
9018.0 AFSOC Air-to-Air
9019.0 Hurlburt Field, Florida (Plantations Operations) FOX 4? ex-9017
9026.0 352SOG RAF Mildenhall, United Kingdom (Blackhat)
9161.5 352SOG RAF Mildenhall, United Kingdom (Blackhat) Primary
11611.0 Hurlburt Field, Florida (Seminole/Emerald Operations)
13206.0 Hurlburt Field, Florida (Plantations Operations) FIX 1? ex-13207 kHz

I have had no recent reports on 18027.0 (FOX 9) or 23271.0 kHz (FOX 8). Has anyone in the last year heard any AFSOC units using the FOX designators above? Also, the following frequencies were active with AFSOC activity until the overhaul of the OR frequencies several years ago. Does anyone know what frequencies have taken their place? 4721.0 6712.0 9017.0 9023.0 kHz.

RAF Mildenhall, United Kingdom
 =====

6761.0 Aerial refueling tankers interplane (worldwide)

Ramstein AB, Germany
 =====

AMC Command Post (Metaphor)
 Frequencies (USB): 6730.0 9022.0

Miscellaneous Listings
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JStars aircraft discrete
 Frequency (USB): 11181.0

Air Force Military Affiliate Radio System (MARS)
 =====

You will also find a considerable amount of military aircraft voice traffic (official and unofficial) on the U.S. Air Force Military Affiliate Radio System (MARS) phone patch network frequencies: The primary frequencies are 13927.0 and 20992.0 kHz. These are fun and interesting frequencies to monitor.

Frequency/Designator Matrix (USB)

4557.0 RK
 7633.5 ACJ
 13927.0 ACB (Primary)
 14606.0 ACF
 18617.0 ???
 20992.5 ACZ

MARS conducts a phone patch admin net on Sundays at 1600 UTC on 13977.0 kHz (ACC).

Civil Air Patrol (CAP) Tech
 =====

Profile from Ron Perron
 Confirmed Frequencies (USB/ALE): 5006.0 6800.0 (SHARES) 6806.0 7602.0
 8012.0 9047.0 11402.0 13415.0 14357.0 19814.0

ALE Identifiers:

Surfing on the CAP web site and reading some of their publications (Organization, Communications Procedures, CAP Alerting System) Ron has confirmed the following identifiers:

RIC CAP National Technology Center, Richmond VA
 022NHQCAP National Ops Center (NOC) CAP Nat'l HQs, Maxwell AFB AL.

According to the CAP Alerting System Communications Actions publication under threat advisories Yellow (present condition), Orange and Red the NOC (Headcap 22) and the NTC (Headcap 33) are responsible for conducting the National Command Net with the NTC acting as alternate net control to the NOC. "Confidence checks" have to be conducted to ensure that the system is ready for any contingency. This probably explains the fairly heavy volume of soundings from 022, 047 and 062 NHQCAP identifiers.

Reading these same publications and looking at the command structure of CAP headquarters, Ron has tentatively identified the following identifiers:

CAP Used on SHARES frequencies
 033NHQCAP Unidentified
 043NHQCAP Unidentified
 046NHQCAP Unidentified
 951NHQCAP Unidentified
 971NHQCAP Unidentified
 047NHQCAP Director of Communications (DOK) CAP Headquarters, Maxwell AFB, AL [Tentative]
 062NHQCAP Director of Operations (DOO) CAP Headquarters, Maxwell

AFB, AL [Tentative]
 034MERCAP Middle East Region, North Carolina, possible Region Chief of Staff
 004MERCAP Middle East Region, Chief of Staff
 0033COCAP Colorado CAP
 0041MICAP Michigan CAP
 0042MICAP Michigan CAP
 0004WICAP Wisconsin CAP
 0004SCCAP South Carolina CAP
 043SERCAP Southeast Region CAP
 044NCRCAP National Capitol Region CAP, Washington DC
 100NERCAP Northeast Region CAP
 037RMRCAP Rocky Mountain Region CAP
 0272HICAP Hawaii CAP

In mid-summer 2004 the following ALE identifiers were noted on CAP freqs:

ADWCAP Civil Air Patrol at Andrews AFB
 MCCCAP Civil Air Patrol at McClellan AFB
 JNRCAP Civil Air Patrol at Roosevelt Roads, Puerto Rico.
 HIKCAP Civil Air Patrol at Hickam AFB

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 *U.S. Army
 =====

U.S. Transportation Command

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 Frequency/Designator Matrix (USB)

4146.0 Channel 1
 6224.0 Channel 2
 6227.0 Channel 3
 8294.0 Channel 4
 8297.0 Channel 5
 12353.0 Channel 6
 12359.0 Channel 7
 12365.0 Channel 8

Army Corps of Engineers

=====
 Frequency/Designator Matrix (USB/ALE)

3345.0 Channel 1
 5015.0 Channel 2 ALE
 5327.5 Channel 3
 5400.0 Channel 4
 5437.5 Channel 5 ALE
 6020.0 Channel 6
 6785.0 Channel 7 ALE
 9122.5 Channel 8 Primary ALE
 11693.5 Channel 9 ALE
 12070.0 Channel 10 Secondary ALE
 12122.0 Channel 11 ALE
 13925.5 Unknown ALE
 16077.0 Channel 12 ALE
 16326.0 Channel 13 Tertiary ALE
 16358.0 Channel 14
 20659.0 Channel 15 ALE

ALE Addresses (Courtesy of Larry Van Horn):

CGQ US Army Corps of Engineers Headquarters Washington, DC
 CRL Cold Region Research & Engineering Lab Hanover, NH
 ECV Unknown
 G333 Unknown
 G334 Unknown
 G336 Unknown
 L22 Unknown
 L30 Unknown
 LRB Buffalo District Buffalo, NY

WUN-v10

LRD	Great Lakes and Ohio River Division	Cincinnati, OH
LRE	Detroit District	Detroit, MI
LRH	Huntington District Office	Huntington, WV
LRL	Louisville District	Louisville, KY
LRN	Nashville District Office	Nashville, TN
LRO		Unknown
LRP	Pittsburgh District	Pittsburgh, PA
MVD	Mississippi Valley Division Office	Vicksburg, MS
MVN	New Orleans District Office	New Orleans, LA
MVS	St. Louis District Office	St. Louis, MO
MVT		Unknown
NAD	North Atlantic Division Office	Brooklyn, NY
NAO	Norfolk District Office	Norfolk, VA
NAP	Philadelphia District	Philadelphia, PA
NVP	St. Paul District Office	Saint Paul, MN
NWK	Kansas City District	Kansas City, MO
NWO	Omaha District	Omaha, NE
NWP	Portland District	Portland, OR
POA		Anchorage, AK
RDTAR		Unknown
RDTEF		Unknown
RPK		Unknown
RRV		Unknown
SAC	Charleston District Office	Charleston, SC
SAD		Atlanta, GA
SAM	Mobile District Office	Mobile, AL
SAS	Savannah District Office	Savannah, GA
SAW	Wilmington District	Wilmington, NC
SBV		Unknown
SPA		Albuquerque, NM
SPK	Sacramento District	Sacramento, CA
SWF	Southwestern Division	Fort Worth, TX
SWG	Galveston District	Galveston, TX
SWT	Tulsa District	Tulsa, OK
TSX		Unknown
WUM		Unknown

18th Airborne Corps HF ALE Net

=====

Courtesy of Ron Perron

Frequencies (USB/ALE): 3238.5 4641.5 5883.5 6911.5 7361.5 8171.5
9295.0 10161.5 10680.0 12168.0

ALE Identifiers:

18FABDEJAGCE 18th Field Artillery Bde
159X1 Probable 1/159th deployed/exercise HQs
229JAGCE Probably 229th FA Bn (105mm howitzers)
327FAJAGCE 3-27th FA (MLRS)-Multiple Rocket Launcher Bn, 18th Airborne
Corps
FFAJAGCE Unidentified sub-unit of 18th FA Regt
P1Z159 1/159th Avn Bn, Ft Bragg
S030PS Unidentified
S080PS Unidentified
S12 Unidentified
S21 Unidentified
S41 Unidentified
T1Z159 1/159th Avn Bn, Ft Bragg
T18 Probably 18th Airborne Corps HQs

Continuity of Operations (COOP) HF ALE Net

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Courtesy of Ron Perron

Frequencies (USB/ALE): 3275.0 3285.0 5066.5 5088.5 6767.5 6985.0
7448.5 7510.0

ALE Identifiers:

WUN-v10

CECOM Army Communications & Electronics Command, Ft. Monmouth NJ.
 USACE1010 Army Corps of Engineers
 USADA1010 Unidentified
 USAFC1220 Army Forces Command (FORSCOM), Ft McPherson GA
 USAIS1012 Army Intelligence & Security Command, Ft Belvoir VA
 USAMC2120 Army Materiel Command, Alexandria VA
 USAMD1010 Army Medical Department ???
 USANG2409 Army National Guard HQs, Arlington VA
 USAPC1010 Army Pacific Command, Oahu HI

I believe the purpose of this net is to develop & maintain an HF ALE communications capability to support the major US Army commands. This net would probably provide backup communications capability in the event of failures of other means of communications, i.e. landlines, satellites, microwave/troposcatter.

This net is usually "tested" on Wednesdays. Lately the US Army Intelligence & Security Command, Ft Belvoir VA has been acting as Net Control Station (NCS) for this net.

U.S. Army National Guard

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Frequencies (USB/ALE): 4924.5 5847.0 6809.0 8047.0 9121.0 10816.5
 14653.0 16338.5 20906.0 kHz
 These frequencies appear to be allocated to State National Guard headquarters.

ALE Addresses:

A040LN Alabama
 A060RN Arkansas
 A090ZN Arizona
 A100KN Alaska
 C010TN Connecticut
 C080ON Colorado
 C090AN California
 D030CN Washington DC
 D030EN Delaware
 F040LN Florida
 G040AN Georgia
 G090UN Guam
 H090IN Hawaii
 I010DN Idaho
 I050NN Indiana
 I070AN Iowa
 K040YN Kentucky
 K070SN Kansas
 L060AN Louisiana
 M010AN Massachusetts
 M010EN Maine
 M030DN Maryland
 M040SN Mississippi
 M050IN Michigan
 M050NN Minnesota
 M070ON Missouri
 M080TN Montana
 N010HN New Hampshire
 N020JN New Jersey
 N020YN New York
 N040CN North Carolina
 N060MN New Mexico
 N070EN Nebraska
 N080DN North Dakota
 O010RN Oregon
 O050HN Ohio
 O060KN Oklahoma
 P020RN Puerto Rico
 P030AN Pennsylvania
 R010IN Rhode Island

S040CN South Carolina
 S080DN South Dakota
 T040NN Tennessee
 T060XN Texas
 U080TN Utah
 V010TN Vermont
 V020IN Virgin Islands
 V030AN Virginia
 W010AN Washington State
 W030VN West Virginia
 W080YN Wyoming

ARC61NG 61st WMD CST Unit, Arkansas
 HD1 Unknown user
 HQ701N Probably NG HQs (Arlington VA)
 HQ703N Probably NG Readiness Center (Arlington VA)
 MN55CSTNGB 55th WMD CST Unit, Minnesota
 OKC63NG 63rd WMD CST Unit, Oklahoma
 TXC06NG 6th WMD CST Unit, Texas
 WV3 West Virginia

Ron has also seen an ALE address PMTRCS/PMTRCSHFON. He believes the letters stand for Program Manager for Tactical Radio Communications Systems and has seen this address communicating with several of the new identifiers. Perhaps they are evaluating or checking on the deployment of their radio systems to these units.

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 *U.S. Coast Guard
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Air-to-Ground Nets

=====
 Frequencies (USB): 3053.0 3056.0 3119.0 3122.0 4730.0 4733.0 5693.0
 5696.0 5699.0 8980.0 8983.0 11196.0 11199.0 11202.0 13218.0
 13221.0 15082.0 15085.0 15088.0 17988.0 17991.0

Station List:

CAMSLANT Chesapeake, Virginia
 CAMSPAC Point Reyes, California
 GANTSEC Great Antilles Section

Secure Net

=====
 Frequency/Designator Matrix (USB)
 4716.6* 3A04 Group Key West (ANDVT/Clear)
 5142.6* ANDVT Comms
 5272.0 3E06
 5320.0* US Coast Guard District 7/8 (ANDVT/Clear)
 5399.6* 3C16 GANTSEC (ANDVT)
 5422.5 3A03
 5680.0* Group Charleston with CG Cutters
 6234.5* 3E11 (ANDVT/Clear)
 6246.6* ANDVT/Clear
 6815.6 ???? ex-3E11 GANTSEC
 6969.0* ANDVT
 7421.0 3A09
 7626.0 3E10
 7773.5 3A08
 7845.0 ????
 7884.0 3E13
 7909.0 3E14 CAMSLANT
 8091.0 ????
 8240.0* Usually a HFDX frequency, but some voice with cutters noted
 8337.6* 3E12
 8980.0* ANDVT
 10608.0* 3A02 Group Miami (ANDVT/Clear)
 10675.0 3E19

WUN-v10

10759.0 3E20
 10788.0 3E21
 10993.6^ 3A17 Group Key west (ANDVT/Clear)
 11157.5 3E24
 11202.0* Deployed cutters with HH-65 helos in Caribbean
 13413.0 3E25
 13809.0 ?????
 13950.0 ?????

The designators above appear to be changing. Anyone else notice any others changes? Reports are requested. Asterick indicates update in this month's column. Since January 2004 there has been no mention on the nets of 3A26 and 3A31 only 3A04, 3A17, 3E11, 3E12. For a full listing of USCG aircraft and helicopters be sure to check out Mark J. Cleary's list at URL: <http://www.wunclub.com/>

TISCOM Net

=====
 Frequencies (USB/ALE): 4730.0 8859.0 13221.0 17988.0

Station List:

NMC US Coast Guard CAMSPAC Point Reyes, CA
 NMG COMSTA New Orleans, LA
 NMO US Coast Guard Honolulu, HI
 NOJ COMSTA Kodiak, AK
 TISCOM US Coast Guard Telecommunications & Information Systems Command, Arlington, VA

A1401 Net Frequencies

=====
 This is a list of Ship/Shore Independent Sideband (ISB) frequencies. I call this set of frequencies the A1401 net.

2016.0 2040.0 2054.0 4913.5 5108.5 5217.0 5223.0 5266.0 5272.0
 5419.5 5942.5 6961.0 7439.0 7577.0 7617.0 7626.0 7754.5 7845.0
 7884.0 7909.0 9169.0 9291.0 9332.0 9373.0 10297.5 10338.5 10354.5
 10378.0 10675.0 10759.0 10788.0 10929.5 10935.5 11024.0 11045.0
 11157.5 13413.0 13484.0 13537.7 13950.0 14506.0 14518.75 14731.0
 14752.0 14919.2 18189.0 18255.0 18283.0 18335.0 18497.0 18650.0
 18716.0 20095.0 20137.0 20518.0 20639.0 23373.0 23515.0

Atlantic Only 2161.0
 Pacific Only 2144.0 5932.5 7713.0 9299.5 11165.8 18757.0
 Your column editor is extremely interested in receiving activity reports on any of the above listed frequencies.

HF PACTOR II E-Mail Network

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Frequency	Net Control Station	Fleet	Day/Night
5272.2	NOJ	PAC	Night
6961.2	NMC1	PAC	Night
6964.4	NMC	PAC	Night
7442.3	Cutters	PAC	Night
7685.5	NNNOMDC	LANT	24hrs
8340.2	NMC	PAC	Night
10355.2	NOJ	PAC	24hrs
13827.5	NNNOMUC	LANT	24hrs
14506.2	NMC	PAC	Day
14752.2	Unknown	PAC	Day
14922.4	poss NOJ	PAC	Day
18192.2	NMC1	PAC	Day
20642.2	NMC	PAC	Day

Station List:

Callsign Identity

 NAQD USCGC Jarvis WHEC-725

NDWA	USCGC Morgenthau WHEC-722
NEGF	Unid USCGC
NEPP	USCGC Healy WAGB-20
NGDF	USCGC Munro WHEC-724
NKJU	USCGC Kukui WLB-203
NLPM	USCGC Chase WHEC-718
NLVS	USCGC Rush WHEC-723
NMAG	USCGC Hamilton WHEC-715
NMC	Communications Area Master Station Pacific (CAMSPAC) Point Reyes, California
NMC1	Coast Guard Island, Alameda, California
NMEL	USCGC Mellon WHEC-717
NNHA	USCGC Acushnet, WMEC-167
NOJ	Communications Station (COMSTA), Kodiak, Alaska
NRCB	USCGC Eagle, WIX-327
NRPX	USCGC Buttonwood WLB-306
NRTF	USCGC Active, WMEC-618
NRUC	USCGC Storis WMEC-38
NRUO	USCGC Polar Sea WAGB-11 (no longer equipped)
NSTF	USCGC Steadfast WMEC-625
NYCQ	USCGC Boutwell WHEC-719
NZNE	USCGC Walnut WLB-205 ***New Ident***
NZVE	USCGC Alert WMEC-630
NNNOCBS	USCGC Durable, WMEC-628
NNNOCCK	USCGC Bear WMEC-901
NNNOCEQ	USCGC Harriet Lane WMEC-903
NNNOCES	USCGC Gentian (WIX-290)
NNNOCFA	USNS Persistent (T-AGOS 6)
NNNOCLL	Unid USCGC
NNNOCMD	USCGC Mohawk WMEC-913
NNNOCME	USCGC Northland WMEC-904
NNNOCMS	USCGC Courageous WHEC-716
NNNOCMV	USCGC Tampa WMEC-902
NNNOCNW	Unid USCGC
NNNOCNY	USCGC Campbell WMEC-909
NNNOCNZ	USCGC Tahoma WMEC-908
NNNOCSA	USCGC Seneca WMEC-906
NNNOCSP	USCGC Spencer WMEC-905
NNNOCSTB	USCGC Venturous WMEC-625
NNNOCVQ	USCGC Forward WMEC-911
NNNOCXK	USCGC Gallatin WHEC-721
NNNOCXS	USCGC Dallas WHEC-716
NNNOCYU	USCGC Vigilant WMEC-617
NNNOCZK	USCGC Vigorous WMEC-627
NNNOMDA	Atlantic Shore Station, Nazareth Pennsylvania (aka:
NNNONGKF)	
NNNOMDC	Atlantic Shore Station, HQ Navy & Marine Corps MARS, Washington DC (aka: NNNONAV)
NNNOMDF	Atlantic Shore Station, Coast Guard HQ, Washington DC (aka: NNNONCG)
NNNOMUC	Atlantic Shore Station
NNNONXZ	USCGC Confidence WMEC-619
NNNONZK	USCGC Dauntless WMEC-624

9th District HF Net

=====

Frequencies (USB/ALE): 3163.4 5423.9 7530.0 7621.6 (might have
replaced 7629.1) 8126.4 9278.5 10373.6 11043.6

Station List:

CGD9	Coast Guard District 9, Cleveland, Ohio
NODK	USCGC Bramble (WLB-392)
NODW	USCGC Sundew (WLB-404)
NODY	USCGC Acacia (WLB-406)
NRKP	USCGC Mackinaw (WAGB-83)
NRLX	USCGC Katmai Bay (WTGB-101)
NRLY	USCGC Bristol Bay (WTGB-102)

NRUR USCGC Mobile Bay (WTGB-103)
 NRUS USCGC Biscayne Bay (WTGB-104)
 NRUU USCGC Neah Bay (WTGB-105)

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 *U.S. Navy
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=====
 ELF Communications System
 =====

NEWS FLASH!! Please note that these two broadcast will be turned off on September 30, 2004 and these two sites will be dismantled per an article in the Bay City Times newspaper on September 13, 2004.

Frequencies: 76 Hz (primary) and 44 Hz (Secondary)
 There are two transmit sites: Republic, Michigan and Clam Lake, Wisconsin. This is used as a bell ringer communication system to submarines.

=====
 Strategic Communications Wing One (SCW-1)
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=====
 Frequency/Designator Matrix (USB)

6691.0 CA (7)
 11187.0 CB (0)
 17982.0 CC (9)
 11264.0 CH (9)

Also check 11267.0, 13240.0 and 14615.0. References have been made on the air to designators CD, CE, CF, CG, CK and CL.

=====
 Ships Electronics Systems Evaluation Facility (SESEF)
 =====

Point Loma, CA (USB): 2792.0
 Mayport, FL (USB): 5745.0 10711.0
 Barbers Point, HI (USB): 16087.0
 Norfolk (Fort Storey), VA (USB): 7535.0 8150.0 10711.0
 Ediz Hook, WA (USB): 3236.0
 Yokosuka, Japan (USB): 5304.0

=====
 Fleet Area and Control Facility (FACSFAC)
 =====

FACSFAC Virginia Capes, VA (USB) 2252.0

=====
 Strike Group Air Defense Networks
 =====

Frequencies (USB): 3265.0

=====
 AFN HF Broadcast
 =====

Update to current schedules for the US Navy AFN broadcast on their website and NPR. They indicate that the NPR broadcast schedule isn't correct and made a correction to the schedule for the Guam broadcast. Below is the accurate schedule for AFN shortwave transmissions. Switchover from night to day, etc is based on local time at the transmitter site.

Station	Daytime	Nighttime
Barrigada, Guam	13362.0	5765.0
Diego Garcia	12579.0	4319.0
Keflavik, Iceland	13855.0	13855.0
	7590.0	7590.0
Key West, Florida	12133.5	12133.5
	5446.5	5446.5
Pearl Harbor, Hawaii	10320.0	6350.0
Roosevelt Roads, PR	7507.5	7507.5
Sigonella, Sicily	4993.0	10940.5

A new frequency in the Pacific Rim has been heard intermittently on

4815.0 kHz

The QSL@mediacen.navy.mil email address is still good for reception reports to get the AFN QSL letter for these broadcast.

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NON-UNITED STATES MILITARY SERVICES

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*Argentina

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3175.5 Navy LOR-Puerto Belgrano Baudot 170/75

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*AUSTRALIA/NEW ZEALAND

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Air Force - RAAF/RNZAF

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The following information comes from the Enroute Supplement Australia (ERSA) a publication jointly published by the Royal Australian Air Force and Airservices Australia, February 26, 1998 edition, Nav/Comm 1.

1. The Royal Australian Air Force (RAAF/Royal New Zealand Air Force (RNZAF) Air Operations Communications System (AOCS) is a high frequency radio network providing communications services for the operational control of RAAF/RNZAF aircraft and HF equipped marine craft [army ground stations are also commonly heard]. In addition, visiting military aircraft may use the AOCS when contact with Australia/New Zealand military authorities is required. The AOCS is not part of, and does not provide, an air traffic control service, civil or military.

2. The AOCS network consist of six Air Operations Communications Centres (AOCCs) located at Sydney, Darwin, Townsville, Perth, Auckland [NZ] and Woodbourn [NZ]. The combined AOCS provides:

- A. A General Purpose Net (GPN) on which all AOCCs guard the same three frequencies. All AOCCs can transmit and receive on these three frequencies simultaneously.
- B. Discrete frequencies are available (if required) at each AOCC and allocated after initial contact on the GPN.
- C. Telephone patch facilities between aircraft and ground appointments.
- D. Continuous monitoring of military distress frequency 5696 kHz.
- E. Selective Calling (SELCAL): Available to suitably equipped aircraft.

GPN Frequencies:

Day (2100-0900 UTC) 8974.0 11235.0 13206.0 kHz
 Night (0900-2100 UTC) 3032.0 5687.0 8974.0 kHz
 Military Distress 5696.0 kHz

The RAAF and RNZAF share 8974 with the Spanish Air Force, and 5687 with the Portugese and German military services.

Discrete frequencies

RAAF Darwin: 6685.0 6709.0 6712.0 6727.0 6760.0 8968.0 8971.0
 8989.0 9025.0 11187.0 11199.0 11205.0 11271.0

RAAF Perth: 6757.0 8977.0 9022.0 9025.0 11187.0 11271.0 15085.0
 18003.0 23203.0

RAAF Sydney: 4715.0 5711.0 6730.0 6739.0 8971.0 8980.0 8989.0
 8992.0 9007.0 9019.0 9031.0 11202.0 11208.0 11226.0 11250.0
 13227.0 13245.0 13248.0 15067.0 17985.0

RAAF Townsville: 5714.0 8971.0 8992.0 9007.0 11187.0 11247.0 15034.0

RNZAF Auckland: 6754.0 6760.0 8965.0 9010.0 9025.0 11178.0 11217.0
 11247.0 13212.0 13233.0 13245.0 15044.0 15055.0

AOCS Callsigns	
Location	Voice Callsign
ASAOCS/NZAOCS Collective	Air Force ANZAC
ASAOCS Collective	Air Force Australia
NZAOCS Collective	Air Force New Zealand
AOCC Auckland	Air Force Auckland
AOCC Darwin	Air Force Darwin
AOCC Perth	Air Force Perth
AOCC Sydney	Air Force Sydney
AOCC Townsville	Air Force Townsville

Australian Navy

=====

Frequency/Designator Matrix (USB)

2768.0 A1
4375.0 A2
6510.0 A3
8122.0 A4
13116.0 A5
17344.0 A6
22708.0 A7/C5 (Tentative)

Station List:

Canberra Control
Darwin Control
Exmouth Control
Perth Control
Townsville Control

New Zealand Navy

=====

Frequencies(USB): 3192.0 8316.5

Station List: Auckland

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*Bahamas

=====

Bahamas Defense Forces
Frequency (USB): 8156.0

Station List

C6WWH C6R2066 C6R2067

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*BELGIUM

=====

Air Force

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Frequency/Designator Matrix (USB)

3131.0 YA
4745.0 YD
6748.0 YF
8989.0 YG (Primary)
11268.0 YJ
15010.0 YM
18006.0 YO
18021.0 YP
20050.0 YQ
23332.0 YS

Station: Melsbroek (ONY)

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*Brazil

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Air Force

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Frequencies (USB/ALE): 7929.0 8834.0 9010.0 13224.0 13586.0 13972.0
13978.0 16355.0 17982.0

ALE Identifiers:

Antares Brazilian Navy survey ship H-40
Bandeirantes Unidentified
Bravo India Sierra Unidentified
Capataz Unidentified
Cerrado Unidentified
Hermes Brasília, Air Force Headquarters
India Victor Rio de Janeiro, Grupo Especial de Inspeção em
Voo, Aeroporto Santos-Dumont
Jupiter Unidentified
Manaus Manaus Air Base (heard in voice comms on
13224.0/17982.0)
Omega Unidentified
Orungan Bahia (Salvador), Brazilian Air Force 1/7 Squadron
RDFEN Unidentified
RDSSGC Unidentified
SARBR Rescue Coordination Center Brasília
SARCT Rescue Coordination Center Curitiba
SARMN Rescue Coordination Center Manaus
SARPV Rescue Coordination Center Porto Velho (Rondônia)
SARRF Rescue Coordination Center Recife [Tentative]
SA5 Unidentified SAR
Saturino Unidentified Squadron
Scorpius Boa Vista, 1º/3º Grupo de Aviação "Escorpião"
Tamoio Brazilian Navy submarine S-31
Taurus Brazilian Navy coastal survey ship H-36
Tribo Unidentified
TRITAO Brazilian Navy patrol tug R-21

Army

=====

Frequencies (USB/ALE): 10711.0 11530.0 12132.0 13942.0 14582.0
14600.0 14752.0 16333.0 16345.0 20535.0

ALE Identifiers:

AM1 Amazonas
BA1 Bahia
BR1 Brasilia, Army Headquarters
CE1 Ceara
ES1 Espirito Santo
MS1 Manaus
OR1 Orinoco [Tentative]
PA1 Para
PE1 Pernambuco
PR1 Parana
RJ1 Rio de Janeiro
RS1 Rio Grande do Sul
SP1 Sao Paulo

Navy

=====

Frequencies (USB/ALE): 6785.0 8031.0 8310.0 10194.5 10914.5 11010.0
11455.0 11486.0 12370.0 12437.0 13101.0 13224.0 14780.0 15932.0
16355.0 (SAR) 16607.0 16837.5 17010.0 19709.0 20064.0 22168.0

Shore Station List:

BA1SE Base Naval do Bahia, Aracaju (Estado Sergipe)
BTLCMC1 Probable Brazilian Marine Forces unit
DE1MO Unidentified (poss garble for RE1MO)
ERMBEL Estação Rádio da Marinha em Belém (Fourth Naval District,
Pará)
ERMNAT Estação Rádio da Marinha em Natal (Third Naval District,
Rio Grande do Norte)

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ERMGRD Estação Rádio da Marinha no Rio Grande (Fifth Naval District, Rio Grande do Sul)
 ERMRIO Estação Rádio da Marinha do Rio de Janeiro (First Naval District, Rio de Janeiro)
 ERMSAL Estação Rádio da Marinha em Salvador Salvador Det. (Second Naval District, Bahia)
 REIMO Base Naval do Recife (Estado Pernambuco)
 T2ADAE Unidentified [Brazilian Navy]

Ship List:

CVFRON Corvetas FRONTIN V-33 (Class INHAÚMA)
 CVINHA Corvetas INHAÚMA V-30 (Class INHAÚMA)
 CVJACE Corvetas JACEGUAÍ V-31 (Class INHAÚMA)
 CVJULI Corvetas JÚLIO DE NORONHA V-32 (Class INHAÚMA)
 FBOSIS Frigate BOSÍSIO F-48 (Class Greenhalgh)
 FCONST Frigate CONSTITUIÇÃO F-42 (Class NITERÓI)
 FDEFEN Frigate DEFENSORA F-41 (Class NITERÓI)
 FDODSW Frigate DODSWORTH Fragatas F-47 (Class GREENHALGH)
 FGREEN Frigate GREENHALGH F-46 (Class Greenhalgh)
 FLIBER Frigate LIBERAL F-43 (Class NITERÓI)
 FRADEM Frigate RADEMAKER F-49 (Class Greenhalgh)
 FTEROI Frigate NITERÓI Fragatas F-40 (Class NITERÓI)
 FUNIAO Frigate UNIÃO Fragatas F-45 (Class NITERÓI)
 NAESPO SÃO PAULO Navio-Aeródromo São Paulo A-12 (Porta Aviões)
 NDDCEA CEARÁ G-30 Navios de Desembarque-Doca
 NDCCMM MATTOSO MAIA Navio de Desembarque de Carros de Combate G-28 (Class MATTOSO MAIA)
 NEBRSL BRASIL (Navio-Escola) U-27
 NTGMTA GASTÃO MOTTA (Navios-Tanque) G-23

Info:

<http://www.mar.mil.br/navios.htm>

http://www.mar.mil.br/Marinha_do_Brasil/menu_navios.htm

Ship Roster:

Vessel-Name	Vessel-Type	(Class)
A-12 SÃO PAULO (COLOSSUS)	Navio-Aeródromo	São Paulo (Porta Aviões)
D-27 PARÁ	Contratorpedeiros	(PARÁ)
D-30 PERNAMBUCO	Contratorpedeiros	(PARÁ)
F-40 NITERÓI	Fragatas	(NITERÓI)
F-41 DEFENSORA	Fragatas	(NITERÓI)
F-42 CONSTITUIÇÃO	Fragatas	(NITERÓI)
F-43 LIBERAL	Fragatas	(NITERÓI)
F-44 INDEPENDÊNCIA	Fragatas	(NITERÓI)
F-45 UNIÃO	Fragatas	(NITERÓI)
F-46 GREENHALGH	Fragatas	(GREENHALGH)
F-47 DODSWORTH	Fragatas	(GREENHALGH)
F-48 BOSÍSIO	Fragatas	(GREENHALGH)
F-49 RADEMAKER	Fragatas	(GREENHALGH)
G-15 PARAGUASSU	Navio-Transporte	Fluvial
G-17 POTENGI	Navio-Tanque	Fluvial
G-21 ARY PARREIRAS	Navios-Transporte	de Tropas
G-23 GASTÃO MOTTA	Navios-Tanque	
G-28 MATTOSO MAIA (MATTOSO MAIA)	Navio de Desembarque	de Carros de Combate
G-30 CEARÁ	Navios de Desembarque	-Doca
G-31 RIO DE JANEIRO	Navios de Desembarque	-Doca
H-11 PARAIBANO	Avisos Hidrográficos	
H-12 RIO BRANCO	Avisos Hidrográficos	
H-13 MESTRE JOÃO DOS SANTOS	Navios-Balizadores	(Mestre João dos Santos)
H-14 NOGUEIRA DAGAMA	Avisos Hidrográficos	
H-15 ITACURUSSÁ	Avisos Hidrográficos	
H-16 CAMACIM	Avisos Hidrográficos	
H-17 CARAVELAS	Avisos Hidrográficos	
H-18 COMANDANTE VARELLA	Navios-Balizadores	(Mestre João dos Santos)

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H-20 COMANDANTE MANHÃES Navios-Balizadores (Mestre João dos Santos)
 H-19 TENENTE CASTELO Navios-Balizadores (Mestre João dos Santos)
 H-21 SIRIUS Navios Hidrográficos
 H-24 CASTELHANOS Navios-Balizadores (Mestre João dos Santos)
 H-25 TENENTE BOANERGES Navios-Balizadores (Mestre João dos Santos)
 H-26 FAROLEIRO MÁRIO SEIXAS Navios-Balizadores (Mestre João dos Santos)
 H-27 FAROLEIRO AREAS Navios-Balizadores (Mestre João dos Santos)
 H-30 FAROLEIRO NASCIMENTO Navios-Balizadores (Mestre João dos Santos)
 H-31 ARGUS Navios Hidrográficos
 H-34 ALMIRANTE GRAÇA ARANHA Navios-Faroleiro
 H-35 AMORIM DO VALLE Navios-Balizadores (Mestre João dos Santos)
 H-36 TAURUS Navio Hidroceanoográfico
 H-37 GARNIER SAMPAIO Navios-Balizadores (Mestre João dos Santos)
 H-40 ANTARES Navios Oceanográficos Classe Antares
 H-41 ALMIRANTE CÂMARA Navios Oceanográficos Classe Antares
 H-44 ARY RONGEL Navio de Apoio Oceanográfico
 K-11 FELINTO PERRY Navio de Socorro Submarino
 M-15 Aratu Navios-Varredores (ARATU)
 M-16 Anhatomirim Navios-Varredores (ARATU)
 M-17 Atalaia Navios-Varredores (ARATU)
 M-18 Araçatuba Navios-Varredores (ARATU)
 M-19 Abrolhos Navios-Varredores (ARATU)
 M-20 Albardão Navios-Varredores (ARATU)
 P-10 PIRATINI Navios-Patrolha (PIRATINI)
 P-11 PIRAJÁ Navios-Patrolha (PIRATINI)
 P-12 PAMPEIRO Navios-Patrolha (PIRATINI)
 P-13 PARATI Navios-Patrolha (PIRATINI)
 P-14 PENEDO Navios-Patrolha (PIRATINI)
 P-15 POTI Navios-Patrolha (PIRATINI)
 P-20 PEDRO TEIXEIRA Navios-Patrolha Fluviais (PEDRO TEIXEIRA)
 P-21 RAPOSO TAVARES Navios-Patrolha Fluviais (PEDRO TEIXEIRA)
 P-30 RORAIMA Navios-Patrolha Fluviais (RORAIMA)
 P-31 RONDÔNIA Navios-Patrolha Fluviais (RORAIMA)
 P-32 AMAPÁ Navios-Patrolha Fluviais (RORAIMA)
 P-40 GRAJAÚ Navios-Patrolha (GRAJAÚ)
 P-41 GUAÍBA Navios-Patrolha (GRAJAÚ)
 P-42 GRAÚNA Navios-Patrolha (GRAJAÚ)
 P-43 GOIANA Navios-Patrolha (GRAJAÚ)
 P-44 GUAJARÁ Navios-Patrolha (GRAJAÚ)
 P-45 GUAPORÉ Navios-Patrolha (GRAJAÚ)
 P-46 GURUPÁ Navios-Patrolha (GRAJAÚ)
 P-47 GURUPI Navios-Patrolha (GRAJAÚ)
 P-48 GUANABARA Navios-Patrolha (GRAJAÚ)
 P-49 GUARUJÁ Navios-Patrolha (GRAJAÚ)
 P-50 GUARATUBA Navios-Patrolha (GRAJAÚ)
 P-51 GRAVATAÍ Navios-Patrolha (GRAJAÚ)
 P-60 BRACUÍ Navios-Patrolha (BRACUÍ)
 P-62 BOCAINA Navios-Patrolha (BRACUÍ)
 P-61 BENEVENTE Navios-Patrolha (BRACUÍ)
 P-63 BABITONGA Navios-Patrolha (BRACUÍ)
 R-21 TRITÃO Rebocadores de Alto-Mar (TRIUNFO)
 R-22 TRIDENTE Rebocadores de Alto-Mar (TRIUNFO)
 R-23 TRIUNFO Rebocadores de Alto-Mar (TRIUNFO)
 R-24 ALTE GUILHEM Rebocadores de Alto-Mar (GUILHEM)
 R-25 ALTE GUILLOBEL Rebocadores de Alto-Mar (GUILHEM)
 R-26 TRINDADE Rebocador de Alto-Mar (Trindade)
 S-30 TUPI Submarinos (TUPI)
 S-31 TAMOIO Submarinos (TUPI)
 S-32 TIMBIRA Submarinos (TUPI)
 S-33 TAPAJÓ Submarinos (TUPI)
 U-10 ASPIRANTE NASCIMENTO Avisos de Instrução (Aspirante Nascimento)
 U-11 GUARDA-MARINHA JANSEN Avisos de Instrução (Aspirante Nascimento)
 U-12 GUARDA-MARINHA BRITO Avisos de Instrução (Aspirante Nascimento)
 U-17 PARNAIBA Monitor
 U-18 OSWALDO CRUZ Navios de Assistência Hospitalar
 U-19 CARLOS CHAGAS Navios de Assistência Hospitalar

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U-20 NAVIO VELEIRO CISNE BRANCO Navio Veleiro
 U-27 BRASIL Navio-Escola
 U-29 PIRAIM Aviso de Transporte Fluvial
 V-15 IMPERIAL MARINHEIRO Corvetas (IMPERIAL MARINHEIRO)
 V-19 CABOCLLO Corvetas (IMPERIAL MARINHEIRO)
 V-20 ANGOSTURA Corvetas (IMPERIAL MARINHEIRO)
 V-24 SOLIMÕES Corvetas (IMPERIAL MARINHEIRO)
 V-30 INHAÚMA Corvetas (INHAÚMA)
 V-31 JACEGUAI Corvetas (INHAÚMA)
 V-32 JÚLIO DE NORONHA Corvetas (INHAÚMA)
 V-33 FRONTIN Corvetas (INHAÚMA)

Frequencies (USB/ALE): 9117.0 13224.0 13972.0

Station List:

BR1 Brasilia (VII Naval District)[tentative]
 CE1 Ceara (Naval Port)or Fortaleza [tentative]
 MS1 Manaus (Commando Naval do Amazona Occidental)[tentative]
 PE1 Sao Pedro de Aldeia (Naval Air Base)[tentative]

=====
 *Canada
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Canadian Forces (CanForce)

=====
 Military Aeronautical Communications System (MACS)
 =====

Frequency/Designator Matrix (USB)

3047.0 MACS Net: Edmonton, Halifax, Trenton
 3092.0 MACS Net: Edmonton, St. John's, Trenton
 4379.0 CanForce Discrete: Halifax
 4560.0 Maritime Command Net: Halifax, St John's (A6A)
 4703.0 MACS Net: Edmonton, St. John's, Trenton
 4739.0 AAR Net: Halifax, St John's
 5198.5 Maritime Command Net: Halifax (A2B)
 5684.0 St John's, Vancouver
 5699.0 CanForce Discrete (Pipeline/Gonzo aircraft)
 5702.0 Vancouver
 5714.0 MACS Net: Edmonton, St. John's, Trenton
 5717.0 SAR Net: Halifax, St. John's. Trenton, Vancouver-Pri
 5850.0 Halifax Maritime Air Group (D1B)
 6694.0 Halifax, Vancouver (D6G)
 6706.0 MACS Net: Edmonton, St. John's, Trenton
 6712.0 CanForce Discrete (Pipeline/Gonzo aircraft)
 6715.0 SAR Net: Halifax, Trenton, Vancouver (D3H)
 6745.0 MACS Net: Edmonton, Trenton
 6751.0 Halifax, Vancouver, SIDECAR (NORAD)
 6754.0 MACS VOLMET: Edmonton, St. John's, Trenton
 8050.0 CanForce Discrete: Trenton (poss CanForce ALE activity here)
 8989.0 MACS Net: Edmonton, Trenton (Initial contact freq when
 aircraft is west of 90 deg west)(D1H)
 8992.0 CanForce Discrete: Trenton
 9007.0 MACS Net: Edmonton, St. John's, Trenton (Initial contact
 freq when aircraft is east of 90 deg west)
 9010.0 CanForce Discrete: Vancouver
 9023.0 NORAD: Trenton (C5)
 9031.0 CanForce Discrete (Pipeline/Gonzo aircraft)
 10194.0 CanForce Discrete: Trenton (US/Canadian Ground/AWACS
 Discrete)
 11007.5 CanForce Discrete: Trenton (US/Canadian Ground/AWACS
 Discrete)
 11190.0 CanForce Discrete (Pipeline/Gonzo aircraft)
 11205.0 CanForce Discrete: Halifax working VDD, Trenton
 11214.0 NORAD: Trenton (NORAD/MACS discrete- C6)
 11232.0 MACS Net: Alert, Edmonton, Halifax, St, John's,
 Trenton, Yellowknife(Initial contact freq when aircraft is east of
 90 deg west)
 11265.0 MACS Net: Edmonton, Trenton

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11271.0 MACS Net: Edmonton, Trenton (Initial contact freq when aircraft is west of 90 deg west)
13206.0 CanForce Discrete: Trenton
13257.0 Foxtrot MACS Net: Edmonton, St. John's, Trenton
14364.0 CanForce Discrete: Trenton (US/Canadian Ground/AWACS Discrete)
15031.0 MACS Net: Edmonton, St. John's, Trenton
15034.0 MACS VOLMET: Edmonton, St. John's, Trenton
17994.0 MACS Net: Edmonton, St. John's, Trenton
18000.0 CanForce discrete: Halifax
18012.0 MACS Net: Edmonton, St. John's, Trenton
18027.0 NORAD: Halifax, Edmonton (C8)
23250.0 MACS Net: Trenton
23271.0 CanForce Discrete: Trenton (US/Canadian Ground/AWACS Discrete)

Note: Frequency designators indicated above have not been reported in quite some time. More than likely CANFORCE has dropped the use of frequency designators. Other observations are welcomed.

Digital Communications

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CFH RTTY: 4271.0

Stations List:

CFH Halifax Military, NS (supports SAR coordination requirements for Halifax Rescue Coordination Center-RCC)
CHR Trenton Military, ON
CJU Vancouver Military, BC (supports SAR coordination requirements for the Victoria Rescue Coordination Center-RCC)
CJX St. John's Military, NF
CKN Vancouver Military, BC
VXA Edmonton Military, AB

Canadian Military Communications

=====
Canadian Military ALE Network
Frequencies (USB/ALE): 6925.0 6980.0 7600.0 8050.0 10000.0 11402.0
11605.0 12185.0

Station List:

VDE Unidentified
VDD Debert, NS
VEX Penhold, AB

Canadian Forces/NORAD Charlie Designators

=====
Frequency/Designator Matrix (USB)
Note: other than those listed above
4721.0 C1
6735.0 C2
6750.0 C3
8967.0 or 8968.0 C4
13206.0 or 13207.0 C7

Canadian Forces Affiliate Radio System (CFARS)

=====
CFARS is the Canadian Forces Affiliate Radio System which is equivalent to the United States Military Affiliate Radio System (MARS) program. CFARS stations are located at various United Nations peace-keeping operations around the world and operate amateur radio equipment that provides phonepatches for service personnel to their families. They are also to be found on Navy and Coast Guard ships.

Frequency/Designator Matrix (USB)

6978.5 Alpha
14386.0 Bravo
14460.0 Charlie

14463.0 Delta
 14446.5 Echo
 20971.5 Foxtrot
 20963.5 Golf
 29715.0 Hotel
 14454.0 Juliet
 14449.5 Kilo
 20977.5 Lima
 13954.0 Mike
 6982.5 Whiskey
 6962.5 X-ray
 4052.5 Yankee
 4023.5 Zulu

Thanks to the Northern Alberta Radio Club (<http://narc.net>) for the above information.

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 *Chile
 =====

Navy
 =====

Frequencies (LSB/ALE): 9818.0 12103.0

ALE Addresses: FLC TAC

=====
 *Czech Republic
 =====

Military Net Frequencies(CW): 2362.0

=====
 *Denmark
 =====

Air Force
 =====

Frequency/Designator Matrix (USB/ALE)

2250.0 OWC/OWD/OWE/OWF/OWI/OWK/OWP/OWU/OYG (U12/ALE)
 2296.0 OWB (L96-Alternate Night)
 2531.0 OWF/OWI/OWK/OWP (ALE)
 3023.0 OWB (Alternate)
 3053.0 OWB (L18-Primary Day)
 3291.0 OWD/OWE
 4577.0 OWB (F18-Alternate Day)
 4703.0 OWB/OWD/OWE (V26-Alternate)
 4756.5 OWD/OWE
 4840.0 OWC/OWD/OWE/OWF/OWI/OWK/OWP/OWU (ALE)
 5120.0 OUY/OWC/OWD/OWE/OWF/OWI/OWK/OWP/OWU (ALE)
 6630.0 OWD/OWE
 6651.0 OWB (K19-Primary Day)
 6730.0 OWD/OWE (P75)
 6770.0 OWB (Alternate)
 6834.0 OWB (Alternate)
 9034.0 OWD/OWE (R27)
 9933.0 OWE/OWF (ALE)
 11076.0 OWI/OWJ (ALE)
 11217.0 OWD/OWE
 11244.0 OWD/OWE (A10)
 11468.0 OWE/OWG (ALE)
 12186.0 OWE/OWG/OWP (ALE)
 13435.0 OWD/OWE/OWG/OWP (ALE)
 13455.0 OWI (ALE)
 15043.0 OWD/OWE (A11)
 15820.0 OWC/OWE/OWF/OWG/OWI/OWK/OWP (ALE)
 16280.0 OWD/OWG (ALE)
 16327.0 OWF/OWG/OWU (ALE)

Station List:

OUI Unknown
OWB RCC Karup, voice call: Karup Rescue
OWC Unknown
OWD FSN Vaerlose, voice call: Saloon
OWE FTK Karup, Voice call Primrose
OWF AF Skrydstrup
OWG AF Vandel
OWI AF Air Base Aalborg
OWJ AF Tirstrup (tentative ID)
OWK AF Headquarters Vedbaek
OWP Unknown
OWU Unknown
OYG Mestersvyg, Greenland

The SAR services at Karup also use the worldwide allocations of 2182 and 5680. Another frequency in this system may be 13540. Frequency designators from the Dansk Scanner Information website (<http://www.dkscan.dk>). Station identifiers courtesy of Ary Boender.

Navy

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Frequencies (CW): 4637.0
Frequencies (CW/RTTY): 18281.0 (OVK)

Station List:

OUA Stevns, Denmark
OVC Groennedal, Greenland
OVG Unknown
OVK Aarhus (Navy)

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*Ecuador

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Navy

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Noted during June 03 UNITAS-03 exercise
Frequency (USB/ALE): 7900.0

Station List:

COOPNA Naval Operations Command (Comando Operaciones Navale)
CFF Commander Frigate Force (Comando Fuerza Frigata)
CORMAN Corbeta Manabi (CM 12)
CORGAL Corbeta Los Galapagos (CM 15)
CORORO Corbeta El Oro (CM-14)
CORESM Corbeta Esmeraldas (CM 11)
LAMCUE Lancha Missileria Cuenca (LM 24)
HALCON Type B 119 class PG "Halcon"

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*France

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Air Force

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French Air Force Circus HF radio network

Frequency/Designator Matrix (USB)

6869.0 Veilleur-Taverny working AWACS aircraft USB/Secure voice
6712.0 Marjolaine 2
8972.0 Racontar 1
8992.0 Vinaigrette 3
13236.0 Reconfort 3 (Raphael?)
14587.0 Unknown
18012.0 Citadelle 1
23254.0 Veritee 3

? Citadelle 3
143.800 MHz (AM mode) Canasta

Station List:

Circus Blanc Bangui, Central Africa Republic
Circus Bleu Le Reunion, Reunion Island
Circus Bonne Bordeaux, France
Circus Citron Cayenne, French Guyana
Circus Corail Corfu/Taveaux, Greece
Circus Diamant Dole/Taveaux, France
Circus Dore Djibouti
Circus Ebene Evreux, France
Circus Fraise Fort de France, Martinique
Circus Lilas Libreville, Gabon
Circus Noir Noumea, New Caledonia
Circus Ocre Orleans, France
Circus Orange Dakar, Senegal
Circus Tango Toulouse/Francazal
Circus Tilleul N'djamena, Chad
Circus Vert CFAP Headquarters, Villacoublay, France
Circus Villa Villacoublay, France

French Air Force Strategic Missions
Frequency (USB): 6688.0 8976.0

Station List:

Capitol COFAS Headquarters Taverny

Digital Net

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3157.9	FDI8-Nice, France	Baudot 400/50R
4042.0	FDG-Bordeaux, France	Baudot ?/50
4212.5	FDI8-Nice, France	CW
4449.9	FDI8-Nice, France	CW
4596.0	FDC-Metz, France	CW
5214.5	FDG-Bordeaux, France	?/50 baud
5367.0	FDI8-Nice, France	Baudot 85/50
5446.5	FDC-Metz, France	Baudot ?/50
7850.0	FDI8-Nice, France	CW
7859.0	FDY-Orleans, France	Baudot ?/50 baud
10671.0	FDG-Bordeaux, France	CW
10912.0	FDI8-Nice, France	CW
10996.0	FDI22-Narbonne	CW

Navy

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Warship Frequencies

2214.0	FUC on	2780.0
2259.0	FUE on	2789.0
4165.6	FUE on	4295.0
6259.0	FUE on	6348.0
8310.6	FUV on	8568.0
8314.6	FUF on	8478.5
8330.6	FUG on	8453.0 (75 or 150 baud)
8334.6	FUX on	8475.5
12369.0	6WW on	12857.0
12374.6	FUX on	12691.0
12398.6	FUV on	13042.5 (may use 75 or 150 baud)
12402.5	FUF on	13031.2
12410.6	FUG on	12666.5 (150 baud)
16559.6	FUF on	16961.5
16595.6	FUV on	16904.9
16598.0	6WW on	16951.5
16607.6	FUG on	17180.0 (75 or 150 baud)

Miscellaneous Frequencies

2436.0	French Navy-Mediterranean	USB
3107.0	French Navy-Atlantic (callsign Armor)	USB

WUN-v10

3896.0 French Navy-Mediterranean USB
5708.0 French Navy-Atlantic (callsign Armor) USB
6760.0 Tactical calls (callsign whiskey Alpha) tentative (USB)

RTTY Net

2608.0 FUU RTTY 850/75
4232.0 FUF RTTY 850/75
6348.0 HWN ITA2/150/UOS encrypted
FUE ITA150
8300.0 6WW RTTY 850/75
8453.9 FUG RTTY 850/75
8475.5 FUX RTTY 850/75
8479.0 FUF RTTY 850/75
10282.0 FUU RTTY 850/75 and 170/75
10310.6 TLFUU-Toulon c1g 1TLFUF-Fort de France USB/MIL-STD 188-141A
10918.6 6WW RTTY 425/50
12666.5 FUG RTTY 860/75
12690.7 RFVIE-Le Port Baudot 850/75
12857.0 6WW Baudot 850/75
13032.0 FUF RTTY 850/75
13042.0 FUV RTTY 850/150
13444.2 RFQP-Djibouti ARQ-E3 400/100
13944.0 RFQP-Djibouti ARQ-E3 400/100
13986.7 RFFA-MOD Paris ARQ-E3 192bd
14585.7 RFPTC-N'Djamena Arq-E3 400/200
16905.0 FUV Baudot 850/75
16915.0 RFVIE-Le Port, Reunion Baudot 850/75
16951.6 6WW RTTY 850/75
16961.5 FUF Baudot 850/75
19216.7 RFLI-Fort de France, Martinique ARQ-E3 380/192 and ARQ-E3
96 bd
19951.5 6WW Baudot 850/75
20555.0 RFFX-MOD Paris ARQ-E3 184.6bd

Station List:

6WW Dakar, Senegal
FUC Location Unknown
FUE Brest, France
FUF Fort de France, Martinique
FUG La Regine, France
FUU Toulon, France
FUV Djibouti, Djibouti
FUX Le Port, Reunion Island

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*Germany
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Air Force

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Update courtesy of Andreas Heymann.

Air-to-Ground Network

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Frequency/Designator Matrix (USB)
3107.0 Alpha
3143.0 Bravo
3903.0 Charlie
4721.0 Delta
5687.0 Echo (Primary net frequency)
5717.0 Foxtrot
6700.0 Golf
6715.0 Hotel
6730.0 India
6751.0 Juliet
8965.0 Kilo
9025.0 Lima
11217.0 Mike

WUN-v10

11265.0 November
 13203.0 Oscar
 13233.0 Papa
 15073.0 Quebec
 17973.0 Romeo
 17991.0 Sierra
 18012.0 Tango
 23201.0 Uniform
 23215.0 Victor (may be 23231, comments please)
 23255.0 Whisky
 23318.0 X-ray
 23341.0 Yankee
 23345.0 Zulu
 29724.0 Alpha-Bravo

Note: These frequencies are used by DHM91 Munster German Air Force Transport Command headquarters in northern Germany. The primary frequency in this network appears to be Echo on 5687. Stations have been heard discussing frequencies AA, AC, AF and AJ which carry encrypted RTTY transmissions.

Digital System

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DASA/EADS-MAHRS 2400 bd burst PSK/STANAG 4285: 6949.0 6958.5 7543.0
 7630.0 7729.0 7810.0 7814.0 7823.0 7995.0 8070.0 8139.0 9051.0
 10926.5 11136.5 12273.0 13502.0 14613.5

**Navy

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Frequency/Designator Matrix

2265.9	RTTY-DHJ58	
2625.0	USB-DHJ59	MRL 59/02
3056.0	USB/RTTY-DHJ78/DHJ59	MATELO ARCN
3116.0	USB-DHJ59	MATELO ARCN
3122.0	USB/RTTY-DHJ58/DHM42 (Glücksburg Rescue)	
3590.0	RTTY-DHJ58	
3653.0	RTTY-DHJ58	
3718.6	RTTY-DHJ58	
4047.9	RTTY-DHJ58	
4154.3	USB/3 channel VFT-DHJ59	MRL 59/04
4356.6	USB/RTTY-DHJ58	
4424.4	RTTY-DHJ58	
6727.0	USB/RTTY-DHJ59	MATELO ARCN
6730.0	USB/RTTY-DHJ59	MATELO ARCN 405
6779.0	USB-DHJ59	MRL 59/06
8335.3	USB/3 channel VFT-DHJ59	MRL 59/08
10192.5	USB/RTTY-DHJ59	MRL 59/10
10206.2	USB/Stanag 4285 2400bd PSK-DHJ58	MRL 58/10
10711.0	USB/RTTY	
10722.0	USB/RTTY-DHJ59	MRL 59/11
11090.0	USB/RTTY	F-63
11235.0	USB-DHJ78	
11256.0	USB/RTTY-DHJ59	MATELO ARCN
12178.0	USB/RTTY-DHJ59	MRL 59/12
12415.3	USB/3 channel VFT-DHJ59	MRL 59/13
14722.0	RTTY PSK 600 baud	
15929.0	USB/RTTY-DHJ59	MRL 59/15
16129.0	USB/RTTY-DHJ58	MRL 58/16
17544.0	USB-DHJ59	MRL 59/17
17994.0	USB/RTTY-DHJ59	MATELO ARCN
22238.5	USB-DHJ59	MRL 59/23
23744.0	USB-DHJ59	MRL 59/25

Station List:

Callsign	Unit	Place
DHJ23	NORTHAG	Mönchengladbach
DHJ36	NORTHAG	Mönchengladbach

DHJ37	CENTAG	Heidelberg
DHJ38	Fm/EloAufklRgt 220	Donauwörth
DHJ39	Heeresamt	Köln
DHJ40	HFlgBrig 3	Mendig
DHJ41	LTG 61 FÜGrp 1	Landsberg
DHJ42	LTG 61 FÜGrp 2	Landsberg
DHJ43	JaBoG 32	Lechfeld
DHJ44	III. Korps	Koblenz
DHJ46	1. CATAC et FAFA	Lahr
DHJ47	2. ATAF	Mönchengladbach
DHJ48	4. ATAF	Ramstein
DHJ49	BMVg	Bonn / Berlin
DHJ50	I. Korps	Münster
DHJ51	Afwg	St. Adelgund - Hochheid
DHJ53	MStpKdo	Warnemünde
DHJ54	MarA Landtestanlage	Bremen-Vegesack
DHJ55	HQ 7th (US) Army	Heidelberg
DHJ56	FüUstBrig 900	Rheinbach
DHJ57	Range Naval Radio	Schönhagen
DHJ58	MFmZ - MFmGrp 11	Glücksburg
DHJ59	MFmZ - MFmGrp 21	wilhelmshaven - Sengwarden
DHJ60	KdoTrpVersM Abt. FÜMi	Eckernförde
DHJ61	MFmS	Flensburg
DHJ62	Naval Port Radio	Neustadt i.H.
DHJ63	Range Naval Radio	Todendorf
DHJ64	DTA MND (C)	Mönchengladbach
DHJ65	UKdo 8	Zweibrücken
DHJ66	Submarine Naval Radio	Eckernförde
DHJ67	HöHKdoBeh LW GefSt	Köln
DHJ68	HQ CINCUSAFE	wiesbaden
DHJ69	JaBoG 31	Nörvenich
DHJ70	MUKdo	wilhelmshaven
DHJ72	4. ATAF	Kindsbach
DHJ73	II. GE/US Korps	Ulm
DHJ74	Kdo 2. LwDiv	Birkenfeld
DHJ75	WBK III / 7. PzDiv	Düsseldorf
DHJ76	MFG 5 Airbase	Kiel-Holtenau
DHJ77	HfFlgRgt 35	Mendig
DHJ78	MFG 3 Airbase	Nordholz
DHJ80	WBK IV / 5. PzDiv	Mainz
DHJ81	PzLehrBrig 9	Munster
DHJ82	Naval Port Radio	Parow
DHJ83	HöHKdoBeh LW GefSt	Köln
DHJ84	Naval Radio	wangerooge
DHJ85	PiBrig 20	Minden
DHJ86	Deutscher Wetterdienst - MilZentr.	Offenbach
DHJ87	TerKdo Nord	Mönchengladbach
DHJ88	Afwg	Limsdorf
DHJ89	PzBrig 23	Augustdorf
DHJ90	LwUstGrpKdo Nord	Münster
DHJ91	British Army Of The Rhine (BAOR)	Mönchengladbach
DHJ92	CCFFA	Baden - Oos
DHJ93	CENTAG	Pirmasens
DHJ94	4. RCAF Fighter wing	Söllingen
DHJ95	WBK VI / 1. GebDiv	München
DHJ96	3. RCAF Fighter wing	Zweibrücken
DHJ97	Sammelruf --> ALLE Funkstellen des aktuellen Kreises	
DHJ98	JaBoG 33	Büchel
DHJ99	KdoTrpVersM - Testsendungen	
DHM21	Naval Radio	Staberhuk
DHM22	MOS	Bremerhaven
DHM23	HFlgRgt 26	Roth
DHM24	FüUstBrig 4	Berlin
DHM25	LTrspKdo - FüUstGrp	Münster
DHM27	PzGrenBrig 41	Eggesin
DHM30	SOC	Brokzetel
DHM31	Naval Radio	List / Sylt
DHM33	MARSbetrb	Kiel

DHM35	Jachmannbrücke Radio (MarsBetrb)	wilhelmshaven
DHM36	KdoMFüSys	wilhelmshaven
DHM37	SOC	Uedem - Kalkar
DHM39	PzGrenBrig 38	weißenfels
DHM41	MwAs	Kappeln Ellenberg
DHM42	Naval Radio	Glücksburg
DHM43	IV. Korps	
DHM44	GeophysBLtSt Süd	Fürstenfeldbruck
DHM45	MFmStab 70	Flensburg
DHM46	WBK V / 10. PzDiv	Sigmaringen
DHM47	2. ATAF Air Base	Weeze - Laarbruch
DHM49	LogBrig 4	Unna
DHM50	LogBrig 2	Germersheim
DHM52	SanBrig 4	Fritzlar
DHM53	HFlgRgt 36	Fritzlar
DHM54	LwKdo Süd	Meßstetten
DHM55	WBK II / 1. PzDiv	Hannover
DHM56	WBK VII / 13. PzGrenDiv	
DHM57	HFlgRgt 15	Rheine
DHM58	1. CanAirDiv	Lahr
DHM60	KLK / 4. Div	Regensburg
DHM61	PzGrenBrig 1 / VBK 22	Hildesheim
DHM62	CINCENT	Erbeskopf
DHM64	Naval Radio	Darßer Ort
DHM65	MFuSSt	Dollerup
DHM66	MFuSSt	Friedrichsort
DHM67	MFuSSt	Hürup
DHM68		Frankenberg
DHM70	MFuSSt	Schortens
DHM71	PzBrig 18	Oldenburg
DHM72	GeophysBltSt Nord	Niederseik
DHM74	LLBrig 31	Oldenburg
DHM75	MFuEST	Lütjenholm
DHM76	MFuEST	Wittmund-Harlesiel
DHM79	Sammelanruf I. D/NL Korps	
DHM82	Forschungsanstalt der Bw für wasserschall u. Geophys	Kiel
DHM85	MFuSSt	Marlow
DHM88	FmABw bzw. AFmISBw	Rheinbach
DHM89	2. ATAF Air Base	Brüggen - Bracht
DHM90	Comms Group Lahr	
DHM91	LTrspKdo - Leitfunkstelle	Münster
DHM92	Sammelanruf II. Korps	
DHM95	1. Wing RCAF	Lahr
DHM97	NL Army	Dillingen
DHN21	2. ATAF	Rheindahlen
DHN22	2. ATAF	Rheindahlen
DHN23	WBK VIII / 14. PzGrenDiv	
DHN24	PiBrig 40 / VBK 41	Lahnstein
DHN31	Jagdgeschwader 71	Wittmundhafen
DHN41	GebJgBrig 23 Bad	Reichenhall
DHN43	PzGrenBrig 37	Frankenberg
DHN44	Jagdgeschwader 74	Neuburg
DHN45	PzGrenBrig 32	Schwanewede
DHN46	SanBrig 2	Ulm
DHN49	KrvtlSt bei MUKdo	wilhelmshaven
DHN51	HFlgRgt 30	Niederstetten
DHN53	Naval Port Radio	wilhelmshaven
DHN54	Fm / EloAufklRgt 320	Frankenberg
DHN55	UKdo 9	Philippsburg
DHN60	LwFüKdo	Köln-wahn
DHN61	DTA LANDCENT	Heidelberg
DHN62	DTA ARRC	Mönchengladbach
DHN63	PzGrenBrig 19 / VBK 33	Ahlen
DHN64	PzBrig 12	Amberg
DHN65	FmBtl 950 "Radio Andernach"	Andernach
DHN66	NATO AEW Force Command	Geilenkirchen
DHN67	FmRgt 920	Kastellaun
DHN68	St / FmRgt 310	Koblenz

WUN-v10

DHN69 HFlgRgt 16 Celle
 DHN70 FmRgt 990 LANDCENT Essen
 DHN71 HFlgRgt 25 Laupheim
 DHN72 HFlgRgt 6 Hohenlockstedt
 DHN79 Erprobungsstelle der Bundeswehr 61 Manching
 DHN81 PzGrenBrig 30 Ellwangen
 DHN82 Marineunterwasserortungsstelle Fehmarn Marienleuchte
 DHN83 HFlgRgt 10 Fassberg
 DHN84 PzBrig 14 Neustadt
 DHN85 PzGrenBrig 5 Homberg - Efze
 DHN90 PzGrenBrig 40 / VBK 86 Schwerin
 DHN92 LwKdo Nord Kalkar
 DHN95 PzBrig 39 / VBK 71 Erfurt
 DHN99 Fm / EloAufklRgt 940 Daun
 DHO21 LLBrig 26 Saarlouis
 DHO22 Aufklärungsgeschwader 51 Jagel - Kropp (Schleswig)
 DHO23 LTrspGeschw 51 Landsberg
 DHO24 LTrspGeschw 63 FüGrp Hohn (Rendsburg)
 DHO27 JaBoG 49 Fürstenfeldbruck
 DHO28 JaBoG 35 Pferdsfeld
 DHO31 JaBoG 34 Memmingen
 DHO32 LTrspGeschw 62 Wunstorf
 DHO35 MFG 2 Funkstelle Eggebeck (Tarp)
 DHO36 Flugbereitschaft der Lw beim BMVg Bonn / Berlin
 DHO37 LTrspGeschw 62 FüGrp 1 Wunstorf
 DHO38 MFuSst Saterland-Ramsloh
 DHO39 LTrspGeschw 62 FüGrp 2 Wunstorf
 DHO41 NL Air Staff HQ Hesepe
 DHO42 Fm / EloAufklBrig 94 Daun
 DHO43 Kdo 4. LwDiv Aurich
 DHO45 PiBrig 10 Schleswig
 DHO46 Naval Radio Olpenitz
 DHO47 SanBrig 1 Leer
 DHO48 LogBrig 1 Lingen / Ems
 DHO49 PiBrig 30 Hilden
 DHO54 Fernmeldebereich 70 Trier
 DHO59 PzBrig 36 / VBK 64 Veitshöchheim
 DHO60 LTrspGeschw 63 Hohn (Rendsburg)
 DHO61 Pionierschule FSH BauT Percha
 DHO63 4. NLDiv Bergen-Hohne
 DHO64 PiBrig 50 Bogen
 DHO65 LLBrig 25 Calw
 DHO66 Naval Air Operations Center Glücksburg
 DHO67 PiLehrBrig 60 Ingolstadt
 DHO69 Naval Radio Eckernförde
 DHO70 PzBrig 34 Diez
 DHO71 Naval Radio Arkona
 DHO73 Naval Radio Marienleuchte
 DHO74 1. NL Korps Seedorf (Zeven)
 DHO75 Sammelrufzeichen Lufttransportkommando (Collective callsign
 for all the three Air Transport wings)
 DHO76 DTA LANDJUT Rendsburg
 DHO77 JaBoG 36 Rheine - Hopsten
 DHO78 Kdo 3. LwDiv / GAFSC "N" Gatow
 DHO79 Naval Radio Helgoland
 DHO80 Naval Port Radio Olpenitz
 DHO81 Naval Radio Borkum
 DHO82 PzBrig 42 / VBK 84 Potsdam
 DHO83 WBK I / 6. PzGrenDiv Kiel
 DHO85 UKdo 4 Diez
 DHO91 Kdo 1. LwDiv / GAFSC "S" Karlsruhe
 DHO92 FüUstBrig 2 Ulm
 DHO95 Naval Radio Sahlenburg
 DHO99 I. BEL Corps Köln-weiden

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 *Israel
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Air Force

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Frequencies (USB/ALE):

5418.0 6840.0 7630.0 7780.0 8100.0 8220.0 8858.0 9227.0 10190.0
10304.0 10614.0 11491.0 12143.0

Navy (4XZ)

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Frequencies (CW):

2800.0 4241.0 4331.0 5159.0 8101.0 12984.0

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*Italy

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Air Force

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Frequencies (USB):

IGN-Rome? 10280.0 tactical paired with 6788.0 (Kosovo Relief Ops)
IEY55/IEY56 11272.0

Navy

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Frequencies (USB):

IBO Unknown 4530.0
ICM Sigonella 6693.0 6703.0 6752.0 6755.0 8982.0
ICS La Spezia 4438.5 6873.5
ICT Taranto 4474.0
IDR Rome 2270.2 2285.5 3131.0 3146.0 4721.0 5330.0 6205.5 6433.0
6688.0 6708.0 6733.0 6760.0 6880.0 8715.2 8977.0 8981.0 10498.2
10605.7 11250.0 12238.5 12382.0 12471.7 13216.0 13254.0 13455.2
IGJ Augusta 2274.5 3827.0 4168.5 4745.0 8302.5
IGN Unknown 6788.0
IGY Unknown 2272.5 6733.0
INY NATO Unknown 10315.0

CARB Broadcast IGJ/IDR (RTTY): 2463.1 4214.2 8150.8 8429.5

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*Lithuania

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Military (USB/ALE): 2710.0

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*Mexico

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Courtesy of Ron Perron and frequency/address updates by Hugh Stegman

Army

=====

Frequencies (USB/ALE): 4650.0 5252.0 5263.0 6955.0 7777.0 8047.0
8050.0 8084.0 9025.0 9060.0 10135.0 10444.0

Station List:

Monitoring indicates that there at at least five categories/ groupings of
ALE identifiers used on Mexican Army nets.

Animals 5252.0 5263.0 7777.0 8050.0 10135.0 10444.0
ALE Addresses: Chacal Jaguar Leon (Lion) Lobito (small wolf?) Pantera
(Panther) Puma Tigre

Countries 9060.0

ALE Addresses: Espana Espartaco Israel

Minerals/Jewels 4650.0 7777.0 8047.0 8084.0 9060.0 10135.0 10444.0

ALE Addresses: Acero (chrome steel) Aluminio (aluminum) Cobre (copper)
Diamante (diamond) J5 Jade Zeta(?)

WUN-v10

Miscellaneous 8050.0 10135.0
ALE Addresses: 123 Ganzo (?--possible garble)

Planets 6955.0 9025.0 10135.0
ALE Addresses: Marte (Mars) Tierra (Earth) Universo (Universe) Urano
(Uranus) Venus

Regional Net 4650.0 7777.0 9060.0
ALE Addresses: RM5 RM7 RM9 RM10 RM13 RM16 RM17

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*NATO

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DHN66 NATO Geilenkirchen

Frequency/Designator Matrix (USB)

3089.0 Channel A01
3900.0 Channel A02
6691.0 Channel A03 (Secondary)
8980.0 Channel A04
10172.0 Channel A05
10315.0 Channel A06 (Primary)
10429.0 Channel A07
11229.0 Channel A08
? Channel A09
? Channel A10
18009.0 Channel A11

The following frequencies have also been heard with NATO AWACS traffic,
but designators are not known: 4542.0 4758.0 6700.0 6760.0 6762.5
8971.0 8986.0 12165.0 23241.0

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*Netherlands

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Air Force

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Frequencies (USB): 3990.0 4450.0 5086.0 5406.5 8086.0

Station List:
Bandbox Nieuw Milligan (CRC Radar Control)

Army

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Frequencies (USB): 2274.0 2954.0 3305.5 3813.5 4762.0 4766.0 5032.5
5052.5 5115.0 5133.5 5144.5 5323.5 5388.5 5768.5

Frequencies (RTTY): 2275.5 2955.5 3306.5 3815.0 4763.5 4777.5
5034.0 5054.0 5116.5 5135.0 5146.0 5325.0 5390.0 5770.0

SFOR deployment
Frequencies (USB): 2552.5 4522.5

Coast Guard

=====
Netherlands Coastguard (also in Den Helder) with Coast Guard ships and
planes
Frequency (USB): 6550.0

Station List:
PBDO Vessel "Zeearend"
Coastguard 01 Dornier DO 228 Coastguard Plane
Coastguard 02 Westland Lynx Navy helicopter
Coastguard 03 Orion P-3C Navy Airplane
Coastguard 04 Police Helicopter
Coastguard 05 Police Plane
Den Helder Rescue RCC

Pedro 2/4/6 Westland Lynx Navy helikopter
Pluto 1/3/5 Orion P-3C Navy patrouille vliegtuig

Navy

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Warship frequencies (to stations PBB/PBC)

Frequency/Designator Matrix (USB)

2121.4 Channel 02A
2259.4 Channel 02B
4155.0 Channel 04A
4161.0 Channel 04B
4171.5 Channel 04C
6237.5 Channel 06A
6242.0 Channel 06B
8321.0 Channel 08A
8324.0 Channel 08B
8337.5 Channel 08C
12375.5 Channel 12B
16576.0 Channel 17B

PBV NAS Valkenburg
Frequencies: 3128.0 5705.0 8971.0 11178.0

Navy Den Helder "De Kooy"
Ship-to-Shore: 2204.0
Air-to-Ground (Helicopter): 2753.0
PBB CARBs broadcast: 3764.4
PBB RTTY Marker: 2845.0
PBC RTTY Marker: 2474.0

Caribbean Operations Frequencies:
8199.6 PJC
11178.0 PJK

CARB Broadcast
PBB: 6483
PBC: 6358.5 8439 12840.7

Station List:
PBB Navy Den Helder
PBC Goeree Island
PBV NAS Valkenburg
PJC NRN Hato Curacao (Counter-Narco Ops)
PJK Suffisant Curacao (ASW Operations)

=====
*Papua New Guinea
=====

Defense Force
=====

General Purpose Net Frequencies (GPN)

Frequency/Designator Matrix (USB)
3175.0 LGF Secondary
5746.0 LGG Primary
7496.0 LGH Secondary

Station List:
P2A2 Port Moresby
P2A3 Lae

Defense Force Patrol Boats:
Frequencies (USB): 5267.0 7587.0 7767.0 8146.0 9240.0

=====
*Portugal

=====

Air Force

=====

Frequencies (USB): 5687.0 6685.0 8992.0 9007.0

=====

*Russia

=====

High Command ELF

=====

ELF: The Russian equivalent to our now extinct 76/44 Hz ELF submarine communication system operates on 82 Hz. No station location or details are known.

=====

*South Africa

=====

Navy ZRH-Silvermine (FAX 120/576): 4014.0

Navy ZSJ-Silvermine (MFSK32 54.5 baud): 4014.0 4032.7

=====

*Spain

=====

Air Force

=====

Frequency/Designator Matrix (USB)

5699.0 Channel 1A

6724.0 Channel 1

8974.0 Channel 3

9022.0 Channel 3A

11211.0 Channel 2

11235.0 Channel 2A

13215.0 Channel 5

13245.0 Channel 5A

15016.0 Channel 4

15022.0 Channel 4A

18003.0 Channel 6A

18018.0 Channel 6

Station: Madrid (Callsign Vigia)

Station: Zaragoza (Callsign Jota)

3933.0 5702.0 6715.0 6730.0 9014.0? 11262.0 13245.0 15073.0

Special thanks to the Dutch Military Research Group website (<http://www.dutchmil.com/>) for the new information above.

The Spanish Air Force operates a SAR service around the Spanish mainland and from Gando AB in the Canary Islands. They make extensive use of HF for communications during rescue missions and during exercises.

Frequency/Designator Matrix (USB)

2182.0 H24

3137.0 HN

4738.5 H24

6737.0 HJ

The Canarias Rescue Coordination Center (RCC), due to the much larger area they cover, also uses 11406 kHz. They can also be heard on the following frequencies, these are used by request from the network users (USB): 2763.0 3855.0 4790.0 6870.0 9001.0 9437.0

=====

*United Kingdom

=====
 Royal Air Force (RAF)

=====
 RAF VOLMET Broadcast
 Control Point - RAF High Wycombe
 Transmitter: Inskip near Preston
 Frequencies (USB): 5450.0 11253.0 kHz
 Airfield weather broadcast are made twice an hour in the time slots
 indicated below:

Time Slot 1: H+00/H+30 - Aldergrove, Manchester, Prestwick, London
 Stansted, Oslo, Cairo, Pristina (+), Gibraltar, Porto, Stavanger

Time Slot 2: H+06/H+36 - Benson, Brize Norton, East Midlands, Bruggen,
 Geilenkirchen (+), Hannover, Lyneham, Northolt, Odham, Trondheim, Muscat
 (+), Salalah

Time Slot 3: H+12/H+42 - Coltishall, Cranwell, Leeming, Leuchars,
 Lossiemouth, Marham, St. Mawgan, Waddington, Linloss, Shawbury,
 Coningsby, Thumrait (+)

Time Slot 4: H+18/H+48 - Ascension, Bahrain, Brize Norton, Banjul (+),
 Dakar, Keflavik, Nairobi, Mombassa, Montevideo, Rio de Janeiro

Time Slot 5: H+24/H+54 - Adana (Incirlik), Akrotiri, Ancona, Aviano,
 Gioia del Colle, Rimini, Rome/Ciampino, Skopje, Split, Waddington, Bari
 (+)

The ones suffixed with '+' are additional airfields which are added
 as required, and have a human voice announcing them, rather than the
 electronic voice.

Some of these other optional airfields can be included in the broadcast
 in the possible slots indicated below:

Time Slot 1: Edinburgh, London Gatwick, London Heathrow, Luton,
 Newcastle, Stavanger, Teesside, Trondheim, Vaerlose

Time Slot 2: Hamburg, Munster, Ramstein

Time Slot 3: Coningsby, Shawbury, Yeovilton

Time Slot 4: Cairo, Hurgada, Jeddah, Punta Arenas, Recife

Time Slot 5: Catania, Faro, Lisbon, Palermo, Rome, Sarajevo

From the RAF Enroute Supplement, the UK equivalent of the US
 Department of Defense Instrument Flight Rules Supplement (IFR)

*Strike Command Integrated Communications System (STCICS)

Callsign: Voice: Architect CW: MLD or MLP

Transmitter: Chelveston, Northamptonshire, England

Frequencies (USB):

4742.0 5714.0 6739.0 9031.0 11205.0 18018.0 (Group A - see below)

4540.0 5450.0 8190.0 11253.0 13257.0 15031.0 (Group B - see below)

2591.0 11247.0

Group A has the QNH broadcast at H+00 and Airfield color state
 broadcast at H+30.

Group B has RAF German airfield flying states at H+15 and H+45.

*RAF Flight Watch Centers

Ascension Callsign: Haven

Frequencies: 4742.0 (2000-0800 UTC) 9031.0 (0800-2000 UTC) 11247.0

All frequencies carry a weather broadcast at H+45

Cyprus Callsign: Cyprus
 Frequencies: 4742.0 9031.0 (1600-0500 UTC) 11247.0
 4742.0 and 11247.0 carry weather broadcast at H+15

Gibraltar Callsign: Gibraltar
 Frequencies: 4742.0 9031.0 11247.0

Mount Pleasant, Falkland Islands Callsign: Viper
 Frequencies: 9031.0 11247.0

UKADGE HF Line Designator List

=====

How to find which frequencies are active. Listen to the Architect weather broadcast at H+00 and H+30 (see above). If the UKADGE circuits are active, there will be an announcement after the weather broadcast with the code-letters for the active frequencies. For example: "Additional information.. 2.. PK.. tack..401C.. tack.. AG" (which is repeated twice).

The first number indicates which Air Defense radar station is active

- 1 - Buchan, Boulmer and Benbecula
- 2 - Buchan
- 3 - Boulmer (has not been heard for many years)
- 4 - Neatishead

The first 2-letter-group is the code for the active HF frequency from the list below. It is sometimes referred to as the 'JAAWSK Frequency' (Joint Anti-air Warfare Shore Co-ordination). It carries most of the voice traffic, including target positions and Beaver details. This channel also carries frequency changes and position reports.

The third group is the Charlie squared channel, where AWACS aircraft pass their radar data over a HF link. Known frequencies are:

2250.5 401A
 33???.0 401B (exact freq unknown)
 4478.5 401C
 6673.5 401D
 8500.5 401E

The final group is known as chick co-ordination, where combat aircraft which are HF-capable can be passed target positions and other information.

In the example above, Buchan is the ADR station, using 5095 khz for voice traffic, the AWACS are using 4478.5 khz, and the chicks are on 4745 khz.

Frequency/Designator Matrix (USB)

A	11205.0	AB	5693.0	AC	8156.0	AD	9010.0
AE	3939.0	AF	9022.0	AG	4745.0	AH	3930.0
AK	3038.0	AP	11181.0	AQ	2396.0	AW	4042.0
AZ	23281.0	B	6739.0	BA	17970.0	BE	18018.0
BF	3083.0	BJ	17988.0	BK	3945.0	BL	11268.0
BS	18000.0	BT	2350.0	BX	8989.0	CA	6736.0
CM	18009.0	CO	23245.0	CY	3119.0	CZ	29800.0
D	4706.0	DA	5436.0	DB	15091.0	DH	15013.0
DM	8998.0	DQ	17995.0	DS	4739.0	DT	18024.0
DW	9031.0	E	3924.0	EA	10512.0	EF	5720.0
EH	11259.0	EI	23270.0	EK	11235.0	EM	15025.0
EN	15076.0	EP	15040.0	EX	11184.0	EZ	11253.0
F	13257.0	FA	3101.0	FG	11208.0	FM	5405.0
FS	4742.0	FT	13218.0	FV	15064.0	FW	3131.0
G	3915.0	GA	15061.0	GD	2274.0	GT	26385.0
H	15031.0	HE	3942.0	HJ	8983.0	HK	9034.0
HM	6748.0	HO	13206.0	HW	11247.0	HX	23257.0
HZ	13248.0	I	13236.0	IN	17982.0	IP	27000.0

WUN-v10							
J	8980.0	KA	3380.0	KD	3867.0	KH	12057.0
KJ	4718.0	KP	2641.0	KR	4484.0	KT	5420.0
KW	2261.0	KX	2577.0	L	5447.0	LA	3036.0
LB	3092.0	LC	6701.0	LD	15046.0	LE	15072.0
MB	2266.0	MC	5270.0	MD	18850.0	ME	14460.0
MS	3218.0	NJ	5705.0	PA	3302.0	PE	6760.0
PF	10634.0	PH	8971.0	PK	5095.0	PO	6715.0
PR	3864.0	PZ	14724.0	QB	3512.0	QR	8972.0
QV	3095.0	RA	8190.0	RD	6691.0	RE	5178.0
RH	5695.0	RM	3110.0	RZ	9459.0	SA	2762.0
SE	14812.0	ST	2591.0	TG	6724.0	TO	3391.0
TQ	3345.0	TS	5684.0	TW	4709.0	UA	4724.0
UB	10919.0	UR	17979.0	UT	4540.0	VE	11217.0
W	5747.0	WG	3125.0	WM	3026.0	X	3224.0
XA	5403.0	YC	11241.0	YM	13211.0	YP	23250.0
YZ	20030.0	ZF	3763.0	ZZ	5714.0		

Air Northwest JAAWSK (Joint Anti-air Warfare Shore Coordination)

=====

The RAF (and other NATO forces) seem to be using a new set of codes to identify their HF frequencies.

Frequencies/Unknown designator (USB):

2031.0 2307.0 3343.0 3404.0 3943.0 4502.0
 4763.0 5350.0 5392.0 6835.0 6882.0 7919.0
 10325.0 10585.0 10830.0 12198.0 14568.0 16344.0

Frequency/Designator Matrix (USB)

3301.0 Golf 01
 3235.0 Golf 02
 4572.0 Golf 08
 9010.0 Hotel 05
 HF? Kilo 01
 2712.0 Kilo 04
 4530.0 Kilo 05
 4020.0 Kilo 06
 4724.0 Kilo 07
 4860.5 Kilo 08
 4920.0 Kilo 09
 5173.0 Kilo 10
 5277.0 Kilo 11
 5290.0 Kilo 12
 5395.0 Kilo 13
 7415.0 Kilo 14
 7860.0 Kilo 15
 3305.0 Kilo 17
 UHF Kilo 18
 UHF Kilo 19
 UHF Kilo 20
 4785.0 Kilo 22
 4779.0 Kilo 24
 HF? Kilo 25
 UHF Kilo 26
 UHF Kilo 27
 HF? Kilo 28 (Beaver HF?)
 4477.0 Kilo 30
 5045.0 Kilo 31
 5385.0 Kilo 33
 5463.0 Kilo 34
 4012.0 Kilo 36
 UHF Kilo 55
 UHF Kilo 56

Joint Maritime Course Frequencies

=====

Three times a year the Royal Air Force hosts a number of military ships, submarines and aircraft for a series of 2-week exercise around the coast of the UK. This is known as the JMC - Joint Maritime Course.

The forces are split into two opposing forces, and they use an extensive network of HF frequencies for voice co-ordination and encoded data transmissions of radar pictures (known as Link 11). Each HF frequency is given a KJ designator, and these run from KJ01 up to at least KJ50. Some of these frequencies are in the UHF military aircraft band. The tie-up between designator and frequency changes with each JMC course conducted. During some JMC's some designators are on UHF frequencies in one course and on HF frequencies in the next course.

Frequencies (USB):

3343.0	3357.0	3805.0	4477.0	4484.0	4502.0	4778.5	4860.5	5045.0
5091.5	5206.0	5267.0	5276.5	5280.0	5310.0	5385.0	5460.0	5733.0
5910.0	6224.0	6237.0	6697.0	6779.0	6882.0	6940.0	7795.0	7934.0
9394.0	11149.0							

Royal Navy (RN)

=====

Warship Frequency/Designator Matrix (USB)

2487.0	Channel 02	Ships working	MTI
2662.4	Channel 02P	Ships working	GYA/MGJ
2760.4	Channel 02Q	Ships working	GYA/MGJ
3806.4	Channel 03P	Ships working	GYA/MGJ
4153.0	Channel 04	Ships working	MGJ on 3390 kHz
4153.9	Channel 04P	Ships working	GYA/MGJ
4879.9	Channel 04Q	Ships working	GYA/MGJ
6246.9	Channel 06P	Ships working	GYA/MGJ [was 6242.9 kHz]
8144.9	Channel 08P	Ships working	GYA/MGJ
8179.9	Channel 08Q	Ships working	GYA/MGJ
8339.0	Channel 8A?	Ships working	GYU
12377.9	Channel 12P	Ships working	GYA/MGJ
12381.9	Channel 12Q	Ships working	GYA/MGJ
12389.0	Channel 12A	Ships working	GYU
16550.9	Channel 16P	Ships working	GYA/MGJ
16566.9	Channel 16Q	Ships working	GYA/MGJ
22193.9	Channel 22P	Ships working	GYA/MGJ
25142.9	Channel 25P	Ships working	GYA/MGJ

Station List:

GYA London
 GYU Gibraltar
 MGJ Faslane
 MTI Plymouth

Northwood FAX Service

=====

Frequencies (FAX): 2617.0 6834.0 8652.0 10576.5 12390.0 14356.0
 18261.0

Irish Navy

=====

Frequencies (SITOR-A): 2461.5
 Frequencies (CODAN PSK <F7>): 5254.0

*Ukraine

=====

Military Frequencies(CW) 2598.0

*Venezuela

=====

This entire Venezuelan military section below is courtesy of Ron Perron with a few frequencies thrown in by the column editor.

Air Defense Command

=====

Venezuelan Air Defense Command

WUN-v10

This net serves various air defense missile sites and surveillance radar units based at/near Venezuelan Air Force bases and other strategic locations.

Frequencies (USB/ALE): 5695.0 7810.0 9065.0 11130.0 13475.0

Station List:

CDDA Air Defense Command Center (Centro de Defensa Aerea)- El Libertador Airbase
 GURI Air Defense site at Guri Dam
 MENE or Menemauroa Air Defense site
 MAR or Maracay Air Defense site
 PTOORDAZ or PTO Puerto Ordaz Air Defense site
 GUA or Guasualito Air Defense site
 MARGARITA Isla Margarita Air Defense site
 MONTECANO Air Defense site
 PTOFIJO or Puerto Fijo Air Defense site

Army

====

General Staff/Command & Control

Frequencies (USB/ALE): 8060.0 9795.0 10600.0 11155.0 12191.0 13449.0

1st Infantry Division

Frequencies (USB/ALE): 8260.0 11625.0 12191.0 13500.0*

2nd Infantry Division

Frequencies (USB/ALE): 5760.0 6870.0 7597.0 8060.0 8187.0 9232.0
 9052.0 10156.0 11610.0 13449.0

3rd Infantry Division

Frequencies (USB/ALE): 7597.0 8050.0 9232.0 9259.0 10150.0 12191.0
 13464.0 13506.0

4th Infantry Division:

Frequencies (USB/ALE): 9795.0 12185.0 13455.0

5th Infantry Division

Frequencies (USB/ALE): 5406.0 6786.0 7399.0 9233.0 9906.0 10115.0
 12191.0 14569.0

Station List:

CCM Mobile Command Center-Centro Comando Movil
 CGE Army Headquarters (Cuartel General de Ejercito)
 CGEJM Venezuelan Army HQs - Mobile - Cuartel General Ejercito
 Movil
 CLC Local Communications Center (Centro Local de Comunicaciones) I was carrying the "L" as Logistico, but in retrospect "Local" seems to fit the context better.
 CLM Maintenance Logistics Center (Centro Logistico Mantenimiento)
 CRC Regional Communications Center (Centro Regional de Comunicaciones)
 Mira1 Military Command Element at Presidential Palace
 Mira2 Military Command Element at Presidential Palace
 Mira3 Military Command Element at Presidential Palace (Palacio de Miraflores)
 PCRC Regional Command Post (Communications) (Puesto de Commanda Regional Comunicaciones)
 PCRM Regional Command Post - Mobile (Puesto de Commanda Regional Movil)
 PNME Riverine Forces River Post
 RESERVA1 1st Infantry Battalion - Reserves
 RESERVA2 2nd Infantry Battalion - Reserves
 RESERVA5 5th Armored Battalion - Reserves
 SCLC Subordinate Local Communications Center (Subordinado Centro Local de Comunicaciones) - I know the "S" doesn't fit syntactically, but I think it makes sense nonetheless.

SCLM Maintenance Logistics Service Center (Servicio Centro Logistico Mantenimiento)
 SIB Unidentified
 SIT Unidentified
 SKI Unidentified
 TALLERESM Unidentified

Ron thinks the suffixes 1-3 for both MIRA (Army section above) and CUFAN (National Guard section below) are the same. They may equate to something like 1= command element; 2= intelligence element; 3= operations element. Or they could equate to branches of the Armed Services i.e. 1= Army, 2= Navy; 3= National Guard.

Ron says these equations are based upon his own research and analysis using Spanish-language resources and glossaries. He is relatively certain that the equations for CGE and CRC are correct. According to various sources the Venezuelan Army has divided up the country into 6 Military Regions/Zones. This corresponds nicely to the CRC# identifiers he has seen so far. The other equations are, as he stated are his own derivations, and are ripe for discussion. He hasn't seen enough of the three letter identifiers (SIB, SIT, SKI, etc) to have any equations for them.

National Guard

=====

Frequencies (USB/ALE): 7849.0 9052.0 10272.0 10600.0

Station List:

CGGN Cuartel General de Guardia Nacional-Venezuelan National Guard HQs
 CORE7 National Guard Commander, Region 7-Comando Region 7 (there are 7 National Guard regions.
 CUFAN Unified Command of National Armed Forces-Comando Unificado del la Fuerza Armada Nacional
 CUFAN1 Unidentified sub-element of CUFAN
 CUFAN3 Unidentified sub-element of CUFAN
 CUFAN4 Unidentified sub-element of CUFAN
 CUMANA Cumana Airfield or Cumana City
 C5F Asuntos Civiles (Civil Affairs) C5
 DESTAFAC23 Destacamento 23 de las Fuerzas Armadas de Cooperación-Detachment 23, National Guard
 PORLAMAR Destacamento de Apoyo Aereo #7, Air Support Detachment # 7, Parlomar Airport)
 VARGAS HQs Commando de Vigilancia Costera, La Guaira, Estado Vargas

NOTE:

1. Commando de Vigilancia Costera is the naval component of the Venezuelan National Guard. There are seven detachments of the Vigilancia Costera and four detachments of the Vigilancia Fluvial (River Forces)

2. Commando de Apoyo Aero is the air component of the Venezuelan National Guard

Navy

=====

Frequencies (USB/LSB/ALE): 6890.0U 6895.0U 7849.0U 8260.0L 8825.0L
 8500.0U 9017.0L 9190.0U 9350.0L 10272.0U 10600.0U 10650.0L
 12546.0L 13500.0U 14790.0L 19200.0U 20400.0L

Station List:

Armario Puerto Cbella Naval Base (named after Agustin Armario de Puerta Cabella)
 BDIRCO Battalion de Ingenieros de Combata (Combat Engineer Battalion)
 BNA Naval Base "Amario"
 BNF Naval Base "Falcon"
 BNG Naval Base "Guitierrez"

BNAOCO Commando, Basa Navale Amario
 BRION Frigate, "Almirante Brion", F-22
 CANCO Unidentified
 CAPANA Capana-class Medium Landing Ship " Capana", T-61
 CGA Navy HQs, (Cuartel General Armada)
 CGARM Navy HQs (Cuartel General de Armada)
 COFFRI1 Commando Fluvial Fronterizo " General de Brigada Franz Riquez Iribarren"
 DCCOP Direccion de Coordinacion Y Control Operacional
 DHD Unidentified
 DHN Venezuelan Navy's Direccion de Hidrografia y Navigacion
 DIVIMCO1 Unidentified
 F21 Frigate Mariscal Sucre
 F22 Frigate Almirante Brion
 F26 Frigate Almirante Garcia
 FALCON Base Naval "Mariscal Juan Crisostomo Falcón"
 GC11 Frigate "Almirante Clemente" GC-11 Venezuelan Coast Guard
 GC12 Frigate " General Jose Trinidad Moran" GC-12 Venezuelan Coast Guard
 LLANOS Amphibious Support Ship, "Los Llanos", T-64
 MACABRO Unidentified
 MASCARA Unidentified
 PC13 Constitucion-class Missile craft, "Independencia" PC-13
 PR1 River Patrol Craft "Lago1" PBR-1
 PR2 River Patrol Craft "Lago2" PBR-2
 PR4 River Patrol Craft "Lago 4" PBR-4,
 PUNTABRAVA Oceanographic Support Ship "Punta Brava", BO-11
 REDJEFE Unidentified, literally means "main net"
 RIONEGRO1 Venezuelan National Guard Protector-class patrol craft
 SUCRE Frigate "Mariscal Sucre", F-21
 T61 LST "Capana"
 T63 LSM "Gojaira"
 T64 LSM "Los Llanos"
 T81 Replenishment Oiler " Ciudad Bolivar"
 VARGAS Commando de Vigilancia Costera, La Guaira, Estado Vargas.

Venezuelan Military Unit List:

 2MA6 Special Operations Unit
 2MA8 Special Operations Unit
 4MA0 Special Operations Unit
 5MA0 Special Operations Unit
 BLAZER3411D 3411st Tactical Comms Coy (341st Tac Comms Bn)
 CCM23 Mobile Command Center, 23rd Inf Bde Centro Commando Movil
 CCM33 Mobile Command Center, 33rd Inf Bde-Centro Commando Movil
 CRM7 Commander, Military Region 7
 CUFAN Unified Armed Forces Command

13th Inf Bde
 22nd Inf Bde
 23rd Special Operations & Security Bde
 24th Inf Bde
 25th Inf Bde
 31st Inf Bde
 32nd Inf Bde
 41st Armored Bde
 42nd Armored Bde
 43rd Armored Bde
 51st Jungle Inf Bde
 52nd Jungle Inf Bde
 102nd Motorized Inf Group
 131st Motorized Inf Bn
 222nd Motorized Inf Bn
 224th Motorized Inf Bn
 311th Motorized Inf Bn
 340th Tactical Comms Bn
 341st Tactical Comms Bn
 347th Tactical Comms Bn

348th Tactical Comms Bn
 349th Tactical Comms Bn
 431st Motorized Cavalry Group
 432nd Motorized Cavalry Group
 433rd Motorized Cavalry Group
 442nd Armored Bn
 501st Hqs Bn
 511th Jungle Inf Bn
 512th Jungle Inf Bn
 513th Jungle Inf Bn
 514th Jungle Inf Bn
 521st Jungle Inf Bn

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NON-UNITED STATES GOVERNMENT NETS

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*Australia

+++++

Austalian Customs Service

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Frequencies (USB): 2148.0 5285.0 7960.0 10435.0 13591.0

*UNITED STATES GOVERNMENT LISTINGS

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U.S. Government SHARES (Shared Resources)Program

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SHARES Coordination Network (SCN)

Frequency/Designator Matrix

4490.0 Channel 3/SCN ALE Net
 4573.5 Alternate frequency for channel 1 voice check-in
 5236.0 Channel 1/SCN Voice Net
 5711.0 Channel 4/SCN ALE Net
 6800.0 Channel 9/SCN BBS Net
 9106.0 Channel 5/SCN ALE Net
 10586.5 Channel XF
 11217.0 Channel 6/SCN ALE Net
 13242.0 Channel 10/SCN BBS Net (G-TOR)
 14396.5 Channel 2/SCN Voice Net
 14898.5 Alternate frequency for channel 2 voice check-in
 15094.0 Channel 7/SCN ALE Net
 17487.0 Channel 8/SCN ALE/STI Net

SHARES coordination stations conduct a weekly SHARES net on the ten SCN channels every wednesday from 1600-1800 UTC.

Large scale annual SHARES exercises are conducted in April, August and December.

SCN Operational Levels

SCN Operational Levels are designed to improve the responsiveness of the SHARES Coordination Network during emergencies. SCN Operational Levels are defined as follows:

Operational Level 3 - Conditions normal. No emergency exists. The ten-channel SCN may be used by SHARES station personnel for training and non-emergency operations.

Operational Level 2 - Emergency potential exists. Non-emergency operations on the SCN suspended. SCN monitoring increased. Check-in windows established on the national and regional nets to receive Stations Availability Reports.

Operational Level 1 - Emergency exists. SHARES message support required.

WUN-v10

National and regional nets maintain full-period operations to receive Station Availability Reports, to list SHARES message traffic, and to coordinate the processing of SHARES messages.

U.S. Immigration and Customs Enforcement (ICE)

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The COTHEN (Customs Over the Horizon Enforcement Net) HF radio system has replaced the older JTF designated systems and those frequencies / designators have been removed from this list.

5732.0 Scan 1
7527.0 Scan 2
8912.0 Scan 3
10242.0 Scan 4
11494.0 Scan 5
13907.0 Scan 6
15867.0 Scan 7
18594.0 Scan 8
20890.0 Scan 9
23214.0 Scan 10
25350.0 Scan 11

Confirmed HF COTHEN stations and callsigns:

KAE 315 Miami, Florida
KAE 326 Las Vegas, Nevada
KAE 371 Boston, Massachusetts
KAE 378 Reno, Nevada
KAE 381 Homestead, Florida
KAE 384 Wilmington, North Carolina
KAE 388 Riverside, California
KAE 398 Washington, District of Columbia
KAE 462 Houston, Texas
KAE 470 New Orleans, Louisiana
KAE 484 Denver, Colorado
KAQ 687 Beaufort, North Carolina
KAQ 688 New Bern, North Carolina
KEB 762 Albuquerque, New Mexico
KEB 765 Myrtle Beach, South Carolina
KOQ 434 Morehead City, North Carolina
KOQ 682 Cedar Rapids, Iowa
KPS 357 Salt Lake City, Utah
KPS 387 Hampton, Georgia
KPS 394 Cape Charles, Virginia
KPS 395 Atlanta, Georgia
KPS 396 Memphis, Tennessee
KZP 602 Oklahoma City, Oklahoma
KZP 604 Nashville, Tennessee
KZP 606 Kansas City, Missouri

There are two other known stations in the COTHEN HF net we do not have calls for. They are located in Lovelock and Fallon, Nevada. Can anyone help on these two stations?

Selected voice calls monitored on COTHEN

15C USCG HH-60J
18C USCG HH-60J
38C USCG HH-60J
F35 USCG HU-25
F39 USCG HU-25
F40 USCG HU-25
503 USCG HC-130
718 USCG HC-130
707 USCG HC-130
1716 USCG HC-130

U.S. Drug Enforcement Administration

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Frequency/Designator Matrix (USB)

5277.0	Alpha (Night DEA Primary)
5841.0	Bravo
7300.0	Charlie
9497.0	Delta
11076.0	Echo (Day DEA Operations)
7657.0	Foxtrot
14690.0	Golf
18666.0	Hotel (Reportedly returned to FBI in 1995)
23675.0	India
14350.0	Lima
14686.0	Papa (DEA day Primary)
23402.5	Romeo
?	Sierra Alpha
?	Sierra Bravo
11073.5	Sierra Echo
17171.0	Sierra Hotel
18171.0	Sierra India (Reportedly returned to FBI in 1995)
19131.0	Sierra Juliet
?	Sierra Lima

WUN member John Bohn offered some updates to the "Sierra" frequencies listed above, but is looking for the frequency assigned to the 'Sierra Lima' designator. John says that if you have access to an FCC database, try searching for the frequencies assigned to Rockwell International with the following callsigns:

KA2XXA Richardson, TX
 KC2XKG Cedar Rapids, IA
 KC2XKJ Newport Beach, CA

The unknown "SB" and "SL" frequencies may be one of the following: 26946.0, 20348.5, 17171.0, 16376.0 and 16341.0 kHz. Rick Baker says that 18971.0 kHz may also be another.

U.S. Federal Aviation Administration

HF Recovery Communications (RCOM)

The Recovery Communications (RCOM) Program, mandated by a variety of United States national level documents including Presidential Executive Orders and National Security Decision Directives, was established to encompass all FAA emergency command and control communications (C3) systems and projects under one program. Emergency C3 systems are defined as those means of communications that the FAA employs to direct management, operations, and reconstitution of the National Airspace System (NAS) in support of Federal Aviation Administration (FAA), Department of Transportation (DOT), and Department of Defense (DOD) missions during national disasters or national security emergencies.

The FAA maintains a variety of fixed-position, portable, and transportable C3 communications systems for use in support of emergency operations. One such commonly heard C3 system is the RCOM/NARACS High Frequency/Single Side Band (HF/SSB) Net.

In 1995, the FAA approved the deployment of the RCOM HF/SSB upgrades and a five-year contract was awarded to Eastern Computer Incorporated (ECI) for the purpose of upgrading the FAA RCOM/National Radio Communications System (NARACS) HF network. ECI has installed the RCOM HF/SSB upgrade at all the FAA Region Offices and Emergency Operations Centers, and is the final phases of installing the NARACS/ALE upgrades at all Air Route Traffic Control Centers (ARTCCs).

FAA HF connectivity nets are conducted on Wednesday UTC. The East Coast net meets at 1545 UTC on 8125.0 kHz with KIT 88 as net control. The West Coast net was last reported on 13630.0 kHz at 1845 UTC.

FAA Recovery Communications/National Radio Communications System (RCOM/NARACS) HF SSB Network (U=USB/L=LSB)

WUN-v10

Frequencies (including ALE): 5860.0U 6870.0U 6870.0L 7475.0U/L
 7611.0U/L 8125.0U/L 9114.0U/L 11637.0U 13457.0U 13630.0U 15851.0U
 16348.0U kHz

Station List:

ALE Add	Location	Miscellaneous Information
DEFAULT	Unknown	Probably a FAA unit that has not set their ALE ID properly in their unit
FAA	Unknown	Probably not a properly loaded unit, has not been seen as a regular participant on the net
FAAAAL	Anchorage, AK	KDM 53-Alaska Region Office/EOC
FAAAACE	Kansas City, MO	KKU 40-Central Region Office/EOC
FAAACT	Atlantic City, NJ	KLM 80-William J. Hughes Tech Center
FAAACY	Atlantic City, NJ	WHZ 74-Flight Inspect Field Office
FAAAEA	Jamaica, NY	KJK 82-Eastern Region Office/EOC
FAAAGL	Des Plaines, IL	WHX 51-Great Lakes Region Office/EOC
FAAANE	Burlington, MA	WHX 45-New England Region Office/EOC
FAAANC	Anchorage, AK	WHZ 73-Flight Inspect Field Office
FAAANM	Renton, WA	WHX 20-NW Mtn Region Office/EOC
FAAASO	College Park, GA	KDM 49-Southern Region Office/EOC
FAAASW	Fort Worth, TX	KDM 47-Southwest Region Office/EOC
FAAATL	Atlanta, GA	KLM 44-Flight Inspect Field Office
FAAAMP	Fremont, CA	KMR 96-Oakland ARTCC
FAABTL	Battle Creek, MI	KLM 43-Flight Inspect Field Office
FAADCA	Washington, DC	KEM 80-FAA Headquarters
FAAEIC	Unknown	Eastern Computer Incorporated Contractor for FAA ARTCC RCOM HF Network upgrade)
FAAEKN	Unknown	And this is NOT a stn in Elkins, WV
FAAKLO	Boonsboro, MD	KLO 87-FAA Emergency Relocation Site <Tentative ID>
FAALGT	Longmont, CO	KCP 63-western US C3 NCS/SCS Mtn
FAAMRB	Martinsburg, WV	KIT 88-Eastern US C3 Net NCS
FAAOEX	Oklahoma City, OK	KIA 21-FAA Aeronautical Center
FAAOKC	Oklahoma City, OK	WHZ 77-Flight Inspect Field Office
FAASAC	Sacramento, CA	WHZ 78-Flight Inspect Field Office
FAASJU	San Juan, PR	KDM 45-San Juan ARTCC
FAAZAB	Albuquerque, NM	KGH 23-Albuquerque ARTCC
FAAZAN	Anchorage, AK	KBX 44-Anchorage ARTCC
FAAZBW	Nashua, NH	KLD 70-Boston ARTCC
FAAZDC	Leesburg, VA	KJK 80-washington ARTCC
FAAZDV	Longmont, CO	KCJ 70-Denver ARTCC
FAAZFW	Fort Worth, TX	KBQ 25-Fort worth ARTCC
FAAZHU	Houston, TX	KMU 31-Houston ARTCC
FAAZID	Indianapolis, IN	KLB 48-Indianapolis ARTCC
FAAZJX	Hilliard, FL	KJK 79-Jacksonville ARTCC
FAAZKC	Olathe, KS	KKA 82-Kansas City ARTCC
FAAZLA	Palmdale, CA	KJK 77-Los Angeles ARTCC
FAAZLC	Salt Lake Cty, UT	KDC 20-Salt Lake City ARTCC
FAAZMA	Miami, FL	KMA 47-Miami ARTCC
FAAZME	Memphis, TN	KDM 52-Memphis ARTCC
FAAZMP	Farmington, MN	KCJ 20-Minneapolis ARTCC
FAAZNY	Ronkonkoma, NY	KCD 73-New York ARTCC
FAAZOA	Fremont, CA	KMR 96-Oakland ARTCC
FAAZOB	Cleveland, OH	KLA 25-Cleveland ARTCC
FAAZSE	Auburn, WA	WHX 44-Seattle ARTCC
FAAZTL	Hampton, GA	KUV 64-Atlanta ARTCC
FAAZUA	Aurora, IL	KJB 96-Chicago ARTCC

1. FAA Southern Net meets on wednesday at 0900 ET on 6870 kHz LSB
 2. FAA Western Net meets on wednesday at 1230 ET on 13457 kHz USB
 3. FAA Eastern Net meets on wednesday at 1045 ET on 8125 kHz USB
- NCS: KIT88. Regular checkins: KEM80, KLM80, KLO87, KJK82, WHX45, KLD70, KJK80, WHX51, KJB96, KLA25, KLB48, KCJ20, KIA21, KDM49, KJK79, KMA47, KDM52, KUV64

Special thanks to Jack Metcalfe for his assistance in this section.

U.S. Federal Emergency Management Agency

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FEMA National Radio System (FNARS) HF Frequencies
 Frequency/Designator Matrix (USB/LSB)

F-01 2320.0	F-02 2360.0	F-03 2377.0	F-04 2445.0
F-05 2658.0*	F-06 3341.0*	F-07 3379.0	F-08 3388.0**
F-09 4603.0	F-10 4780.0**	F-11 5211.0	F-12 5378.0**
F-13 5402.0**	F-14 5821.0	F-15 5961.0**	F-16 6049.0
F-17 6106.0	F-18 6108.0	F-19 6151.0**	F-20 6176.0
F-21 6809.0*	F-22 7348.0*	F-23 7428.0**	F-24 9462.0*
F-25 10194.0*	F-26 10493.0*	F-27 10588.0*	F-28 11721.0
F-29 11801.0	F-30 11957.0	F-31 10899.0**	F-32 11108.0**
F-33 12129.0	F-34 12216.0*	F-35 11545.0	F-36 13446.0*
F-39 13780.0	F-38 13894.0**	F-37 13935.0	F-48 13956.0
F-41 14450.0	F-40 14567.0	F-42 14776.0*	F-43 14836.0
F-47 14871.0	F-44 14885.0*/**	F-45 14899.0**	F-46 14908.0**
F-50 15708.0*	F-49 15840.0	F-51 16201.0*	F-52 16238.0
F-53 17519.0*	F-54 18483.0	F-55 18744.0	F-57 19969.0*
F-58 20027.0	F-59 20063.0	F-56 20361.0	F-60 21866.0*
F-61 21919.0	F-62 22983.0*	F-63 23028.0	F-64 23390.0
F-65 23451.0	F-66 23550.0	F-67 23814.0	F-68 24008.0
F-69 24282.0	F-70 24526.0*	F-71 24819.0	

* indicates an old FEMA ALE network frequency
 ** indicated a new FEMA ALE network frequency

Note: It would appear that the designators above have changed and reports on this system would be appreciated.

Jack Metcalfe reported on the last weekend in July 2003 a new series of frequencies for the FEMA ALE net that have replaced the frequencies above. Please note the following frequencies are being used:

10899.0 11108.0 12112.0 13894.0 14885.0 14899.0 14908.0

Other FEMA ALE Frequencies

2414.0 4490.0 5135.0 5711.0 6151.0 7805.0 7806.4 8012.0 8050.0
 9106.0 10899.0 11108.0 11217.0 12112.0 11957.0 13984.0 15094.0
 17487.0 20107.0 22953.0

The information below was published in official MARS documents that are openly available on several internet websites. According to these MARS documents these designators are to be used by the membership in order to provide some sort of security for the FEMA National Emergency Coordination Net (NECN). The various MARS branches are suppose to use the designators below instead of announcing frequencies on the air.

Designator	Frequency	Mode
FEMA-1U	5211.0	USB
FEMA-1L	5211.0	LSB
FEMA-2U	10493.0	USB
FEMA-2L	10493.0	LSB
FEMA-3U	14567.0	USB
FEMA-3L	14567.0	LSB
FEMA-4U	13956.0	USB
FEMA-4L	13956.0	LSB

Other FEMA HF Assignments

2220.0 2258.0 2280.0 2317.5 2652.0 3206.5 3224.0 3342.5 4018.5
 4023.5 4031.5 4441.5 4598.5 4608.5 4883.5 4886.5 5303.5 5379.5
 5935.0 6804.5 6996.5 7361.5 8051.5 8161.5 9122.5 10871.5 11995.5
 12112.0 12250.5 13451.0 16315.5 17461.5 17481.5 17501.5 20414.0
 20444.5 20447.5 24060.0 24105.0 24135.0 24160.0 24191.0

Also published on open internet websites the following callsign list. MARS has now assigned callsigns listed below to the FEMA Mobile Emergency Response Support (MERS) Detachment Stations.

A. FEMA REGION 1:

- AAN1FMA, MAYNARD, MA
- AAN1FMB, MOBILE
- AAN1FMC, MOBILE
- AAN1FMD, MAYNARD, MA
- B. FEMA REGION 3
 - AAN3FMA, MT. WEATHER, VA
- C. FEMA REGION 4
 - AAN4FMA, THOMASVILLE, GA
 - AAN4FMB, MOBILE
 - AAN4FMC, MOBILE
 - AAN4FMD, MAYNARD, GA
 - AAN4FME, MAYNARD, GA
- D. FEMA REGION 6
 - AAN6FMA, DENTON, TX
 - AAN6FMB, MOBILE
 - AAN6FMC, MOBILE
 - AAN6FMD, DENTON, TX
 - AAN6FME, DENTON, TX
 - AAN6FMF, DENTON, TX
 - AAN6FMG, DENTON, TX
- E. FEMA REGION 8
 - AAN8FMA, DENVER, CO
 - AAN8FMB, MOBILE
 - AAN8FMC, MOBILE
 - AAN8FMD, DENVER, CO
- F. FEMA REGION 10
 - AAN0FMA, BROTHELL, WA

Scheduled Government HF Nets

Here is a list of the known United States Government nets.

++Federal Aviation Administration++
 Southern Region Net meets on wednesday at 0900 ET on 6870.0 LSB
 Eastern Region Net meets on wednesday at 1045 ET on 8125.0 USB
 Western Region Net meets on wednesday at 1230 ET on 13457.0 USB

Note: I have not monitored these nets in some time. If no reports are received in the near future I will remove them from these listings-LVH

++Federal Highway Administration (FHWA) Region 7 Coordination Net++
 This net starts at 1000 ET every wednesday using the following times and frequencies (last heard 20 Aug 2003):

Time(H+min)	Freq Desig	Freq (kHz)
H+00	F-14	4821.0
H+10	F-02	5255.0
H+20	F-03	7419.5
H+30	F-04	9197.0
H+40	F-05	10891.0
H+50	F-42	13434.0
H+60	Net Terminated	

++Missouri State Emergency Communications Net++
 Wednesday weekly net at 0930 CT (1530 winter/1430 summer UTC) on 5140.0 kHz USB.

++New Hampshire Emergency Operations Centers++
 Here's what Ron Perron has compiled on the New Hampshire Emergency Operations Center net. It is stuff that Jack Metcalfe, Mike Chace and Ron have all posted. Jack did the original work on the frequencies and ALE addresses. The net just grew from there as we listened in.

Frequencies (USB/ALE): 2414.0 5135.0 5136.6 5192.0 5193.4 7805.0 7806.4

Station List:
 BE1RL Berlin EOC

CE1NT Centerville EOC
 CO1NC Concord EOC
 H1LL Hillsborough EOC
 KE1EN Keene EOC
 LA1NC Lancaster EOC
 MI1LF Milford EOC
 NA1SH Nashua EOC
 PE1TE Peterborough EOC
 RO1CH Rochester EOC
 WPFJ625 New Hampshire State EOC, Concord NH

++Ohio Disaster Services Agency++
 Tuesday weekly net at 1400 UTC on 4640.0 kHz USB.
 Anyone else have any scheduled HF government nets they are aware of?

++Shared Resources (SHARES)++
 SHARES Coordination stations conduct a weekly net on all ten SCN
 frequencies (see US Government SHARES Program section below). The net is
 operational weekly on wednesday from 1600-1800 UTC.

-30-

NUMBERS & ODDITIES

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////////////////////////////////////\////////////////////////////////////
- Editor: Ary Boender          *****          e-mail: ary@luna.nl -
- Nickname on IRC channels #wun #monitor #numbers: Ary-B -
-
- Download the complete N&O newsletter from the N&O web site -
- http://home.luna.nl/~ary/ -
-
- Online database: Chris Smolinski <csmolinski@erols.com> -
- http://www.spynumbers.com/numbersDB/ -
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-::: N&O #78, October 2004 :::-

Hi friends of the world-wide numbers stations movement; here is the new edition of N&O. Ary is working on the WUN CD, and Jochen from Germany - the "kopf" - volunteered again - same procedure as last year, but this time with the logs section. Please don't forget to send logs to Ary's address. This month the numbers scene was again very active.

There are two things that I want to bring to your attention:

1. This is N&O 78. In 78 (I mean the year 1978) I found my first BND station (we call it "G16" today) - it was "LM". Unfortunately, I haven't any samples of this station any more. Do any of you have such old recordings? Please drop me a line, if you have some of them, at Jochen Schaefer <Jochen.Schupper@gmx.de>. Thanks in advance. You can find more about old recordings and numbers web pages within this edition.

2. In 2005 the "Numbers and Oddities" can celebrate a jubilee: 10 years ago, Ary started this column. He has all these issues from 1995 till today on his website. Many things have happened since 1995, but N&O stayed.

Although we don't have 2005 yet, I want to thank Ary in advance in the name of all for 10 years producing N&O, and we hope, that many further years will follow. - So enjoy this edition!

-0-0-0-0-0-0-0-0-0-0-

* VOICE STATIONS *

::: E03

Every month Axel from Germany brings us the IDs of Lincolnshire Poacher E03. Here they are.

1st half of October:

UTC	Mon	Tue	wed	Thu	Fri	Sat	Sun	UTC
1200	80431	80431	80431	80431	80431	80431	80431	1200
1300	87265	87265	87265	87265	87265	87265	87265	1300
1400	49168	25419	08683	73862	80431	77546	62370	1400
1500	62370	49168	25419	08683	73862	80431	45693	1500
1600	45693	62370	49168	25419	08683	73862	77546	1600
1700	77546	45693	62370	49168	25419	08683	80431	1700
1800	80431	77546	45693	62370	49168	25419	73862	1800
1900	73862	87265	77546	87265	62370	49168	87265	1900
2000	87265	80431	87265	45693	87265	62370	08683	2000
2100	08683	73862	80431	77546	45693	87265	25419	2100
2200	25419	08683	73862	80431	77546	45693	49168	2200

2nd half of October:

UTC	Mon	Tue	wed	Thu	Fri	Sat	Sun	UTC
1200	35270	35270	35270	35270	35270	35270	35270	1200
1300	23017	23017	23017	23017	23017	23017	23017	1300
1400	77492	64586	37829	24540	35270	13012	11128	1400
1500	11128	77492	64586	37829	24540	35270	66461	1500
1600	66461	11128	77492	64586	37829	24540	13012	1600
1700	13012	66461	11128	77492	64586	37829	35270	1700
1800	35270	13012	66461	11128	77492	64586	24540	1800
1900	24540	23017	13012	23017	11128	77492	23017	1900
2000	23017	35270	23017	66461	23017	11128	37829	2000
2100	37829	24540	35270	13012	66461	23017	64586	2100
2200	64586	37829	24540	35270	13012	66461	77492	2200

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::: E03a (E04)

Also Tomonori from Japan brings us the IDs of Cherry Ripe E03A (former E04) every month. Now here they are.

2nd half of September:

UTC	Sun	Mon	Tue	wed	Thu	Fri	UTC
0000		01832	11246	77007	21226	29133	0000
0100		11246	77007	21226	29133	12897	0100
1000		77007	21226	29133	12897	82509	1000
1100		21226	29133	12897	82509	77007	1100
1200		29133	12897	82509	77007	01832	1200
1300		12897	82509	77007	01832	11246	1300
1400							1400
2200	82509	77007	01832	11246	77007		2200
2300	77007	01832	11246	77007	21226		2300

1st half of October:

UTC	Sun	Mon	Tue	wed	Thu	Fri	UTC
0000		01832	08846	34005	21226	29133	0000
0100		08846	34005	21226	29133	31250	0100
1000		34005	21226	29133	31250	82509	1000
1100		21226	29133	31250	82509	34005	1100
1200		29133	31250	82509	34005	01832	1200
1300		31250	82509	34005	01832	08846	1300
1400							1400
2200	82509	34005	01832	08846	34005		2200

2300 34005 01832 08846 34005 ^{WUN-v10} 21226 2300

<<<<<>>>>

::: E10

This month there were only some "PCD! msgs, monitored on October 12th and 16th, 1900 UTC in USB by Aquila. But at the beginning of October, some of us could monitor the 6930 E10 "CIO2" sked for a long, long period. Mark Taylor in the USA monitored it on October 5th, 0100+ UTC, in USB, which was confirmed by Chris S., also USA, who heard the 6930 carrier in the evening "for extended periods, much like last year", as he writes. Also I (the Kopf) could monitor this freq in the evening for longer than the usual 5 minutes time slot at H+45. I also monitored "CIO2" on October 8th on 10125 for 20 minutes. At this time (0600-0620 UTC) the 6930 freq was already inactive. Such an irregular transmission on 10125 was also monitored 2 days later, on October 10th, 0420 UTC, by Brad in Sydney, Australia.

Back to 6930, Mark reports about a QSO during the "CIO2" transmission, which he monitored on October 20th. He reports:

"Someone was trying to QSO on 6930 USB in English between E 10 (CIO 2) broadcasts. It was amusing to hear them knock off, then start after. "I guess it's gone now."

E 10 broadcast "CIO 2" from 0130 - 0135 and 0145 - 0150. No message."

Thanks, Mark, for this new and interesting report and for your log.

On October 19th Tom from the USA reported hearing E10 on 7918 with jamming.
He writes:

"Heard on 7918 at 1600 UTC "YHF" with a lengthy 90 group message. About 3 minutes in.. after the ID and the start of message groups I hear a loud jammer come on.

Been hearing it frequently these days on many MOSSAD frequencies.

A bunch of us on dxtuners internet radio were listening and speculated that it could be Iranian jammers."

Thanks also to Tom for his report.

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::: E11B

On October 19th, Guy Denman from UK could monitor a new sked with msg after several ones with 0-msgs. The time was 0830, and it came on the standard freq 8544, calling "184/35). Thanks, Guy.

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::: S25

In the last N&O edition, we reported about Igor's S25 catch from September 24th. Here's another note from Igor, which comes from October 2nd:

"I think this tx just very rare but active now. I heard like tx 1-2 times in year."

Also Gert found a station, which could be S25, as he reported on October
Pagina 859

7th via the E2K group:

"In search of E17z (not found) I found a S25 kind of station on 11115 kHz. I know this station has been heard before, there is a sound sample placed in the files section on october 1st.

The station I heard today, thurs 7 oct 2004, 8.00 utc was as follows:

08.00 637 637 637 58124 58124

08.04 637 637 637 59064 59064

08.08 end

Id 637 is not used by any S06 or E06 stations in the last 13 months.

If I recall correctly, the original S25 did have two transmissions, each 20 min long and each divided in two parts.
So, in 40 minutes there are 4 groups given.

Now, there are two groups given and the time of transmission seems shortened to only twice 4 minutes.

I wonder if there is a second transmission somewhere. I searched but found nothing. ..."

Unfortunately, there were no replies about this station afterwards. So any reply is most welcome, if you know, if it's really S25.

<<<<>>>>

::: V02/02a

In this edition there are MANY reports about this mysterious station from Cuba. Firstly I want to thank all the guys and ladies for their reports, which now partially follow after another.

On October 2nd, Mark from the USA reports about a V2 transmission with irregular presentation of the number groups. He writes:

"V2a 10/2/04,6768 USB in progress at my tune in at 0109 and still on (0121).

Has a nasty buzz on the frequency, but the interesting thing is that the numbers the seniorita is intoning are irregular in presentation with some of the 5 number sets intoned regularly, with others with some numbers rushed, as though the recording was speeding up and slowing down in a highly erratic way. ..."

Later he explained, that the digits were irregularly spaced, so that he didn't think, it came from a worn-out voice machine or something like that.

This "irregular irregularity" was later confirmed by Tom H, also USA, who also didn't know the purpose of this.

Thanks to Mark and Tom for reporting their discoveries.

Chris S., USA, presented us with a very interesting post about V2, written in the Spy Numbers general chat forum on October 8th:

"One day about a year or two ago I was hunting down number stations. I found a carrier I thought sounded familiar just before the hour. I waited for the top of the hour and sure enough..... "attencion... attencion.... uno dos tres" It was a good strong signal. I decided to listen to it so I just left it on in the background for noise basically. I wish I had the recorder running. After about 5 minutes the audio abruptly stopped but the carrier was still there strong. About 10 or 20 seconds later I heard what sounded to me to be a US telephone switch make the familiar announcement "If you would like to make a call please hang up and try again. If you need help, hang up and call the operator. BEEP BEEP BEEP BEEP BEEP BEEP....." ETC. It sounds to me like the Spanish number station was definitely originating from this country via a telephone autopatch. The

WUN-v10

connection to the transmitter site must have been lost during the transmission and the transmitter just kept transmitting through the off the hook type message from the phone company....."

Indeed, that's VERY mysterious! Some of us numbers stations' friends, especially coming from the USA, who read this post, were also very astonished, and they started speculations about the purpose of this matter.

Chris S., USA, told us, that there was a conspiracy theory, that the V2/V2a transmission originally would come from the USA and not from Cuba, but, Chris went on, that was not a good theory. We know, that also the US had Spanish numbers station transmissions (I mean V5, the CIA in Spanish, which shut down a few years ago). But V2/2A and M8/8A (the sister station) are further transmitting, and - we remember - it went off the air, as Hurricane Ivan came across Cuba, and after a break of 3 or 4 weeks, the transmissions appeared gradually on the expected freqs. - Well, the reported phenomenos are mysterious and worth to monitor them the next time, but we didn't sort out these mysteries yet. So hopefully, we have more info about this "oddity" in the next edition of N&O. But anyway, thanks to Chris S. for posting these things.

Back to V2 logs, a last one comes from Chris S. He found V2 on October 15th on 10.715 kHz. He monitored again several irregularities:

"... Friday 10/15/2004 starting early at 1958 UTC. Callup was 888 16

Major problems for Castro's Clowns today. The record got stuck several times on uno, and we heard strings of 10 or 20 uno's in a row without pause. Still going now at 2008. ..."

-0-0-0-0-0-0-0-0-0-0-

* MORSE STATIONS *

::: M08

K6FIB from the USA found M08, the sister station from V02, we mentioned earlier. It was on October 21th, 1330 UTC, ending 4 minutes later, on 12093 kHz. He continues his report:

"Cut Numbers:

NWTGG AAWUR ETAIGA DTWMW MTTUG DUUSAT UIGUW DTTDN UNRMM UDIRR %DRG
MUTWU TGTDW GIAWU DDWMU RRIWR TADMN RUNRG MIUGA WIUAA

Very clean and good signal. RST 549. Right before it went off it had a strange partial dit (really quick) several times and sent 000.

I'm sure these are all computer generated, but this almost sounded like a mechanical malfunction occurring with a machine generated CW device."

Thank you, k6fib, for your report.

<<<<>>>>

::: M87

Igor from Russia caught M87 on October 5th, 0132 UTC, on 9854, with the callup "249". He further reports:

"This is station work every tue, thu, sat in 0130z on 9835 ... 9854 kHz (freq nonstabil).

Text:

249 249 249 91 91

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249 249 249 91 91
249 249 249 91 91

= =

041 041 37 37

= =

5td36 3tdnn ddt6d 6duua atn7d d675d 66a3d n6453 u5dta adt5n
454nn 355nu 53tt6 4d7uu 7d36n d3nt5 7a437 ua56a tn576 taa6u
6t4a3 u745n 5466n 447nu 474uu dnta7 dtn35 64aaa uu443 nuaan
a3464 an63t 6a77n a4atd 64du4 66d5d u73n4

= =

333 333

= =

041 041 37 37

= =

5td36 3tdnn ddt6d 6duua atn7d d675d 66a3d n6453 u5dta adt5n
454nn 355nu 53tt6 4d7uu 7d36n d3nt5 7a437 ua56a tn576 taa6u
6t4a3 u745n 5466n 447nu 474uu dnta7 dtn35 64aaa uu443 nuaan
a3464 an63t 6a77n a4atd 64du4 66d5d u73n4

= =

000 000 ttt "

<<<<<>>>>

::: UNID stations

TBiB from the USA wrote us via ENIGMA2000 about an UNID station, which he heard on October 13th, 2021 UTC, on 7556.0 kHz. His comment:

"Time is currently 2021Z and there is a CW transmission going on right now. 5-letter sets. I first started hearing it about 2016Z.

This is the same frequency upon which I heard the same sort of transmission last night around 0830Z. I'm in Texas.

Currently, the signal is weak. Last night it was quite strong. Time of day, I imagine, but I felt if I camped out on this frequency I'd hear something again."

<<<<<>>>>

Igor from Russia, who is very familiar with Morse stations, also found an UNID station, which came on October 18th, 0016 UTC, on 5611 kHz, callup: "544". He further writes, what he heard:

"544 544 544 (Repeat about 5 minutes)

= = =

ta6a3a4 ta6a3a4 (stopped)"

Also Vambo from CO, USA, found an UNID CW station on October 22th, 0300(?) UTC, on 4191 kHz: "manual unIDed CW fast with poor fist deap fades", as he writes.

Thanks to TBiB, Igor and Vambo for their logs.

-0-0-0-0-0-0-0-0-0-0-

* VARIOUS MODES *

::: X06

Mazielka calls only heard one time in month. It was on October 13th, 0854 - 0859 UTC, on 15836 kHz in AM, by Richard Ness in the UK, who emailed me the sound of it. He wasn't sure about the exact start time, but after the 6-tone-signal he heard nothing further.

Thanks a lot to Richard, also for emailing the sound, which I recorded on my 2 cassettes.

* MILITARY STATIONS *

::: USAF

The so called "EAM" (Emergency Action Message) stations, which are produced by the US Airforce, were heard several times this month. Here are some loggings from "coyote" in Spain, heard on 4724 kHz:

10/10/2004 19:30 UTC:Men spell number and letters
 12/10/2004 22:00 UTC:Men spell numbers and letters
 12/10/2004 22:30 UTC:Now is a woman
 12/10/2004 23:00 UTC:Again the men
 "U6WAMJ Stand by" repeat 3 times and the message "U6WOMJN6BWQ6....."

It was also monitored by C. J. Carpent in NC, USA, on October 19th, ca. 0720 UTC, also on 4724 kHz. He reports, that he first heard a woman, then a man spelling NATO letter groups; the msg ended about 2 minutes after he tuned in.

-0-0-0-0-0-0-0-0-0-0-

* INTELLIGENCE NEWS *

::: Germany

The 3rd of October is Germany's re-unification's day. This was the reason for 2 German TV stations to bring programmes about espionage from the GDR against the Federal Republic of Germany - and the other way around - during the cold war. - Daniel, one of my German correspondents for the "German Branch" of ENIGMA2000, kindly sent me an English description of the contents of these 2 interesting TV transmissions. Thanks, Daniel.

At October 3 the German TV station 3sat showed two programmes dealing with espionage.

The first programme was the feature film "Romeo" (with documentary background) showing how the HVA (Hauptverwaltung Aufklaerung, foreign intelligence office of the GDR) recruited west German women; they put special leading agents ("Fuehrungsoffiziere"), so-called "Romeos", on them to start a (pretended) love relation with the potential spy. The movie dramatizes (with many flashbacks) the relation of a west German female agent to her "Romeo" and to her daughter and how she comes to terms with that time on the occasion of her trial for high treason. Again, number stations were used here as a "decoration" in three scenes: In one scene, she sits in front of the radio and transmits 5FG amid tears. (Quite questionable IMHO since AFAIK numbers were rarely transmitted live and a spy would not use an easily locatable transmitter... See below for more on how they really did it.)

Another short scene shows him sitting in front of the radio receiving a 5FG transmission. Again, it seems to be a "mock-up" numbers station with a live male voice, to me it did not sound like a known real numbers station, but might resemble to G6.

One scene shows her again receiving (fake) numbers and she mumbles *whilst still receiving* the plaintext of the message! One Time Pad decryption *on the fly*, quite a performance! :->

The second programme that evening was a documentation about Klaus Kuron ("Klaus Kuron - Spion in eigener Sache"). Klaus Kuron joined the Bundesgrenzschutz (BGS, frontier police) in 1954, was an expert for radio and deciphering in the police headquarters radio station in Bonn, worked for the Verfassungsschutz in Cologne in 1962 (domestic security, political police), in 1967 executive (inspector) there and responsible for the surveillance of leftist political parties. He was talented in converting foreign agents to make them work as so-

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called Counter Men (CM) for the west German Verfassungsschutz. He later came to the opinion that the GDR did not necessarily disapprove and gradually gained sympathy for the political order there, finally making contact to the HVA (Hauptverwaltung Aufklaerung) and becoming their collaborator, i.e.

a double agent for the Verfassungsschutz and the HVA. In that programme, there were some interesting sentences:

(Comment, off:) "... After a few days time he receives the encrypted request via A3-radio to take part in a meeting in Brussels at an appointed weekend." (Is the term "A3-radio" ("A3-Funk") HVA jargon or do they mean the CCIR designator "A3" for AM Modulation?)

Further quotations from Kuron:

"... received the message via radio ..."

"... I was familiar with encryption and radio techniques from my times at the BGS ... normal text was converted into rows of numbers and compressed via a software supplied by the HVA. This text then was copied onto a dictaphone. With this dictaphone I then went to a telephone box and dubbed this row of numbers, which now only was a buzzing noise of two to three seconds [duration], to a certain phone number in the central office in [East-] Berlin."

=====
=====

[Source: historical, teletext news of the German TV station ARD, June 06, 2000]

"German news magazine "Focus": Siemens maintained Stasi computer

Technicians of the Munich sited Siemens group obviously maintained the central computer of the GDR foreign espionage organization for years without their knowledge. ...

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::: Cuba

In mid-October we heard, that a citizen from Cuba, called "Pedro", was charged with spying and arrested (probably by the USA?) for 15 years in prison in Matanza (Cuba?). - Since these days, the "irregular presentation" of V2/2a increased. We hope, that we get more info for the next N&O edition.

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* NUMBERS STATION WEB PAGES *

First a reminder: Simon Mason in UK - I would say the "crack" of numbers station web page designers! -, still runs his competition at <http://www.simonmason.karoo.net/appeal.htm>

He is searching for old numbers station recordings, which are missing on his website so far. Some entries are already there, but since August there nothing more has happened. So if you have old numbers station recordings, please send them to Simon's address <simon@simonmason.karoo.cu.uk>. An instruction for the competition and something about the prize, you can also find on the "appeal" website.

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Also Tom H from PA, USA, who made a website with numbers, plans to create a historical numbers website, and he asks for contributors. So here's his "appeal":

"I've decided on adding to my existing website a numbers historical page with old recordings of numbers stations of the past.

If anyone would like to contribute any recordings (any

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computer audio format is fine) please drop me an e-mail [swler007@yahoo.com] saying you would like to contribute, and I'd also like to know what recordings you could contribute.. if possible. I will give credit for all individuals who submit recordings. Due to my limited webspace, I can only take a limited amount of audio recordings.

My site mostly focuses on stations that are currently on the air; I'd like to focus on the past as well."

Currently, the site is
<http://hf-underground.tk>

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Also Jason from Canada, called "SEISM", made several websites with numbers station recordings. You can find them at
<http://www.archive.org/download/Seism.Guuk/>
or at
<http://www.geocities.com/jcampbell16662002>
Online discography:
<http://www.archive.org/audio/collection.php?collection=seism>

<<<<<>>>>

::: News from #monitor IRC Chat

Chris Smolinski, the Spooks moderator, informed us - twice this month - about an update for hobbyfriends, who don't have IRC clients:

"An update for those of you who don't have an irc client, you can access the #monitor channel through a web based chat, as well as a java based chat. Visit <http://www.zirc.org/chat/> and pick your nickname, and type in #monitor for the channel name.

As many of you know, several of us folks log on to the IRC channel #monitor to exchange real time loggings and listening tips, as well as idle chat while conditions are poor ;-)

#monitor used to be hosted on the ircnet network which, as some of you who have tried to connect to #monitor have discovered, was not a very stable network, and also it was very difficult to get access to it if you are not in Europe. There had also been some problems with certain people mis-using the channel.

There now is a solution. #monitor has moved to the zirc network. The zirc network is very stable, and has many servers. I have never had a problem accessing it here in the US, and there is good access from Europe and the rest of the world as well.

If you log onto the channel, and there doesn't seem to be any activity, just introduce yourself. There's almost always a few people lurking. Any radio related discussions are welcome, from longwave thru medium wave, shortwave, and into VHF/UHF and satellites. Utility stations, pirates, SWBC stations, etc. If it's radio related, it's welcome on #monitor.

You can get a full list of zirc irc servers here:
<http://www.zirc.org/servers/?n=n>

You can use the irc.zirc.org server, it redirects your irc client to a working server.

You'll need an irc client of course to get onto irc. Do some web searching if you don't have one, there's lots of them out there for Windows, Mac, Linux, etc."

Thanks, Chris. I hope, many of us will use this new possibilities.

-0-0-0-0-0-0-0-0-0-0-

* LOGS SECTION *

3150.0 E10 USB 4-10-2004 Mon 0230 (SE-C)
 3150.0 E10 USB 4-10-2004 Mon 2345 (SE-C)
 3150.0 E10 USB 4-10-2004 Mon 0000 (SE-C)
 3150.0 E10 USB 6-10-2004 wed 2330 (SE-C)
 3150.0 E10 USB 8-10-2004 Fri 0000 (SE-C)
 3150.0 E10 USB 9-10-2004 Sat 2030 (SE-C)
 3150.0 E10 USB 11-10-2004 Mon 0000 (SE-C)
 3291.0 V02a Presume V2A (AM) but clearer by fine tuning usb, spanish lady, overloading in FL AM 11-10-2004 Mon 0200 (LEA)
 3292.0 V02 V2 AM 11-10-2004 Mon 0200 (SE-C)
 3292.0 V02a Heard at my home QTH radio... very weak signal AM 12-10-2004 Tue 0157 (TH2)
 3360.0 E10 USB 3-10-2004 Sun 0015 (SE-C)
 3522.0 M10d ID: 555.. coming in very strong on DXTUNER Geneva Switzerland. CW 11-10-2004 Mon 2202 (Red)
 3522.0 M10d Good copy on Rommele Sweden internet tuner. ID: 555 CW 12-10-2004 Tue 0400 (Red)
 3522.0 M10d Listening on internet tuner in Geneva Switzerland.. very nice signal CW 19-10-2004 Tue 0400 (Red)
 3522.0 M10d Hearing it good on my rig here at home.. CW 19-10-2004 Tue 0430 (TH2)
 3522.0 M10d also good on the Geneva Internet tuner. CW 19-10-2004 Tue 0430 (Red)
 3868.0 S04 Edna Sednitzer Good sig with some fades: Listening on dxtuner: Rommele Sweden LSB 11-10-2004 Mon 2145 (Red)
 3922.0 V02a weak signal, not a very good copy. AM 19-10-2004 Tue 0159 (TH2)
 4015.0 V02a Listening in USB for better reception. AM 19-10-2004 Tue 0258 (TH2)
 4017.0 V02 V2 AM 11-10-2004 Mon 0300 (SE-C)
 4028.0 V02 AM 8-10-2004 Fri 0300 (SE-C)
 4028.0 V02a Call up 43345 34355 78353 AM 9-10-2004 Sat 0300 (MT2)
 4028.0 V02a Weak signal AM 15-10-2004 Fri 0100 (TH2)
 4028.0 V02a Strong with mingled noise in speech; overloading here in FL AM 15-10-2004 Fri 0500 (LEA)
 4191.0 unknown manual unIDed CW fast with poor fist deap fades CW 22-10-2004 Fri 03 (Vambo)
 4270.0 E10 PCD 41 VZTMY ,S5 USB 1-10-2004 Fri 1800 (JAQ)
 4270.0 E10 PCD 94 ?VEXK , S5 USB 1-10-2004 Fri 1830 (JAQ)
 4270.0 E10 PCD 11 FXQYW, S5 USB 1-10-2004 Fri 1900 (JAQ)
 4270.0 E10 PCD 87 ????? ,S5 USB 3-10-2004 Sun 1800 (JAQ)
 4270.0 E10 PCD 11 FXQYW, S5 USB 3-10-2004 Sun 1900 (JAQ)
 4270.0 E10 USB 8-10-2004 Fri 0230 (SE-C)
 4270.0 E10 PCD 57 KCVSF ,S5 USB 8-10-2004 Fri 1800 (JAQ)
 4270.0 E10 PCD EVEXK,S5 USB 8-10-2004 Fri 1830 (JAQ)
 4270.0 E10 PCD2, S5 USB 8-10-2004 Fri 1900 (JAQ)
 4270.0 E10 PCD 47 YAMHO ,S5 USB 11-10-2004 Mon 1800 (JAQ)
 4270.0 E10 PCD2, S5 USB 11-10-2004 Mon 1900 (JAQ)
 4270.0 E10 PCD 51 r/mv? ,S5 USB 12-10-2004 Tue 1800 (JAQ)
 4270.0 E10 PCD 94 EVEXK,S5 USB 12-10-2004 Tue 1830 (JAQ)
 4270.0 E10 PCD1, S5 USB 12-10-2004 Tue 1900 (JAQ)
 4270.0 E10 PCD 07 FNHIT ,S5 USB 15-10-2004 Fri 1800 (JAQ)
 4270.0 E10 PCD 94 EVEXK,S5 USB 15-10-2004 Fri 1830 (JAQ)
 4270.0 E10 PCD2, S5 USB 15-10-2004 Fri 1900 (JAQ)
 4270.0 E10 PCD 07 FNHIT ,S5 USB 16-10-2004 Sat 1800 (JAQ)
 4270.0 E10 PCD 94 EVEXK,S5 USB 16-10-2004 sat 1830 (JAQ)
 4270.0 E10 PCD1, S5 USB 16-10-2004 sat 1900 (JAQ)
 4454.0 S21 Russian lady... very good signal. AM 12-10-2004 Tue 1842 (Red)

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4454.0 S21 Russian lady, sweden tuner crashed, only catch half of
transmit. AM 21-10-2004 Thu 1843 (Red)

4455.0 S06 AM 9-10-2004 Sat 1914 (PFI)

4461.0 E10 FTJ2. S5 USB 3-10-2004 Sun 1800 (JAQ)

4461.0 E10 USB 6-10-2004 wed 0115 (SE-C)

4461.0 E10 FTJ2. S5 USB 8-10-2004 Fri 1800 (JAQ)

4461 E10 female voice, telling many times "FTJ", then "message
105"

USB 8-10-2004 Fri 2205 (Val)

4461.0 E10 FTJ2. S5 USB 11-10-2004 Mon 1800 (JAQ)

4461.0 E10 FTJ2. S5 USB 12-10-2004 Tue 1800 (JAQ)

4461.0 E10 FTJ2. S5 USB 15-10-2004 Fri 1800 (JAQ)

4461.0 E10 FTJ2. S5 USB 16-10-2004 Sat 1800 (JAQ)

4479.0 V02a Severe QRM on freq. AM 22-10-2004 Fri 0400 (TH2)

4485.0 M10d Callin 555.. good signal on Geneva internet tuner CW
23-10-2004 sat 0210 (Red)

4497 M12 638 638 638 000 19-10-2004 Tue 2020 (GD)

4555 M45 555-381/31=19532 12-10-2004 1802 (HFD)

4555 M45 555 381 381 31 31 19-10-2004 Tue 1802 (GD)

4560.0 E10 USB 9-10-2004 Sat 1630 (SE-C)

4588.0 G22 Listening in USB to avoid the QRM from Japanese naval
modem

nearby USB 14-10-2004 Thu 2201 (TH2)

4661.0 E10 USB 3-10-2004 Sun 2330 (SE-C)

4848 M01b 210 Rest U/R 19-10-2004 Tue 1820 (GD)

4870 M03 041/00 19-10-2004 Tue 0730 (GD)

4880.0 E10 ULX2,S5 USB 1-10-2004 Fri 1800 (JAQ)

4880.0 E10 ULX2,S5 USB 3-10-2004 Sun 1800 (JAQ)

4880.0 E10 ULX2, S5 USB 8-10-2004 Fri 1800 (JAQ)

4880.0 E10 USB 8-10-2004 Fri 0030 (SE-C)

4880.0 E10 ULX2, S5 USB 11-10-2004 Mon 1800 (JAQ)

4880.0 E10 ULX2, S5 USB 12-10-2004 Tue 1800 (JAQ)

4880.0 E10 ULX2, S5 USB 15-10-2004 Fri 1800 (JAQ)

4880.0 E10 ULX2, S5 USB 16-10-2004 Sat 1800 (JAQ)

5019 M10e 111 45879 20 71458 18 55623 19 29852 16 19-10-2004
Tue

0900 (GD)

5020 M01 463 453 453 30 30 19-10-2004 Tue 2000 (GD)

5078 M10 555 471 28 455 42 19-10-2004 Tue 1700 (GD)

5082 M03 211/00 19-10-2004 Tue 0815 (GD)

5091.0 E10 JSR2, S5 USB 1-10-2004 Fri 1800 (JAQ)

5091.0 E10 JSR 20 VXQIE, S5 USB 1-10-2004 Fri 1830 (JAQ)

5091.0 E10 JSR Progress, S5 USB 3-10-2004 Sun 1800 (JAQ)

5091.0 E10 JSR 24 ??????, S5 USB 3-10-2004 Sun 1830 (JAQ)

5091.0 E10 JSR2, S5 USB 8-10-2004 Fri 1800 (JAQ)

5091.0 E10 JSR 97 JPIUG. S5 USB 8-10-2004 Fri 1830 (JAQ)

5091.0 E10 JSR 24 BPQDU, S5 USB 8-10-2004 Fri 1900 (JAQ)

5091.0 E10 JSR 97 JPIUG. S5 USB 11-10-2004 Mon 1930 (JAQ)

5091.0 E10 JSR2, S5 USB 12-10-2004 Tue 1800 (JAQ)

5091.0 E10 JSR 97 JPIUG. S5 USB 12-10-2004 Tue 1830 (JAQ)

5091.0 E10 JSR 24 BPQDU,S5 USB 12-10-2004 Tue 1900 (JAQ)

5091.0 E10 JSR2, S5 USB 15-10-2004 Fri 1800 (JAQ)

5091.0 E10 JSR 94 97 JPIUG. S5 USB 15-10-2004 Fri 1830 (JAQ)

5091.0 E10 JSR 117 GVMGG,S5 USB 15-10-2004 Fri 1900 (JAQ)

5091.0 E10 JSR2, S5 USB 16-10-2004 Sat 1800 (JAQ)

5091.0 E10 JSR 94 97 JPIUG. S5 USB 16-10-2004 1830 (JAQ)

5091.0 E10 JSR 117 GVMGG,S5 USB 16.10-2004 Sat 1900 (JAQ)

5092.0 E10 JSR 117 RYIOA, S5 USB 1-10-2004 Fri 1900 (JAQ)

5092.0 E10 JSR 115 RYIOO, S5 USB 3-10-2004 Sun 1900 (JAQ)

5097 M12 638 638 638 000 19-10-2004 Tue 2000 (GD)

5170.0 E10 SYN2/6912 USB 10-10-2004 Sun 1645 (JS3)

5170.0 E10 SYN2. S5 USB 1-10-2004 Fri 1845 (JAQ)

5170.0 E10 SYN2. S5 USB 3-10-2004 Sun 1845 (JAQ)

5170.0 E10 SYN2,S4 USB 11-10-2004 Mon 1815 (JAQ)

5170.0 E10 SYN2. S5 USB 15-10-2004 Fri 1845 (JAQ)

5170.0 E10 SYN2. S5 USB 16-10-2004 Sat 1845 (JAQ)

5171.0 E10 SYN2,S4 USB 8-10-2004 Fri 1815 (JAQ)

5171.0 E10 SYN2. S5 USB 8-10-2004 Fri 1845 (JAQ)

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5171.0 E10 SYN2. S5 USB 11-10-2004 Mon 1845 (JAQ)
5171.0 E10 SYN2. S5 USB 12-10-2004 Tue 1845 (JAQ)
5230.0 E10 CIO2, S5 USB 1-10-2004 Fri 1845 (JAQ)
5230.0 E10 CIO2, S5 USB 8-10-2004 Fri 1845 (JAQ)
5230.0 E10 CIO2, S5 USB 11-10-2004 Mon 1845 (JAQ)
5230.0 E10 CIO2, S5 USB 12-10-2004 Tue 1845 (JAQ)
5230.0 E10 CIO2, S5 USB 15-10-2004 Fri 1845 (JAQ)
5230.0 E10 CIO2, S5 USB 16-10-2004 Sat 1845 (JAQ)
5301 S17c 68037, //8190 12-10-2004 1250 (HFD)
5339.0 E10 USB 6-10-2004 wed 2315 (SE-C)
5339.0 E10 in progress AM 10-10-2004 Sun 1645 (SE-C)
5417.0 V02a AM 15-10-2004 Fri 0151 (TH2)
5417.0 V02a Early callups AM 22-10-2004 Fri 0150 (Red)
5435.0 E10 ART2, S5 USB 1-10-2004 Fri 1800 (JAQ)
5435.0 E10 ART 15 ROJAS, S5 USB 1-10-2004 Fri 1830 (JAQ)
5435.0 E10 ART2, S5 USB 1-10-2004 Fri 1900 (JAQ)
5435.0 E10 USB 3-10-2004 Sun 1430 (SE-C)
5435.0 E10 AM 3-10-2004 sun 1500 (SE-C)
5435.0 E10 USB 3-10-2004 Sun 1630 (SE-C)
5435.0 E10 ART2, S5 USB 3-10-2004 Sun 1800 (JAQ)
5435.0 E10 ART 92 NVTNJ, S5 USB 3-10-2004 sun 1830 (JAQ)
5435.0 E10 ART2, S5 USB 3-10-2004 Sun 1900 (JAQ)
5435.0 E10 mega jamming ov freq. USB 3-10-2004 Sun 2230 (SE-C)
5435.0 E10 mega jamming ov freq. USB 3-10-2004 Sun 2300 (SE-C)
5435.0 E10 mega jamming ov freq. USB 3-10-2004 Sun 0030 (SE-C)
5435.0 E10 mega jamming ov freq. USB 4-10-2004 Mon 2245 (SE-C)
5435.0 E10 mega jamming ov freq. USB 4-10-2004 Mon 2300 (SE-C)
5435.0 E10 mega jamming ov freq. USB 4-10-2004 Mon 0015 (SE-C)
5435.0 E10 mega jamming ov freq. USB 4-10-2004 Mon 0045 (SE-C)
5435.0 E10 USB 6-10-2004 wed 2300 (SE-C)
5435.0 E10 AM 6-10-2004 wed 0030 (SE-C)
5435.0 E10 ART2, S5 USB 8-10-2004 Fri 1800 (JAQ)
5435.0 E10 ART 18 HMRRK, S5 USB 8-10-2004 Fri 1830 (JAQ)
5435.0 E10 ART2, S5 USB 8-10-2004 Fri 1900 (JAQ)
5435.0 E10 USB 8-10-2004 Fri 0045 (SE-C)
5435.0 E10 2 messages USB 8-10-2004 Fri 0130 (SE-C)
5435.0 E10 USB 9-10-2004 Sat 1430 (SE-C)
5435.0 E10 USB 9-10-2004 Sat 1500 (SE-C)
5435.0 E10 USB 9-10-2004 Sat 1545 (SE-C)
5435.0 E10 USB 9-10-2004 Sat 2015 (SE-C)
5435.0 E10 USB 9-10-2004 Sat 2030 (SE-C)
5435.0 E10 USB 9-10-2004 sat 2300 (SE-C)
5435.0 E10 USB 9-10-2004 Sat 0045 (SE-C)
5435.0 E10 AM 10-10-2004 Sun 1545 (SE-C)
5435.0 E10 in progress AM 10-10-2004 Sun 1630 (SE-C)
5435.0 E10 E10 USB 11-10-2004 Mon 1515 (SE-C)
5435.0 E10 ART2, S5 USB 11-10-2004 Mon 1800 (JAQ)
5435.0 E10 ART2, S5 USB 11-10-2004 Mon 1830 (JAQ)
5435.0 E10 ART2, S5 USB 11-10-2004 Mon 1900 (JAQ)
5435.0 E10 E10 USB 11-10-2004 Mon 2000 (SE-C)
5435.0 E10 E10 USB 11-10-2004 Mon 0030 (SE-C)
5435.0 E10 ART2, S5 USB 12-10-2004 Tue 1800 (JAQ)
5435.0 E10 ART2, S5 USB 12-10-2004 Tue 1830 (JAQ)
5435.0 E10 ART2, S5 USB 12-10-2004 Tue 1900 (JAQ)
5435.0 E10 ART2, S5 USB 15-10-2004 Fri 1800 (JAQ)
5435.0 E10 ART2, S5 USB 15-10-2004 Fri 1830 (JAQ)
5435.0 E10 ART2, S5 USB 15-10-2004 Fri 1900 (JAQ)
5435.0 E10 ART2, S5 USB 16-10-2004 Sat 1800 (JAQ)
5435.0 E10 ART2, S5 USB 16-10-2004 Sat 1830 (JAQ)
5435.0 E10 ART2, S5 USB 16-10-2004 Sat 1900 (JAQ)
5435.0 E10 USB 18-10-2004 Mon 15
5474 M01 463 12-10-2004 1800 (HFD)
5474.0 S10d AM 21-10-2004 Thu 2130 (Red)
5475 M01 463 Rest U/R 19-10-2004 Tue 1800 (GD)
5680 S06 624-847/ 5=85508 12-10-2004 1800 (HFD)
5680 S06 624-847/ 5=85508 12-10-2004 1810 (HFD)
5680.0 S06 Russian man... impressive 20 over 9 on the sweden EWE
array tuner AM 12-10-2004 Tue 1842 (Red)

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5680 S06 624 624 624 00000 19-10-2004 Tue 1800 (GD)
5611 544: Unid CW, machine CW 18-10-2004 0016 (IB)
5760 S06 374 374 374 00000 19-10-2004 Tue 0700 (GD)
5761.0 V2 AM 8-10-2004 Fri 0200 (SE-C)
5820.0 E10 YHF 69 WANIS, S5 USB 1-10-2004 Fri 1800 (JAQ)
5820.0 E10 YHF ?? KMTKS, S5 USB 1-10-2004 Fri 1900 (JAQ)
5820.0 E10 YHF 87 RJYZT, S5 USB 3-10-2004 Sun 1800 (JAQ)
5820.0 E10 YHF 24 SHYYP, S5 USB 3-10-2004 Sun 1830 (JAQ)
5820.0 E10 YHF 33 NAMHY, S5 USB 3-10-2004 Sun 1900 (JAQ)
5820.0 E10 YHF 79 ISVRZ, S5 USB 8-10-2004 Fri 1900 (JAQ)
5820.0 E10 YHF 69 WANIS, S5 USB 11-10-2004 Mon 1800 (JAQ)
5820.0 E10 YHF 54 HOLLW, S5 USB 11-10-2004 Mon 1900 (JAQ)
5820.0 E10 YHF 69 WANIS, S5 USB 12-10-2004 Tue 1800 (JAQ)
5820.0 E10 YHF 54 HOLLW, S5 USB 12-10-2004 Tue 1900 (JAQ)
5820.0 E10 YHF 78 YDSFG, S5 USB 15-10-2004 Fri 1800 (JAQ)
5820.0 E10 YHF 87 NHYJY, S5 USB 15-10-2004 Fri 1900 (JAQ)
5820.0 E10 YHF 78 YDSFG, S5 USB 16-10-2004 Sat 1800 (JAQ)
5820.0 E10 YHF 87 NHYJY, S5 USB 16-10-2004 Sat 1900 (JAQ)
5945.0 M10d Calling "555" Listening on dxtuner: Rommele Sweden CW
11-10-2004 Mon 1500 (Red)
6208 M13 572 = 242 20 = 19-10-2004 Tue 0600 (GD)
6270.0 E10 ULX2, S5 USB 1-10-2004 Fri 1830 (JAQ)
6270.0 E10 ULX2, S5 USB 3-10-2004 Sun 1830 (JAQ)
6270.0 E10 ULX2, S5 USB 8-10-2004 Fri 1830 (JAQ)
6270.0 E10 in progress AM 10-10-2004 Sun 1500 (SE-C)
6270.0 E10 ULX2, S5 USB 11-10-2004 Mon 1830 (JAQ)
6270.0 E10 ULX2, S5 USB 12-10-2004 Tue 1830 (JAQ)
6270.0 E10 ULX2, S5 USB 15-10-2004 Fri 1830 (JAQ)
6270.0 E10 ULX2, S5 USB 16-10-2004 Sat 1830 (JAQ)
6464.0 S06 Russian man strong into Sweden tuner. AM 21-10-2004 Thu
1700 (Red)
6485 M03 552/00 19-10-2004 Tue 0930 (GD)
6739.1 Phenoic Alphabet USB 12-10-2004 Tue 0100
6768.0 V02a In progress; numbers sped up and slowed irregularly USB
2-10-2004 sat 0109 (MT2)
6768.0 V02a call up 67811 27484 88193 int o message. USB 9-10-2004
Sat
0058 (MT2)
6768.0 V02a AM 11-10-2004 Mon 0349 (TH2)
6782 M12 749 749 749 1 7839 141 7839 141 19-10-2004 Tue 1600
(GD)
6810 S06 254:0 12-10-2004 1950 (HFD)
6839.0 E10 EZI 56 HQTHX , S5 USB 8-10-2004 Fri 1800 (JAQ)
6839.0 E10 EZI 56 HQTHX , S5 USB 11-10-2004 Mon 1800 (JAQ)
6839.0 E10 EZI 56 HQTHX/9130 , S5 USB 12-10-2004 Tue 1800 (JAQ)
6839.0 E10 EZI 42 IWRBE , S5 USB 15-10-2004 Fri 1800 (JAQ)
6839.0 E10 EZI 42 IWRBE , S5 USB 16-10-2004 Sat 1800 (JAQ)
6840.0 E10 EZI 2, / 9130 S5 USB 1-10-2004 Fri 1900 (JAQ)
6840.0 E10 AM 2-10-2004 Sat 1930 (SE-C)
6840.0 E10 AM 2-10-2004 Sat 2030 (SE-C)
6840.0 E10 AM 2-10-2004 Sat 2130 (SE-C)
6840.0 E10 EZI 2, S5 USB 3-10-2004 Sun 1900 (JAQ)
6840.0 E10 AM 3-10-2004 Sun 2200 (SE-C)
6840.0 E10 USB 4-10-2004 Mon 2330 (SE-C)
6840.0 E10 AM 9-10-2004 Sat 2030 (SE-C)
6840.0 E10 AM 9-10-2004 Sat 0100 (SE-C)
6840.0 E10 E10 USB 11-10-2004 Mon 0530 (SE-C)
6840.0 E10 EZI2/9130, S5 USB 11-10-2004 Mon 1900 (JAQ)
6840.0 E10 AM 11-10-2004 Mon 2030 (SE-C)
6840.0 E10 EZI2/9130, S5 USB 12-10-2004 1900 (JAQ)
6840.0 E10 in progress // 9130 USB 21-10-2004 Thu 0217 (MT2)
6840.0 E10 EZI. // 9130 USB 21-10-2004 Thu 0232 (MT2)
6855.0 V02a Very strong.. later WYFR came on and caused bad QRM. AM
11-10-2004 Mon 0254 (TH2)
6868.0 V02 strong signal AM 11-10-2004 Mon 0400 (SE-C)
6890.0 E10 EZI; // 9130 USB 24-10-2004 Sun 0233 (MT2)
6912.0 E10 SYN2, S5 USB 8-10-2004 Fri 1815 (JAQ)
6912.0 E10 USB 8-10-2004 Fri 0045 (SE-C)

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6912.0 E10 SYN2/5170 USB 10-10-2004 Sun 1645 (JS3)
6912.0 E10 E10 USB 11-10-2004 Mon 0515 (SE-C)
6912.0 E10 SYN2,S5 USB 11-10-2004 Mon 1815 (JAQ)
6926.0 E07 E7 Calling 74/000 Listening on Sweden internet tuner AM
14-10-2004 Thu 2050 (Red)
6926.0 E07 Calling 721/1 AM 21-10-2004 Thu 2030 (Red)
6930.0 E10 CIO2, S5 USB 1-10-2004 Fri 1845 (JAQ)
6930.0 E10 USB 2-10-2004 Sat 2145 (SE-C)
6930.0 E10 CIO2, S5 USB 3-10-2004 Sun 1845 (JAQ)
6930.0 E10 in progress. Very weak. USB 5-10-2004 Tue 0146 (MT2)
6930.0 E10 USB 8-10-2004 Thu 0545 (SE-C)
6930.0 E10 CIO2, S5 USB 8-10-2004 Fri 1845 (JAQ)
6930.0 E10 CIO2 USB 10-10-2004 Sun 1645 (JS3)
6930.0 E10 E10 USB 11-10-2004 Mon 1545 (SE-C)
6930.0 E10 CIO2, S5 USB 11-10-2004 Mon 1845 (JAQ)
6930.0 E10 CIO2, S5 USB 12-10-2004 Tue 1845 (JAQ)
6930.0 E10 CIO2, S5 USB 15-10-2004 Fri 1845 (JAQ)
6930.0 E10 CIO2, S5 USB 16-10-2004 Sat 1845 (JAQ)
6930.0 E10 "CIO 2" no message. Someone else was QSO before and
after.
6930.0 E10 USB 20-10-2004 wed 0131 (MT2)
6930.0 E10 "CIO 2" no message. Someone was on a QSO before and
after.
6945.0 S10d USB 20-10-2004 wed 0146 (MT2)
6945.0 S10d Calling "555" Very strong Listening on dxtuner: Rommele
Sweden AM 11-10-2004 Mon 1740 (Red)
6945.0 S10d 555 114 35 19-10-2004 Tue 1740 (GD)
6945.0 S10d Heard on my radio here at home.. AM 19-10-2004 Tue 0153
(TH2)
6959.0 E03 in progress USB 10-10-2004 sun 1900 (SE-C)
6960.0 E03 USB 18-10-2004 Mon 17
7320 S06 418-290/ 5=45031 12-10-2004 0800 (HFD)
7320 S06 418 418 418 00000 19-10-2004 Tue 0800 (GD)
7338.0 E03 USB 18-10-2004 Mon 18
7426 M13 272 = 285 22 = 19-10-2004 Tue 2100 (GD)
7445.0 E10 in progress USB 9-10-2004 Sat 1615 (SE-C)
7556.0 E10 Time is currently 2021Z and there is a CW transmission
...
5-letter sets. CW 13-10-2004 2016 - 2021 (TBiB)
7605.0 E10 USB 3-10-2004 Sun 2345 (SE-C)
7605.0 E10 USB 8-10-2004 Fri 0045 (SE-C)
7657 M12 749 749 749 1 7839 141 7839 141 19-10-2004 Tue 1620
(GD)
7745.0 M10d Very weak, fading above the noiseline at times. CW
12-10-2004 Tue 1951 (TH2)
7760.0 E10 USB 3-10-2004 Sun 1530 (SE-C)
7760.0 E10 USB 3-10-2004 Sun 0100 (SE-C)
7760.0 E10 in progress AM 10-10-2004 Sun 1500 (SE-C)
7760.0 E10 E10 USB 11-10-2004 Mon 1530 (SE-C)
7894 M12 124 124 124 1 941 84 941 84 19-10-2004 Tue 1740 (GD)
7894 M12 124 124 124 1 7839 141 7839 141 19-10-2004 Tue 1940
(GD)
7918.0 E10 USB 3-10-2004 Sun 1400 (SE-C)
7918.0 E10 in progress USB 09-10-2004 Sat 1600 (SE-C)
7918.0 E10 in progress AM 10-10-2004 Sun 1430 (SE-C)
7918.0 E10 in progress AM 10-10-2004 Sun 1500 (SE-C)
7918.0 E10 in progress AM 10-10-2004 Sun 1615 (SE-C)
7918.0 E10 in progress USB 10-10-2004 Sun 1930 (SE-C)
7918.0 E10 E10 USB 11-10-2004 Mon 2015 (SE-C)
7918.0 E10 E10 USB 11-10-2004 Mon 0330 (SE-C)
7918.0 E10 E10 USB 13-10-2004 wed 0200 (SE-C)
7918.0 E10 in progress. Message 0137. USB 17-10-2004 sun 0135 (MT2)
7918.0 E10 YHF 2 No message. USB 17-10-2004 sun 0203 (MT2)
7918.0 E10 AM 18-10-2004 Mon 15
7918.0 E10 USB 19-10-2004 Tue 1508 (DNZ)
7918.0 E10 E10's YHF.. 72 group message. Jamming signal came on
immediately AM 21-10-2004 Thu 1432 (Red)
7918.0 E10 E10's YHF 90 message group.. heavy jamming on freq. AM

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21-10-2004 Thu 1601 (Red)
 8077.0 E07 English man calling 721/1 AM 21-10-2004 Thu 2010 (Red)
 8097.0 V02a solid signal into NE PA. AM 14-10-2004 Thu 0450 (TH2)
 8097.0 V02a in progress AM 14-10-2004 Thu 0515 (Spork)
 8097.0 V02a AM 14-10-2004 Thu 0600 (TH2)
 8170 S06 254:0 12-10-2004 1850 (HFD)
 8173 M12 749 749 749 1 7839 141 7839 141 19-10-2004 Tue 1640
 (GD)
 8175 M10 555 106 35 434 29 19-10-2004 Tue 1410 (GD)
 8186 M08a 02752 10711 59811 19-10-2004 Tue 0700 (GD)
 8188.0 E23 E23/strong signal.. heavy QRM from S17C carrier aM
 7-10-2004 Thu 1220 (Red)
 8190.0 S17c USB 3-10-2004 sun 1250 (SE-C)
 8190.0 S17c 555, strong strong signal. AM 7-10-2004 Thu 1250 (Red)
 8190.0 S17c Excellent signal on the Sweden internet tuner, S17C
 calling "555" AM 12-10-2004 Tue 1250 (Red)
 8190.0 S17c "555" good signal on the Internet tuner AM 14-10-2004 Thu
 1250 (Red)
 8190 S17c 73029 19-10-2004 Tue 1250 (GD)
 8190.0 S17c Calling "555" Very strong into the sweden internet tuner.
 AM 21-10-2004 Thu 1250 (Red)
 8190.0 S17c Calling 555. AM 22-10-2004 Fri 1250 (Red)
 8196 M03 284/00 19-10-2004 Tue 0915 (GD)
 8455 M13 "261" 3-10-2004 1903 (CS)
 8464.0 E03 USB 9-10-2004 sat 1900 (SE-C)
 8464.0 E03 USB 10-10-2004 Sun 2000 (SE-C)
 8464.0 E03 USB 10-10-2004 Sun 2200 (SE-C)
 8522.0 M10D Good copy on Rommele Sweden internet tuner: ID: 555 CW
 12-10-2004 Tue 0430 (Red)
 8544.0 E11 E11 Calling: 321/00 Excellent signal on the Sweden
 internet tuner. USB 12-10-2004 Tue 1230 (Red)
 8544 E11 182/00 12-10-2004 0830 (HFD)
 8544 E11 312/00 12-10-2004 1230 (HFD)
 8544 E11b 184/35 19-10-2004 Tue 0830 (GD)
 8544 E11 312/00 19-10-2004 Tue 1230 (GD)
 8544.0 E11 Calling 183/00 USB 22-10-2004 Fri 1230 (Red)
 8759 E11 312/00 19-10-2004 Tue 1030 (GD)
 8800.0 E11 Calling "183/00" USB 12-10-2004 Tue 1300 (Red)
 8800 E11 183/00 19-10-2004 Tue 1300 (GD)
 8841 M13 746 = 246 21 = 19-10-2004 Tue 2120 (GD)
 9130.0 E10 EZI 60 IQWZH , s5 USB 1-10-2004 Fri 1800 (JAQ)
 9130.0 E10 EZI 60 IQWZH , s5 USB 3-10-2004 Sun 1800 (JAQ)
 9130.0 E10 EZI2, s5 USB 3-10-2004 Sun 1830 (JAQ)
 9130.0 E10 USB 7-10-2004 Thu 0545 (SE-C)
 9130.0 E10 EZI2, s5 USB 8-10-2004 Fri 1830 (JAQ)
 9130.0 E10 USB 8-10-2004 Fri 2300 (SE-C)
 9130.0 E10 in progress AM 10-10-2004 Sun 1645 (SE-C)
 9130.0 E10 EZI2, s5 USB 11-10-2004 Mon 1830 (JAQ)
 9130.0 E10 EZI2, s5 USB 12-10-2004 Tue 1830 (JAQ)
 9130.0 E10 in progress. QRM from Sp. QSO. USB 17-10-2004 sun 0207
 (MT2)
 9130.0 E10 USB 18-10-2004 Mon 17
 9130.0 E10 in progress // 6840 USB 21-10-2004 Thu 0217 (MT2)
 9130.0 E10 Test "EZI" at 0226 & 0227. Start 0232 // 6840 for xmsn.
 USB 21-10-2004 Thu 0226 (MT2)
 9130.0 E10 E10's EZI with an 86 group message. Heavy jamming as
 usual.
 AM 21-10-2004 Thu 1730 (Red)
 9130.0 E11 USB 22-10-2004 Fri 1200 (Red)
 9130.0 E10 AM 24-10-2004 Sun 0233 (MT2)
 9130.0 E10 EZI // 6840 USB 24-10-2004 Sun 0233 (MT2)
 9130.0 E10 EZI; possible // 6840 blocked by very strong RTTY like
 signal on USB USB 24-10-2004 Sun 0302 (MT2)
 9132.0 E10 USB 18-10-2004 Mon 17
 9148 XP It's a short message today: ID172 dk/gc 00363/00059
 5-10-2004 0600 (PB)
 9148 XP msg 12-10-2004 0600 (HFD)

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9148 XP 172 172 172 1 19-10-2004 Tue 0600 (GD)
 9150 S06 monitored in progress. 5-10-2004 1730 (JS3)
 9150 S06 403:0 12-10-2004 1730 (HFD)
 9150 S06 403 403 403 00000 19-10-2004 Tue 1730 (GD)
 9153.0 USB 22-10-2004 Fri 1321 (Ham)
 9166.0 M10d Heard with a weak signal in my home rig in Pennsylvania,
 USA CW 12-10-2004 Tue 1951 (TH2)
 9166 M12 124 124 124 1 941 84 941 84 19-10-2004 Tue 1720 (GD)
 9166 M12 124 124 124 1 7839 141 7839 141 19-10-2004 Tue 1920
 (GD)
 9251.0 E03 USB 10-10-2004 Sun 2100 (SE-C)
 9251.0 E03 E3 USB 11-10-2004 Mon 1800 (SE-C)
 9251.0 E03 ID: 73862 Listening on dxtuner: Rommele Sweden USB
 11-10-2004 Mon 1900 (Red)
 9251.0 E03 E3 USB 11-10-2004 Mon 1900 (SE-C)
 9251.0 E03 ID: 99014 Listening on dxtuner: Rommele Sweden USB
 11-10-2004 Mon 2101 (Red)
 9251.0 E03 ID 13012 USB 19-10-2004 Tue 1800 (DNZ)
 9268 M12 251 251 251 000 19-10-2004 Tue 0600 (GD)
 9323.0 V02a AM 14-10-2004 Thu 0400 (TH2)
 9323 M08A IP Call missed 19-10-2004 Tue 1000 (GD)
 9325.0 V02a Very strong signal --- Rxd on my radio rig at home here
 in PA AM 14-10-2004 Thu 0351 (TH2)
 9331.0 V02 strong signal AM 11-10-2004 0600 (SE-C)
 9343 M13 517 = 246 20 = 19-10-2004 Tue 1900 (GD)
 9343 M13 517 = 246 20 =1900 9343 M13 517 = 246 20 =
 19-10-2004
 Tue 2000 (GD)
 9365.0 E07 Calling 637.. 1 message. Heavy interference from
 Broadcast
 stn.. AM 11-10-2004 Mon 2021 (Red)
 9367 E07 637:0 6-10-2004 2020 (HFD)
 9840 S06 418-290/ 5=45031 12-10-2004 0810 (HFD)
 9840 S06 418 418 418 00000 19-10-2004 Tue 0810 (GD)
 9854 M87 249: MCW 5Fcut CW 5-10-2004 0132 (IB)
 9985 M10 555 038 33 549 23 19-10-2004 Tue 1720 (GD)
 10125.0 E10 USB 3-10-2004 Sun 1445 (SE-C)
 10125 E10 CIO2 AM 8-10-2004 Fri 0600 - 0620 (JS3)
 10125.0 E10 CIO2 USB 10-10-2004 Sun 0420 (brad)
 10125.0 M08a Good sig on my home rig. CW 12-10-2004 Tue 0302 (TH2)
 10127 M08a IP Call missed 19-10-2004 Tue 0900 (GD)
 10343 M12 124 124 124 1 941 84 941 84 19-10-2004 Tue 1700 (GD)
 10343 M12 124 124 124 1 7839 141 7839 141 19-10-2004 Tue 1900
 (GD)
 10420 S06 352 352 352 00000 19-10-2004 Tue 0810 (GD)
 10426.0 E03 USB 18-10-2004 Mon 14
 10446.0 V02 strong signal AM 11-10-2004 Mon 0300 (SE-C)
 10446.0 V02a Early calls AM 11-10-2004 Mon 0451 (TH2)
 10446.0 V02 strong signal AM 11-10-2004 Mon 0500 (SE-C)
 10568 M12 251 251 251 000 19-10-2004 Tue 0620 (GD)
 10655 E07 Calling 637 with 1 message. Listening on dxtuner: Rommele
 Sweden AM 11-10-2004 Mon 2000 (Red)
 10657 E07 637:0 as last year 6-10-2004 2000 (HFD)
 10715 V02 starting early at 1958, callup was 888 16 ... The record
 got stuck several times on uno 15-10-2004 Fri 1958 (CS)
 10715.0 V02 V2 calling 888/16 262/166 AM 22-10-2004 Fri 2000 (Red)
 10728 M03 503/00 19-10-2004 Tue 0745 (GD)
 10788 XP msg - ID = 172 AM 8-10-2004 Fri 0620 (JS3)
 10788 XP msg 12-10-2004 0620 (HFD)
 11115 S25? 08.00 637 637 637 58124 58124, 08.04 637 637 637
 59064
 59064, 08.08 end 7-10-2004 Thu 0800 - 0808 (GN)
 11135 S06 352 352 352 00000 19-10-2004 Tue 0800 (GD)
 11416 M10 555 420 37 531 22 19-10-2004 Tue 1640 (GD)
 11433 M08a 31872 32752 08652 19-10-2004 Tue 0800 (GD)
 11454 E07 ip, 2nd not found 6-10-2004 1705 (HFD)
 11470 S06 403:0 12-10-2004 1630 (HFD)
 11545.0 E03 USB 3-10-2004 sun 1400 (SE-C)

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11545.0 E03 USB 3-10-2004 Sun 1600 (SE-C)
 11545.0 E03 in progress USB 9-10-2004 Sat 1600 (SE-C)
 11545.0 E03 USB 9-10-2004 Sat 1700 (SE-C)
 11545.0 E03 USB 9-10-2004 Sat 1800 (SE-C)
 11545.0 E03 USB 9-10-2004 Sat 2000 (SE-C)
 11545.0 E03 in progress USB 9-10-2004 Sat 2100 (SE-C)
 11545.0 E03 USB 9-10-2004 Sat 2200 (SE-C)
 11545.0 E03 in progress USB 10-10-2004 Sun 1500 (SE-C)
 11545.0 E03 in progress USB 10-10-2004 Sun 1600 (SE-C)
 11545.0 E03 E3 USB 11-10-2004 Mon 1700 (SE-C)
 11545.0 E03 USB 11-10-2004 Mon 2242 (AtB)
 11545.0 E03 USB 18-10-2004 Mon 15
 11545.0 E03 USB 18-10-2004 Mon 17
 12093 M08 21-10-2004 1330 (k6fib)
 12150 M55 698 698 698 000 000 19-10-2004 Tue 1300 (GD)
 12190 S06 493:0 not heard on wednesday 5-10-2004 1500 (HFD)
 12208 XP AM 8-10-2004 Fri 0640 (JS3)
 12208 XP msg 12-10-2004 0640 (HFD)
 12208 XP ID = 172, DK/GC 00587/00117 AM 12-10-2004 Tue 0640 (JS3)
 12208 XP ID = 172, DK/GC 00436/00205 AM 19-10-2004 Tue 0640 (JS3)
 12376.0 E10 in progress AM 10-10-2004 Sun 1445 (SE-C)
 12603.0 E03 in progress USB 10-10-2004 Sun 1800 (SE-C)
 13375.0 E03 in progress USB 10-10-2004 Sun 1700 (SE-C)
 13375.0 E03 E3 USB 11-10-2004 Mon 1600 (SE-C)
 13377.0 E03 USB 18-10-2004 Mon 15
 13533.0 E10 in progress AM 10-10-2004 Sun 1445 (SE-C)
 13535.0 E10 USB 18-10-2004 Mon 14
 13535.0 E10 Weak, Mostly in the noise USB 19-10-2004 Tue 1438 (DNZ)
 13535.0 E10 EZI2 USB 19-10-2004 Tue 1504 (DNZ)
 14487.0 E03 USB 3-10-2004 Sun 1200 (SE-C)
 14487.0 E03 USB 3-10-2004 Sun 1300 (SE-C)
 14487.0 E03 in progress USB 10-10-2004 Sun 1400 (SE-C)
 14487.0 E03 Good signal today S5 USB 21-10-2004 Thu 1300 (ZW)
 14487 E03 Played tune on artificial sounding wind instrument, then
 numbers "64585" USB 21-10-2004 Thu 1600 - 1645 (JH)
 14521 V07 584 584 584 000 19-10-2004 Tue 0600 (GD)
 14521.0 V07 Calling 584/000. Good signal on the Sweden internet tuner
 AM 21-10-2004 Thu 0600 (Red)
 14563 M10 555 926 19 828 25 19-10-2004 Tue 0615 (GD)
 14866.0 E10 AM 3-10-2004 Sun 1345 (SE-C)
 14866.0 E10 AM 10-10-2004 Sun 1345 (SE-C)
 14866.0 E10 in progress AM 10-10-2004 Sun 1445 (SE-C)
 14890 S06 493:0 05-10-2004 1400 (HFD)
 14890 S06 493 493 493 00000 19-10-2004 Tue 1400 (GD)
 15016.0 USB Femal Voice Using Military Alphabet Ex-Alpha Beta Kappa
 USB
 4-10-2004 Mon 2100
 15682.0 E03 Signal S5 today USB 21-10-2004 Thu 1300 (ZW)
 15821 V07 584 584 584 000 19-10-2004 Tue 0620 (GD)
 15821.0 V07 Calling 584/000 AM 21-10-2004 Thu 0610 (Red)
 15836 X06 ended at 0859, not sure about exact start time AM
 13-10-2004 wed 0854 (RN)
 16084.0 E03 USB 2-10-2004 Sat 1800 (SE-C)
 16084.0 E03 Signal S4 today, QSB, jammer QRM? USB 21-10-2004 Thu 1300
 (ZW)
 17410.0 E10 AM 9-10-2004 sat 1530 (SE-C)
 18864.0 E03a in progress USB 5-10-2004 Tue 0000 (SE-C)
 18864.0 E03a Good signal USB 7-10-2004 Thu 1300 (Red)
 18864.0 E03a USB 7-10-2004 Thu 2300 (SE-C)
 18864.0 E03a in progress USB 10-10-2004 Sun 2300 (SE-C)
 18864.0 E03a in progress. strong + clear sound. 01832 USB 10-10-2004
 Sun
 0000 (SE-C)
 18864.0 E03a E3a USB 11-10-2004 Mon 2200 (SE-C)
 18864.0 E03a USB 11-10-2004 Mon 2317 (AtB)
 18864 E03a E3a Cherry Ripe calling "82509" USB 12-10-2004 Tue 1301
 (Red)
 18864.0 E03a E3a USB 12-10-2004 Tue 2300 (SE-C)

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18864.0 E03a E3a USB 13-10-2004 wed 1100 (SE-C)
 18864.0 E03a E3a USB 13-10-2004 wed 1200 (SE-C)
 18864.0 E03a E3a USB 13-10-2004 wed 2200 (SE-C)
 18864.0 E03a E3a USB 13-10-2004 wed 2300 (SE-C)
 18864.0 E03a Calling 01832 USB 14-10-2004 Thu 1300 (TH2)
 18864.0 E03a Cherry Ripe, strong into Sweden tuner. USB 21-10-2004 Thu
 1301 (Red)
 18864.0 E03a USB 22-10-2004 Fri 1300 (Red)
 19884.0 E03a USB 5-10-2004 Tue 0100 (SE-C)
 19884.0 E03a in progress. strong + clear. id: 08846 USB 10-10-2004 sun
 0100 (SE-C)
 19884.0 E03a E3a USB 11-10-2004 Mon 0100 (SE-C)
 19884.0 E03a USB 12-10-2004 Tue 0116 (AtB)
 20474.0 E03a E3a USB 12-10-2004 Tue 1000 (SE-C)
 20474.0 E03a E3a, in progress USB 13-10-2004 wed 1000 (SE-C)
 21866.0 E03a E3a USB 12-10-2004 Tue 0000 (SE-C)
 21866.0 E03a E3a USB 12-10-2004 Tue 0100 (SE-C)
 21866.0 E03a E3a USB 13-10-2004 wed 0000 (SE-C)
 21866.0 E03a E3a USB 13-10-2004 wed 0100 (SE-C)

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 SE-C Seism, Canada
 Spork Spork, USA
 TH2 Tho H, PA, USA
 TBiB TBiB, USA
 Val Valentin, Spain
 Vambo Vambo, CO, USA
 ZW Zack widup, ILL, USA

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-0-0-0-0-CONET-0-0-0-0-

WUN LOGS COLUMN

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Sep 2004

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=====

Log numbers continue to rise:-

Jan	2307
Feb	1133
Mar	1798
Apr	326
May	796
Jun	1369
Jul	781
Aug	1037
Sep	2540
Oct	2947

- 00018.1 RDL: Russian Military 1028 36-50/50/65 2 messages.
Strong signals. Tashkent UZB transmitter.
(05Oct04) (RGA)
- 00051.9 GYW1: RN/NATO Bcast via Crimond VLF Site 1911
UNID/50/65. Bearing 005 from SW England.
(30Sep04) (RGA)
- 00075.0 HBG: ts geneva CW Sep04 04 ML
- 00082.8 MKL: Northwood MATELO Bcast via Crimond LF Site 1023
NATO-75/75/70 Good signals from Scotland. (05Oct04) (RGA)
- 00082.8 MKL: RAF Northwood MATELO Bcast via Crimond LF Site
1925 NATO-75/75/70. (01Oct04) (RGA)
- 00147.3 DDH47: DWD Meteo via Pinneberg 1928 RTTY/50/80
Winds/temps/baros in German. (01Oct04) (RGA)
- 00147.3 DDH47: DWD via Pinneberg Site 1047 RTTY/50/80 Sea
states in German. (06Oct04) (RGA)
- 00275.0 SMO: Samos NDB, GRC, 1730, A2A, 05-Sep-2004 (CK)
- 00285.0 KRS: Karystos NDB, GRC, 1045, A2A, 04-Sep-2004 (CK)
- 00295.0 PT: NDB Skopje, FYROM, 1748, A2A, 17-Sep-2004 (CK)
- 00337.0 VRN: NDB Vranje, SER, 1751, A2A, 17-Sep-2004 (CK)
- 00356.0 BGS: NDB Burgas, BUL, 1720, A2A, 17-Sep-2004 (CK)
- 00363.0 CIG: THK Izmir/Cigli air base, TUR, 1730, A2A,
17-Sep-2004 (CK)
- 00370.0 GAC: NDB Gacko, SER, 1747, A2A, 17-Sep-2004 (CK)
- 00382.0 EGN: Aigina NDB, GRC, 1047, A2A, 04-Sep-2004 (CK)
- 00392.0 KOR: Kortinthos NDB, GRC, 1049, A2A,
04-Sep-2004 (CK)
- 00405.0 MGR: Megara Army Airfield (LGMG), GRC, 1051, A2A,
04-Sep-2004 (CK)
- 00418.0 ELF: HAF Elefsis Air Base (LGEL), GRC, 1055, A2A,
04-Sep-2004 (CK)
- 00490 CTV: G/MonsantoRadio POR 2100 NAVTEX weather in
Portuguese. (09Oct04) (RGA)
- 00490 E: CROSS Corsen France 2040 NAVTEX Repeats info on
INMARSAT distress msg then meteo in FF. (09Oct04) (RGA)
- 00490 E: Prob CROSS Corsen 2145 NAVTEX weather in FF.
(09Oct04) (RGA)
- 00490 GCC: CullercoatesRadio UK 1920 NAVTEX Meteo in EE.
CROSS Corsen breaks in to cancel their nr ED04 concerning
INMARSAT distress message from cargo vessel Deborah 1.

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Vessel no longer requires assistance. (09Oct04) (RGA)
00490 GNI: TE/NitonRadio UK 1910 NAVTEX Meteo in French
(?) (09Oct04) (RGA)
00490 GPK: PortpatrickRadio SCO 2020 NAVTEX Meteo and gale
warnings in EE. (09Oct04) (RGA)
00490 S: CROSS La Garde France 1905 NAVTEX Meteo in
French. (09Oct04) (RGA)
00490,0 : Constanta Radio 0151 navtex ZCZC LE55 CONSTANTA
RADIO /1 OCTOMBRIE 2004 18:00 UTC BULETIN METEO PTR V.MARII
NEGRE 120kt04 (wp3)
00490,0 : CROSS Corsen 0443 navtex ZCZC EA49 231640 UTC SEP
04 NOUS INFORMONS TOUS LES NAVIRES AUXQUELS S~APPLIQUENT LES
QISPOSITONS 120kt04 (wp3)
00490,0 : CROSS Toulon 0300 navtex ZCZC SL74 081500 UTC OCT
04 AZUR TRAVAUX SOUS-MARINS PAR ~TETHYS II~ DANS LES ZONES
SUIVANTES : LES 11 ET 12 OCT 04 120kt04 (wp3)
00490,0 gpk : Portpatrick Radio 0420 navtex ZCZC CB17 CB17
ISSUED BY MET OFFICE ABERDEEN ON TUESDAY 12 OCTOBER 2004,
04:40 120kt04 (wp3)
00490,0 tah : Istanbul Radio 0009 navtex ZCZC BA21 3196 UTC
SEP 04 ISTANBUL TURK ADIO V BUVBIR TEST MESAJIDI
CDDENIZCLERE DUYUJLUR TEST TES TEST INNN 120kt04 (wp3)
00490.0 CORSEN: ouessant fcg 0433 NAVTEX naws Aug29 04ML
00518.0 L2W: PNA Rio Gallegos R. 0212 Sitor Navtex (N)
Warnings to marines Beagle Channel and wx (28/09/04) (AJP)
00518.0 L3A: PNA Comodoro Rivadavia R. 0220 Sitor Navtex(O)
wx info (28/09/04) (AJP)
00518.0 L3O: PNA Ushuaia R. 0201 Sitor Navtex (M) warnings
to marines and wx (28/09/04) (AJP)
00518.0 L3O: PNA Ushuaia R. 0201 Sitor Navtex (M) warnings
to marines and wx (28/09/04) (AJP)
00518.0 Niton Navtex: 0540 Niton Navtex Sitor-B Avurnav
29/09 (PP1)
01650.0 cross: 1915 USB with qrm from storms french y1 wx
Sep09 04 ML
01813.0 uat: : Moscow Radio 0858 sitor-a/b 0902: tfc list ,
frecuencias ,tfc to ships 24Aug04 (wp3)
01915.0 German CG Kuewaz Cux: 1954 sitor-a weather and tfc
to unid shipwhich signs " mfg peter zelck " 23Aug04 (wp3)
02012.5 B08: Dutch Mil 2009 USB ALE clg B03 (03/SEP/04) (KK)
02072.1 dbgy: : German CG ship BG25 Bayreuth 2017 sitor-a
position report tokuewaz 23Aug04 (wp3)
02072.1 dbjm: : German CG ship Neuwerk 2031 sitor-a position
report to kuewaz23Aug04 (wp3)
02187.5 3FBX8: Hanjin Valecna 2114 GMDSS RQs MRCC
Finisterre/Coruña for safety check. MRCC BQs after 3rd
call by ship. (05Oct04) (RGA)
02187.5 9HMH5: Maltese-Flagged Vessel Halifax 1920 GMDSS RQs
PBK/JRCC Den Helder for safety test. (02Oct04) (RGA)
02187.5 : Aasiaat Radio GRL 0301 DSC DSC (22Sep2004) (AB)
02187.5 : Aspropirgos Attikis Radio GRC 1640 DSC
(19Sep2004)(AB)
02187.5 : Bilbao Radio E 2053 DSC DSC (19Sep2004) (AB)
02187.5 : BilbaoRadio Spain 2052 GMDSS RQs MalagaRadio for
safety check. (12Oct04) (RGA)
02187.5 : Bodo Radio NOR 0256 DSC DSC (22Sep2004) (AB)
02187.5 : CorruñaRadio Spain 2053 GMDSS Sends self-addressed
safety check message. (?!!) (30Sep04) (RGA)
02187.5 : Coruna Radio E 2149 DSC DSC (21Sep2004) (AB)
02187.5 : CROSS Corsen France 2204 GMDSS All ships EOS call
for wx/MIB bcast on 2182 khz. (03Oct04) (RGA)
02187.5 : Cyprus Radio CYP 2121 DSC DSC (21Sep2004) (AB)
02187.5 : Floro Radio NOR 0415 DSC (22Sep2004) (AB)
02187.5 : Goteborg Radio S 0331 DSC (22Sep2004) (AB)
02187.5 : Iskenderun Radio TUR 1748 DSC (19Sep2004) (AB)
02187.5 : Istanbul Radio TUR 0142 DSC (22Sep2004) (AB)
02187.5 : Lyngby Radio NOR 1942 DSC (21Sep2004) (AB)
02187.5 : Malaga Radio E 2052 DSC (19Sep2004) (AB)

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02187.5 : Malaga Radio E 2156 DSC (21Sep2004) (AB)
02187.5 : MRCC Aberdeen G 1710 DSC (19Sep2004) (AB)
02187.5 : MRCC Aberdeen Scotland 2218 GMDSS All ships EOS call for wx/MIB bcast on 2226 kHz. (03Oct04) (RGA)
02187.5 : MRCC Falmouth G 0216 DSC (22Sep2004) (AB)
02187.5 : MRCC Finisterre/Coruña Spain 2110 GMDSS CQ call for safety bcast on 2182 kHz. (05Oct04) (RGA)
02187.5 : MRCC Shetland Scotland 2206 GMDSS All ships EOS call for wx/MIB bcast on 2182 (?) kHz. (03Oct04) (RGA)
02187.5 : MRSC Humber G 1538 DSC (19Sep2004) (AB)
02187.5 : MRSC Milford Haven G 1829 DSC (22Sep2004) (AB)
02187.5 : Netherlands CG HOL 0158 DSC (22Sep2004) (AB)
02187.5 : Odessa Radio UKR 0302 DSC (22Sep2004) (AB)
02187.5 : Olympia Radio GRC 2024 DSC (21Sep2004) (AB)
02187.5 : Oostende Radio BEL 2130 DSC (21Sep2004) (AB)
02187.5 : Palermo Radio I 0126 DSC (22Sep2004) (AB)
02187.5 : Rogaland Radio NOR 2209 DSC (21Sep2004) (AB)
02187.5 : Roma Radio I 0123 DSC (22Sep2004) (AB)
02187.5 : Tenerife/Las Palmas MRCC 1904 GMDSS All ships EOS call for weather/MIBs on 2182 kHz. (02Oct04) (RGA)
02187.5 : Tenerife/Las Palmas MRCC 1905 GMDSS BQs safety test from French ship Delphine Delmas/ FNWB. (02Oct04) (RGA)
02187.5 : Turku Radio FNL 2216 DSC (21Sep2004) (AB)
02187.5 : Unid British Coast/shore Authority (233678000) 1920 GMDSS RQs Bahamas-flagged vessel Toisa Petrel/C6KA7 for simplex telephone call on 2886 kHz. (02Oct04) (RGA)
02187.5 : Varna Radio BUL 2058 DSC (21Sep2004) (AB)
02187.5 : Witowo Radio POL 0132 DSC (22Sep2004) (AB)
02187.5 C6IE3: Bahamas Flagged Vessel CSO Apache 2048 GMDSS RQs LyngbyRadio/OXZ for safety check. Lyngby BQs. (30Sep04) (RGA)
02187.5 EACK: Spanish Ship Becquer 2056 GMDSS RQs Vanencia/Almeria MRCC for safety check. MRCC BQs. (30Sep04) (RGA)
02187.5 EAVJ: Spanish Ship Chantiero 2020 GMDSS RQs Medusa/EEQG for telephone call on 2178 kHz simplex. (15Oct04) (RGA)
02187.5 EAVJ: Spanish Ship Chantiero 2210 GMDSS RQs Medusa/EEQG for simplex telephone call on 2178 kHz. (14Oct04) (RGA)
02187.5 EI5775: Irish FV Ardent 2047 GMDSS RQs unlisted Irish FV (MMSI 250107600) for duplex telephone conversation on 4885.4/5224.8 kHz. (12Oct04) (RGA)
02187.5 EI5901: Irish FV Laetitia 2131 GMDSS RQs Irish FV Aine Christina/EI6227 for duplex telephone conversation on 5371.1/4623.1 kHz. I cannot believe the 5 MHz frequency is legal for maritime-mobile. (12Oct04) (RGA)
02187.5 EI5954: Irish FV Deborah M 2105 GMDSS RQs Irish vessel Dawn Ross/EICP for duplex telephone conversation on 6542/6235 kHz. (12Oct04) (RGA)
02187.5 EI5954: Irish FV Deborah M 2112 GMDSS RQs Dawn Ross/EICP for simplex telephone call on 6111 kHz. (14Oct04) (RGA)
02187.5 EI6008: Irish Fishing Vessel Golden Feather 1937 GMDSS RQs sister vessel Jacob/ EI3259 for simplex chat on 2500 kHz. EI3259 BQs. At 2017 RQs simplex chat link on 8900 kHz with Tannetje/EI4835. Later suggests 12345.6 kHz ! (06Oct04) (RGA)
02187.5 EI6227: Irish FV Aine Christina 2045 GMDSS RQs unknown Irish vessel (250108400) for simplex telephone conversation on 8555.5 kHz. (07Oct04) (RGA)
02187.5 EI6277: Irish FV Atlantic Fisher 2058 GMDSS RQs FV Jacob/EI3259 for simplex telephone conversation on 3850 kHz. EI3259 BQs. Both vessels now audible on 3850 kHz USB with swear-word competition. (07Oct04) (RGA)
02187.5 EICP: Irish Vessel Dawn Ross 1955 GMDSS RQs FV Deborah M/EI5954 for a simplex telephone conversation on 6111 kHz. These two are regulars. (15Oct04) (RGA)

- 02187.5 EIFZ: Irish Ship Arklow Spirit 2024 GMDSS RQs MRCC Falmouth UK for safety check. Falmouth BQs after a second RQ. (30Sep04) (RGA)
- 02187.5 EISW: Irish Ship Mark Amay 2001 GMDSS RQs ValentiaRadio/EJK for safety check. (30Sep04) (RGA)
- 02187.5 ELNJ4: Izmaylovo 2004 GMDSS RQs LyngbyRadio/OXZ for safety check. (05Oct04) (RGA)
- 02187.5 ELWF2: Liberian-Flagged Vessel Altair 2055 GMDSS RQs LyngbyRadio/OXZ for safety test. (07Oct04) (RGA)
- 02187.5 ELXT6: Liberian-Flagged Vessel Taipan 1920 GMDSS RQs MRCC Madrid/ECA6 for safety test. Madrid BQs. (10Oct04) (RGA)
- 02187.5 ENTW: Ukrainian Ship Vera Voloshina 2014 RQs LyngbyRadio/OXZ for a safety test. (15Oct04) (RGA)
- 02187.5 ESCR: Estonian Ship Alma 2114 RQs LyngbyRadio/OXZ for safety test. (15Oct04) (RGA)
- 02187.5 ESIE: Estonian Ship Nota 2004 GMDSS RQs LyngbyRadio/OXZ for safety test. (07Oct04) (RGA)
- 02187.5 FNWB: Delphine Delmas 2053 GMDSS RQs LyngbyRadio/OXZ for safety check. (05Oct04) (RGA)
- 02187.5 FNWB: French Ship Delphine Delmas 1922 GMDSS RQs MRCC Tenerife/Las Palmas for safety test. MRCC BQs. (10Oct04) (RGA)
- 02187.5 FNWB: French Ship Delphine Delmas 1934 GMDSS RQs MRCC Las Palmas/Tenerife for safety check. The MRCC BQs. (30Sep04) (RGA)
- 02187.5 FNWB: French Ship Delphine Delmas 2043 GMDSS Again RQs MRCC Las Palmas/Tenerife for safety check. MRCC BQs. (30Sep04) (RGA)
- 02187.5 FQFD: French Ship Cap St. Georges 1940 GMDSS RQs sister ship Cap St. Jacques/FNUO for simplex telephone conversation on 4080 kHz. Productive. (10Oct04) (RGA)
- 02187.5 FQWZ: French Ship CMA CGM St George 2047 GMDSS Sends ship's business message to sister ship CMA CGM St Pierre/FQFM. 3746N 02827W. (07Oct04) (RGA)
- 02187.5 GJCT: British Ship Viking Protector 2109 GMDSS RQs Trafalgar Guardian/MSHF2 for simplex telephone call on 3150 kHz. (30Sep04) (RGA)
- 02187.5 GRFP: British Ship Ocean Village 1950 GMDSS RQs RomeRadio/IAR for safety check. IAR BQs. (06Oct04) (RGA)
- 02187.5 H9QE: Panamanian-Flagged Vessel Jigawa 1903 GMDSS RQs OostendeRadio/OST for safety test. (02Oct04) (RGA)
- 02187.5 LACE6: Norwegian Ship Island Frontier 1901 GMDSS RQs BergenRadio/LGN for safety test. (02Oct04) (RGA)
- 02187.5 LARF5: Norwegian Ship Laughing Fellow 1919 GMDSS RQs LyngbyRadio/OXZ for safety check. Lyngby BQs. (No joke - Laughing Fellow with the laughing callsign is genuine!) (02Oct04) (RGA)
- 02187.5 LART5: Norwegian Shipp Hemina 2134 GMDSS RQs OdessaRadio/UTT for a safety check. (30Sep04) (RGA)
- 02187.5 LGL: FloroRadio Norway 1956 GMDSS SELCAL Geographic between 65N and 62N/1w and 11E. J3E 2126 Tx/1782 Rx. Nothing audible these freqs. (14Oct04) (RGA)
- 02187.5 LIDL: Norwegian Vessel Skandi Marstein 2010 GMDSS RQs BergenRadio/LGN (Norway) for safety check. Then tries RogalandRadio/LFI. (06Oct04) (RGA)
- 02187.5 LJCG: Norwegian Ship North Traveller 1930 GMDSS RQs sister ship North Challenger/LISD for telephone simple conversation on 2346 kHz. Nothing heard 2346. Tries again at 1937. Again unproductive. (10Oct04) (RGA)
- 02187.5 LXAI: Luxembourg Ship Aurelia 1949 GMDSS RQs LyngbyRadio/OXZ for a safety check. Lyngby BQs. (Luxembourg has a merchant fleet?) (02Oct04) (RGA)
- 02187.5 MJHW8: LIFEBOAT 12-32 1912 GMDSS RQs MRSC Humber (UK) for safety check. (06Oct04) (RGA)
- 02187.5 MLSY2: British Ship Viking Venturer 2012 GMDSS RQs sister ship Viking Vedette/MPMM7 for simplex telephone call on 3560.2 kHz. (30Sep04) (RGA)
- 02187.5 MLSY2: British Ship Viking Venturer 2101 GMDSS RQs Viking Vedette/MPMM7 for simplex telephone call on 3560.2 kHz.

- (30Sep04) (RGA)
- 02187.5 MLSY2: British Ship Viking Venturer 2106 GMDSS RQs sister ship Viking Supporter/MFTN9 for simplex telephone call on 1693 kHz. (30Sep04) (RGA)
- 02187.5 MQSQ9: British Ship Pride of Burgundy 2001 GMDSS RQs OST/OostendeRadio for safety test. (14Oct04) (RGA)
- 02187.5 MXQ05: British Ship Johan Schulte 2111 GMDSS RQs LyngbyRadio/OXZ for safety check. OXZ BQs. (30Sep04) (RGA)
- 02187.5 MYMX5: P&O Nedlloyd Genoa 2103 GMDSS RQs LyngbyRadio/OXZ for a safety check. Lyngby BQs. (30Sep04) (RGA)
- 02187.5 MYTA7: British Ship Toisa Crest 1948 GMDSS BQs Bue Rona/GBKV for probable telephone call. Checksum error. (14Oct04) (RGA)
- 02187.5 MYZK5: Grampian Guardian 1940 GMDSS RQs LyngbyRadio/OXZ for safety check. (05Oct04) (RGA)
- 02187.5 OST: OostendeRadio 1832 GMDSS All ships call to "Ships and aircraft according to Resolution 18" (?) for frequency 2761 kHz. (14Oct04) (RGA)
- 02187.5 OXZ: LyngbyRadio Denmark 1926 GMDSS BQs British ship Putford Guardian/GXVR with safety test. (14Oct04) (RGA)
- 02187.5 OXZ: LyngbyRadio Denmark 1934 GMDSS Advises working radiotelephone frequencies. 1734/2078 kHz. (10Oct04) (RGA)
- 02187.5 OXZ: LyngbyRadio Denmark 2013 GMDSS BQs safety test to Maltese-flagged vessel Reduta Ordon/9HZZ6. (02Oct04) (RGA)
- 02187.5 OXZ: LyngbyRadio Denmark 2023 GMDSS BQs British ship Ocean Village/GRFP for duplex telephone call on 2177/2189.5 kHz. (14Oct04) (RGA)
- 02187.5 OXZ: LyngbyRadio Denmark 2025 GMDSS BQs Liberian-registered vessel Altair/ELWF2 for safety test. Repeats BQ. (14Oct04) (RGA)
- 02187.5 OXZ: LyngbyRadio Denmark 2033 GMDSS Advises radiotelephone working frequencies. 1734/2078 kHz (twice). (06Oct04) (RGA)
- 02187.5 OXZ: LyngbyRadio Denmark 2041 GMDSS All ships call advising their ships' telephone service frequencies - 1758 kHz receive/2102 kHz transmit. (30Sep04) (RGA)
- 02187.5 OXZ: LyngbyRadio Denmark 2052 GMDSS CQ service announcement radiotelephone service working freqs. 1758 receive/2102 send. (05Oct04) (RGA)
- 02187.5 OXZ: LyngbyRadio DNK 1925 GMDSS BQs safety test for British ship Minna/MASH6. (02Oct04) (RGA)
- 02187.5 OXZ: LyngbyRadio DNK 2119 GMDSS All ships call with ships' telephone service frequencies. (2078/1734 kHz). (14Oct04) (RGA)
- 02187.5 P3PA8: Cypriot Ship Iryda 2121 GMDSS RQs OXZ/LyngbyRadio for safety test. OXZ BQs. (14Oct04) (RGA)
- 02187.5 PBK: Netherlands CG Radio 1912 GMDSS BQs Greek ship SafMarine Antwerp/SWFZ with safety test. (14Oct04) (RGA)
- 02187.5 PBK: Netherlands CG Radio 2128 GMDSS All ships EOS call for wx/MIB bcast on 3673 kHz. (03Oct04) (RGA)
- 02187.5 SAB: GöteborgRadio SWE 1933 GMDSS Preliminary call for wx/MIB bcast on 2182 kHz. Not audible 2182. (14Oct04) (RGA)
- 02187.5 SAB: GöteborgRadio Sweden 1931 GMDSS CQ call for voice safety bcast on 2182 kHz. (05Oct04) (RGA)
- 02187.5 SAB: GöteborgRadio Sweden 1932 GMDSS All ships call for MIBs/weather on 2182 kHz. (30Sep04) (RGA)
- 02187.5 SAB: GöteborgRadio Sweden 1933 GMDSS All ships safety msg for weather/MIB bcast on 2182 kHz. (02Oct04) (RGA)
- 02187.5 SAB: GöteborgRadio Sweden 1933 GMDSS Preliminary call for weather/MIB broadcast on 2182 kHz. (10Oct04) (RGA)
- 02187.5 SPS: WitowoRadio POL 2134 GMDSS Preliminary call for safety bcast on 2720 kHz. Then BQs a safety test from Irida/P3PA8. (14Oct04) (RGA)
- 02187.5 SPS: WitowoRadio Poland 1932 GMDSS Safety EOS txn for weather/MIB bcast on 2720 kHz. (02Oct04) (RGA)
- 02187.5 SPS: WitowoRadio Poland 1933 GMDSS All ships call for weather/MIBs on 2720 kHz. (30Sep04) (RGA)
- 02187.5 SPS: WitowoRadio Poland 1933 GMDSS CQ call for MIBs/wx bcast

- on 2720 kHz. (05Oct04) (RGA)
- 02187.5 SPS: WitowoRadio Poland 1934 GMDSS Preliminary call for weather/MIB bcst on 2720 kHz (10Oct04) (RGA)
- 02187.5 SPS: WitowoRadio Poland 2131 GMDSS CQ call for safety bcst on 2720 kHz USB. (07Oct04) (RGA)
- 02187.5 SPS: WitowoRadio Poland 2132 GMDSS Preliminary call for WX/MIBs on 2720 USB. (12Oct04) (RGA)
- 02187.5 SPS: WitowoRadio Poland 2133 GMDSS All Ships EOS call for weather/MIBs on 2720 kHz. (30Sep04) (RGA)
- 02187.5 SVO: OlympiaRadio Athens Greece 2011 GMDSS BQs Greek ship Olympic Champion/SYWD request for duplex telephone call on 2830/2134 kHz. (06Oct04) (RGA)
- 02187.5 SWCD: Greek Ship Dover 1904 GMDSS BQs CROSS Jobourg (France) for safety test. (06Oct04) (RGA)
- 02187.5 TAH: Istanbul Radio TUR 2038 GMDSS BQ safety test to unlisted apparent Netherlands Antilles vessel (306334000). (14Oct04) (RGA)
- 02187.5 TCAO: Turkish Ship Besire Kalkavan 2223 GMDSS RQs Tenerife/Las Palmas MRCC for safety check. (03Oct04) (RGA)
- 02187.5 TCGT: Turkish Vessel Haci Emine Ana 1917 GMDSS RQs CROSS Corsen (France) for safety test. (30Sep04) (RGA)
- 02187.5 TFA: ReykjavikRadio ICE 2003 GMDSS CQ call for voice safety bcst on 2182 kHz. (05Oct04) (RGA)
- 02187.5 TFA: ReykjavikRadio ICE 2005 GMDSS Geographical EOS safety tmsn for area between 58 and 63N 010 and 019W on 1659 kHz USB. Gale warning? (02Oct04) (RGA)
- 02187.5 UAHD: Russian Ship Kalgalaksha 1922 GMDSS RQs Soyouz/UCSG for duplex telephone call on 4312.6 UAHD transmit/4312.6 UCSG transmit. (30Sep04) (RGA)
- 02187.5 UBLX: Russian Ship Stepan Razin 2112 GMDSS RQs LyngbyRadio/OXZ for safety test. (07Oct04) (RGA)
- 02187.5 UBLX: Russian Ship Stepan Razin 2152 GMDSS RQs LyngbyRadio/OXZ for safety test. (03Oct04) (RGA)
- 02187.5 UBUK: Russian Ship Iantar 2042 GMDSS BQs request for duplex telephone call on 8525/6575 kHz with Koulonga/UGNW. (30Sep04) (RGA)
- 02187.5 UDNK: Russian Ship Kapa 1922 GMDSS RQs Koulonga/UGNW for duplex telephone call on 1819 kHz 1907 kHz UDNK transmit/1907 kHz UGNW transmit. UGNW BQs the request. (30Sep04) (RGA)
- 02187.5 UDNK: Russian Ship Kapa 2025 GMDSS RQs Zadonets/UBCG for duplex telephone call. 1819 kHz UDNK transmit 1907 kHz UBCG transmit. (30Sep04) (RGA)
- 02187.5 UFN: NovorossiyskRadio RUS 2033 GMDSS CQ call for voice safety bcst on 2182 kHz. (05Oct04) (RGA)
- 02187.5 UHPO: Russian Ship Pavlik Larishkin 2207 GMDSS RQs OST/OostendeRadio for safety test. (14Oct04) (RGA)
- 02187.5 URRY: Ukrainian Ship Nikolay Limonov 1950 GMDSS RQs Palermo Radio/IPP (Italy) for safety check. (06Oct04) (RGA)
- 02187.5 VQPX7: British Ship whitch Champion 1914 GMDSS RQs MRSC Holyhead Wales for safety test. MRSC BQs. (10Oct04) (RGA)
- 02187.5 VRWY2: PRC Ship Maistros Breeze 2201 GMDSS Sends apparent distress message to MRCC Madrid/ECA6. Probably in error. (07Oct04) (RGA)
- 02187.5 YJSJ2: Vanuatu-Flagged Oil/Gas Rig Santa Fe 140 (!) 2137 BQs safety test with British (rig supply?) vessel Bue Rona/GBKV. (14Oct04) (RGA)
- 02187.5 ZQFV4: British Ship Bue Iona 2111 GMDSS RQs MRCC Aberdeen Scotland for safety test. (15Oct04) (RGA)
- 02226.0 UKCG: humber 1947 USB ee warnings Sep08 04 ML
- 02250 OWE: :Danish Air Force FTK Karup 2040 ALE/USB Calls OWC/Unid. (06Oct04) (RGA)
- 02250 OWE: RDAF FTK Karup 1954 ALE/USB wkg OWP/Unid who responds. (07Oct04) (RGA)
- 02250 OWF: RDAF Skydrstrup 2149 ALE/USB wkg OWE/RDAF Karup then Aalborg on 2531 kHz. (01Oct04) (RGA)
- 02250.0 OWK: RDAF HQ Vedbaek 2157 USB/ALE wkg OWC unid (02-sept-2004) (MSM)

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02252 [Various]: US Navy FACSFAC Virginia Capes, VA 0158 USB GIANT KILLER net up and running talking about taking DELTA FOX Some players are 3XRAY, WHISKEY6, 3NOVEMBER. In heavy QRN. (21Sep04) (CC)

02289.0 022NHQCAP: Civil Air Patrol: 1359 USB ALE (03/SEP/04) (JLM)
02306 : Unid. Prob Fishermen 2132 USB British westcountry accents. Extensive swear-word vocabulary. (02Oct04) (RGA)

02381.0 : Unid NATO Stn 2133 STANAG-4285/USB 600 data rate long interleave. Weak synch but apparent continuous enciphered stream. (06Oct04) (RGA)

02395.0 046NHQCAP: Civil Air Patrol: 1513 USB ALE (03/SEP/04)
02426.0 L04: Dutch Mil 2015 USB ALE c1g L11 (03/SEP/04) (KK)
02455.0 Argentine AF: 0250 USB SS Marambio in comm w/Frei. Info meteo(05/07/03)

02463 IDR/IGJ: Italian Naval Bcast 1945 RTTY/75/850 Indicating all input channels idle. // 4214 (30Aug04) (RGA)

02474 PBC: RNethN Goree Is 2145 RTTY/75/850 CARBS. (06Oct04) (RGA)
02490 : Unid Fishfone 2147 SAILOR-CRYPT/USB Male voices. f+1500 Hz FSK sync. (06Oct04) (RGA)

02505.0 dbgz: : German CG ship BG26 Eschwege 0607 sitor-a position report to kuewaz d 24Aug04 (wp3)

02505.0 dbif: : German CG ship BG22 Neustrelitz 2055 sitor-a position report to kuewaz 23Aug04 (wp3)

02505.0 dbig: : german coast guard ship BG23 Bad Dueben 0704 sitor-a #60559 pos.-rep 07Sep04 (wp3)

02505.0 dlgz: : german coast guard ship BG21 Bredstedt 2201 sitor-a #18140 position report to 60460 kuewaz o 06Sep04 (wp3)

02505.0 NEUSTADT: KUEWAZ OSTSEE 1846 Sitor-Fec 100Bd/170Hz Info MSG to DLGZ: BG 21 BREDSTEDT "BETR.: MELDESCHEMA BEI GRENZPOLIZEILICHEN ANLAESSEN"(02/SEP/04) (KK)

02506.7 DBGZ: BG-26 "Eschwege" 1905 Sitor-ARQ/100Bd wkg DQZ 28, Position Report (25/SEP/04) (KK)

02510.0 pir: 0351 USB danish? d/x Sep12 04ML

02531 G7D: Unid RDAF Authority 2152 ALE/USB wkg OWD/RDAF FSN Vaerloese. OWE/FTK Karup Sounds. (04Oct04) (RGA)

02586.0 unid: German 1800 USB/voice OM+YL ops seemed to be some sort of WX tx, numbers given often. Poor RX. (20-sept-2004)(MSM)

02598 : Canadian Coast Guard 0430 USB with Marine information Broadcast (21Sep04) (CC)

02598 : Canadian Coast Guard St. Johns 0001 USB w/MIB. (27Sep04) (CC)

02600.0 IQQ: mazzaro del vallo /sicily 0400USB ita naws Sep12 04ML

02608.4 FUU: fn toulon 0518 ITA/75 testing ryry Aug29 04ML

02608.4 FUU: FN Toulon 1949 RTTY/75/850 Test idlers. (30Aug04) (RGA)

02618.5 GYA: rn 0520 FAX pressure chart Aug29 04ML

02620.0 unid: ship 0541 USB dutch Sep18 04 ML

02670 : USCG Liaison Marine Safety Broadcast 0247 USB with GPS location problems. (21Sep04) (CC)

02670 NMO: USCG Honolulu HWA 0015 USB w/MIB. (27Sep04) (CC)

02671.3 dbfo: : German CG ship FSB Seefalke 1750 sitor-a #38451 rq:fmfb position report to kuewaz 24Aug04 (wp3)

02671.3 dbfo: : German CG ship FSB Seefalke 1958 sitor-a position report tokuewaz 23Aug04 (wp3)

02671.3 dbfo: : german coast guard ship FSB Seefalke 0200 sitor-a #38434 calls ipva zoll cux 07Sep04 (wp3)

02671.3 dbfo: : german coast guard ship FSB Seefalke 2144 sitor-a #38434 position report to zoll cux 06Sep04 (wp3)

02677.0 CROSS: 0413 USB fren wx forecast Sep12 04ML

02680 4XZ: Israeli Navy Haifa 1951 CW Vs marker. (30Aug04) (RGA)

02680 4XZ: Israeli Navy Haifa 2136 CW CQ idler. (02Oct04) (RGA)

02680 4XZ: Israeli Navy Haifa 2153 CW Vs marker. // 2800. (06Oct04) (RGA)

02680 IDC: CagliariRadio ITA 1953 USB OM robot with Italian waters forecasts. (30Aug04) (RGA)

02711.5 CLT: Havana Radio, Cuba 2356 USB with telephone call QSX 2808 (31Sep04) (CC)

02749 VAU: Canadian Coast Guard Yarmouth 0049 USB w/MIB in FF and EE. (01Oct04) (CC)

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02749 VCS: Canadian Coast Guard Halifax NS CAN 0151 USB w/MIB and
spottings of Right whales in English and French.
(27Sep04) (CC)

02749 VCS: Canadian Coast Guard Station 0024 USB with weather
forecast in French. 31Sep04) (CC)

02750.0 KUPERJANOVIYJP: Estonian MIL 2050 USB/ALE wnkg YSP
(02-sept-2004)(MSM)

02750.0 PARNUYJP: Estonian MIL 2102 USB/ALE wnkg ROK
(02-sept-2004)(MSM)

02750.0 PARNUYJP: Estonian MIL 2116 USB/ALE wnkg KUPERJANOVIYJ
(02-sept-2004)(MSM)

02750.0 YSP: Estonian MIL 2120 USB/ALE calls KUPERJANOVIYJP
(19-sept-2004)(MSM)

02761.0 OSU: OSTENDE 1804 USB om wx navi info (20-sept-2004)(MSM)

02789 FUE: FN Brest 1906 RTTY/75/850 working warship with
indefinite call FO 'de FUE QSM QSM' 'de FUE AS AS'. 'de FUE
R 201822Z SEP 04 TIME 1908Z. KILO...' 'Tenez bon dors et
bonne nuit AR' then reverts to test markers.
(20Sep04) (RGA)

02789.0 Eklezja44: POL MIL 1805 USB/voice 5fg msg for
Pogrom09,Siennik46,Hermelin01?,Niebot25,Debora68
(20-sept-2004)(MSM)

02813.9 MTI: RN Bcast System 2158 RTTY/75/195 CARBs 02 02a NIL.
(06Oct04) (RGA)

02814.0 nocall: POL MIL 2058 USB/Voice, just managed to rx last
tx,msg confrimation,same YL HQ station as on 2789.0
(20-sept-2004)(MSM)

02845 PBB: RNethN Den Helder 1956 RTTY/75/850 CARBs.
(30Aug04) (RGA)

02845.0 pbb: : DN Den Helder 0654 rtty 75/810 02boo 04a 06b pbb
02bdk 04a 06b 02bdk 04e 06b pbb 02bdk 04a 06b
24Aug04 (wp3)

02872 GANDER RADIO: NAT-C MWARA Gander NF CAN TIME??? wkg unknown
aircraft with selcals checks - HRAS, CRHP, EKHM, JKCS did
not hear the aircraft (31Sep04) (CC)

02872.0 atc nat shanwick: 0550 USB work ESMQ 9v-spc sia /CJHQ bizz
c-7hpm/EKCH af065 f-gspa / BSMQ v02 g-vwow Sep18 04 ML

02872.0 MWARA-Gander: 0935z USB wkg SPEEDBIRD 248 (British Airways),
Pos rep, selcal HPBM. (19/Sep/2004) (ALS)

02899 GANDER RADIO: NAT-B MWARA (North Atlantic) 0507 USB wkg
REACH 5261 w/position report. 21Sep04) (CC)

02899.0 MWARA-Gander: 0433z USB wkg US AIR 94, Pos rep.
(19/Sep/2004) (ALS)

02899.0 MWARA-Gander: 0436z USB wkg DELTA 42, Pos rep 56 North,
30 west. (19/Sep/2004) (ALS)

02971.0 B-18573: 0444 USB MWARA NAT-D, China Airlines B-18573,
selcal DQKM, working Shanwick with selcal check and
requesting routing confirmation, Shanwick confirms and
advises to contact Arctic when west of 88W
22/Sep/2004 (TR)

02971.0 EI-CXT: 0520 USB MWARA NAT-D, Air One EI-CXT, selcal
EJDK, working Shanwick for selcal check and requestig wx
for EIDW (Dublin) 22/Sep/2004 (TR)

02971.0 N17244: 0537 USB MWARA NAT-D, Continental N17244, selcal
JMGR, working Shanwick with posn and selcal check,
requesting new flightlevel 390, Shanwick advises to std/by
and maintain selcal watch 22/Sep/2004 (TR)

02971.0 N748UP: 0434 USB MWARA NAT-D, UPS N748UP, selcal CHFQ,
working Shanwick with posn, wx, fuel status and selcal check
22/Sep/2004 (TR)

02971.0 N804AW: 0445 USB MWARA NAT-D, America West Airlines
N804AW, selcal HRAM, working Shanwick for selcal check
22/Sep/2004 (TR)

02971.0 UK-31001: 0457 USB MWARA NAT-D, Uzbekistan Airlines
UK-31001,selcal ESGM, working Shanwick with posn, wx, fuel
status and selcal check 22/Sep/2004 (TR)

02980 : UNID Fishing boats (shrimp) 0015 USB Talking about WILSON
WAY (in the Pacific?) and dragging the bottom.

(31Sep04) (CC)
03016.0 Gander (MWARA NAT-A): 0055 USB w/Alitalia 619 (not heard)
w/selcal check. 18/08 RP3
03094 : Prob RN Bcast 2201 NATO-75/75/850 short KG84 enciphered
messages. (06Oct04) (RGA)
03100.0 Chilean AF: 0250 USB SS Unid Chilean a/c over Antarctic in
comms w/unread stn then QSY to "24" (2455) w/ Marambio.
(27/05/03)
03113 ADWSPR: USAF Andrews AFB, SIPRNET 2354 USB/ALE
(27Sep04) (CC)
03113 ADWSPR: USAF Andrews AFB, SIPRNET 2354 USB/ALE.
(27Sep04) (CC)
03113 ADWSPR: USAF HF-GCS Control Stn, Andrews AFB, MD SIPRNET
0305 USB/ALE (21Sep04) (CC)
03113 CROSPR: USAF SIPRNet Stn Croughton UK This is CROSPR: 0105
ALE/USB. (01Oct04) (CC)
03113 HAWSPR: USAF Ascension Island SCOPE command SIPRNET 0309
USB/ALE (21Sep04) (CC)
03113 JNRSPR: USAF Salinas, PR SCOPE Command SIPRENT 2359 USB/ALE
(27Sep04) (CC)
03113 JNRSPR: USAF Salinas, PR SCOPE Command SIPRNET 2359 USB/ALE.
(27Sep04) (CC)
03113 MCCSPR: USAF McClellan/West Coast, CA SCOPE Command SIPRNET
0225 USB/ALE (21Sep04) (CC)
03113 OFFSPR: Offutt AFB NE SIPRNET 0220 USB/ALE (21Sep04) (CC)
03113 OFFSPR: USAF Offutt AFB, SIPRENT 2356 USB/ALE (27Sep04) (CC)
03113 OFFSPR: USAF Offutt AFB, SIPRNET 2356 USB/ALE. (27Sep04) (CC)
03113 PLASPR: USAF Lajes Field Azores Scope Command SIPRENT 0304
USB/ALE (21Sep04) (CC)
03137 JDG: USAF Diego Garcia BIOT 2202 ALE/USB Sounding. Also on
4721 khz. (04Oct04) (RGA)
03137 PLA: USAF Lajes Field AZR 2004 ALE/USB Sounding.
(07Oct04) (RGA)
03152 HALIFAX MILITARY: wkg RESCUE 311 0120 USB. (08Oct04) (RB)
03185 : Unid 1958 REVS/41.8/480 (30Aug04) (RGA)
03200.0 fishermen: 1947 USB dutch Sep04 04 ML
03261.0 unid: 2021 encrypted CW in progress much band noise
01/09 (PP1)
03261.0 unid: CIS 1945 CW 5fg hand tx, ended with "BK K TED K"
(20-sept-2004) (MSM)
03264.0 AH2: Argentine Army 0117 USB SS Mil exercises. Also AH1,
AH3, AH4, AH6, AH8 (06/10/04) (AJP)
03266 TZS: Unid Spanish Guardia Civil Net 2038 ALE/USB Calls TXXX.
Could TXXX be a collective call? (08Oct04) (RGA)
03275 JP40: Algerian MOI 2246 ALE/USB wkg JP52. (05Oct04) (RGA)
03275 JP47: Algerian MOI 2003 ALE/USB wkg JP49. (07Oct04) (RGA)
03291 : CIS Military 2001 81-81/81/230 cipher. (30Aug04) (RGA)
03291.0 OWE: DAF Karup 1558 USB ALE/MIL-188-141A clg OWK
(03/SEP/04) (KK)
03291.0 OWI: DAF Aalborg 1559 USB ALE/MIL-188-141A clg ??? all
St. (03/SEP/04) (KK)
03294.0 4TPA: unid prob CIS 1951 CW "vvv=PDK de 4TPA QTC K" then
"4tpa 927 32 20 2345 9 07 = 621 = 15551... 5fg number msg"
(20-sept-2004) (MSM)
03302 : Russian Military 2205 CW Ends 4FG msg QTC K. Continues
with abbreviated-form msg: 600 = 1803 0328 7857 8794 9789
7518 9390 1643 0708 K. (06Oct04) (RGA)
03310.0 UTT: ODESSA RADIO (UTT), UKR, 1855, USB, YL/slavic voice
mirror, ended @1900, 05-Sep-2004 (CK)
03349 NNOZPs: US Navy-Marine Corps MARS 0136 USB This is NNN0ZPS,
This is NNN0ROS, This is NNN0JGS Region 4 check ins.
(03Oct04) (CC)
03349.7 Unid: 0545 ??? high speed shrill sounding Aug29 04ML
03350.0 unid: 0447 AM french / south accent . data report :numbers
only sep01 04 ML
03390 MGJ: RN Secure Bcast System 2143 RTTY/75/850 CARBs
02 04. (02Oct04) (RGA)
03390 NNN0JQC: US Navy MARS Net Control Region 4. 0057 ALE/USB

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This is NNN0LHR-GA with around the Southeast US check ins.
The net was moved to 4038.5 This is NNN0AOC.

(01Oct04) (CC)

- 03405.5 fishermen: 2034 USB dutch d/x Sep08 04 ML
03413 EIP: SHANNON VOLMET IRL 0719 USB. (02Oct04) (CC)
03428 : Unid Fishfone 2004 SAILORCRYPT Analogue scrambled voice.
Male and female voices. (30Aug04) (RGA)
03476.0 MWARA NAT-F (Gander Rdo): 0214z USB, wkg NORTHWEST 54;
Selcal check. (11/Oct/2004) (ALS)
03476.0 MWARA-Gander: 0424z USB wkg N117TF, selcal check, handoff to
Gander's 122.375. (19/Sep/2004) (ALS)
03476.0 MWARA-Gander: 0426z USB wkg N416QS, Pos rep at 55 North,
40 west, handoff to Shanwick's 2899. (19/Sep/2004) (ALS)
03476.0 MWARA-Shanwick: 0417z USB wkg BOXER 41 (C-40C, DC-ANG
Andrews AFB 113W 201ALS), selcal check. (19/Sep/2004) (ALS)
03480 : Unid Fishermen 2145 SAILOR-CRYPT Analogue scrambler.
Simplex. Male voices. (02Oct04) (RGA)
03485 GANDER RADIO: VOLMET 2050 USB OM with canadian airfields
forecasts. //13270 10051 6604. All audible in W.Europe. New
York not heard on any of these frequencies.
(09Oct04) (RGA)
03485 WSY70: NEW YORK RADIO (VOLMET) 0716 USB ALso VFG/GANDER
RADIO (VOLMET). // 6604/WSY70/VFG. (02Oct04) (CC)
03485.0 GANDER vm 0553 USB "gander , st john ..." Aug29 04ML
03485.0 New York Volmet: 0005 USB EE WX report (03/10/04) (AJP)
03486.0 unid: 0731 f1/cw very slow : kp6f + qr2u qr2u qr2u
24Aug04(wp3)
03570.0 INV: UNID ?LOC 2245 RTTY//75/N/850 CARB "03 07 INV". No
apparent corruption. Special CARB from Italy for use with
NATO "Destined Glory 2004" exercise? Clock every 5 minutes 4
mins slow! No parallel tx found 6, 7 or 8 MHz
(02/Oct)(DW)
03590 INV: Unid 2155 RTTY/75/850 CARBs 03 07. In QRM but get
consistent ID of INV. Faulty transmission?
(02Oct04) (RGA)
03593.3 dlvc: : German CG ship ZB Rügen 1722 sitor-a position
report to kuewaz 24Aug04 (wp3)
03593.3 dlvi : German CG ship ZB Priwall 0600 sitor-a position
report to kuewaz 24Aug04 (wp3)
03593.3 dlvi: : german coast guard ship ZB Priwall 2156 sitor-a
#99434 position report to 75205 dqz28 06Sep04 (wp3)
03593.3 dqz28: : German CG centre Kuewaz Ostsee 1724 sitor-a
position report from dlvc 24Aug04 (wp3)
03700 NELC: Unid 1410 CW Beacon up H+10-20 and H+40-50. Earlier
calls were: VTI8 SFO3 IGAE POCI and UXUO, on a 4-week
rotation? (04Oct04) (AB2)
03756.0 "Dash":CIS MIL marker-http://www.geocities.com/uvb76/, 2011
USB,(20-sept-2004)(MSM)
03803 KUPERJANOVIY: Estonian Independent Inf Bn Kuperjanov 2016
ALE/USB wkg YSP/Indep Signals Bn. (07Oct04) (RGA)
03803 KUPERJANOVIYJP: Estonian Indep Inf Bn Kuperjanov 2241
ALE/USB Calls PARNUYJP/Indep Inf Bn Pärnu. YSP is around as
well. (05Oct04) (RGA)
03803 PAR: Estonian Independent Inf Bn Pärnu 1929 ALE/USB Calls
YSP/Indep Signals Bn. (14Oct04) (RGA)
03808.5 RJD69: Russian Navy? Bcast 2010 CW RJT45 de RJD69 QTC 406 22
... (abruptly faded) 5FGs ... (faulty transmitter).
(30Aug04) (RGA)
03810.0 hd2: ioa guayaquil ts /ecuador 0532 LSB span Sep12 04 ML
03810.0 HD2IOA: TS Guayaquil 0030 LSB Time announce in SS Very low
and QRM (13/09/04) (AJP)
03810.0 HD2IOA: TS Guayaquil 0030 LSB Time announce in SS Very low
and QRM (13/09/04) (AJP)
03812.0 ---: Unid 0330 Stanag 4285 ? (25/09/04) (AJP)
03812.0 Unid: 0330 Stanag 4285 ? (25/09/04) (AJP)
03823 AA1: Prob Israeli AF 2157 ALE/USB Sounding. (04Oct04) (RGA)
03823 KUPERJANOVIYJP: Estonian Independent Inf Bn Kuperjanov 2133
ALE/USB wkg PARNUYJP/Indep Inf Bn Pärnu. Both very active

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3823 3803 and 3900 with modem activity. (04Oct04) (RGA)
 03823 YNT: Unid 2106 ALE/USB Sounding. (01Oct04) (RGA)
 03824.0 AAA: Israeli Airforce 1827 USB ALE snd (02/SEP/04) (KK)
 03826 6IP3: Ukranian Military 2215 CW Msg for 2DBP: 475 55 5 0110
 475 = 843 = AAAAA RTWUä OUPYO ... ENUYA KDKDL K (Should be
 KDKDW). RPT PBL NO QXX QCZ. QXX QCZ. R ? NO RPT PBL QXX QCZ.
 QXS QXX. OK QCZ QXX. BK (Having difficulty getting QSL).
 (04Oct04) (RGA)
 03826 JHVF: Ukranian Military 2136 CW Comms check with 3YFJ BS4B
 7T1D BA6I SUZO YWYY V1JA QT5Z SOLN THE8 VITR FCSD and BLOT.
 (01Oct04) (RGA)
 03826 L9NO: Ukranian Military 2204 CW Bcast msg to collective
 JRT0: QTC 313 55 5 0100 313 = 843 = AAAAA üAäFZ MMLRX
 JGLMN KDKDW = (repeats msg) (ends) RPT AL QXS.
 (04Oct04) (RGA)
 03826 MIKT: Ukranian Military 2120 CW Msg for SUZO 195 54 2 0010
 195 = 886 = 15551 08129 ... 81044 02052 K. (01Oct04) (RGA)
 03826.0 P2L9: CIS 1908 CW 5fg msg broken with mixed single or 2
 signs,hand cw,cirillics used,stops&starts without any
 sens,TX ended with BK KVB,tx: ttt5 ttt5 ttt5t de p219
 p219 QTC 7t8 74 2t 22tt 7 t 8 = 375 = and came a bunch of
 5fg msgs. (20-sept-2004)(MSM)
 03829.3 dlvh: : german coast guard ship ZB Emden 0728 sitor-a
 #89836 & #8222;Lagemeldung“ and weather from
 (65509 zoll o) 06Sep04 (wp3)
 03840.0 YHF2 Numberstation 2030 USB fem. Voice: Yankee-Hotel-
 Foxtrott-Two (19/OCT/04) (KK)
 03850.0 B7Z101: B Coy 7/101st Avn Ft Campbell KY USA 0250 USB/ALE
 SND 18Aug04 (MO)
 03855.0 DDH3: DWD Kiel, D, 2135, FAX 120/575, North Atlantic meteo
 charts, 17/8/2004 (CK)
 03855.0 DDH3: hamburg 0444 FAX surface wx chart Aug28 04 ML
 03900 KUPERJ: Estonian Independent Inf Bn Kuperjanov 2006 ALE/USB
 Wkg PARNUYJP/Indep Inf Bn Pärnu. (07Oct04) (RGA)
 03900 YSP: Estonian Independent Signals Bn 1933 ALE/USB Calls
 KUPERJANOVIYJP/Indep Inf Bn Kuperjanov. Later calls
 PARNUYJP/Indep Inf Bn Pärnu on 4883. (14Oct04) (RGA)
 03900 YSP: Indep Signals Bn Estonian Army 2126 ALE/USB Calls
 KUPERJAHIVIYJP/Indep Inf Bn Kuperjanov then
 PARNUYJP/Estonian Indep Inf Bn Pärnu. (01Oct04) (RGA)
 03900 YSP: Independent Signals Bn Estonian Army 2129 ALE/USB Calls
 KUPERJANOVIYJP/Estonian Indep Inf Bn Kuperjanov.
 (30Sep04) (RGA)
 03900.0 DHN66: NATO Geilenkirchen ch.A02 1917 USB/voice comms in
 german,1side copied,ALE also present: KUPERJANOVIYJP to YSP
 - Estonian MIL(20-sept-2004)(MSM)
 03900.0 KUPERJANOVIYJP: Estonian MIL 1922 USB/ALE calls YSP
 (20-sept-2004)(MSM)
 03900.0 PARNUYJP: Estoian MIL 1924 USB/ALE calls YSP
 (20-sept-2004)(MSM)
 04021.5 R26584: (UH-60, 1/159th Avn): 0012 USB/ALE TO T1Z159
 (1/159th Avn, Simmons AAF, Ft Bragg NC). Also noted on
 03238.5; 06911.5 and 07361.5;19/08 RP3
 04040.0 unid: ship 0611 USB voice encrypt & regular short arq
 transmission?? Aug29 04ML
 04052.0 fishermen: 0306 LSB ee d/x Sep11 04 ML
 04077.0 unid: 2030 French west coast trawlers USB 01/09 (PP1)
 04117.5 : Unid 1932 UNID/100/160 No ACF. (01Oct04) (RGA)
 04137 FRA: Unid 2111 ALE/USB Calls JPQ who responds.
 (06Oct04) (RGA)
 04137.0 FRA: LITHUANIAN VESSEL 0515 MIL.STD 188-141A ALE on usb.
 C1ng JPQ (09/Oct)(DW)
 04137.0 JPQ: LITHUANIAN NAVY KLAIPEDA 0356 MIL.STD 188-141A ALE on
 usb. C1ng FRA. Also 0503. C1ng M1K 0414 0427 0454 0456 0500
 0503 0510 (09/oct)(DW)
 04137.0 M1K: LITHUANIAN VESSEL 0353 MIL.STD 188-141A ALE on usb.
 C1ng self. C1ng JPQ. Also 0549, 0454 responds to JPQ, also
 0500z (09/oct)(DW)

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04140.0 unid: 2035 Spanish trawlers net USB 01/09 (PP1)
04143.5 unid: 2040 Swedish or Norwegian trawlers net USB 01/09 (PP1)
04146.0 SHRIMPERS: 0456z USB, boat-boat chat. (11/Oct/2004) (ALS)
04149.0 WPE-Jacksonville (Tugboat Ctrl Sta): 0500z USB wkg unid boat at 18-20 North, 66-55 West (near Puerto Rico). (11/Oct/2004) (ALS)
04149.0 WPE-Jacksonville (Tugboat Ctrl Sta): 0503z USB wkg tugboat WPN 2015 at 23-20 North, 68-06 West (near Bahamas). (11/Oct/2004) (ALS)
04149.0 WPE-Jacksonville (Tugboat Ctrl Sta): 0509z USB wkg tugboat WBN 3013 ("Tug Sentry") at 26-40 North, 76-28 West (East of Miami): reports Days Run: 244; Distance: 760 mi; Hours Run: 75; Dist to go: 340 mi; ETA 0900 on 12 Oct; 900 rpm both engines; Sea State: light; winds NW at 5 knots; Course 311; Swells NE at 5 ft. (11/Oct/2004) (ALS)
04149.0 WPE-Jacksonville (Tugboat Ctrl Sta): 0511z USB wkg tugboat WPN 5040 ("Tug Pioneer"). (11/Oct/2004) (ALS)
04149.0 WPE-Jacksonville (Tugboat Ctrl Sta): 0513z USB wkg tugboat WPN 7618 at 23-41 North, 73-31 West (Bahama Islands): reports Days Run: 254; Distance: 500 mi; Dist to go: 599 mi; ETA 1200 on 13 Oct; 900 rpm both engines. (11/Oct/2004) (ALS)
04149.0 WPE-Jacksonville (Tugboat Ctrl Sta): 1717z USB wkg tugboat WBN 3016 ("Tug Defender"). (11/Oct/2004) (ALS)
04149.0 WPE-Jacksonville (Tugboat Ctrl Sta): 2330z USB wkg tugboat WPN 7618; directs him to make arrival at 0001z on 15 Oct. (11/Oct/2004) (ALS)
04149.0 WPE-Jacksonville (Tugboat Ctrl Sta): 2331z USB wkg tugboat WBN 3016 ("Tug Defender"); starboard radar is back on line. (11/Oct/2004) (ALS)
04149.0 WPE-Jacksonville (Tugboat Ctrl Sta): 2332z USB wkg tugboat WBN 3013 ("Tug Sentry"). (11/Oct/2004) (ALS)
04149.0 WPE-Jacksonville (Tugboat Ctrl Sta): 2332z USB wkg tugboat WBN 3015. (11/Oct/2004) (ALS)
04154.0 DA2998: Ger. Ship "KETO" 1905 P-I/100Bd <Calling:DG2023>Ger. Ship "CLAIRE" P-II msg (02/SEP/04) (KK)
04207.5 DMJP: Lili Marleen 2145 GMDSS RQS LyngbyRadio/OXZ for safety check. (05Oct04) (RGA)
04209.5 P: CHI-LUNG 1830 fec 100/E/170 Nav wngs and wx for Taiwan waters. (11/Oct)(DW)
04209.5 TAH: ISTANBUL RADIO 0201 fec 100/E/170 wx in EE followed by wx in TT. 0512 "zycz". 0601 "Istanbul Turk Radio test testutes nnn~" (11/Oct)(DW)
04209.5 TAH: ISTANBUL RADIO 2158 fec 100/E/170 wx in EE followed by wx in TT (10/Oct)(DW)
04209.5 TAH: IstanbulRadio Turkey 2157 ARQ w/Morse ID. Then FEC/NAVTEX with weather forecast in English and Turkish. (10Oct04) (RGA)
04214 IDR/IGJ: Italian Navy Rome/Augusta 1935 RTTY/75/850 IGJ42=CO then HB1 the CR then CO. Unknown conditions. Legend not being broadcast. (01Oct04) (RGA)
04218.5 XSG: Shangai R 1058 CW marker (19/08/04) (AJP)
04232.0 FUF: FN Fort de France MRT ITA2/75/850 ryryry sgsgsg de FUF 4/sept04 (PPA)
04244 DAO4A: KielRadio GER 1810 PACTOR-SCS Idling. (07Oct04) (RGA)
04292 IAR: RomeRadio 2024 CW weather forecast in EE. (30Aug04) (RGA)
04295 FUE: FN Brest 2025 RTTY/75/850 ALL de FUE (test idlers). (30Aug04) (RGA)
04317.9 NMG: new orleans uscg 0638 FAX poor qual wind forecast 48h Sep18 04ML
04321.6 MGJ: RN Bcast System 1536 RTTY/75/250 in VFT. CARBs. (06Oct04) (RGA)
04325.5 SUP: port said ?? 0506 CW s8/10 ? encrypted ? Sep04 04 ML
04338.0 Unid: 0522 ITA2/75 enc Sep04 04 ML
04356.6 Charlie-Golf: DRCG P-6123/S73-HERMELIN [7. SG warnemünde] 1814 USB wkg DHJ58 GNY Gluecksburg, D (23/SEP/04) (KK)
04360.0 KPA2: Numberst. 1718 USB female voice (05/SEP/04) (KK)

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04364.5 3AC: Monaco Radio 1640 P-II/100Bd (04/SEP/04) (KK)
04372 GIANT KILLER: US Navy FACSFAC Virginia Capes VA 2341 USB.
(13Oct04) (CC)
04372 JULIETT: 0150 USB with HOTEL, others in USN gator
coordination net. Lots of players in this net.
(15Sep04) (RB)
04409 : Enigma M51 2021 CW NR 64 o 14 22:20:36 2004 = YVLMK LPKJB
... // 5135. (14Oct04) (RGA)
04415 CT3: Unid 2138 ALE/USB calls CU6. (30Sep04) (RGA)
04424.5 L: MX Beacon Tirana 0540 CW From (KK): // 3204 at 1542.
(14Oct04) (WC)
04424.5 L: MX Beacon Tirana 0608 CW (15Oct04) (WC)
04424.5 L: MX Beacon Tirana 0614 CW (27Sep04) (WC)
04430 : Unid Fishermen 1950 SAILOR-CRYPT/USB Male voices. Simplex.
(01Oct04) (RGA)
04442 : NATO Tactical Modem 1951 LINK-11/2250/USB TADIL-A.
(01Oct04) (RGA)
04456 3NXS: Russian Military 2120 CW End of comms check with at
least 3NXS and HAC5. (06Oct04) (RGA)
04456 3NXS: Russian Military 2239 CW Comms check with at least
EDG? YZOU AG2T. (05Oct04) (RGA)
04465.5 unid: British mil 04:45 Piccolo12 encrypted traffic
4/sept/04 (PPA)
04469 : Southeast Region Cap Net 2357 USB check in with Southeast
Cap 43, GA Cap 661, Mocking Bird 4, 8 Florida Cap 104, 409.
(06Oct04) (CC)
04471 TKFI: Russian Military 2113 CW Msg for IMHN: 889 32 7 0102
889 = 288 = PPPPP TTPöä RÄNRN ... TTPöä RÄNRN PUPWO 962 RPT
AL K. IMHN repeats back msg on QSX freq 3969 kHz and gets C
K from TKFI. (06Oct04) (RGA)
04489 IY4H: CIS Military 1955 CW Ends 46-group 5LG msg 'NGVRO
PAPRY 458 RPT AL K'. Then comms check with PYT6 2ZCZ and
6AM8. (01Oct04) (RGA)
04489 IY4H: Russian Military 2319 CW Msg for 6AM8: 227 29 5 0252
227 = 751 = PPPPP JKFE0 OSEÖN .. JKFE0 OSEÖN 056 RPT AL K.
6AM8 repeats back msg on QSX freq 3981 kHz. (04Oct04) (RGA)
04489 IYVH: Russian Military 2126 CW Msg to collective QF2B: QTC
876 36 11 0114 876 = 848 = PPPPP OKYIN INGIJ ... OKYIN INGIJ
ääPEE 987 (Rpts msg; ends) AR. (10Oct04) (RGA)
04489 PKT6: Russian Military 2018 CW Msg to collective 2CKJ: QTC
537 39 11 0007 537 = 890 = PPPPP YESVä TBüü ... YESVä TBüü
ääPEY 987 (Rpts msg; ends) AR. (10Oct04) (RGA)
04490.0 MM2: (FBI, Miami): 1039 USB/ALE TO QT2 (FBI, Quantico VA).
03/09 RP3
04505 JP52: Algerian MOI 2050 ALE/USB calls JP55. (06Oct04) (RGA)
04505 JP54: Algerian MOI 1949 ALE/USB wkg JP63. JP40 JP47 JP57
JP59 JP61 also active. (05Oct04) (RGA)
04505 YA54: Algerian MOI 2116 ALE/USB wkg YA52. YA48 calls YA4.
(04Oct04) (RGA)
04507.0 TKM: Israeli Air Force?: 0156 USB ALE (09/SEP/04) (JLM)
04509.0 RED CLOUD 196: & RED CLOUD 146, CAP stations: 0140 USB voice
& SSTV. Pictures sent in Scottie 2 & Scottie DX formats
(09/SEP/04) (JLM)
04525.0 CUFAN1: & CCGN, Venezuelan Military: 0110 USB ALE
(28/AUG/04) (JLM)
04530 BORA: Albanian MOI Bora 2118 ALE/USB calls DRINI/MOI Drini.
(06Oct04) (RGA)
04540.0 fishermen: 2014 USB span Sep04 04 ML
04550 S4S0000GBMRM1: Unid 2112 ALE/USB wkg V1S0000EKCOPER.
(08Oct04) (RGA)
04555.2 dlvb : German CG ship ZB Schleswig-Holstein 0600 sitor-a
position report to kuewaz 24Aug04 (wp3)
04555.2 DLVB: 2000 German Customs ship Schleswig Holstein
w/position report Sitor A 23/09 (PP1)
04555.2 dlvb: : german coast guard ship ZB Schleswig-H 0715 sitor-a
#88298 & #8220; Lagemeldung“ and weather (65509 zoll
cux) 07Sep04 (wp3)
04555.2 dlvh: : german coast guard ship ZB Emden 0808 sitor-a #89836

position report 07Sep04 (wp3)
 04555.2 fishermen: 0648 USB port d/x Sep18 04 ML
 04555.2 German CG Kuewaz: 0800 sitor-a daily briefing and weather to
 unid CG ship 23Aug04 (wp3)
 04558.5 : CIS Military 2028 MS-5/1440/DPSK/USB In cipher. Much MS-5
 and BEE activity probably indicates RUSMil exercise.
 (01Oct04) (RGA)
 04560.0 YHF2: Numberst. 2100 USB female voice (03/SEP/04) (KK)
 04562.0 STINY: Nat'l Guard unit, possibly Stillwater NY): 0022
 USB/ALE sounding. 28/08 RP3
 04582 DDK2: DWD Pinneberg GER 0315 RTTY/50/450 Meteo SYNOP
 message. (26/09/2004) (JA)
 04596.0 FDG: FAF Bordeaux F 04:25 A1A vvv de FDG 4/sept04 (PPA)
 04604.0 RED FIRE 114: CAP net operations: 1321 USB voice
 (22/SEP/04) (JLM)
 04604.0 Red Robin 8: (Civil Air Patrol, Michigan): 0103 USB checking
 in various Red Robin stations on the Michigan Directed Net.
 18/08 RP3
 04604.0 Red Robin 8: (Civil Air Patrol, Michigan): 0103 USB
 w/Directed HF Net check ins: Red Robin 78; 164; 301 & 304.
 24/08 RP3
 04612.5 FDG: faf bordeaux 0529 CW de ... Sep04 04 ML
 04616.0 BMF: TAIPEI MET 1955 FAX//120/576/N/800 weak signals in
 noise/qrm. Only hazy winds arrows discernable.
 (02/Oct)(DW)
 04625.0 unid: buzzer 2015 Sep04 04 ML
 04628.0 rffxcb: : FF unid 1459 arq-e/184.5/300 vzcrcrtc 019 rffxcc
 de rffxcbb 251 1537 znr uuuuu zic rtc 017 nnnn
 apparently counterpart 4840 khz 07Sep04 (wp3)
 04647.0 Unid: Argentina 1115 USB SS wx report ,highways status,
 Corrientes and Entre Rios Provinces. Possible Civil Defense
 (18/08/04) (AJP)
 04670.0 fishermen: 0649 USB french Sep19 04 ML
 04675 G-OBYJ 0437 USB MWARA NAT-D, Britannia Ariways G-OBYJ,
 selcal HLGR, repeatedly calling Bodo with noy joy, Iceland
 steps in and they report posn and fuel status, selcal check
 OK 15/Oct/2004 (TR)
 04675 G-VIIF 0418 USB MWARA NAT-D, British Airways G-VIIF,
 selcal GKDR, working Iceland with posn, wx, fuel status and
 selcal check, requesting routing confirmation and new
 flightlevel 380, Iceland advises to maintain F330 and to
 contact Arctic west of 88W 15/Oct/2004 (TR)
 04675 N601AN 0518 USB MWARA NAT-D, American N601AN, selcal
 CQLP, working Iceland with posn, wx and fuel status and
 selcal check, requesting routing confirmation and wx for
 BGTL (Thule AB), CYLT (Alert) and CYEU (Eureka)
 15/Oct/2004 (TR)
 04700 AA1: Israeli AF 2301 ALE/USB Calls ACCES1. (04Oct04) (RGA)
 04700 YI4K: Unid 1245 CW 5J4I 5J4I 5J4I de YI4K YI4K V
 (repeating). (03Oct04) (AB2)
 04721 233116: USAF C-141 0428 USB/ALE (21Sep04) (CC)
 04721 ICZ: US NAS Sigonella ITA 1920 ALE/USB Sounds.
 (07Oct04) (RGA)
 04721 JNR: US NAS Salinas PR 2318 ALE/USB Calls AED/USAF Elmendorf
 AFB AK. (04Oct04) (RGA)
 04721 OFF: offutt AFB NE USA 0215 ALE/USB. (03Oct04) (CC)
 04723 : Unid *PARKHILL* 0212 USB. (03Oct04) (CC)
 04724 ANDREWS: Andrews AFB MD 0730 USB with EAM. (22Sep04) (CC)
 04724 OFF: offutt AFB NE 0424 USB with EAM (V6L75P). // 11244
 11175 8992 6739 6712. (12Oct04) (CC)
 04739 FIGHTING TIGER 20 (720): 0200 USB P-3C, VP-8 NAS Brunswick
 wkg GOLDEN HAWK (TSCC, NAS Brunswick) w/spare group msg.
 (15Sep04) (RB)
 04742.0 Architect: (RAF Flight watch): 0413 USB w/airfield wx
 report. 20/09 RP3
 04745 CRONPR: USAF SIPRNet Stn RAF Croughton UK 1925 ALE/USB
 Sounding. (05Oct04) (RGA)
 04745 CRONPR: USAF SIPRNet Stn RAF Croughton UK 1935 ALE/USB

Sounding. (07Oct04) (RGA)

04751.0 TWLL: GUARDIA CIVIL LA RIOJA 0611 MIL.STD 188-141A ALE on usb. C1ng TXXX. Also 0623 (04/Oct)(DW)

04751.0 TZSH: GUARDIA CIVIL HUELVA 0622 MIL.STD 188-141A ALE on usb. C1ng TXXX (04/Oct)(DW)

04751.0 TZSO: GUARDIA CIVIL CORDOBA 0621 MIL.STD 188-141A ALE on usb. C1ng TXXX (04/Oct)(DW)

04766.0 EH31: UNID 0037 MIL.STD 188-141A ALE on usb. C1ng HN32, also 0041. C1ng HN31 0047, 0051, 005 and HN30(?) 0102 (04/Oct)(DW)

04766.0 GW32: UNID 0021 MIL.STD 188-141A ALE on usb. C1ng HN32 (04/Oct)(DW)

04766.0 HN32: UNID 0037 MIL.STD 188-141A ALE on usb. Responds to EH31, also 0041 (04/Oct)(DW)

04770.0 MT1: LITHUANIAN MIL ?LOC 0604 MIL.STD 188-141A ALE on usb. Responds to TN1 (04/Oct)(DW)

04770.0 TN1: LITHUANIAN MIL ?LOC 0604 MIL.STD 188-141A ALE on usb. C1ng MT1 (04/Oct)(DW)

04782.5 ---: GAF? ?LOC 1747 ARQ/E 85.7/E/170 4rc. Poor sync, encrypted tfc thru 1754 (04/Oct)(DW)

04785.0 ---: UNID 1903 CW [30wpm] but unreadable in noise floor (03/Oct)(DW)

04789.5 AAR7FP: US Army MARS net operations: 1318 USB voice (22/SEP/04) (JLM)

04795 F236AA: US Army 236 Med Co Landstuhl GER 2052 ALE/USB Sounds. (06Oct04) (RGA)

04795 F236AA: US Army 236 Med Co Landstuhl GER 2109 ALE/USB Sounding. (08Oct04) (RGA)

04795.0 F236AA: US ARMY MEDICAL LANDSTUHL 0333 MIL.STD 188-141A ALE on usb. Sounding. Also 0534 (05/Oct)(DW)

04795.0 R26023: US Army UH-60A Blackhawk D D 0853 USB/ALE TO F236AA 17Aug04 (MO)

04800.0 68: DANISH ARMY ?LOC 0555 MIL.STD 188-141A ALE on usb. C1ng DK11 (05/Oct)(DW)

04802.0 NNN0DLO: USN/USMC MARS station: 0113 USB voice. Relaying message from FEMA station WGY908 (28/AUG/04) (JLM)

04816.0 LOL: AN Buenos Aires 0110 RTTY 75/170 5LG Over a broadcasting. New freq. (20/08/04) (AJP)

04825.0 NNN0TUL: USN/USMC MARS net operations: 1317 USB voice (22/SEP/04) (JLM)

04828.0 P: C1SN BEACON KALININGRAD 0715 CW S1ongle letter [P] HF beacon (05/Oct)(DW)

04840.0 rffxcc: : FF unid 1507 arq-e/184.5/300 zczccrt044
rffxcb~e~m1~c~n~cbb de rf~fx~c~f~x~ 25~ 1536 2
znr uuuuu apparently counterpart 4628 khz 07Sep04 (wp3)

04841.0 OWE: DAF KARUP 0141 MIL.STD 188-141A ALE on usb. C1ng OWD (06/Oct)(DW)

04841.0 OWE: DAF KARUP 2240 MIL.STD 188-141A ALE on usb. C1ng OWE (06/Oct)(DW)

04841.0 OWE: DAF KARUP 2341 MIL.STD 188-141A ALE on usb. C1ng OWD (05/Oct)(DW)

04841.0 OWF: DAF SKRYDSTRUP 0217 MIL.STD 188-141A ALE on usb. C1ng OWE (07/Oct)(DW)

04841.0 OWI: DAF AALBORG 0500 MIL.STD 188-141A ALE on usb. C1ng OWD. Also 0542 (06/Oct)(DW)

04841.0 OWI: DAF AALBORG 0710 MIL.STD 188-141A ALE on usb. C1ng OWF. C1ng ? at 0712 (08/Oct)(DW)

04860.5 OA: Dutch mil 1246 USB ALE/MIL-188-141A c1g B10 (14/SEP/04) (KK)

04876.5 AFA1XT: AF Mars Station 0459 P-I/Ham 100Bd <Calling:AFD3MC> AFMARS < MAIL \$4120_B MAIL \$4119_BBS1XT (13/SEP/04) (KK)

04876.5 AFA2AE: AF Mars Station FL Reg.2 0450 P-I/Ham 100Bd Infos about Hurrican Ivan (13/SEP/04) (KK)

04876.5 unid: AF Mars 0420 P-I/Ham 100Bd c1g AFD3MC (10/SEP/04) (KK)

04876.5 unid: AF Mars Station 0458 P-I/Ham 100Bd <Calling:AFA1PZ> (13/SEP/04) (KK)

04880.0 ULX2: Numberst. 1800 USB female voice (01/SEP/04) (KK)

04924.5 HQ703N: (Nat'l Guard HQs, Arlington VA): 1212 USB/ALE TO

C010TN (Nat'l Guard, Connecticut). Also noted on 05847.0.
13/09 RP3

04925 0000210001: Prob Greek Military 1921 ALE/USB Sounds.
(07Oct04) (RGA)

04925 0000210001: Prob Greek Military 1939 ALE/USB Sounding.
(05Oct04) (RGA)

04925 0000210788: Prob Greek Military 2139 ALE/USB Sounding.
(06Oct04) (RGA)

04930 KUPERJANOVIYJP: Estonian Indep Inf Bn Kuperjanov 1918
ALE/USB Calls PARNUYJP/Independent Inf Bn Pärnu.
(05Oct04) (RGA)

04930 KUPERJANOVIYJP: Estonian Indep Inf Bn Kuperjanov 2122
ALE/USB wkg PARNUYJP/Independent Inf Bn Pärnu.
(06Oct04) (RGA)

04930 KUPERJANOVIYJP: Estonian Indep Inf Bn Kuperjanov 2156
ALE/USB Calls YSP/Indep Signals Bn. (30Sep04) (RGA)

04930 PARNUYJP: Estonian Indep Inf Bn Pärnu 2150 ALE/USB Calls
KUPERJANOVIYJP/Indep Inf Bn Kuperjanov. (23Sep04) (RGA)

04930 YSP: Indep Signals Bn Estonian Army 2154 ALE/USB Calls
KUPERJANOVIYJP/Indep Inf Bn Kuperjanov. (23Sep04) (RGA)

04930.0 YSP: Estonian Single Signals Battalion 1947 USB ALE clg
ROK: Est. Peace Operations Center (04/SEP/04) (KK)

04959.0 PSNN: 0607 USB polish?? numbers Sep04 04 ML

04990 3434: Unid 1940 ALE/USB Sounding. (07Oct04) (RGA)

04991.0 unid: unid prob CIS 2017 CW 5fg number msg,ended with
"==E 549 549 35 35 t t" (20-sept-2004)(MSM)

04991.5 D02: Dutch Mil 0807 USB ALE clg D06 (04/SEP/04) (KK)

04991.5 D02: Dutch Mil 1945 USB ALE clg D07 (04/SEP/04) (KK)

04991.5 D09: Dutch Mil 1946 USB ALE clg D07 (04/SEP/04) (KK)

04993.3 unid: Fronet Station, S 2046 P-I/100Bd <Calling:F41HLI>
(03/SEP/04) (KK)

05000.0 AA2: Israeli Airforce 1902 ALE/MIL-188-141A clg ACCES2
(01/SEP/04) (KK)

05000.0 AT3: Israeli Airforce 1902 USB ALE/MIL-188-141A clg AA2
(01/SEP/04) (KK)

05000.0 YVTO: TS Caracas 0025 AM Time announce in SS (13/09/04) (AJP)

05000.0 YVTO: ts caracas 0624 USB span every minute Sep04 04 ML

05006 971NHQCAP: Various CAP Stns TIME??? ALE/USB CAP ALE
addresses seen: 971NHQCAP, 044NCRCAPNCRCAP, 046NHQCAP,
0004WICAP4WICAP, 022NHQCAP, 033NHQCAP, 047NHQCAP
(14Oct04) (CC)

05006.0 046NHQCAP CAP Maxwell AFB AL USA 0429 USB/ALE SND
23Aug04 (MO)

05032.5 C03: Unid 2107 ALE/USB Calls C01. C07 also seen.
(29Sep04) (RGA)

05032.5 C08: Unid 'CNET' Net 2011 ALE/USB wkg C06 who responds.
(05Oct04) (RGA)

05035 JP59: Algerian MOI 2009 ALE/USB wkg JP40. JP47 JP52 JP59
JP61 HN42 also seen. (05Oct04) (RGA)

05064 9MB: RMN Penang Malaysia 1600 CW Comms drill, lengthy 5LGs,
5FGs and plaintext. (24Sep04) (AB2)

05065.0 0004WI: (partial copy of call), wisconsin NG in radio check:
1526 USB ALE & voice (22/SEP/04) (JLM)

05088.5 USAIS1012: & USADA1010, US Army stations: 1431 USB ALE
(20/SEP/04) (JLM)

05088.5 USAIS1012: (US Army Intelligence & Security Command, Ft
Belvoir VA): 1332 USB/ALE TO USAFC1250 (US Army Forces
Command (FORSCOM), Ft McPherson GA). 25/08 RP3

05088.5 USAIS1012:)US Army Intelligence & Security Command, Ft
Belvoir VA): 1422 USB/ALE TO USACE1010 (US Army Corps of
Engineers). 18/08 RP3

05101 T1Z106: 1 Bat 106 Avn Regt US Army Deployed 2135 ALE/USB
Sounding. (23Sep04) (RGA)

05101.0 F3Z158: US MIL? 0502 MIL.STD 188-141A ALE on usb. Sounding
(28/Sep)(DW)

05101.0 R00300: unid prob. US ARMY helicopter 2138 USB/ALE wkng
R00304 (02-sept-2004)(MSM)

05101.0 T1Z106: US ARMY AVIATION ?LOC 0156 MIL.STD 188-141A ALE on

usb. Sounding (28/Sep)(DW)
05140 5557: N.African Net 2028 ALE/USB Sounding. (05Oct04) (RGA)
05154 P: MX Beacon Kaliningrad 2035 CW 5153.9-D/Odessa. 5154-
P/Kaliningrad. Possibly s/Arkhangelsk in QRM.
(30Aug04) (RGA)
05179 TOP022: Polish Mil 1533 ALE/USB to ODM036 (12Oct04) (ZE)
05179.0 TOP022: Polish Mil 1533 USB/ALE to ODM036 (12OCT04) (ZE)
05179.5 GWL042: Polish Mil 1502 ALE/USB to OLI021 (12Oct04) (ZE)
05179.5 GWL042: Polish Mil 1502 USB/ALE to OLI021 (12OCT04) (ZE)
05179.5 GWL043: Polish Mil 1521 ALE/USB to OLI021 (12Oct04) (ZE)
05179.5 GWL043: Polish Mil 1521 USB/ALE to OLI021 (12OCT04) (ZE)
05179.5 GWL044: Polish Mil 1342 ALE/USB to RAT038 (12Oct04) (ZE)
05179.5 GWL044: Polish Mil 1342 USB/ALE to RAT038 (12OCT04) (ZE)
05179.5 GWL045: Polish Mil 1531 ALE/USB to GWL044 (12Oct04) (ZE)
05179.5 GWL045: Polish Mil 1531 USB/ALE to GWL044 (12OCT04) (ZE)
05179.5 IKZ040: Polish Mil 1405 ALE/USB to RAT038 (12Oct04) (ZE)
05179.5 IKZ040: Polish Mil 1405 USB/ALE to RAT038 (12OCT04) (ZE)
05179.5 MAP024: Polish Mil 1541 ALE/USB to ODM036 (12Oct04) (ZE)
05179.5 MAP024: Polish Mil 1541 USB/ALE to ODM036 (12OCT04) (ZE)
05179.5 ODM036: Polish Mil 1458 ALE/USB to WIE028 (12Oct04) (ZE)
05179.5 ODM036: Polish Mil 1458 USB/ALE to WIE028 (12OCT04) (ZE)
05179.5 ODM036: Polish Mil 1533 ALE/USB to UWZ123 (12Oct04) (ZE)
05179.5 ODM036: Polish Mil 1533 USB/ALE to UWZ123 (12OCT04) (ZE)
05179.5 OLI021: Polish Mil 1334 ALE/USB to ZAT025 (12Oct04) (ZE)
05179.5 OLI021: Polish Mil 1334 USB/ALE to ZAT025 (12OCT04) (ZE)
05179.5 PIR023: Polish Mil 1521 ALE/USB to OLI021 (12Oct04) (ZE)
05179.5 PIR023: Polish Mil 1521 USB/ALE to OLI021 (12OCT04) (ZE)
05179.5 RAT038: Polish Mil 1357 ALE/USB to IKZ040 (12Oct04) (ZE)
05179.5 RAT038: Polish Mil 1357 USB/ALE to IKZ040 (12OCT04) (ZE)
05179.5 WIE028: Polish Mil 1345 ALE/USB to OLI021 (12Oct04) (ZE)
05179.5 WIE028: Polish Mil 1345 USB/ALE to OLI021 (12OCT04) (ZE)
05180 DELTA: UNID 1227 ALE/USB to BRAVO (12Oct04) (ZE)
05180.0 DELTA: UNID 1227 USB/ALE to BRAVO (12OCT04) (ZE)
05184.0 FUCZ: unid I/TRU? 1703 USB ALE clg CZBD [AMD]DIAL4
(10/SEP/04) (KK)
05188.5 LOL: Arg Ny 1110 RTTY 75/170 Internal messages about banking
operations, then 5LG (10/09/04) (AJP)
05195 DRA5: DARC Propagation Beacon 0611 COMPOSITE RST 346.
(15Oct04) (WC)
05195 DRA5: DARC Propagation Beacon COMPOSITE 0601 CW 457.
(10Oct04) (WC)
05195.0 DRA5: Kiel, D, 1918, RTTY/PSK-31/CW, propagation beacon,
16/8/2004 (CK)
05233 RJS: HQ Russian Far East Fleet Vladivostok 1745 CW Received
a number of msgs from RGZ57. (08Oct04) (AB2)
05270.5 DELTA03RS1006: Uzbek Military 2022 ALE/USB wkg
KAMAR21RS1006. (05Oct04) (RGA)
05293 FDI22: FAF Narbonne 2040 RTTY/50/80 VVV VVV VVV de FDI22
ARR. Unusually narrow shift. (01Oct04) (RGA)
05300.3 CAN6D: Centro Met. Antártico 0335 RTTY 50/200 Base Pte. Frei
M. - wx(10/12/03)
05300.3 CAN6D: Centro Met. Antártico 0335 RTTY 50/200 Chilean Base
Pte. Frei Montalva - wx (29/09/04) (AJP)
05305 MDN: Algerian MOI 2210 ALE/USB Calls YA54. (01Oct04) (RGA)
05315 CT09: Unid 2206 ALE/USB Calls CT04. CT06 CT07 CT03AL and
CT06AL also noted. (30Sep04) (RGA)
05320 NMN: Camslant 2130 USB Calls USCG Cutter Beluga with
information about an illegal immigrant. USB 2130
(31Sep04) (CC)
05320 NMN: Camslant 2252 USB Calls USCG Cutter Beluga to come up
on 3E11 if they can. (30Sep04) (CC)
05335.0 RT3: Unid Argentine Net 1140 USB SS Also RT20, RT11, RT9,
RT24, RT28, RT22, RT5. Military exercises messages .
Possible Argentine Army. (07/09/04) (AJP)
05343 RIT: Baltic Fleet HQ Severomorsk 2007 CW RMXV de RIT QYT4
QSX 4903.5 QWH 10308 QWH 5416 OK? K. R K. (12Oct04) (RGA)
05347.5 90AA: Unid clg [813A] ALE 1701 19-09-04 [SW]
05347.5 90AB: Unid clg [824A] ALE 1710 19-09-04 [SW]

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05347.5 90K1: Unid clg [813A] ALE 1704 19-09-04 [SW]
 05347.5 90K1: Unid clg [PNET] ALE 1701 19-09-04 [SW]
 05347.5 424B: Prob Netherlands Military 2136 ALE/USB Calls 90AB.
 (08Oct04) (RGA)
 05355.0 MALI: Albanian MIL/MOI Mali 2050 USB ALE/MIL-188-141A clg
 SHQIPONJA (01/SEP/04) (KK)
 05368.7 LTK: Argentine Army 1125 CW clg LTK2 (26/08/04) (AJP)
 05370 S4S0000GBMRM1: Unid 2144 ALE/USB Calls V1S0000EKCOPER. Also
 active on 4530 kHz. (23Sep04) (RGA)
 05379 111: Unid Spanish Guardia Civil 2133 ALE/USB Calls TWLC/JECOR
 510 Comandancia Guardia Civil Cantabria. (08Oct04) (RGA)
 05379.0 111: Guardia Civil UNID E 1758 USB/ALE TO TWLC
 25-Aug-04 (MO)
 05379.0 BORA: Albanian MIL/MOI ALB 2134 USB/ALE TO DRINI
 24-Aug-04 (MO)
 05379.0 DIAMANTI: Albanian MIL/MOI ALB 0353 USB/ALE TO DRINI
 26-Aug-04 (MO)
 05379.0 DRINI: Albanian MIL/MOI ALB 2218 USB/ALE TO BOR
 24-Aug-04 (MO)
 05379.0 TWLC: Guardia Civil Santander E 1758 USB/ALE TO 111
 25-Aug-04 (MO)
 05380 S4S0000GBMRM1: Unid 2226 ALE/USB Calls V1S0000EKCOPER.
 (30Sep04) (RGA)
 05381 4YWZ: CIS Military 2043 CW Enciphered Morse setup 4YWZ ZDS
 GNG hZZT. LVKVKMMLLV MLVLKKKLRMLMMLL. Then cipher AJGT
 LCSCWASEY... (01Oct04) (RGA)
 05400 LDR1: US ARMY Corps of Engineers 0118 USB/ALE.
 (05Oct04) (CC)
 05400 LRN: Mexican Army 0245 ALE/USB TO JADE: Mexican ARMY.
 (05Oct04) (CC)
 05400 MVD1: US ARMY Corps of Engineers 0114 ALE/USB.
 (05Oct04) (CC)
 05408.0 No Call: Numberstation 2203 USB fem. ger. voice 531 000
 (18/SEP/04) (KK)
 05410 INAS30P: Sonatrach Gas & Oil In Amenas 1954 LSB/ALE snd
 (15Oct04) (ZE)
 05410 MEDER30P: Sonatrach Gas& Oil Medera 1958 LSB/ALE snd
 (15Oct04) (ZE)
 05410 OHT30P: Sonatrach Gas & Oil Ohanet 1952 LSB/ALE snd
 (15Oct04)(ZE)
 05410 RNOUSLR1: Sonatrach Net Rhourde Nouss LR1 Pipeline ALG 2209
 ALE/LSB Sounding. (30Sep04) (RGA)
 05410.0 INAS30P: Sonatrach Gas & Oil In Amenas 1954 LSB/ALE snd
 (15OCT) (ZE)
 05410.0 MEDER30P: Sonatrach Gas& Oil Medera 1958 LSB/ALE snd
 (15OCT04) (ZE)
 05410.0 OHT30P: Sonatrach Gas & Oil Ohanet 1952 LSB/ALE snd
 (15OCT04)(ZE)
 05422.5 Coast Guard Auxiliary Radio, Media: (sounds like) (Net
 Control): 0041 24/08 RP3
 05434.0 STINY: & SYRNY, New York National Guard: 1306 USB ALE
 (08/SEP/04) (JLM)
 05436.0 T2Z238: & R23454, US Army: 2002 USB ALE (08/SEP/04) (JLM)
 05444 RAL59: Russian warship 1720 CW wkg RIT/HQ Baltic Fleet
 Severomorsk simplex in enciphered Morse.
 VKVLVLMVMMLLMVVMMLLKKKVK usual setup then cipher: äIÖKür
 ... Requested by RIT on 11155. (07Oct04) (RGA)
 05450.0 RAF VOLMET: RAF Brampton, G, 1932, USB, 16/8/2004 (CK)
 05466 R: MX Beacon Ustinov 0024 CW (30 Aug 04) (WC)
 05466 R: MX Beacon Ustinov 0105 CW Slow tx. (02Oct04) (WC)
 05468 : CIS Military 2050 37-50/50/200 At least 2 messages. Much
 BEE activity in this band. Prob RUSMIL exercise.
 (01Oct04) (RGA)
 05475 T2Z238: 2-238 AVN US Army Tuzla BIH 2028 ALE/USB Sounding.
 (05Oct04) (RGA)
 05475.0 T2Z238: 2-238th AVN Tuzla BIH 1442 USB ALE snd
 (11/SEP/04) (KK)
 05476 0000210401: Prob Greek Military 2231 ALE/USB Sounding.

(30Sep04) (RGA)
05500 391: Georgian Border Guard 2031 ALE/USB Calls 410.
(04Oct04) (RGA)
05500 409: Georgian Border Guard 2104 ALE/USB wkg 391.
(05Oct04) (RGA)
05500 AA1: Israeli AF 2001 ALE/USB to ACCES1 (14Oct04) (ZE)
05500.0 AA1: Israeli AF 2001 USB/ALE to ACCES1 (14OCT04) (ZE)
05500.0 fishermen: 0518 USB span Sep05 04 ML
05500.0 PIJAO: Colombian Navy PIJAO-class submarine Pijao SS-28 CLM
2326 LSB/ALE TO CARIBE 20Aug04 (MO)
05544 A7-AFL: Qatar Airways A330-200 1937 HF DL Signs on. Ex
F-WWKZ. (01Oct04) (RGA)
05544 SU0231: Aeroflot Flt 1917 HF DL Posn report 5607N 01736E to
ARINC Muharraq. (01Oct04) (RGA)
05544 VS0201: Virgin Atlantic Flt 1945 HF DL Posn report 5018N
10630E to ARINC Bahrain. (01Oct04) (RGA)
05598 120: Unid 2055 ALE/USB Sounding. (04Oct04) (RGA)
05598 140: Unid 1814 ALE/USB Calls 140060. (01Oct04) (RGA)
05598.0 LUXOR 099P: 0545 Portuguese a/c position report with Sta
Maria USB 01/09 (PP1)
05598.0 nat atc / sta maria: 0451 USB work aeromexico flight to
paris cdg/without number Aug28 04 ML
05598.0 nat atc / sta maria: 0458 USB work FMEK c-130 130315 cfc /
canf Aug28 04 ML
05598.0 nat atc / sta maria: 0501 USB work CMRS d-abuh b767 cfg /
condor Aug28 04 ML
05598.0 Unid: MWARA NAT-A 0034 USB EE Santa Maria Air Control.
Several aircraft. w/selcall (31/08/04) (AJP)
05602.0 fishermen: 0658 USB french d/x about whiting Sep04 04 ML
05616.0 ---: Gander R. 0252 USB EE MWARA NAT-B. Air traffic control
and selcal (18/09/04) (AJP)
05616.0 Gander R: 0252 USB EE MWARA NAT-B. Air traffic control and
selcal (18/09/04) (AJP)
05616.0 MWARA Gander: Rdo 0703z USB wkg REACH 971, position 59
North, 50 west, Selcal _LDJ. (24/Aug/2004) (ALS)
05616.0 MWARA Gander: Rdo 0730z USB wkg REACH 118, selcal check.
(24/Aug/2004) (ALS)
05616.0 MWARA Gander: Rdo 0757z USB wkg REACH 9166, selcal HQDG.
(24/Aug/2004) (ALS)
05616.0 MWARA Gander: Rdo 0817z USB wkg REACH 5102, selcal check.
(24/Aug/2004) (ALS)
05616.0 MWARA NAT-B (Gander Rdo): 0127z USB, wkg BLUE 72; pos rep at
53 North, 50 West; selcal check; QSY to 2899.
(11/Oct/2004) (ALS)
05616.0 MWARA NAT-B (Gander Rdo): 0136z USB, wkg SODA 51; selcal
JBBD. (11/Oct/2004) (ALS)
05616.0 MWARA NAT-B (Gander Rdo): 0612z USB, wkg REACH 977; pos rep
at 47 North, 40 west; FL 340; handoff to Gander's 122.375.
(11/Oct/2004) (ALS)
05616.0 MWARA-Gander: 0442z USB wkg N411QS, Pos rep 54 North, 40
West, Handoff to 2971. (19/Sep/2004) (ALS)
05649.0 ---: Gander R 0213 USB EE MWARA NAT-C A/C position and
selcall (24/09/04) (AJP)
05649.0 Gander R: 0213 USB EE MWARA NAT-C A/C position and selcall
(24/09/04) (AJP)
05649.0 MWARA NAT-C (Gander Rdo): 2310z USB wkg KLM 754: position
report. (11/Oct/2004) (ALS)
05680.0 mar safety chan: 1948 USB ee Sep08 04 ML
05680.0 SIERRA 0122: wkg Kinloss, rdo chk 0800 J3E 17-aug-04(SE)
05680.0 SIERRA 0128: (Sierra Romeo Gulf 128) wkg Kinlooss, enroute
Humberside A/p from RAF Leconfield 0819 J3E 17-aug-04(SE)
05687.0 GAF211: Ger. Aircraft 0912 USB wkg DHM91 GAF Muenster
(16/SEP/04) (KK)
05687.0 GAF368N: unid Ger. Airforce 1244 USB wkg DHM91 GAF
Muenster, D (24/SEP/04) (KK)
05696 AIR FORCE RESCUE 223: Unid 0209 USB wkg another Air Force
Rescue callsign passing time of 0310z. (07Oct04) (RB)
05696 CAMSLANT: USCG Chesapeake 0127 USB wkg V2D re checking a

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merchant ship at 25-23N, 82-16W & get any info on it for
USCGC Kodiak Island. (19Sep04) (RB)

05696 CAMSPAC: Point Reyes 0205 USB USB Communications Area Master
Station Pacific, wkg CG 1719 (HC130) for radio guard,
enroute homeplate CGAS Barbers Point. (07Oct04) (RB)

05696 CAMSPAC: Point Reyes 0211 USB wkg AF Rescue 223 passing
location 37-42N 128-35.8W, will be working vessel on 2182.0
for updated patient condition. (07Oct04) (RB)

05696 CG 1708: HC-130 0335 USB wkg CommSta Kodiak for flight ops.
(07Oct04) (RB)

05696 NOJ: USCG CommSta Kodiak, Alaska 0326 USB wkg CG 6029
(HH-60) airborne from Kodiak for a local trainer for radio
guard. (07Oct04) (RB)

05696 NRCB: USCGC Eagle (WIX-327) 0126 USB wkg CAMSLANT re att to
contact SCN broadcast operator. Unable to connect INMARSAT.
(14Sep04) (RB)

05696 RESCUE 6042: (USCG HH60) 0042 USB wkg CAMSLANT for radio
guard, airborne enrt area off Newport News, VA for a sailing
vessel in distress. 6042 later advised they would be doing
"a hoist". (19Sep04) (RB)

05696 SECTOR 88: NIMROD Aircraft? 0356 USB calls USCG Camslant
Chesapeake, VA for relay to SMASHER (US Southaf flight
monitoring, Key West) that flight ops are normal and
position 1232N 07437W at 0355z. (13Oct04) (CC)

05696.0 raf: 2012 USB "ku ...ops working juliet 1 sierra ..." any
idea in the wuntowers ? Sep08 04 ML

05696.0 USCG CAMSLANT-Chesapeake: 2356z USB wkg CG 2117 Falcon Jet
(Miami CGAS), position 25-26 North, 80-22 West (in FL Keys).
(11/Oct/2004) (ALS)

05700.0 BB2: Israeli Airforce 0438 USB ALE/MIL-188-141A c1g BA3
(04/SEP/04) (KK)

05702 HAWSPR: USAF SIPRNet Stn Ascension Is 2219 ALE/USB Sounding.
(01Oct04) (RGA)

05702.0 raf architect: 0659 USB airfields wx forecast Sep19 04 ML

05702.0 raf: 2022 USB airfields wx Sep08 04 ML

05708 460038: USAF KC-10 0545 ALE/USB Sounding. (22Sep04) (CC)

05708 ADW: Andrews AFB MD 2136 ALE/USB TO 170045: USAF C-5B
(436th AW). (04Oct04) (CC)

05708 ICZ: US NAS Sigonella ITA 2105 ALE/USB calls IKF/NAS
Keflavik ICE. (23Sep04) (RGA)

05708 JDG: US NAS Diego Garcia BIOT 2046 ALE/USB Sounding.
(05Oct04) (RGA)

05708.0 580128: 1835 USAF KC135 58-0128 6th AMW calling
Elmendorf Ak USB/ALE 20/09 (PP1)

05708.0 AF7: (C-20 #86-0403, 99th AS Andrews): 1715 USB/ALE
sounding. 23/09 RP3

05708.0 E30352: (E-3B AWACS # 77-0352, Tinker AFB): 1809 USB/ALE TO
ADW (Andrews AFB). Also noted w/Andrews on 09025.0.
22/09 RP3

05708.0 ICZ: US NAS SIGONELLA 1920 MIL.STD 188-141A ALE on usb.
(16/Oct)(DW)

05708.0 IKF: / JNR / ADW 0506 ALE snd Aug28 04 ML

05708.0 R26661: (probable AH-64 helo, 130th Avn NC NG): 2220
USB/ALE TO R26277 (probable AH-64 helo, 130th Avn NC NG).
22/09 RP3

05708.0 R26661: (probable AH-64, 130th Avn NC NG): 2239 USB/ALE TO
R26660 (probable AH-64, 130th Avn NC NG). 22/09 RP3

05711 AIR FORCE RESCUE 223: wkg Moffett Rescue 0512 USB also 120
"the Jolly" inbound Moffett. (07Oct04) (MC)

05711 KING 22: (USAF C-130) 0349 USB Calling ANGEL OPS (Moody AFB)
with no reply. (06Oct04) (CC)

05711 KING 22: (USAF C-130) 0405 USB calls RESCUE ?? to tell him
ETA 30 mins to his position. (06Oct04) (CC)

05714.0 8SG: -helicopter superfrelon - FCG 1811 USB french work UI
brest ?hq about an oil slick pollution from a ship called
"atlantic charm" /position & digital picture taken
Sep16 04 ML

05717 Halifax Military: CAF Halifax NS CAN 0114 USB wkg RESCUE

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328 after selcal re RCC wants them to extend northern search area to 44-04N. 328 was up again at 1300z and heard again at 2300z. SAR poss related to missing fisherman 40 kilometers south of Lunenburg, NS. (21Sep04) (RB)

05717 Halifax Military: CAF Halifax NS CAN 0112 USB c1g/wkg "warship Kingston", HMCS Kingston (MM-700), lead ship of the Kingston-class Maritime Coastal Defense Vessels (MCDV) . Into green (secure) comms. (10Oct04) (RB)

05717 P5X: Unid NATO 0130 USB c1g "MSL" no joy. (29Sep04) (RB)

05717 RESCUE 328: (CC-130H, 14th wing, CFB Greenwood) 0345 USB wkg Halifax Military w/pp RCC (Rescue Coordination enter), confirms 3 yellow (injured) 1 black (DOA) 1 grey (missing). Conditions unsuitable to continue search at this time. Unid SAR. (20Sep04) (RB)

05717 RESCUE 328: 0114 USB RESCUE 110 (CP140 Aurora) was to be airborne by now, but just passed message they are delayed 2 hours. (22Sep04) (RB)

05717 TUSKER 328: (CC-130H, 14th wing, CFB Greenwood) 0358 USB wkg Halifax Military w/pp Greenwood Wing Ops. ETA 0545z, require 23 flares & minor write ups. (20Sep04) (RB)

05717.0 Halifax Military: 0352 USB w/Canforce Rescue 328 (CC-130) in pp=20w/Rescue Coordination Center (RCC) reporting sighting of yellow light. RCC advises=that aircraft 910 has just departed and will contact 328 soon. 21/09 RP3

05732.0 Camslant Chesapeake: 0050 w/CG 1705 (HHC-130, CGAS Clearwater) who reports on final for Clearwater and securing radio guard. Initial contact was via ALE. 15/09 RP3

05736 302: Unid Numbers Stn 2035 CW Repeating 302 then 374 374 374 36 36 = = 39181 39181 78856 78856 ... (14Oct04) (RGA)

05747.0 KLAUSUR: Austrian Mil 1907 USB ALE/MIL-188-141A c1g NEBEL (01/SEP/04) (KK)

05747.0 NEBEL: Austrian Mil 1907 USB ALE/MIL-188-141A c1g NETZ1 (01/SEP/04) (KK)

05747.0 STUDENT: Austrian Mil 1907 USB ALE/MIL-188-141A c1g NEBEL (01/SEP/04) (KK)

05747.0 TABOR: Austrian Mil 1907 USB ALE/MIL-188-141A c1g NEBEL (01/SEP/04) (KK)

05755 VMW: Wiluna Met 1644 FAX/120/576 Sfc Anal, fair chart. (30/Sep/04) (RH2)

05764 : Russian Military 2053 MS-5/1440/DPSK/USB In and out of cipher. Then offair or QSY at 2054. (30Aug04) (RGA)

05778.5 KRUQNG: (North Carolina ARNG, Rowan County Airport, Salisbury, NC): 1445 USB/ALE sounding. 28/08 RP3

05778.5 KRUQNG: North Carolina ARNG at Rowan County Airport, Salisbury, NC: 1637 USB ALE. Also on 6911.5 USB ALE at 1737 (27/AUG/04) (JLM)

05778.5 KYAASF: Kentucky Army Aviation Support Facility 0531 USB ALE/MIL-188-141A snd (11/SEP/04) (KK)

05780.0 MONTECANO: VENEZUELAN MIL MONTECANO 0005 MIL.STD 188-141A ALE on usb. C1ng CDDA (21/Sep)(DW)

05781.0 PNR400: US DEA BAHAMAS 2353 MIL.STD 188-141A ALE on usb. Sounding. Also 0224 0254 0525 (20/Sep)(DW)

05789 KUPERJANOVIY: Estonian Independent Inf Bn Kuperjanov 2016 ALE/USB Calls YSP/Independent Signals Bn. (04Oct04) (RGA)

05789 PARNUYJP: Estonian Independent Inf Bn Pärnu 2056 ALE/USB Calls KUPERJANOVIYJP/Independent Inf Bn Kuperjanov. (04Oct04) (RGA)

05789.0 KE: ESTONIAN ARMY ? 0413 MIL.STD 188-141A ALE on usb. C1ng YSP (21/Sep)(DW)

05789.0 KUPERJANOVIYJP: ESTONIAN ARMY KUPERJANOV 0145 MIL.STD 188-141A ALE on usb. C1ng YSP. Also 0253, 0316 (21/Sep)(DW)

05789.0 PARNUYJP: ESTONIAN ARMY PARNU 0026 MIL.STD 188-141A ALE on usb. C1ng YSP. C1ng KUPERJANOVIYJP at 0314 0429 (21/Sep)(DW)

05789.0 PARNUYJP: ESTONIAN ARMY PARNU 2148 MIL.STD 188-141A ALE on usb. C1ng KUPERJANOVIYJP. Also 2158 (20/Sep)(DW)

05790 USS INCHON: USN Amphibious Assault Ship 0055 USB wkg HORNET with radio checks in the clear and in ANDVT USB 0055 (03Oct04) (CC)

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05792.0 CONACRY: French Embassy Conakry 0527 USB ALE c1g RABAT
French Embassy Rabat (11/SEP/04) (KK)
05792.0 RABAT: French Emb. Rabat 0435 USB ALE c1g CER11 MfA Paris, F
(11/SEP/04) (KK)
05798.6 unid: Ny Mars 0428 P-I/Ham 100Bd <Calling:NNOMRB>
(13/SEP/04) (KK)
05800 PARNUYJP: Estonian Indep Inf Bn Pärnu 1814 ALE/USB Calls
KUPERJANOVIYJP/Estonian Indep Inf Bn Kuperjanov.
(01Oct04) (RGA)
05800.0 AA2: ISRAELI AF BEN GURION 0104 MIL.STD 188-141A ALE on usb.
C1ng ACCES2 (22/Sep)(DW)
05800.0 KUPERJANOVIYJP:ESTONIAN ARMY KUPERJANOV 2158 MIL.STD
188-141A ALE on usb. C1ng PARNUYJP. 2257 c1ng YSP
(21/Sep)(DW)
05800.0 PARNUYJP: ESTONIAN ARMY PARNU 0306 MIL.STD 188-141A ALE on
usb. C1ng KUPERJANOVIYJP (22/Sep)(DW)
05800.0 PARNUYJP: ESTONIAN ARMY PARNU 1452 MIL.STD 188-141A ALE on
usb. C1ng KUPERJANOVIYJP/ Aslo 1510 1634 1758. At 1800 c1ng
YSP (21/Sep)(DW)
05800.0 UOE1PRUEBA: Spanish Special Ops (Unidad de Operaciones
Especiales) 1852 USB ALE/MIL-188-141A c1g UOE2PRUEBA
(10/SEP/04) (KK)
05803.9 1214: Egyptian Border Guard 2221 ALE/USB Sounding.
(01Oct04) (RGA)
05813.0 AAA: ISRAELI AF TEL AVIV 0100 MIL.STD 188-141A ALE on usb.
Sounding (22/Sep)(DW)
05813.0 AAA: ISRAELI AF? 2108 MIL.STD 188-141A ALE on usb. Sounding.
Also 2247 (21/Sep)(DW)
05813.0 DD1: ISRAELI AF ?LOC 2005 MIL.STD 188-141A ALE on usb.
Sounding. (21/Sep)(DW)
05822.0 FDG: FAF BORDEAUX 1226 CW Marker "vvv de FDG ar"
(16/Oct)(DW)
05847.0 GA04CSTNGB: 4th WMD-CST, Dobbins ARB, GA: 1618 USB
ALE.(25/AUG/04) (JLM)
05847.0 HQ703N: (Nat'l Guard HQs, Arlington VA): 1221 USB/ALE TO
D030EN (Nat'l Guard, Delaware). 13/09 RP3
05847.0 K040YN: National Guard, Frankfort, KY & HQ703N, National
Guard HQ station: 1425 USB ALEcontact, then data exchange
(20/SEP/04) (JLM)
05850.0 PLZ131: US MIL? 0506 MIL.STD 188-141A ALE on usb. Sounding
(24/Sep)(DW)
05850.0 TN2: UNID 1716 MIL.STD 188-141A ALE on usb. C1ng mMT2
(23/Sep)(DW)
05850.0 TN2: UNID 2315 MIL.STD 188-141A ALE on usb. C1ng RO2
(27/Sep)(DW)
05860.0 DEFAULT: US FAA ?LOC 0315 MIL.STD 188-141A ALE on usb.
Sounding. Also 0358, 0559 (24/Sep)(DW)
05860.0 FAAZFW: US FAA FORT WORTH 0258 MIL.STD 188-141A ALE on usb.
Sounding (24/Sep)(DW)
05862.6 USN/USMC MARS stations: 1338 PACTOR (21/SEP/04) (JLM)
05865.0 111: GUARDIA CIVIL ?LOC 0807 MIL.STD 188-141A ALE on usb.
C1ng TYME (23/Sep)(DW)
05865.0 TYMR2: UNID 0339 MIL.STD 188-141A ALE on usb. C1ng TYMB2.
Also 0346 (24/Sep)(DW)
05871 TZSH: Spanish Guardia Civil Huelva 2101 ALE/USB Calls
TXXX/Guarda Civil Madrid via valdemoro or Navarra.
(04Oct04) (RGA)
05871.0 QZS: UNID 17:55 USB/ALE TO TZS TXX Sep-06-2004 (MO)
05871.0 TXXX: Guardia Civil Madrid E 0622 USB/ALE TO TZSH
25-Aug-04 (MO)
05871.0 TXXX: GUARDIA CIVIL VALDEMORO 0723 MIL.STD 188-141A ALE on
usb. c1ng TZSS. 0827 c1ng TZSM. 0853 c1ng TZSH. 0856 c1ng
TZSE. 0859 c1ng TZSO. 0929 c1ng TZSS (23/Sep)(DW)
05871.0 TXXX: GUARDIA CIVIL VALDERMORO 0655 MIL.STD 188-141A ALE on
usb. Responds to TZSH (24/Sep)(DW)
05871.0 TZSH: GUARDIA CIVIL HUELVA 0655 MIL.STD 188-141A ALE on usb.
C1ng TXXX (24/Sep)(DW)
05871.0 TZSH: GUARDIA CIVIL HUELVA 0853 MIL.STD 188-141A ALE on usb.

Responds to TXXX (23/Sep)(DW)
 05871.0 TZSM: GUARDIA CIVIL MALAGA 0827 MIL.STD 188-141A ALE on usb.
 Responds to TXXX (23/Sep)(DW)
 05871.0 TZSO: GUARDIA CIVIL CORDOBA 0900 MIL.STD 188-141A ALE on
 usb. Responds to TXXX (23/Sep)(DW)
 05892.0 CGGN: VENEZUELAN NG HQ 0105 MIL.STD 188-141A ALE on usb.
 C1ng CUFAN1. 0511 c1ng MIRA1 (25/Sep)(DW)
 05892.0 DESTAFAC23: VENEZUELAN NG 0305 MIL.STD 188-141A ALE on usb.
 C1ng CUFAN3 (25/Sep)(DW)
 05895.0 ANTARNET01: UNID 2106 MIL.STD 188-141A ALE on usb. C1ng
 ASSADNET01 (24/Sep)(DW)
 06215 CH606: Fishing Vessel 0139 USB Talking about one of the
 captains cheating on his wife and the IRS is waiting on him
 to discuss how he got his boat. (10Oct04) (CC)
 06218.0 JPQ: LITHUANIAN NAVY KLAIPEDA 0051 MIL.STD 188-141A ALE on
 usb. C1ng FRA. Also at 0112 0130 0133 0151 [AMD GRP] [CMD
 AMD grpfrafra...] 0207 0214 0223 0306 (08/Oct)(DW)
 06218.0 JPQ: LITHUANIAN NAVY KLAIPEDA 0413 MIL.STD 188-141A ALE on
 usb. C1ng M1k. Also 0448 0457 0459. C1ng FRA 0502 0509,
 responds to FRA 0515 (09/Oct)(DW)
 06218.0 JPQ: LITHUANIAN NAVY KLAIPEDA 2056 MIL.STD 188-141A ALE on
 usb. C1ng FRA (07/Oct)(DW)
 06218.0 M1k: LITHUANIAN VESSEL 0438 MIL.STD 188-141A ALE on usb.
 C1ng JPQ. Also 0442. (09/Oct)(DW)
 06234 CGD9: USCG District 9, Cleveland Ohio 2341 ALE/USB
 TO:NHHF/USCG Hollyhock (WLB-214). (14Oct04) (CC)
 06240 RJS: HQ Far East Fleet Vladivostok 1815 CW wkg RMUE each
 h+15 for comms check and chatter. Also noted RCQD.
 (10Oct04) (AB2)
 06241.0 RJS: Russian Naval 1918 CW / calls stn: RMUE at 15min past
 each hour; (10/Oct/2004) (Attu Bosch)
 06911.5 T18: US Army ALE station 0250 ALE/USB / Not sure who T18 is
 (30/Sep/2004) (Brad Low (BL))
 06312 : Unid Liberian-Flagged Ship (636010135) 2226 GMDSS RQs
 LyngbyRadio/OXZ for safety check. (05Oct04) (RGA)
 06313 NMF: USCG Boston MA USA 0221 NAVTEX North Atlantic
 HYDROLANTS. (01Oct04) (CC)
 06358 PBC: DN Goeree I 2159 RTTY/75/850 Carbs. (23/Sep/04) (RH2)
 06370.9 GYU: RN Gibraltar 0313 RTTY 75/200 CARBS (02/09/04) (AJP)
 06370.9 GYU: RN Gibraltar GIB 06:32 ITA2/75/200 06a 08a gyu
 5/sept04 (PPA)
 06418 VTP5: IN Vishakhapatnam 1539 CW Vs marker. (06Oct04) (RGA)
 06449 PWX: BN Rio 2150 RTTY/75/850 wx/EE. (23/Sep/04) (RH2)
 06457.7 Unid: ss Navrad 2213 RTTY/100/850 Crypto. (24/Sep/04) (RH2)
 06465 UIW: KaliningradRadio 2055 CW Ends NAWIP bcst with NIL NIL
 de UIW SK. (01Oct04) (RGA)
 06470 UWS3: KievRadio UKR 1030 RTTY/50/170 Telegrams to Danube
 shipping. Also uses CW on this channel. (08Oct04) (RGA)
 06470 UWS3: KievRadio Ukraine 1420 CW Very fast Morse telegrams to
 Danube shipping. Found on MRHS Project scan. (07Oct04) (RGA)
 06470 UWS: KievRadio UKR 1949 CW Very fast tgms and news to Danube
 shipping. (06Oct04) (RGA)
 06476 RCC: Russian Navy Petropavlovsk 0138 CW wkg RJD22. Net
 chatter, messages. (10Oct04) (AB2)
 06476.0 RCC: Russian Naval 0138 CW / contacted: RJD22; net chatter; msgs;
 (10/Oct/2004) (Attu Bosch)
 06496.4 CFH: CanForce Halifax NS CAN 2010 FAX/120/576 Fair chart.
 STANAG-4285 QRM. 06604 NEW YORK RADIO: VOLMET Service 2005
 USB OM with 2005z forecast. // 13270. (16Oct04) (RGA)
 06496.4 CFH: CF HALIFAX 2010 FAX//120/576/N/800 Noisy pix. STANAG
 4285 giving qrm to black tone. (02/Oct)(DW)
 06496.4 CFH: CF Halifax NS CAN 2301 FAX/120/576 Gulf of St.Lawrence
 ice chart. (Real good copy). //10536 4271. (01Oct04) (CC)
 06496.4 CFH: CF Halifax NS CAN USB 2301 FAX/120/576 Gulf of
 St.Lawrence ice chart. (Real good copy). //10536 4271.
 (01Oct04) (CC)
 06497.0 Halifax Military: 0031 RTTY 75bd/850hz w/wx. 29/08 RP3
 06501.0 NMN: uscg 0504 USB wx forecast Sep17 04 ML

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06510 AAA: Prob Israeli AF 2228 ALE/USB Sounding. (04Oct04) (RGA)
06529 : Unid ARINC Stn Canary Is? 2042 HF DL Irregular squitters.
Faulty system. Getting leadin high-pitched beep at 32-second
intervals where squitters should be with only the occasional
complete squitter. Not taking traffic. (14Oct04) (RGA)
06529 A7-ACE: Qatar Airways A330 2100 HF DL Attempts logon to prob
ARINC Canary Is. (14Oct04) (RGA)
06529 A7-ACH: Qatar Airways A330 Flt QR0346 2243 HF DL Signs on to
probable ARINC Las Palmas CNR. (13Oct04) (RGA)
06529 N69059: Continental B767 2240 HF DL Signs on. (13Oct04) (RGA)
06529 OH-LBT: Finnair B757 Flt AY1878 2226 HF DL At 5849N 02533E.
(13Oct04) (RGA)
06529 SA0261: South African Airways Flt 2114 HF DL Unknown aircraft
with ICAO ID OFOD00 (May be ZS-SNF) reports 3607N 01233E to
prob ARINC Canary Is. (14Oct04) (RGA)
06529 SU-GCE: Egypt Air A330 Flt MSR503 2225 HF DL At 2421N 03752E.
(13Oct04) (RGA)
06529 VP-BDN: Aeroflot A319 2222 HF DL Signs on. (13Oct04) (RGA)
06529 VP-BWD: Aeroflot A320 2209 HF DL Signs on to probable ARINC
Las Palmas CNR. (13Oct04) (RGA)
06532 Aeroflot SU0261 0709 HF DL/USB [HFNPDU PERFORMANCE]
07:09:20 UTC Flight ID = SU0261 LAT 54 6 13 N LON 27 30
40 E 16/Oct/2004 (TR)
06532 Aeroflot SU0316 0607 HF DL/USB [HFNPDU PERFORMANCE]
06:07:40 UTC Flight ID = SU0316 LAT 66 21 2 N LON 12 46
27 W 16/Oct/2004 (TR)
06532 AY2762: Finnair B757 2126 HF DL At 5131N 02205E.
(04Oct04) (RGA)
06532 CLX798: CargoLux B747 2116 HF DL Posn report 4929N 01405E.
(04Oct04) (RGA)
06532 Continental CO0054 0649 HF DL/USB [HFNPDU PERFORMANCE]
06:49:36 UTC Flight ID = CO0054 LAT 51 4 59 N
LON 27 21 27 W 16/oct/2004 (TR)
06532 Continental CO0064 0610 HF DL/USB [HFNPDU PERFORMANCE]
06:10:32 UTC Flight ID = CO0064 LAT 45 20 33 N LON 27
26 13 W 16/Oct/2004 (TR)
06532 F-GYAS: Air France Flt 2122 HF DL Signs on. (04Oct04) (RGA)
06532 Korean Air KE0511 0732 HF DL/USB [HFNPDU PERFORMANCE]
07:32:44 UTC Flight ID = KE0511 LAT 54 43 33 N LON 10
46 8 E 16/Oct/2004 (TR)
06532 Lufthansa LH8297 0608 HF DL/USB [HFNPDU PERFORMANCE]
06:08:24 UTC Flight ID = LH8297 LAT 45 33 21 N LON 16 56
31 E 16/Oct/2004 (TR)
06532 QR0044: Qatar Airways Flt 2033 HF DL Reports 5218N 00512E to
ARINC Shannon. (04Oct04) (RGA)
06532 SU0535: Aeroflot Flt 2038 HF DL Posn report 5430N 03828E to
ARINC Shannon. (07Oct04) (RGA)
06532 UP6803: UPS Flt 2127 HF DL At 5052N 00708E. (04Oct04) (RGA)
06532.0 Unid: ARINC-07 Shannon 0245 HF DL Squitters (28/08/04) (AJP)
06535.0 MWARA AFI-1 (Dakar Rdo): 0530z USB wkg unid acft.
(11/Oct/2004) (ALS)
06540.0 fishermen: 0633 USB french "fish & prawn..." Sep12 04 ML
06577.0 MWARA CAR-A (NY Rdo): 2314z USB, wkg AMERICAN 789; reports
FL310. (11/Oct/2004) (ALS)
06577.0 MWARA CAR-A (NY Rdo): 2347z USB wkg AMERICAN 586: Estimates
CHAMP at 0039z. (11/Oct/2004) (ALS)
06586.0 atc car new york: 0641 USB "contact miami..." Sep12 04 ML
06586.0 MWARA-New York: 0446z USB wkg AL 2937, Routing deviation for
wx. (19/Sep/2004) (ALS)
06586.0 MWARA-New York: 0452z USB wkg BRS 2116, Pos rep, FL280.
(19/Sep/2004) (ALS)
06586.0 MWARA-New York: 0456z USB wkg CONTINENTAL 5031, Pos and fuel
rep. (19/Sep/2004) (ALS)
06604 NEW YORK RADIO: VOLMET 2039 USB OM with US airfields fcsts.
//13270 10051. (08Oct04) (RGA)
06604.0 VOLMET (Gander Rdo): 0125z USB, reciting wx at winnipeg,
Edmonton, etc. (11/Oct/2004) (ALS)
06604.0 VolMet-Gander: 0457z USB Aero wx report. (19/Sep/2004) (ALS)

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06628.0 MWARA-Santa Maria (Azores): 0830z USB wkg REACH 1004 (USAF AMC Acft) with routing to LPLA (Lajes, Azores). (19/Sep/2004) (ALS)

06637.0 LDOC: 0506z USB Acft comms with base, Spanish. (19/Sep/2004) (ALS)

06640.0 ARINC LDOC (NY Rdo): 0105z USB, wkg unid acft, Selcal JRBD; QSYS to 3494. (11/Oct/2004) (ALS)

06654.5 BCT: unid 0245 USB ALE/MIL-188-141A clg HQ4 (16/SEP/04) (KK)

06654.5 BCT: unid 0301 USB ALE HQ4 clg (14/SEP/04) (KK)

06654.5 BCT: unid 0357 USB ALE/MIL-188-141A clg B21 (16/SEP/04) (KK)

06654.5 HQ4: unid 0413 USB ALE/MIL-188-141A clg HQ3 (16/SEP/04) (KK)

06654.5 HQ4: unid 0433 USB ALE/MIL-188-141A clg BCT [AMD]... (16/SEP/04) (KK)

06654.5 HQ4I14: unid 1634 USB ALE clg PAROT (13/SEP/04) (KK)

06655.5 fishermen: 2002 USB portug with engine noise ...Aug23 04ML

06679.0 Auckland Vol: 1153 USB EE wx report (03/09/04) (AJP)

06679.0 Honolulu Vol: 1155 USB EE Pacific WX report (03/09/04) (AJP)

06679.0 Tokyo Vol: 1210 USB EE wx Report (03/09/04) (AJP)

06694 RESCUE 311: Clg Halifax Military 0114 USB Re msg for RCC Halifax. Completed track overhead reported position and have fishing vessel with extremely bright spotlight. (08Oct04) (RB)

06694 RESCUE 328: Clg Halifax Military 0145 USB Also on 5717. No joy. (03Oct04) (RB)

06697 RAT TRAP With EAM USB 0537 (13Oct04) (CC)

06697 S3Y: Prob RAF Nimrod Aircraft 0325 USB wkg MKL/2 Group MATELO NCS for a radio check and tells him (S3Y) message then goes into Encrypted RTTY. Then passes messages using Phonetic Alphabet (NATO STYLE) Then back to RTTY. Other players 6ER, 3KN. (27Sep04) (CC)

06697.0 Argentine AF: 0418 USB SS flight FA0751 from Rio Gallegos to Marambio. In summer also Antarctic Base Matienzo (13/12/03)

06709 SA5: Prob Brazillian Air Force 2225 ALE/USB Sounding. (04Oct04) (RGA)

06712 A7-ACB: Qatar Airways A330 2052 HF DL Signs on. (12Oct04) (RGA)

06712 ARINC-03: Reykjavik ICE 1944 HF DL Uplink msg from JNBCMSA (Johannesburg Ops) to SAA B737 ZS-SJN Flt SA0191 Nr 21772. Garbled. CRC Error. (04Oct04) (RGA)

06712 CN-RNX: Royal Air Maroc A321 2001 HF DL Signs on. (04Oct04) (RGA)

06712 CN-RNY: Royal Air Maroc A321 Flt AT0803 2029 HF DL Signs on to ARINC Reykjavik. (12Oct04) (RGA)

06712 D-ALCE: Lufthansa Cargo MD11F 2044 HF DL Signs on. (12Oct04) (RGA)

06712 D-ALCF: Lufthansa Cargo MD11F Flt LH8444 1949 HF DL Posn 5738N 01738W. (07Oct04) (RGA)

06712 D-ALCI: Lufthansa Cargo MD11F 2204 HF DL Signs on. (14Oct04) (RGA)

06712 D-ALCM: Lufthansa Cargo MD11F 2114 HF DL Signs on. (12Oct04) (RGA)

06712 G-VEIL: Virgin Atlantic A340 'Queen of the Skies' Flt VS0009 2156 HF DL Acks KJFK landing weather from 4716N 04801W. (14Oct04) (RGA)

06712 G-VOGE: Virgin Atlantic A340 'Cover Girl' Flt VS0651 2203 HF DL Acks msg from ops Hi Andy. Delay due staff shortages down in Swanwick. 3 minute separation. Regards, Tim. (19Sep04) (RGA)

06712 LDI900: Lauda Air Italy Flt 2033 HF DL Reports 4540N 00844E. (04Oct04) (RGA)

06712 LH8444: Lufthansa Cargo MD11F 1924 HF DL Posn 5830N 02355W. (07Oct04) (RGA)

06712 LH8640: Lufthansa Cargo MD11F 1920 HF DL Signs on to ARINC Reykjavik from 4555N 01001E. (07Oct04) (RGA)

06712 OH-LBO: Finnair B757 2051 HF DL Signs on. (12Oct04) (RGA)

06712 OH-LBR: Finnair B757 2121 HF DL Signs on. (12Oct04) (RGA)

06712 OH-LBS: Finnair B757 Flt AY1006 1943 HF DL Signs on. (07Oct04) (RGA)

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06712 UP6741: UPS Flt 1921 HF DL Posn 5250N 00119W. (07Oct04) (RGA)
06712 VP-BDM: Aeroflot A319 Flt SU0341 2141 HF DL Signs on to ARINC Reykjavik. (15Oct04) (RGA)
06712 VP-BDO: Aeroflot A319 2113 HF DL Signs on to ARINC Reykjavik. (12Oct04) (RGA)
06712 VP-BWD: Aeroflot A320 Flt SU0124 2130 HF DL Signs on. ICAO ID 028002. (12Oct04) (RGA)
06712 VP-BWL: Aeroflot A319 2040 HF DL Signs on. (12Oct04) (RGA)
06712 VP-BWL: Aeroflot A319 Flt SU0124 2114 HF DL Signs on to ARINC Reykjavik. (14Oct04) (RGA)
06712 ZS-SND: S.African Airways A349 2200 HF DL Reports 0005S 02101E. (19Sep04) (RGA)
06712 ZS-SNE: S.African Airways A340 Flt SA0212 2145 HF DL Signs on. (15Oct04) (RGA)
06712 ZS-SNF: S.African Airways A340 Flt SA0261 2204 HF DL At 2929N 01348E. (14Oct04) (RGA)
06712 ZS-SXA: S.African Airways A340 2155 HF DL Logs on to ARINC Reykjavik. (19Sep04) (RGA)
06712.0 ARINC-03: Reykjavik 0250 HF DL Squitters (28/08/04) (AJP)
06712.0 UP307: / bphq , UPS6711 , AY277 , VS9 / egll kfjk , SU303,LH8403 1925 HF DL work reykjavik Sep06 04 ML
06715 JDGSPR: USAF SIPRNet Stn Diego Garcia BIOT 2113 ALE/USB Sounding. (05Oct04) (RGA)
06717.0 STANORD: Danish AF Station Nord GRL 2212 USB/ALE TO FOTAB 22Aug04 (MO)
06720.0 ---: Unid 0208 FSK ??/850 ?? low baud rate indeterminated bd (28/09/04) (AJP)
06720.0 Unid: 0208 FSK ??/850 ?? low baud rate indeterminated bd(28/09/04) (AJP)
06721 MPA: USAF Mount Pleasant FLK 2234 ALE/USB Sounding. (04Oct04) (RGA)
06721.0 CBA: 0615 unid USAF C/s ALE/USB call to Sigonella 02/09 (PP1)
06721.0 J14: (HH-60 # 6014, CGAS Clearwater): 2336 USB/ALE sounding. 22/09 RP3
06724.0 Unid: 0039 stanag4285 ? Very strong signal (05/10/04) (AJP)
06727.0 2CB: unid 1037 USB/Ratt wkg DHJ59 Ny wilhelmshaven, D (15/SEP/04) (KK)
06754 CHR: Trenton Military 0742 USB w/aviation weather. (02Oct04) (CC)
06754.0 CHR: vm 0712 USB ee om Sep04 04 ML
06754.0 Trenton Military: 0130 USB w/volmet. 05/09 RP3
06754.0 Trenton Military: 0135 USB w/volmet. 24/08 RP3
06754.0 TRENTON MILITARY: 0240z USB, Canforce VOLMET "Aviation Wx Report" for Shearwater, Greenwood CFBS, etc. (11/Oct/2004) (ALS)
06758.7 MKL: RN Northwood 2203 RTTY/75/850 1 min bursts. (24/Sep/04) (RH2)
06774.1 unid: AF Mars Station 0139 P-I/Ham 100Bd <Calling:AFA1WA> (14/SEP/04) (KK)
06774.1 unid: AF Mars Station 0140 P-I/Ham 100Bd <Calling:AFA1HV> (14/SEP/04) (KK)
06775.0 ANTARNET01: Unid, 1921, MIL-STD 188-141 (ALE), clg ASSADNET01 but no contact on this channel, 21-Sep-04 (CK)
06775.0 ANTARNET01: Unid, 1923, MIL-STD 188-141 (ALE), sounding, 21-Sep-04 (CK)
06777.2 Alfa-Kilo: Gny F-218 Mecklenburg-Vorpommern 2023 USB wkg "59er" Gny wilhelmshaven (26/AUG/04) (KK)
06777.2 Alfa-Tango DRAT: F-210 EMDEN 4. FG wilhelmshaven 0115 USB wkg Five-Niner: DHJ59 wilhelmshaven, Radiocheck (14/SEP/04) (KK)
06777.2 Alfa-Tango DRAT: F-210 EMDEN 4. FG wilhelmshaven 1737 USB/STANAG-4285 wkg Five-Niner: DHJ59 Gny wilhelmshaven, D (26/SEP/04) (KK)
06777.2 Kilo-Hotel DRKH: A1418 MEERSBURG 1127 USB/PSK wkg 59er DHJ59: Gny wilhelmshaven (20/SEP/04) (KK)
06780.6 85KNY: & 23KNZ, NTCN stations: 1458 USB ALE

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(03/SEP/04) (JLM)
06785.0 LRC1: (Army Corps of Engineers, Great Lakes Region, Chicago): 0229 USB/ALE sounding. 28/08 RP3
06785.0 MVD1: (Army Corps of Engineers, Mississippi valley Division Vicksburg MS): 0431 USB/ALE sounding. 28/08 RP3
06790.0 fishermen: 2018 USB span phone Sep17 04 ML
06791.7 : MFA Cairo 1959 ARQ SELCALs TVVF/Unknown embassy. Gives up 2003. (16Oct04) (RGA)
06795.0 Unid: 0554 mode??arq-e ? sig 5/10 Aug23 04 ML
06800 1203: Unid Turkish Net 2123 ALE/USB Sounding. (05Oct04) (RGA)
06806.0 046NHQCAP: (HQs unit, Civil Air Patrol, Maxwell AFB AL): 0152 USB/ALE sounding. Also sounding on 07602.0. 28/08 RP3
06806.0 047NHQCAP: (HQs unit, Civil Air Patrol, Maxwell AFB AL): 0204 USB/ALE sounding. 27/08 RP3
06810.0 ALYBATGELVIL: Duchess Birutė Mot.Inf.Bat, Alytus 0603 USB/ALE cłg ARTBATGELVIL: Art.Bat Rukla/Jonava (07/SEP/04) (KK)
06810.0 ALYBATGELVIL: Duchess Birutė Mot.Inf.Bat, Alytus 0618 USB/ALE cłg PANBATGELVIL: King Mindaugas MIB, Panevėpys (07/SEP/04) (KK)
06810.0 ALYBATGELVIL: Duchess Birutė Mot.Inf.Bat, Alytus 0623 USB ALE cłg TAUBATGELVIL: Bat. "Iron wolf" Taurages (07/SEP/04) (KK)
06810.0 ARTBATGELVIL: Artillerie Bat."Iron wolf", LTU 1524 USB ALE/MIL-188-141A cłg MPB1GELVIL 1st motorized Infantry Brigade "Iron wolf" (01/SEP/04) (KK)
06810.0 MPB1GELVIL: 1st mot.Inf Brigade "Iron wolf", LTU 1427 USB ALE/MIL-188-141A cłg TAUBATGELVIL Batalion "Iron wolf" Taurages (02/SEP/04) (KK)
06810.0 MPB1GELVIL: 1st mot.Inf.Brigade "Iron wolf" 0805 USB/ALE cłg ALYBATGELVIL: Duchess Birutė MIB Alytus (07/SEP/04) (KK)
06810.0 MPB1GELVIL: 1st motorized Infantry Brigade "Iron wolf" 0850 USB/ALE cłg PANBATGELVIL: MIB, Panevėpys (07/SEP/04) (KK)
06810.0 MPB1GELVIL: 1st motorized Infantry Brigade "Iron wolf" 1249 USB/ALE cłg TAUBATGELVIL: Bat."Iron wolf" Taurages (07/SEP/04) (KK)
06810.0 PANBATGELVIL: King Mindaugas MIB Panevėpys 1009 USB/ALE cłg RUKBATGELVIL: Batalion "Iron wolf" Rukla (07/SEP/04) (KK)
06810.0 PANBATGELVIL: King Mindaugas MIB Panevėpys 1018 USB/ALE cłg TAUBATGELVIL: Batalion "Iron wolf" Taurages (07/SEP/04) (KK)
06810.0 PANBATGELVIL: King Mindaugas MIB Panevėpys 1020 USB/ALE cłg ALYBATGELVIL: Duchess Birutė MIB Alytus (07/SEP/04) (KK)
06810.0 PANBATGELVIL: King Mindaugas Mot.Inf. Bat, Panevėpys 0543USB/ALE cłg GELVIL: "Iron wolf" HQ (07/SEP/04) (KK)
06810.0 PANBATGELVIL: King Mindaugas Mot.Inf. Bat, Panevėpys 0830 USB/ALE cłg MPB1GELVIL: 1st MIB "Iron wolf" (07/SEP/04) (KK)
06810.0 RUKBATGELVIL: Batalion "Iron wolf" Rukla 0816 USB/ALE cłg PANBATGELVIL: King Mindaugas MIB, Panevėpys (07/SEP/04) (KK)
06810.0 RUKBATGELVIL: Batalion "Iron wolf" Rukla 1034 USB/ALE cłg PANBATGELVIL: King Mindaugas MIB Panevėpys (07/SEP/04) (KK)
06810.0 RUKBATGELVIL: Batalion "Iron wolf" Rukla, LTU 1409 USB ALE/MIL-188-141A cłg MPB1GELVIL 1st motorized Infantry Brigade "Iron wolf" (01/SEP/04) (KK)
06820.0 CENTR3: MFA Bucuresti 0557 USB ALE/MIL-188-141A cłg KOW unid rom. Embassy (13/SEP/04) (KK)
06820.0 OMEGA50RS170: ?? Uzbek Mil? 1915 USB ALE/MIL-188-141A cłg OMEGA70RS1702P (12/SEP/04) (KK)
06825.0 FAV22: French Armeé Vernon 0845 CW VVV DE FAV22 QLH 3881/6825 KHZ, LECON 15-'/4 VITESSE 960 CLAIR BT (03/SEP/04) (KK)
06830.0 Unid: 2005 CW encrypted ? Aug23 04ML
06833.5 NNF2BCI: Unid MARS Net 2320 USB Also NNF2KTK, NNF2FNO and NNF2SPM. Net check in. (31Sep04) (CC)
06840.0 E10: Israel Intel Mossad 0255 AM (28/08/04) (AJP)
06845.0 650049: unid 2113 USB/ALE snd (19-sept-2004) (MSM)
06846 PZHQ: Russian Military 1930 CW Msg for WOWJ: 514 46 40 2308

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514 = 108 = PPPPP DUSoM MRRXE ... DUSoM MRRXE EPPRE 704 K.
WOWJ gives receipt on QSX freq 5879. (30Aug04) (RGA)

06860.0 unid: unid prob CIS 2037 CW 5fg msg very slow CW, no
callsigns given, i doubt it's mil comm-to amateur. It rather
looked like someone trying to pose as a "utility station".
(20-sept-2004) (MSM)

06864 FDI22: FAF Narbonne TIME??? FEC VVV DE FDI22 VVV DE FDI VV
VVV VVV DE FDI22. (02Oct04) (CC)

06868.0 AAA: Israeli Airforce 2934 USB snd (03/SEP/04) (KK)

06870.0 DRAGOTI: Albanian MIL or MOI Dragoti 2009 USB
ALE/MIL-188-141A clg QESARAKU (28/AUG/04) (KK)

06880.0 GRAZHDANI: Albanian MIL or MOI Grazhdani 2003 USB
ALE/MIL-188-141A clg DRAGOTI (26/AUG/04) (KK)

06880.0 icg brindisi: 1856 USB ita d/x Sep09 04 ML

06880.0 QESARAKU: Albanian MIL or MOI Qesaraku 2158 USB
ALE/MIL-188-141A clg DRAGOTI (28/AUG/04) (KK)

06881.0 NNNOASG: NAVMARCORMARS 0142 P-I/Ham 100Bd Hurrican Info
(14/SEP/04) (KK)

06881.0 No Call: unid 0140 Sitor-ARQ/100Bd/170Hz clg NMUA USCGC?
(14/SEP/04) (KK)

06895.0 PR1: (River Patrol Craft "Lago1" PBR-1): 2307 USB/ALE TO CGA
(HQs, Venezuelan Navy). 15/09 RP3

06897.9 Unid: Auto.Hydr.St. Atlas Mt. MRC 1945 clg CIMEL1: Beni
Mellal Met Office (01/SEP/04) (KK) tnx agn P.T.

06900 0000006138: Turkish Net 2104 ALE/USB Sounding.
(07Oct04) (RGA)

06900.0 0000006138: UNID TUR net 02:45 USB/ALE SND Sep-11-2004 (MO)

06900.0 6141: UNID 01:43 USB/ALE SND Sep-06-2004 (MO)

06900.0 6141: UNID TUR net 23:50 USB/ALE SND Sep-11-2004 (MO)

06900.0 ADDISABEBA: F Emb Addis Abeba ETH 0219 USB/ALE TO BUJUMBURA
23Aug04 (MO)

06900.0 AMMAN: F Emb Amman JOR 2008 USB/ALE TO RIYAD 18Aug04 (MO)

06900.0 CER11: MFA Paris F 1654 USB/ALE TO RABAT 19Aug04 (MO)

06900.0 CER41: MFA Paris F 0132 USB/ALE TO LECAIRE 19Aug04 (MO)

06900.0 DIAMANTE: MEX Army MEX 01:36 USB/ALE TO JADE
Sep-12-2004 (MO)

06900.0 LECAIRE: F Emb Cairo EGY 1936 USB/ALE TO CER41 22Aug04 (MO)

06900.0 MOB2MSS: UNID 03:38 USB/ALE TO OKROKANMSS Sep-12-2004 (MO)

06900.0 RABAT: F Emb Rabat MRC 1649 USB/ALE TO CER11 19Aug04 (MO)

06911.5 KRUQNG (North Carolina ARNG, Rowan County Airport,
Salisbury, NC): 0056 USB/ALE sounding. 02/09 RP3

06911.5 KRUQNG: (North Carolina ARNG, Rowan County Airport,
Salisbury, NC): 2356 USB/ALE sounding. 01/09 RP3

06911.5 T1Z159: (1/159th Avn, Simmons AAF, Ft Bragg NC): 1331
USB/ALE TO R26991 (UH-60, 1/159th Avn). 23/09 RP3

06913.5 011: Dutch Mil 1149 USB ALE clg 001 (05/SEP/04) (KK)

06913.5 012: Dutch Mil 1145 USB ALE clg 001 (05/SEP/04) (KK)

06915.0 JE2: UNID 0629 MIL.STD 188-141A ALE on usb. Responds to TN2
(28/Sep)(Dw)

06915.0 TN2: UNID 0629 MIL.STD 188-141A ALE on usb. Clng JE2
(28/Sep)(Dw)

06915.0 TN2: UNID 2308 MIL.STD 188-141A ALE on usb. Clng RO2
(27/Sep)(Dw)

06939.5 101: 123, 456 & 789: 1326 USB ALE. (21/SEP/04) (JLM)

06942.5 Bravo-One-Zero: Dutch Mil 1340 USB wkg Zero-Alfa,
Radiocheck changed to CH:F12, ltr bk with 300Bd PSK?/CF=
6944.6 khz (14/SEP/04) (KK)

06942.5 Zero-Alfa: Dutch Mil 1515 USB wkg Bravo-One-Zero and Bravo-
Two-Zero (14/SEP/04) (KK)

06959.0 E3: 2006 USB yl & lincolnshire poacher sound Aug23 04ML

06966 0000001220: Prob Turkish Military 2026 ALE/USB Sounding.
(23Sep04) (RGA)

06981 ALG: Sonatrach Oil/Gas Algiers 2017 ALE/USB Sounding.
(23Sep04) (RGA)

06985.0 USADA1010: (unidentified): 1338 USB/ALE TO USAIS1012
(US Army Intelligence & Security Command, Ft Belvoir VA).
Also noted on 07448.5. 25/08 RP3

06986 : Enigma E10 Mossad 1946 USB YL In 5LG traffic.

(16Oct04) (RGA)
06994.3 unid: ICRC 1834 P-I/100Bd <Calling:MBXTBI>: Mailbox Tbilisi, GEO (04/SEP/04) (KK)
06996.8 : Unid 1943 UNID/300/300 ACF=0. Freq 6996.85 (16Oct04) (RGA)
06998.0 HWK7: unid pirate Loretto, I, 1435, CW, messages supposedly from Vatican, 27/8/2004 (CK)
07000.0 fishermen: 2007 USB french Aug23 04ML
07038.7 D: CISN BEACON ODESA 2038 CW Single letter [D] hf beacon (18/Oct)(DW)
07335.0 CHU: ts ottawa 0627 USB ee Sep04 04 ML
07348.0 441FEMAUX: (FEMA Auxillary Station,Orlando, FL): 1403 USB/ALE=sounding. 05/09 RP3
07360 P1Z131: US ARMY ARNG 1-131 Av Bn, AL 1925 USB/ALE Sounds. (21Sep04) (CC)
07360 T1Z131: Montgomery Ops Alabama NG TIME??? ALE/USB wkg G23470/US Army NG Aircraft Followed by a Radio Check. T1Z131 had him lima Charlie (21Sep04) (CC)
07361.5 T1Z159 (1/159th Avn, Simmons AAF, Ft Bragg NC): 0048 USB/ALE sounding. Also sounding on 06911.5. 02/09 RP3
07363 : MARS including AAV4L, AAV4LR, AAV4S, AAT4D 1905 LSB Unknown net check in. (21Sep04) (CC)
07365.0 JE2: UNID 0626 MIL.STD 188-141A ALE on usb. Responds to TN2 (28/Sep)(DW)
07365.0 TN2: UNID 0626 MIL.STD 188-141A ALE on usb. cIng JE2 (28/Sep)(DW)
07365.0 TN2: UNID 2304 MIL.STD 188-141A ALE on usb. cIng RO2 (27/Sep)(DW)
07399.0 CLC51: Venezuelan Army 2211 USB ALE/MIL-188-141A cIng PCRC5 (13/SEP/04) (KK)
07440 V: MX Beacon Tashkent 0209 CW (28 Sep 04) (WC)
07448.5 HOTEL 6 XRAY: US Army: 1424 USB voice & ALE calling SIERRA 3 BRAVO,US Army. ALE calls USAIS1012 (H6X) & USADA1010 (S3B). Also active in USB voice and ALE on 6985.0 (02/SEP/04) (JLM)
07448.5 USAIS1012: (US Army Intelligence & Security Command, Ft Belvoir VA): 1421 USB/ALE TO USACE1010 (US Army Corps of Engineers). 25/08 RP3
07508 ZSJ: SAN/SAWB 1105 FAX/120/576 6 Day Prog. (24/Sep/04) (RH2)
07510 USAIS1012: US Army Intell & Security Cmd Ft Belvoir VA 2220 ALE/USB calls USADA1010 Unid. (05Oct04) (RGA)
07510.0 unid: Pip station 17:13 J3E/U pips 56 times per minute 5/sept04 (PPA)
07510.0 USAIS1012: US Army: 1446 USB ALE & voice. Voice call OSCAR 0 DELTA (20/SEP/04) (JLM)
07512 COLOGNE: Rohde & Schwarz Cologne, D 1518 USB/MIL-STD 188-141A calling MUNICH (12Oct04) (LDO)
07512 MUNICH: Rohde & Schwarz HQ Munich, D 2015 USB/MIL-STD 188-141A sounding (12Oct04) (LDO)
07512 PARIS: Rohde & Schwarz Paris, F 0851 USB/MIL-STD 188-141A calling MUNICH (13Oct04) (LDO)
07535.0 NORFOLK SESEF: & UNID SHIP (sounded like FORMOSA) in transmitter tests: 1453 USB voice contact & all mode (FSK, LSB, USB, ISB, etc.) testing (22/SEP/04) (JLM)
07552.0 ---: Cordoba Volmet Argentina 1054 USB SS wx info central area Argentina. Heard only 20 sept and no more. Irregular operation or test (20/09/04) (AJP)
07552.0 Cordoba Volmet: Argentina 1054 USB SS wx info central area Argentina. Heard only 20 sept and no more. Irregular operation or test (20/09/04) (AJP)
07554.6 FUG: French Navy La Regine, F 0816 FSK 300Bd/850Hz, non stop encrypted tfc., slightly over-modulated signal (05Sep04) (LDO)
07554.6 unid: station 17:17 F1B/300/850 encrypted traffic ACF=0 5/sept04 (PPA)
07585.7 RFVI: FF Le Port 2208 ARQ-E3/192/400 Betas on ITT cct. (24/Sep/04) (RH2)
07602.0 022NHQCAP: (Civil Air Patrol, Nat'l Ops Center, Maxwell AFB AL): 0012 USB/ALE sounding. Also sounding on 06806.0 &
09047.0. 28/08 RP3

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07602.0 043SERCAP: (Southeast Region Civil Air Patrol): 0151 USB/ALE sounding. Also sounding on 06806.0 & 09047.0. 28/08 RP3

07611.0 FAAZBW: FAA Boston ARTCC USA 0530 USB/ALE SND 19Aug04 (MO)

07611.0 FAAZID: FAA Indianapolis ARTCC USA 0524 USB/ALE SND 18Aug04 (MO)

07611.0 FAAZJX: FAA Jacksonville ARTCC USA 0439 USB/ALE SND 23Aug04 (MO)

07611.0 FAAZNY: FAA New York ARTCC NY USA 0345 USB/ALE SND 24-Aug-04 (MO)

07620 0000006666: Turkish Net 2204 ALE/USB Sounding. (02Oct04) (RGA)

07632 AA4V4AR: Air Force Mars 1805 USB Talking to NNN0AG (Navy Marine Corp Mars) about PC ALE and some other station using their frequency for (UNID) ALE transmissions. (13Oct04) (CC)

07632 T2Z3: UNID 1950 ALE/USB Probably a SHARES Stn. (13Oct04) (CC)

07632 T3ID: UNID 2000 ALE/USB Prob a SHARES stn. (13Oct04) (CC)

07632.0 R26593: (UH-60L. 1/159th Avn): 2004 USB/ALE TO T1Z159 (1/159th Avn, Simmons AAF, Ft Bragg NC). 22/09 RP3

07633.5 ALPHA HOTEL BRAVO: Unid. Prob USN 2203 USB Test 1 2 3 Test out clear voice 1 ALPHA HOTEL BRAVO calling any Station on this net. // 9256. (13Oct04) (CC)

07634.2 ESNVNG: Bny 2219 Packet 300Bd clg NPFAMP (13/SEP/04) (KK)

07634.2 WB: Brazilian Navy 2230 Sitor-Fec/100Bd/170Hz clg MP "MP DE WB WB" "VU_ZEV ZEV DOC EM TXT TXT KKKKKK" (13/SEP/04) (KK)

07659.7 RRSNTL: Radio Remote Station Natal, B 2110 Packet 300Bd tfc to RRSRCE Recife (13/SEP/04) (KK)

07670.0 French fishermen: 08:30 utc USB Traffic in french - QTH maybe in the Channel - At 08:37 they changes for a frequencie in the 8 mhz 18aug04 (S)

07675 102: Prob Chinese Diplo 1959 ALE/USB Sounding. (23Sep04) (RGA)

07680.6 No Call: unid AF Mars 0129 P-I/Ham 100Bd <Calling:AFD3MC> (14/SEP/04) (KK)

07680.7 No Call: unid AF Mars 0135 P-I/Ham 100Bd <Calling:AFD1MC> (14/SEP/04) (KK)

07680.7 UNID: MARS station: 0029 PACTOR. NOAA weather reports (28/AUG/04) (JLM)

07710 110: Prob Chinese Military 2125 ALE/USB wkg 106. (02Oct04) (RGA)

07710 120: Prob Chinese Military 1943 ALE/USB Sounding. (23Sep04) (RGA)

07716.7 : egypt Emb 1811 sitor-a tfc atu-aa 1812z:tvvx 130kt04 (wp3)

07737.7 Y/L (SS): 0113 USB w/o/M (SS). 24/08 RP3

07740.0 ADDISABEBA: F Emb Addis Abeba ETH 0306 USB/ALE TO BUJUMBURA 19Aug04 (MO)

07740.0 AMMAN: French Embassy Amman 1559 USB ALE/MIL-188-141A clg CER42 (13/SEP/04) (KK)

07740.0 BUJUMBURA: F Emb Bujumbura BDI 0330 USB/ALE TO KHARTOUM 19Aug04 (MO)

07740.0 CER11: MFA Paris F 0857 USB/ALE TO RABAT 20Aug04 (MO)

07740.0 CER41: MFA Paris F 0543 USB/ALE TO LECAIRE 19Aug04 (MO)

07740.0 KHARTOUM: F Emb Khartoum SDN 0332 USB/ALE TO BUJUMBURA 19Aug04 (MO)

07740.0 LECAIRE: F Emb Cairo EGY 0543 USB/ALE TO CER41 19Aug04 (MO)

07740.0 RABAT: F Emb Rabat MRC 2125 USB/ALE TO CER11 17Aug04 (MO)

07746.7 : egypt Emb 1755 sitor-a tfc atu-aa 1826z tfc aa 1902:rq oovy 130kt04 (wp3)

07754.5 No Call: prob Mars 2349 P-I/Ham 100Bd Storm Info (13/SEP/04) (KK)

07786 NYALA3: UNJLC Nyala SDN 1937 ALE/USB calls DMAZIN/UNJLC Dmazin. (23Sep04) (RGA)

07796.7 : egypt emb 2021 sitor-a short tfc and opchat in atu-80 aa then in rx mode. ends 2038z 160kt04 (wp3)

07803.0 LCR155: POL Mil HQ POL 1110 USB/ALE TO SPI324 19Aug04 (MO)

07803.0 SNB813: POL MIL ? 1128 USB/ALE TO SPT424 23-Aug-04 (MO)

07803.0 SPI324: POL Mil in Iraq? 1110 USB/ALE TO LCR155 19Aug04 (MO)

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07803.0 SPT424: POL MIL ? 1128 USB/ALE TO SNB813 23-Aug-04 (MO)
 07805.0 BE1RL: (Berlin NH EOC): 1651 USB/ALE sounding. 03/09 RP3
 07805.0 MA1NC: (Manchester NH EOC): 1605 USB/ALE sounding. 05/09 RP3
 07805.0 PE1TE: (Petersborough NH EOC): 1948 USB/ALE soudning.
 05/09 RP3
 07805.0 WPFJ625 (NH State EOC HQs, Concord NH): 1656 USB/ALE
 sounding. 03/09=20RP3
 07805.0 WPFJ625: (New Hampshire EOC, Concord NH): 1640 USB/ALE
 sounding. 18/08 RP3
 07808.0 PNR400: Panther 400 DEA Georgetown Bahamas 2223 USB
 ALE/MIL-188-141A snd (20/SEP/04) (KK)
 07810.0 GUASDUALITO: Ven.Guasdualito AB 0000 USB ALE c1g CDDA Centro
 de Defensa Aerea (02/SEP/04) (KK)
 07811.0 Israel Intel: 0017 AM "KPA2" (05/10/04) (AJP)
 07816.0 unid: CIS navy station 03:40 BEE 36-50 / 50 / 250 encrypted
 traffic 15sept04 (PPA)
 07816.7 : egy emb 2027 sitor-a opchat tfc atu80 aa 2042z: 51g
 2045z tfc lengthy msg atu-80 aa adressed to many embassies.
 al Sadr.Israel and America mentioned often 160kt04 (wp3)
 07823.7 : egy Emb 1828 sitor-a tfc aa 130kt04 (wp3)
 07849.0 CGGN: (HQs, Venezuelan National Guard): 0103 USB/ALE TO
 CUFAN1 (unidentified sub-element of CUFAN-Unified Command of
 National Armed Forces). 01/09 RP3
 07849.0 CGGN: (HQs, Venezuelan Nat'l Guard): 0503 USB/ALE TO CUFAN1
 (unidentified sub-element of Unified Command of National
 Armed Forces). 15/09 RP3
 07849.0 CGGN: HQs Venezuelan National Guard VEN 0514 USB/ALE TO
 MIRA1 MEB 18Aug04 (MO)
 07849.0 CLC43M: Centro Logistico Comunicaciones VEN 0725 USB/ALE TO
 CLC13M 18Aug04 (MO)
 07849.0 CORE7: Military Region 7 Command Venezuelan Army VEN 0343
 USB/ALE TO MIRA3 17Aug04 (MO)
 07849.0 CUFAN1: CUFAN Unified Command of Armed Forces 0508 USB/ALE
 TO CGGN 17Aug04 (MO)
 07849.0 DESTAFAC23: (Detachment # 23, Venezuelan Nat'l Guard): 0333
 USB/ALE TO CGGN (HQs, Venezuelan Nat'l Guard. 15/09 RP3
 07849.0 DESTAFAC23: (Venezuelan Nat'l Guard, Detachment 23): 2333
 USB/ALE TO CGGN (HQs, Venezuelan Nat'l Guard). 28/08 RP3
 07849.0 PORLAMAR: Aviation Support Detachment #7 Destacamento de
 Apoyo Aereo #7 Parlomar Airport VEN 0706 USB/ALE TO CGGN
 20Aug04 (MO)
 07850.0 SPZA: (O/M accented EE): 2208 USB calling SPZ. Callsigns
 spelled using NATO phonetics. 15/09 RP3
 07855.0 ---: Unid Peruvian net 0035 USB SS Possible roads workers.
 Copied "Patahuasi" and "Abancay" and at least 15 calls or
 RI. Some chats abt "tolls" and "enginners"
 (17/09/04) (AJP)
 07855.0 Unid: Peruvian net 0035 USB SS Possible roads workers.
 Copied "Patahuasi" and "Abancay" and at least 15 calls or
 RI. Some chats abt "tolls" and "enginners" (17/09/04) (AJP)
 07873 : Russian Military 2305 RUS-75/75/180 Cipher.
 (07Oct04) (RGA)
 07880 DDK3: DWD Pinneberg GER 0638 FAX/120/576 24 HR surface
 Analysis chart (Good copy). Nothing seen on parallels.
 (02Oct04) (CC)
 07880.0 DDK3: hamburg 0513 FAX 10 m wind chart Aug20 04 ML
 07880.0 DDK3: hamburg met 0655 FAX european pressure chart
 Sep12 04 ML
 07899.0 S2T: unid 0431 USB ALE c1g 2FY (11/SEP/04) (KK)
 07899.0 ZDF: unid 0426 USB ALE c1g S2T (11/SEP/04) (KK)
 07909 : unid USCG 0015 STANAG 5066/USB/ (10oct04) (CC)
 07914 : MARS Region 2 Arlington VA Including AFA1F1 and AFN1RT
 0119 USB/MFSK16 Net Check in. (21Sep04) (CC)
 07914.5 RIB18: Polish Military 1942 ALE/USB Calls UMC017 then is
 called by XUE019. (23Sep04) (RGA)
 07915.0 AFA1DA: MARS TRR NET CONTROL 2358 MFSK16 wkng AFA20J, AFA2QG
 (02/Oct)(DW)
 07915.0 AFA20J: MARS NET FLORIDA 2358 MFSK16 wkng AFA1DA

(02/Oct)(DW)
07915.0 AFA2PB: MARS NET ?LOC 0003 MFSK16 wkng (03/Oct)(DW)
07915.0 AFA2QG: MARS NET ?LOC 2359 MFSK16 wkng AFA1DA (02/Oct)(DW)
07930.0 DM1: Ethiopian net Debre Markos? ETH 2034 LSB/ALE SND
18Aug04 (MO)
07930.0 SHO: Ethiopian net Shoa? ETH 0243 LSB/ALE SND 19Aug04 (MO)
07931.0 knkc: 0522 cw from scandinavia? Aug20 04 ML
07943.7 ---: Unid 2238 ARQ-E3 Betas (27/09/04) (AJP)
07943.7 Unid: 2238 ARQ-E3 Betas (27/09/04) (AJP)
07945.7 FN Le Port: 2231 ARQ-E3 Betas (07/10/04) (AJP)
07957.0 AAA: israel af 0534 ALE snd Sep06 04 ML
07961.4 KZN508: SailMail Rockhill SC 0120 P-II/100Bd msg to CFB9492
(14/SEP/04) (KK)
07985.8 unid: station 03:25 PACTOR 1 / 200 / 200 encrypted ASCII
15sept04 (PPA)
07985.9 CHA: Unid 0141 Pactor Traffic w/PIE and MUT
(10/09/04) (AJP)
07988.0 Unid: Unid 1043 Sweep from 7988 down to 7958 every 0.65
sec. (10/09/04) (AJP)
07990.5 O/M (SS): 0213 USB w/o/m (SS). 05/09 RP3
07992 BLE: British Military Bielefeld, D 1507 USB/MIL-STD 188-141A
sounding (12Oct04) (LDO)
07992 DKL: British Army Dhekelia CYP 0613 ALE/USB snd tws
(14Oct04) (ZE)
07992.0 DKL: British Army Dhekelia CYP 0613 USB/ALE snd tws
(14OCT04) (ZE)
07993.6 NNN0BCI: USN/USMC MARS station with EEI report concerning a
tanker crash: 1844 PACTOR (20/SEP/04) (JLM)
08000 607001: Unid 2000 ALE/USB Sounding. (01Oct04) (RGA)
08010.0 68: DANISH ARMY? ?LOC 0613 MIL.STD 188-141A ALE on usb. c1ng
45. (26/Sep)(DW)
08012.0 022NHQCAP: CAP Natl Ops Center Maxwell AFB AL USA 0448
USB/ALE SND 18Aug04 (MO)
08012.0 046NHQCAP: (Civil Air Patrol HQs, Maxwell AFB AL): 0121
USB/ALE sounding. Also sounding on 07602.0. 18/08 RP3
08012.0 046NHQCAP: CAP Maxwell AFB AL USA 2312 USB/ALE SND
16Aug04 (MO)
08014.7 ---: EGYPTIAN DIPLO ?LOC 1952 arq 100/E/170 Tfc in Arabic
(ATU80). Press summary? then betas (26/Sep)(DW)
08018.2 COSH: Unid 0149 Pactor Also COYO, JAL, VEN, GMM, KUWA, COSH
(10/09/04) (AJP)
08019.5 OEY41: Austrian MIL station, AUT 1037 USB/MIL-STD 188-141A
tfc. to OEY52 (17Aug04) (LDO)
08019.5 OEY41: AUT Mil AUT 0657 USB/ALE TO OEY81 24-Aug-04 (MO)
08019.5 OEY52: Austrian MIL station, AUT 1037 USB/MIL-STD 188-141A
tfc. to OEY81 and OEY41 after c1ng NETZ2 [=collective call]
(17Aug04) (LDO)
08019.5 OEY52: AUT Mil AUT 0857 USB/ALE TO NETZ2 23-Aug-04 (MO)
08019.5 OEY81: Austrian MIL station, AUT 1037 USB/MIL-STD 188-141A
tfc. to OEY52 (17Aug04) (LDO)
08019.5 OEY81: AUT Mil AUT 0837 USB/ALE TO OEY41 25-Aug-04 (MO)
08020.0 netz2: unid austrian 1125 USB/ALE 16Aug04 (wp3)
08020.0 oey41: unid austrian 0910 USB/ALE 16Aug04 (wp3)
08020.0 oey81: unid austrian 0910 USB/ALE 16Aug04 (wp3)
08021.0 TNS: Algerian embassy Tunis, TUN 1054 USB/MIL-STD
188-141A/THALES MSM-1250 10ch. VFT, tfc. to MFA Algiers [MAE]
(02Sep04) (LDO)
08021.5 ---: Unid 1129 FSK 50/850 ?? (28/09/04) (AJP)
08021.5 Unid: 1129 FSK 50/850 ?? (28/09/04) (AJP)
08025 MIW2: Counting station 0413 USB English female. //7811.
(03Oct04) (CC)
08025.0 ZPO: ROMANIAN EMB ?LOC 0650 MIL.STD 188-141A ALE on usb.
c1ng CENTR2 (27/Sep)(DW)
08031.0 ---: FF NAQOURA? 2138 MIL.STD 188-141A 8rc. Betas. weak sync
thru 2150 (25/Sep)(DW)
08039.0 GUASDUALITO: VENEZUELAN AD GUASDUALITO 0145 MIL.STD 188-141A
ALE on usb. c1ng CDDA (27/Sep)(DW)
08040 GYA: FWOC Northwood UK 2340 FAX/120/576 spot winds 250MB

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(Good chart). //11086.5 4610. (01Oct04) (CC)
08040 GYA: FWOc Northwood UK 2340 FAX/120/576 Spot winds 250MB
(Good chart). //11086.5 4610. (01Oct04) (CC)
08040.0 CS001: NATO NET ?LOC 0832 MIL.STD 188-141A ALE on usb. CIng
RS006 (27/Sep)(DW)
08040.0 GYA: RN NORTHWOOD 1113 FAX 120/576/N/800 Various charts,
poor copy (25/Sep)(DW)
08040.0 R30: NATO NET ?LOC 0821 MIL.STD 188-141A ALE on usb. CIng
RS0. Also 0821 (27/Sep)(DW)
08040.0 RS006: NATO NET ?LOC 0832 MIL.STD 188-141A ALE on usb.
Responds to CS001 (27/Sep)(DW)
08040.0 T1Z131: AL NG & R23550, AL NG HeLo: 1915 USB ALE
(22/SEP/04) (JLM) station with weather reports.
One for New South Wales: 1302 USB voice (21/SEP/04) (JLM)
08040.0 T1Z131: US ARMY AVIATION MONTGOMERY 0506 MIL.STD 188-141A
ALE on usb. Sounding. (27/Sep)(DW)
08040.0 UNID: Alabama NG HeLo "departing Anniston, inbound
Montgomery": 1903 USB voice (22/SEP/04) (JLM)
08045 PUMA15: Mexican Army 0008 ALE/USB TO: PUMA (Mexican Army).
Followed by encrypted comms. PUMA29 and PUMA14 also seen.
(14Oct04) (CC)
08045.0 ---: EGYPTIAN AIR DEF ?LOC 2215 VFT on usb. 7*170Hz/46.2bd
ARQ/E 4rc channels. Betas. At 425,860,1190,1530,2210,2550.
Idle mark on 2800Hz. (25/Sep)(DW)
08045.0 unid: station 19:30 USB / BR6028 / 6* ARQ-E 46,5 / 170 beta
idle 15sept04 (PPA)
08045.9 : unid (EGY air def ?) 2030 arq-e/46.1/154 no tfc over
night (betas only) weak signal 23Sep04 (wp3)
08045.9 unid: (EGY air def ?) 2030 arq-e/46.1/154 no tfc over night
(betas only) weak signal 23Sep04 (wp3)
08046.2 : unid EGY air def ? 1757 arq-e/46.1/154 same as before
23Sep04 (wp3)
08046.2 unid: EGY air def ? 1757 arq-e/46.1/154 same as before
23Sep04(wp3)
08046.6 : unid EGY air def ? 2030 arq-e/46.1/154 zczc taa900 wka900
88 19066. 46099krm% gcy manf%~00 vfk- vmxomy tbwkcy00000
23Sep04 (wp3)
08046.6 unid: EGY air def ? 2030 arq-e/46.1/154 zczc taa900 wka900
88 19066. 46099krm% gcy manf%~00 vfk- vmxomy tbwkcy00000
23Sep04 (wp3)
08047.0 A090ZN: US EOS ARIZONA 0221 MIL.STD 188-141A ALE on usb.
CIng TXC06NG (27/Sep)(DW)
08058.6 K VX53: US Department of State 1226 USB/ALE TO K VX50
18Aug04 (MO)
08060.0 Argo: Italian military netcontrol station 18:40 J3E/U
working Charlie mike , advanti quatro and Sinco mike also a
Racal-Thales Panther-H modem on the frequency but probably
not related to this net 15sept04 (PPA)
08060.0 CGGN (HQs, Venezuelan National Guard): 0103 USB/ALE TO
CUFAN1=(unidentified sub-element of Unified Command of
National Armed Forces). 05/09 RP3=20
08060.0 CGGN: (HQs, Venezuelan National Guard): 0109 USB/ALE TO
MIRA1 (Command Element at Presidential Palace (Palacio de
Miraflores). 01/09 RP3
08060.0 DESTAFAC23: (Detachment # 23, Venezuelan Nat'l Guard): 0702
USB/ALE TO CUFAN3 (unidentified sub-element of Unified
Command of National Armed Forces). Also noted on 09052.0;
10600.0. & 10272.0. 15/09 RP3
08060.0 HOME: (probable test location): 1347 USB/ALE TO WORK
(probable test location). 01/09 RP3
08065.0 SKYWAT: (Skywatch, US Army Flight watch, Soto Cano AB
Honduras): 0252 USB/ALE sounding. 28/08 RP3
08070.0 B01: UNID Dutch MIL, HOL 1437 USB/MIL-STD 188-141A/MIL-STD
188-110A/MIL-STD 188-110B, crypto tfc. over FS-1052 DLP,
wkng B04 (04Sep04) (LDO)
08070.0 B04: UNID Dutch MIL, HOL 1437 USB/MIL-STD 188-141A/MIL-STD
188-110A/MIL-STD 188-110B, crypto tfc. over FS-1052 DLP,
wkng B01 (04Sep04) (LDO)

08076 : Russian Military 2231 36-50/50/200 At least 3 messages.
(07Oct04) (RGA)

08079.0 no-call: Rus. intel, RUS 2020 BAUDOT 200.33Bd/500Hz, auto
broadcasting "null" message to 162 (04Sep04) (LDO)

08082 BRO: UNID British MIL unit, ??? 1521 USB/MIL-STD
188-141A/Thales Javelin HSM 2400Bd, traffic to BVM,
exercise related activity (19Sep04) (LDO)

08082 BVA: British MIL attaché Bratislava?, SVK? 0449 USB/MIL-STD
188-141A, sounding (19Sep04) (LDO)

08082 BVM: UNID British MIL unit, ??? 1521 USB/MIL-STD
188-141A/Thales Javelin HSM 2400Bd, traffic to BRO,
exercise related activity (19Sep04) (LDO)

08082 DHE: British MIL Dhekelia?, CYP? 2142 USB/MIL-STD 188-141A,
working BVM (19Sep04) (LDO)

08082 GRE: UNID British MIL unit, ??? 0953 USB/MIL- STD 188-141A,
sounding (19Sep04) (LDO)

08082 PUR: UNID British MIL unit, ??? 1713 USB/MIL-STD 188-141A,
working BVM (19Sep04) (LDO)

08082 SPU: UNID British MIL unit, ??? 1324 USB/MIL- STD 188-141A,
sounding (19Sep04) (LDO)

08082.0 BRO: UNID British MIL unit, ??? 1521 USB/MIL-
STD 188-141A/Thales Javelin HSM 2400Bd, traffic to
BVM, exercise related activity (19Sep04) (LDO)

08082.0 BVA: British MIL attach=E9 Bratislava?, SVK? 0449USB/MIL-STD
188-141A, sounding (19Sep04) (LDO)

08082.0 BVM: UNID British MIL unit, ??? 1521 USB/MIL-STD
188-141A/Thales Javelin HSM 2400Bd, traffic to BRO, exercise
related activity (19Sep04) (LDO)

08082.0 DHE: British MIL Dhekelia?, CYP? 2142 USB/MIL-STD 188-141A,
working BVM (19Sep04) (LDO)

08082.0 GRE: UNID British MIL unit, ??? 0953 USB/MIL-STD 188-141A,
sounding (19Sep04) (LDO)

08082.0 PUR: UNID British MIL unit, ??? 1713 USB/MIL-STD
188-141A, working BVM (19Sep04) (LDO)

08082.0 SPU: UNID British MIL unit, ??? 1324 USB/MIL-STD
188-141A, sounding (19Sep04) (LDO)

08092 BAVARIANOPS: US Army Katterbach ? DEU 2221 ALE/USB
sns tws (11Oct04) (ZE)

08092 F236AA: 236 Med Coy US Army Landstuhl GER 1958
ALE/USB Sounding. (01Oct04) (RGA)

08092 F236AA: US Army 236 Med Co, Landstuhl DEU 2204
ALE/USB snd tws (11Oct04) (ZE)

08092.0 BAVARIANOPS: US Army Katterbach ? DEU 2221 USB/ALE
sns tws (11OCT04)(ZE)

08092.0 BAVARIANOPS: US-Army Katterbach(?) D 2329 USB/ALE
SND 18Aug04 (MO)

08092.0 F236AA: US Army 236 Med Co, Landstuhl DEU 2204
USB/ALE snd tws(11OCT04) (ZE)

08092.0 F236AA: US MIL LANDSTUHL 1408 MIL.STD 188-141A ALE
on usb. Sounding. Also 1438, 1508z (27/Sep)(DW)

08092.5 O/M (FF): 0515 USB w/recorded repetition of weeks of
the day, months=of the year, number counts (3XX-310). "Ici
La Direction de Transmission de=(rest unintelligible).
05/09 RP3=20

08100.0 GA2: UNID 0101 MIL.STD 188-141A ALE on usb. CIng GT3. Also
0401 (30/Sep)(DW)

08101 4XZ: Israeli Navy Haifa 1751 CW TX coded message.
(25/09/2004) (JA)

08103.0 4XZ: (Israeli Navy, Haifa): 0346 CW. 23/09 RP3

08103.0 4XZ: IN HAIFA 1238 CW Marker "vuv de 4XZ=="
(25/Sep)(DW)

08104.0 maritime: duplex 1934 USB ee dial with sailing boat
reaching vigo Sep09 04 ML

08105.0 B: UNID 2333 MIL.STD 188-141A ALE on usb. CIng K
(29/Sep)(DW)

08105.4 SWA: National Meteo Service Athens, GRC, 0850, FAX
120/576, meteo charts, 19/8/2004 (CK)

08113.0 UNID: station: 1250 USB voice weather reports &

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harbor conditions (03/SEP/04) (JLM)
08118.5 Unid: 1252 mode?? Sep11 04 (ML)
08118.5 unid: British military 18:32 Piccolo 12 / 20 / 250
encrypted traffic , strong signal S9+30 so presumed Londen
15sept04 (PPA)
08118.5 Unid: Unid 2238 Piccolo 12 tones 220 hz width
(09/09/04) (AJP)
08120.0 SH3: UNID 0135 MIL.STD 188-141A ALE on usb.
Sounding. Also 0335 (30/Sep)(DW)
08120.0 SH4: UNID 0022 MIL.STD 188-141A ALE on usb.
Sounding. Also 0122, 0423 (30/Sep)(DW)
08120.0 SH4: UNID 2321 MIL.STD 188-141A ALE on usb. Sounding
(29/Sep)(DW)
08129.0 GADARAF: UNJLC GADAREF 0157 MIL.STD 188-141A ALE on
usb. Sounding (01/Oct)(DW)
08129.5 : CIS Military 1924 MS-5/4800/DPSK/USB In cipher.
(16Oct04) (RGA)
08135.0 AAA: ISRAELI AF TEL AVIV 0046 MIL.STD 188-141A ALE on usb.
Sounding. Also 0146, 0246, 0346, 0447 (01/Oct)(DW)
08150.0 4011: UNID 0106 MIL.STD 188-141A ALE on usb. Sounding
(02/Oct)(DW)
08151.0 TWLC: Guardia Civil Santander E 1928 USB/ALE TO TXXX
24-Aug-04 (MO)
08151.0 TWLG: UNID Guardia Civil E 17:21 USB/ALE TO TXXX
Sep-06-2004 (MO)
08151.0 TXXX: Guardia Civil Madrid E 1928 USB/ALE TO TWLC
24-Aug-04 (MO)
08151.0 TXXX: Guardia Civil Madrid E 19:32 USB/ALE TO TZSH
Sep-09-2004 (MO)
08151.0 TZSH: Guardia Civil Huelva E 0409 USB/ALE TO TXXX
25-Aug-04 (MO)
08151.0 TZSH: Guardia Civil Huelva E 19:32 USB/ALE TO TXXX
Sep-09-2004 (MO)
08151.0 TZSM: Guardia Civil Malaga E 06:46 USB/ALE TO TXXX
Sep-10-2004 (MO)
08151.1 NNNOMOR: USN/USMC MARS station: 1620 PACTOR
(20/SEP/04) (JLM)
08156.2 unid: NATO military 18:05 USB / STANAG 4285 / 2400 bps / 3K
encrypted traffic 15sept04 (PPA)
08160.0 ---: UNID 1920 CW Tfc in 5 fig grp encrypt [30wpm]
(02/Oct)(DW)
08163.0 O/M (Caribbean EE): 0216 USB w/o/M (Caribbean EE) in
familiar=conversation. 05/09 RP3=20
08164.0 M/V Sweet Dreams: 1312 USB voice (21/SEP/04) (JLM)
08165 COLOGNE: Rohde & Schwarz Cologne, D 1534 USB/MIL-STD
188-141A sounding (12Oct04) (LDO)
08165 MUNICH: Rohde & Schwarz HQ Munich, D 1658 USB/MIL-STD
188-141A c_lng COLOGNE (12Oct04) (LDO)
08171.5 B7Z101: ("B" Coy, 7/101st Avn, Ft Campbell KY): 2036 USB/ALE
TO R24158 (UH-60A/L helo). 19/08 RP3
08171.5 B7Z101: (Coy "B", 7/101st Avn, Ft Campbell KY): 0229 USB/ALE
sounding. 27/08 RP3
08171.5 B7Z101: B Coy 7/101st Avn Ft Campbell KY USA 0551 USB/ALE
SND 18Aug04 (MO)
08171.5 KFMHNG: Nat'l Guard unit Otis ANGB Mass USA 0419 USB/ALE SND
18Aug04 (MO)
08171.5 R23740: (probable UH-60 helo): 0225 USB/ALE TO KBNWNG (Iowa
Nat'l Guard, Boone IA). 27/08 RP3
08171.5 T2Z238: (2/238th Avn, IN NG Shelbyville IN): 0015
USB/ALE sounding. 28/08 RP3
08171.5 T2Z238: (2/238th Avn, IN NG Shelbyville IN): 1959
USB/ALE sounding. 19/08 RP3
08171.5 T2Z238: 2/238th Avn IN NG Shelbyville IN USA 0357
USB/ALE SND 23Aug04 (MO)
08171.5 T7Z101: (7/101st Avn, Ft Campbell KY): 0002 USB/ALE
sounding. 19/08 RP3
08171.5 T7Z101: 7/101st Avn Ft Campbell KY USA 0445 USB/ALE
SND 17Aug04 (MO)

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- 08176.0 VMC: Charleville meteo AUS 17:55 J3E/U station info with frequencies and schedule 15sept04 (PPA)
- 08177.0 I050NNMDI: UNID 0331 MIL.STD 188-141A ALE on usb. C1ng INHQ7NGMDI. Also 0549z (03/Oct)(DW)
- 08181.0 CGGN: VENEZUELAN NG HQ 0109 MIL.STD 188-141A ALE on usb. C1ng MIRA1. Also at 0509. 0502/03 c1ng CUGAN1 (03/Oct)(DW)
- 08181.0 CORE7: VENEZUELAN NG 0307 MIL.STD 188-141A ALE on usb. C1ng CUF AUF [CUFAN?]. 0342 c1ng MIRA3 (03/Oct)(DW)
- 08181.0 CUFAN1: VENEZUELAN NG 0502 MIL.STD 188-141A ALE on usb. C1ng CGGN (03/Oct)(DW)
- 08181.0 DESTAFAC23: VENEZUELAN NG 0303 MIL.STD 188-141A ALE on usb. C1ng CUFAN3. 0333 c1ng CGGN (03/Oct)(DW)
- 08184.0 ---: UNID 1407 CW "bk qrv k" "qtc zzc sld" then changes to F1b 52bd/Rev/500Hz for short msg. "cfm nil" "sk" and s/off 1413z (02/Oct)(DW)
- 08186.0 no-call: Gend. Laon/Aisne, F 1451 USB/SKYMASTER 8-FSK ALE/THALES proprietary PSK serial tone waveform, working Gendarmerie Gap/Hautes Alpes (04Sep04) (LDO)
- 08186.0 no-call: Gendarmerie Gap/Hautes Alpes, F 1450 USB/SKYMASTER 8-FSK ALE/THALES proprietary PSK serial tone waveform, wkng Gend. Laon/Aisne(04Sep04) (LDO)
- 08188.5 D02: UNID Dutch MIL, HOL 1246 USB/MIL-STD 188-141A, responding to D06 (04Sep04) (LDO)
- 08188.5 D05: UNID Dutch MIL, HOL 0834 USB/MIL-STD 188-141A, calling D02 (05Sep04) (LDO)
- 08188.5 D06: UNID Dutch MIL, HOL 1246 USB/MIL-STD 188-141A, calling D02 (04Sep04) (LDO)
- 08188.5 D07: UNID Dutch MIL, HOL 1931 USB/MIL-STD 188-141A, calling D09 (04Sep04) (LDO)
- 08188.5 D09: UNID Dutch MIL, HOL 1931 USB/MIL-STD 188-141A, calling D07 (04Sep04) (LDO)
- 08188.5 L02: UNID Dutch MIL, HOL 1858 USB/MIL-STD 188-141A/MIL-STD 188-110A/B, encrypted tfc. via FS-1052 DLP, wkng L06 (02Sep04) (LDO)
- 08188.5 L04: UNID Dutch MIL, HOL 0839 USB/MIL-STD 188-141A/MIL-STD 188-110A/B, encrypted tfc. via FS-1052 DLP, wkng L11 (05Sep04) (LDO)
- 08188.5 L06: UNID Dutch MIL, HOL 1858 USB/MIL-STD 188-141A/MIL-STD 188-110A/B, encrypted tfc. via FS-1052 DLP, wkng L02 (02Sep04) (LDO)
- 08188.5 L11: UNID Dutch MIL, HOL 0839 USB/MIL-STD 188-141A/MIL-STD 188-110A/B, encrypted tfc. via FS-1052 DLP, wkng L04 (05Sep04) (LDO)
- 08210.0 SVO: Olympia Radio, GRC 1100 USB fem Voice, Channel Info (26/AUG/04) (KK)
- 08212 CG 6001: wkg CAMSLANT Chesapeake 1414 USB Establishes radio guard. Back to scan. (03Oct04) (RB)
- 08234.0 FRZ: ?Fregatte F11 „Zemaitis" 1814 USB ALE/MIL-188-141A c1g JPQ ?LTNy HQ Klaipeda, 39-tone Modem (26/AUG/04) (KK)
- 08234.0 FRZ: LITHUANIAN VESSEL 1116 MIL.STD 188-141A ALE on usb. C1ng JPQ. Also 1121 1123 1128 (09/Oct)(DW)
- 08234.0 FRZ: LTU Ny Frigate F11 "Zemaitis" LTU 19:25 USB/ALE TO JPQ Sep-07-2004 (MO)
- 08234.0 JPQ: ?LTNy HQ Klaipeda 1056 USB ALE/MIL-188-141A c1g M1K ?Minehunter M51 "Kursus" (26/AUG/04) (KK)
- 08234.0 JPQ: ?LTNy HQ Klaipeda 1748 USB ALE/MIL-188-141A c1g FRZ ?Fregatte F11 „Zemaitis" (26/AUG/04) (KK)
- 08234.0 JPQ: LITHUANIAN NAVY KLAIPEDA 0526 MIL.STD 188-141A ALE on usb. C1ng FRA. Also 0526 (08/Oct)(DW)
- 08234.0 JPQ: LITHUANIAN NAVY KLAIPEDA 2056 MIL.STD 188-144A ALE on usb. C1ng FRA (07/Oct)(DW)
- 08234.0 JPQ: LTU Ny HQ Klaipeda LTU 07:37 USB/ALE TO FRA Sep-06-2004 (MO)
- 08234.0 M1K: LITHUANIAN VESSEL 0805 MIL.STD 188-141A ALE on usb. C1ng JPQ (08/Oct)(DW)
- 08234.0 M1K: LITHUANIAN VESSEL 1529 MIL.STD 188-141A ALE on

08234.0 usb. Responds to JPQ (09/Oct)(DW)
 08272.1 MLK: LTU Ny Minehunter M51 "Kursus" LTU 12:00
 USB/ALE TO JPQ Aug-30-2004 (MO)

08272.1 LIMA MIKE BRAVO: 0638 USB wkg Ships in FF.
 (02Oct04) (CC)

08300.0 rftje : FN Dakar 0551 rtty 75/850 oofaaa de rftje
 znr uuuuu zuitesting ryryrqrhjryryryryryryryryryry
 sgsdgygsgsgygsgygsgegsdw%~ ynnnn 18Aug04(wp3)

08326 : Russian Military 1954 MS-5/1440/DPSK/USB In
 cipher. (02Oct04) (RGA)

08330 : CIS Military 1927 RIS-75/75/200 Cipher.
 (16Oct04) (RGA)

08333.0 unid: 0557 unid 75/850 18Aug04 (wp3)

08349 : Unid Ship 1929 GLOBEDATA wkg LFI/RogalandRadio.
 (16Oct04) (RGA)

08359.0 ukr: Ship t/h i selxwinskij 0601 rtty 50/170 + cw
 tfc to IzmailRadio 8586.0 18Aug04 (wp3)

08395.0 ---: Bolivian Police 2248 LSB SS Sending msg abt
 antinarcotics operations (17/09/04) (AJP)

08395.0 Bolivian Police 2248 LSB SS Sending msg abt
 antinarcotics operations (17/09/04) (AJP)

08396.5 UCBP: nsc timber carrier "mekhanik pyatzin" & UFHZ
 "mekhanik krashovskiy" 0634 ARQ work ? Sep05 04 ML

08397.5 UCBM: 1405 Russian ship MEKNIK PUSTOSHNY mail
 collection with UCE Sitor A 18/09 (PP1)

08397.5 UCPG: 0618 Russian ship PIONEER YAKOUTII mail
 collection with UCE Sitor A 18/09 (PP1)

08401.0 PetroStar (Romania): 0224 SITOR w/formatted gas/oil
 report. 05/09=20 RP3

08413.0 O/M (SS): 0123 USB wo/M (SS). 25/08 RP3

08414.5 636010462: 0845 Liberian ship BELGUARDIAN c/s
 ELSZ9 type obo,GMDSS-DSC test 26/09 (PP1)

08414.5 : Alexandria Radio EGY 0359 DSC (21Sep2004) (AB)

08414.5 : Cape TownRadio AFS 1925 DSC (20Sep2004) (AB)

08414.5 : Chennai Radio IND 1618 DSC (21Sep2004) (AB)

08414.5 : Emirates Radio UAE 0020 DSC (21Sep2004) (AB)

08414.5 : Finistere Radio E 0045 DSC (21Sep2004) (AB)

08414.5 : Hong Kong Radio HKG 1720 DSC (20Sep2004) (AB)

08414.5 : Iqaluit Radio CAN 2034 DSC (20Sep2004) (AB)

08414.5 : Jeddah Radio ARS 0032 DSC (21Sep2004) (AB)

08414.5 : Karachi Radio PAK 1606 DSC (20Sep2004) (AB)

08414.5 : Lisboa Radio POR 1412 DSC (20Sep2004) (AB)

08414.5 : Mauritius Radio MAU 0328 DSC (21Sep2004) (AB)

08414.5 : MRCC Bahamas 0116 GMDSS Relays apparent distress
 message allegedly from Panamanian-registered vessel Kuo
 Chang/3FZL8 in undesignated distress at 2506N 05452E.
 (22Sep04) (APB)

08414.5 : MRCC Portsmouth G 2207 DSC (20Sep2004) (AB)

08414.5 : Novorossiysk Radio RUS 1825 DSC (20Sep2004) (AB)

08414.5 : Rio de Janeiro Radio B 0044 DSC (21Sep2004) (AB)

08414.5 : Shanghai Radio CHN 2219 DSC (22Sep2004) (AB)

08414.5 : Tenerife Radio E 2125 DSC (20Sep2004) (AB)

08414.5 : Tokyo Radio J 1852 DSC (20Sep2004) (AB)

08414.5 : Unid Marshall Is MRCC 2341 GMDSS Relays apparent
 distress message allegedly from Mineral Oak/3FH6, apparently
 sinking at fictitious location 9999S 99999W. checksum error.
 (09Oct04) (APB)

08414.5 : Unid MRCC/Coast Stn 0327 GMDSS Relays alleged
 distress message from Prabhu Parvati/9V6334 in unspecified
 distress condition at 2032N 02950E. (17Oct04) (APB)

08414.5 : Unid Shore Authority 0807 GMDSS All ships call to
 relay apparent distress message from Solvaergutt/LJKI.
 Faulty message - checksum error. (02Oct04) (APB)

08414.5 : Unid Venezuelan Authority 0713 GMDSS Relays
 alleged distress message purporting to come from Liberian-
 registered vessel Ming Asia/A8AZ3 apparently in unspecified
 distress at 3341N 11812W. (25Sep04) (APB)

08414.5 : USCG Boston USA 2217 DSC (20Sep2004) (AB)

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08484 HLG: SeoulRadio KOR 1934 CW CQ de HLG QSX 8 MHz K.
(16Oct04) (RGA)

08484 HLG: SeoulRadio KOR 2025 CW CQ idler.
(02Oct04) (RGA)

08494.7 D: MX Beacon Odessa 1935 CW (16Oct04) (RGA)

08495 C: MX Beacon Moscow 0020 CW // 16332 13528 10872
7039 5154. (30 Aug 04) (WC)

08500 BNA: Base Naval Amario Venezuelan Navy/River Forces
2100 ALE/USB wkg 64B/LST Los Llanos T-64. (02Oct04) (RGA)

08500 VTH1/5/7: IN Mumbai 2155 RTTY/50/850 RY/ID test
tape. (23/Sep/04) (RH2)

08500.0 CGA: Venezuelan Ny 0050 ALE/USB Sounding
(27/08/04) (AJP)

08500.0 VTH: Indian Ny India 0035 Rtty 50/800 Traffic list
(15/09/04) (AJP)

08502 XSG: ShanghaiRadio PRC 1531 CW CQ marker.
(06Oct04) (RGA)

08549.0 UCE: 0605 Arkhangelsk Radio , mail collection for
UBSW TEKHNOLG KONYUKHOV sitor A 100 bd 18/109 (PP1)

08549.0 UCE: Archangelsk (RUS) 1600 USB 100/175 sitor-a, mailbox-
system (04/Oct/2004) (www.fading.de)

08551.5 ctp : NATO Lissabon 0708 rtty 75/850 naws naws de
ctp ctp qsx 04 06 08 12 mhz ar naws naws de ctp ctp qsx 04
06 08 12 mhz ar 18Aug04 (wp3)

08562 : Unid 1614 UNID digital signal UNID/50/850
Synchronous. (25/09/2004) (JA)

08568 FUV: FN Djibouti 2027 RTTY/75/850 Bricks tests.
(02Oct04) (RGA)

08568 FUV: FN Djibouti 2241 RTTY/75/850 Brick tests to
FAAA. (07Oct04) (RGA)

08568.0 FUV: FF Djibouti 2353 RTTY 75/850 Testing
(21/08/04) (AJP)

08582.0 PWZ33: BN RIO DE JANEIRO 2207 RTTY 75/N/870 Nav wngs
in Portuguese (05/Oct)(DW)

08586.0 uso5: Izmail Radio 0602 cw tfc to t/h i selxwinskij
qsx 8359.0(ship in cw und rtty 50/170) 18Aug04 (wp3)

08587.5 Unid: Japanese Gov. 2109 Telemetry datalink
(21/08/04) (AJP)

08595.0 UFL: Vladivostok R 2337 sitor wx for Pacific Ocean
(25/09/04) (AJP)

08605 UIW: KaliningradRadio RUS 2111 CW NAWIP msgs in
Russian. (02Oct04) (RGA)

08610 UGE/UCE: ArkhangelskRadio RUS 1010 RTTY/50/170 CQ de
UGE/UCE QSW 446 6470 8610 12700 17036 22??90 RYS then tgms.
(06Oct04) (RGA)

08610.0 UCE5: ARKHANGELSK RADIO 1450 RTTY 50/R/170 3sc. Tfc
fm agent in Arkhangelsk to unid ship (06/Oct)(DW)

08634.0 VTG: Indian Ny 2000 CW wx report //12808.5
(21/08/04) (AJP)

08636 HLW: SeoulRadio KOR 1938 CW CQ marker.
(16Oct04) (RGA)

08646 VTP6: IN Vishakhapatnam 2115 CW 4FGs to
VWGZ/warships. (02Oct04) (RGA)

08646.4 FUJ: (FR Navy, Noumea): 0915 RTTY 75/850 w/test
tape. 20/09 RP3

08670.0 iar: Rom Radio 0730 cw vvv vvv vvv de iar iar iar k
4 8 12 16 22mhz - we lsn 22 and reply on 17206,1 kh
18Aug04 (wp3)

08677.0 CBV: Playa Ancha R 2217 FAX 120 Pressure chart
(21/08/04) (AJP)

08680.5 VIE: Globe wireless Darwin NT AUS 2122 GLOBEDATA
Idling. Reasonable signal. (02Oct04) (RGA)

08682.4 Unid: 0200 w/FAX. Poor quality signal--possibly a=
map. 05/09 RP3

08708 RIB018: Polish Military 1825 ALE/USB wkg HIM022 who
in turn works QUT024 XUE019 and DIZ021. (23Sep04) (RGA)

08725.0 Unid: 0601 mode?? continuous sounding sig 2/10-more
clear in usb -here in northern france Aug19 04 ML

08725.3 CCS: Chilean Ny 0030 RTTY 100/850 Santiago. Testing.
New Freq. (20/08/04) (AJP)

08725.3 CCX: Unid snt Chilean Ny 0030 RTTY 100/850 c1g CCS
(27/08/04) (AJP)

08726.0 ZSC: Capetown R 0042 PSK burst and CW every 4.30 min
(17/09/04) (AJP)

08727.0 205: Unid Chile 0023 USB ss "205 redo lke qsy to
CM4" possible Chilean Navy (15/09/04) (AJP)

08734 SVO: OlympiaRadio Athens 2243 USB YL with standard
service announcement in EE and Greek. (07Oct04) (RGA)

08764.0 NMN: uscg 0607 USB wx Aug19 04 ML

08764.0 NMN: uscg 0613 USB om Sep25 04 ML

08773.0 UJE: moscow 0610 USB russ work unid ship
Aug19 04 ML

08788.0 WLO: 1150 USB / Maritime Forcast & Traffic List
(17/Oct/2004) (Ken-S)

08816 56072: Russian Naval Aircraft 1418 CW Msg: QAL URML
(Makhachkala) 1435 K. RJF94/ Central Sector Stn Moscow and
RJC48/Southern Sector Stn both QSL. (23Sep04) (RGA)

08816 RJF94: Russian Naval Air Central Control Stn Moscow
1605 CW wkg naval aircraft 56072 who sends QTO 1600 QRD XRAP
URML (MAKHACHKALA) QBD 5000 QRE 1730 RPT FOR RJC48 RPT AL K.
RJF94 repeats back. RJC48 also repeats back. (23Sep04) (RGA)

08816.0 O/M (Arabic: mixed w/FF): 0139 USB w/O/M (Arabic
mixed w/FF). 25/08 RP3

08820.0 vm hong kong: 1812 USB ee om Sep17 04 ML

08825 BNF: Venezuelan Naval Base (FALCON) 2015 ALE/USB TO
CGA: Venezuelan Navy HQS, (Cuartel General Armada) THIS IS
BNF. (05Oct04) (CC)

08825.0 BNG: unid prob. Venezuelan Navy 2126 USB/ALE wkng
BNA. I'd go for Venezuelan Navy - BNA... could it be BNARCO?
(02-sept-2004)(MSM)

08831.0 atc nat-f gander: 2025 USB work reach3574
Sep17 04 ML

08834 ARINC-08: Johannesburg SAF 1831 HF DL Poor squitters.
(10Oct04) (RGA)

08834 D-ALCK: Lufthansa Cargo MD11 1847 HF DL Signs on to
ARINC Johannesburg. (02Oct04) (RGA)

08834 OH-LBR: Finnair B757 Flt AY2701 1917 Reports 3822N
02552E to ARINC Hat Yai. (30Sep04) (RGA)

08834 QR0612: Qatar Airways Flight 1856 HF DL Reports 2304N
06203E. (30Sep04) (RGA)

08834 VP-BDO: Aeroflot A319 Flt SU0263 1918 HF DL Reports
4948N 01943E. (30Sep04) (RGA)

08834 VS0201: Virgin Atlantic Flight 1854 HF DL Reports
4520N 11211E to ARINC Johannesburg. (30Sep04) (RGA)

08834 ZS-SFD: SAA Flight 205 0942 HF DL Airbus 319-132. Ex
F-WWDM. Posn Rpts & Tfc. (09/Oct/04) (RH2)

08834 ZS-SFE: SAA Flight 547 1005 HF DL Airbus 319 - 2281
Posn. (09/Oct/04) (RH2)

08834 ZS-SJK: SAA Flight 551 1009 HF DL B737 - 32355 Posn.
(09/Oct/04) (RH2)

08834 ZS-SNB: South African Airways A340 1958 HF DL Signs
on to ARINC Johannesburg. (14Oct04) (RGA)

08834 ZS-SNC: SAA A340 Flt SA0210 1922 HF DL Reports 2719N
04554W to ARINC Hat Yai. (30Sep04) (RGA)

08834 ZS-SNC: South African Airways A340 Flt SA0262 2003
HF DL Relays msg via ARINC Johannesburg: 'Hi ZUR (prob Zurich).
Ops normal. ETA 0240. Next call 2100.' Posn Report
at 2003 was 0012S 00435E. (14Oct04) (RGA)

08834 ZS-SXA: SAA Flight 550 0959 HF DL Airbus 340E Posn
Rpt. (09/Oct/04) (RH2)

08834.0 SARBR: (Brazilian Air Force, Search & Rescue,
Brasilia): 0435 USB/ALE=sounding. Also sounding on 13586.0 &
16355.0. 06/09 RP3

08834.0 SARBR: B AF SAR Brasilia B 05:10 USB/ALE SND
Sep-10-2004 (MO)

08834.0 SARMN: B AF SAR Manaus B 00:58 USB/ALE SND

Sep-11-2004 (MO)
08834.0 SARRF: B AF SAR Recife B 05:01 USB/ALE SND
Sep-11-2004 (MO)
08837.0 EL AL ldoc: 0611 USB work unid flight /end of comm
Aug19 04 ML
08842.5 O/M (Caribbean EE): 0134 LSB w/unheard station.
24/08 RP3
08846 NEW YORK CENTRE: (CAR-B MWARA) Caribbean-B 1820 USB
wkg Navy DF414 with position and flight level and request
New York to keep IFR Flight plan open. (30Sep04) (CC)
08846.0 ---: New York MWARA CAR-B 2343 USB SS A lot of A/C
(25/09/04) (AJP)
08846.0 MWARA CAR-B (NY Rdo): 2101z USB wkg LUFTHANSA 463:
clearance, routing to EDDF (Frankfurt, Germany); FL350, .86
Mach. (11/Oct/2004) (ALS)
08846.0 MWARA CAR-B (NY Rdo): 2321z USB, wkg AMERICAN 1130;
position NANCE FL410, next BURTT at 2349z, then BACUS.
(11/Oct/2004) (ALS)
08846.0 MWARA CAR-B (NY Rdo): 2322z USB, wkg AMERICAN 1130;
position FL380. (11/Oct/2004) (ALS)
08846.0 MWARA CAR-B (NY Rdo): 2327z USB, wkg AUSTRIA 9572;
Selcal CEBR, 6577 is secondary freq. (11/Oct/2004) (ALS)
08846.0 New York MWARA: CAR-B 2343 USB SS A lot of A/C
(25/09/04) (AJP)
08860.0 O/M (CC): 2330 USB w/O/M (CC). 15/09 RP3
08860.3 O/M (SS): 0135 USB w/O/M (SS). 25/08 RP3
08867 AUCKLAND: SP-6/7 MWARA South Pacific 0553 USB wkg
unknown aircraft with selcal checks HJGP, HKFQ, KLHS.
(02Oct04) (CC)
08868.0 O/M (SS): 2213 USB w/O/M (SS). 04/09 RP3
08870.0 O/M (SS): 0142 USB w/O/M (SS). 25/08 RP3
08873.0 Ndjamena: (RDARA AFI-4): 0044 USB w/Lufthansa 527
w/position report and flight route change. 29/08 RP3
08879.0 12+04: 1205 USB MWARA NAT-C, German AF 12+04,
selcal CJGL, working Shanwick with posn, wx, fuel status,
selcal and radio check 4/Sep/2004 (TR)
08879.0 9M-MQH: 1146 USB MWARA NAT-C, Malyasian Airlines
9M-MQH, selcal DKES, working Gander with posn, fuel status
and selcal check, and requesting change of flightlevel
4/Sep/2004 (TR)
08879.0 A40-EE: 1132 USB MWARA NAT-C, Gulf Air A40-EE,
selcal BRHP, working Shanwick with posn, wx, fuel status and
selcal check, requesting wx for EDDF (Frankfurt Intl)
4/Sep/2004 (TR)
08879.0 atc ind mumbai: 1910 USB ee work unid flight
Sep09 04 ML
08879.0 B-2717: 1200 USB MWARA NAT-C, China Northwest
B-2717, selcal DHQR, working Gander with posn, wx, fuel
status and selcal check 4/Sep/2004 (TR)
08879.0 F-GLZK: 1123 USB MWARA NAT-C, Air France F-GLZK,
selcal AQPS, working Iceland with posn, wx, fuel status and
selcal check 4/Sep/2004 (TR)
08879.0 F-GSPD: 1125 USB MWARA NAT-C, Air France F-GSPD,
selcal EHGL, working Iceland with posn, wx, fuel status and
selcal check, requesting routing confirmation
4/Sep/2004 (TR)
08879.0 HS-TGM: 1154 USB MWARA NAT-C, Thai HS-TGM, selcal
DPJR, 4/Sep/2004 (TR)
08879.0 LN-RCL: 1212 USB MWARA NAT-C, SAS LN-RCL, selcal
EHFJ, working Iceland with posn and requesting new flightlevel,
Iceland approves new F330 4/Sep/2004 (TR)
08879.0 MWARA NAT-C (Gander Rdo): 2045z USB: wkg unid acft.
(11/Oct/2004) (ALS)
08879.0 MWARA NAT-C (NY Rdo): 2300z USB wkg KLM 754: cfs
Gander; sent to 5649. (11/Oct/2004) (ALS)
08879.0 N326TZ: 1211 USB MWARA NAT-C, American Transair
N326TZ, selcal JRDP, working Gander with posn, fuel status
and selcal check 4/Sep/2004 (TR)

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08879.0 N472UA: 1152 USB MWARA NAT-C, United N472UA, selcal AGLS, working Shanwick with posn, wx, fuel status and selcal check, and requesting wx for EDDS (Stuttgart) and EDDM (Munich) 4/Sep/2004 (TR)

08879.0 no call: Mumbai aero IND 20:20 J3E/U working Olympic 238 , MD403 and Sri Lankan 208 15sept05 (PPA)

08883.0 O/M (CC): 2331 USB w/O/M (CC). 15/09 RP3

08885 VP-BWG: Aeroflot A319 Flt SU0110 2239 HFDL At 5005N 01254E. (19Sep04) (RGA)

08885 VS0201: Virgin Atlantic Flt 2237 HFDL Reports 4954N 07251E to ARINC Bahrain. (19Sep04) (RGA)

08888.0 samara: vm 0716 USB russ y1 Sep04 04 ML

08888.0 UNID: 1050 USB expected some Russian VOLMET and found some voice 4/Sep/2004 (TR)

08888.0 vm samara: 0517 USB russ "orianenburg,samara..." Sep17 04 ML

08888.0 vm tyumen: 0522 USB russ Sep17 04 ML

08894.0 Algiers (O/M FF-MWARA AFI-4): 0120 USB w/unidentified aircraft (O/M FF) w/position report. Also Ndjamena (O/M FF) w/Air France 344 (O/M FF). 24/08 RP3

08894.0 Unid: Speedbird flight calling Algiers (MWARA AFI-2) w/no=response. 05/09 RP3

08897.0 O/M (SS): 0131 USB w/O/M (SS). 24/08 RP3

08906.0 MWARA NAT-A (NY Rdo): 0110z USB, wkg CORSAIR 867; level at FL340. (11/Oct/2004) (ALS)

08906.0 MWARA NAT-A (NY Rdo): 1917z USB wkg MMZ 3511 (Euro Atlantic Airways, Portugal), pos rep, selcal check. (11/oct/2004) (ALS)

08906.0 MWARA NAT-A (NY Rdo): 2043z USB: wkg REACH 199Y, will divert to Pope AFB; needs routing from JAINS Nav Fix to Pope. (11/Oct/2004) (ALS)

08906.0 MWARA NAT-A (NY Rdo): 2338z USB wkg JETSET 087: ordered to descend to FL320 by 43N. (11/Oct/2004) (ALS)

08906.0 MWARA NAT-A (NY Rdo): 2346z USB wkg CUBANA 471: 34 North, 50 West; routing to MUCM (Camaguey Aeropuerto). (11/Oct/2004) (ALS)

08906.0 MWARA NAT-A (NY Rdo): 2347z USB wkg REACH 225Y: Estimates crossing 50 West at 0120z. (11/Oct/2004) (ALS)

08906.0 MWARA NAT-A (NY Rdo): 2359z USB wkg AIR FRANCE 461: deviating due to wx. (11/Oct/2004) (ALS)

08906.0 MWARA-New York: 2210z USB wkg FCA 8880; selcal. (19/Sep/2004) (ALS)

08906.0 MWARA-New York: 2216z USB wkg KLM 754; reports 44 North, 50 West; handoff to Gander. (19/Sep/2004) (ALS)

08910 206: Unid 2034 ALE/USB Sounding. (30Sep04) (RGA)

08912 F39: USCG HU-25 Flacon 0039 ALE/USB To: LNT: USCG Camslant Chesapeake VA Followed by Camslant requesting Flight OPS and position. FOXTROT 39 unable to link. FOXTROT REQUEST Camslant to link with him. Camslant going back to scan (04Oct04) (CC)

08912 M49: C-12M Surveillance Aircraft ALE/USB 0043. (04Oct04) (CC)

08912 N453UPS: UPS B757-24APF 2202 HFDL Signs on. (29Sep04) (RGA)

08912 N550TZ: American Transair B757 Flt TZ4313 2152 Posn 4539N 06254W. (29Sep04) (RGA)

08912 QR0002: Qatar Airways Flt 2156 HFDL Posn 5007N 00948E. (29Sep04) (RGA)

08912 SU0124: Aeroflot Flt 2150 HFDL Posn report 4949N 01506E on to ARINC Riverhead. (29Sep04) (RGA)

08912 VP-BWE: Aeroflot A320 Flt SU0247 2134 HFDL Signs on to ARINC Riverhead. (29Sep04) (RGA)

08912 X51 : US ARMY UH-60L Helicopter USB/ALE 0046. (04Oct04) (CC)

08912.0 Aircraft BSU 002: (Arabic/EE): 0054 USB w/O/M (Arabic/EE). BSU 002 says he will call again at 0205 and asks that unspecified information be relayed to an unidentified location (sounds like ZENA). Greetings and

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goodbyes in Arabic--remainder in heavily accented EE.
15/09 RP3

- 08912.0 Camslant Chesapeake: 0105 w/CG 1502 (HHC-130, CGAS Elizabeth City) securing radio guard. 02/09 RP3
- 08912.0 Hammer: (BICE, AMICC, March AFB, Riverside, CA): 0001 USB calling Omaha 241 (BICE aircraft). Hammer states he is transmitting via CS3 (BICE remote #3). 24/08 RP3
- 08912.0 US CUSTOMS COTHEN: 2041z USB: Encrypted speech (turkey talk). (11/Oct/2004) (ALS)
- 08918 NEW YORK CENTRE: (CAR-A MWARA) Caribbean-A 1810 USB wkg Navy JAO4 P-3 India (self id) with flight Level request to 20. (30Sep04) (CC)
- 08918 NEW YORK: CAR-A MWARA 0100 USB wkg N601JE selcal (DRCL) ETA at CHAMP 0233 and flight level 320. New York asks him for his call sign and his reply was N601JE that's all you need to know. (04Oct04) (CC)
- 08918.0 MWARA CAR-A (NY Rdo): 0206z USB, wkg AIR EUROPA 2937; Clrnce to LRIF via LOPPS. LAZEY, 35N 60W, 36N 50W, 37N 40W. (11/Oct/2004) (ALS)
- 08918.0 MWARA-New York: 2119z USB wkg REACH 66 (USAF AMC Acft); reports 40 North, 20 West. (19/Sep/2004) (ALS)
- 08918.0 MWARA-New York: 2120z USB wkg REACH 947 (USAF AMC Acft); deviates due to wx. (19/Sep/2004) (ALS)
- 08921.0 ldoc brit airways: 2007 USB work speedbird 255 lon heath>lusaka Sep1704 ML
- 08922 (HFGCS): 20-char EAM 1251 USB A5022I "FOR WHISKEY FORCE AND XRAY FORCE". Common to this time of the year. Suspected GLOBAL GUARDIAN related. (30 Sep 04) (JH)
- 08923.5 O/M (SS): 0143 USB w/O/M (SS). 25/08 RP3
- 08927.0 ARINC-01: Dixon 0325 HF DL Some aircraft and squitters (31/08/04) (AJP)
- 08930 Emirates 9916 1207 USB LDOC, Emirates 9916, selcal MREP, working Stockholm Radio with posn, wx, fuel status and selcal check 16/Oct/2004 (TR)
- 08930 Giant 9114 1138 USB LDOC, Giant 9114, selcal BKGL, working Stockholm Radio with posn, wx, fuel status, payload nil, and requesting wx for EDFH (Hahn) 16/Oct/2004 (TR)
- 08930 Viking 516: Prob Premair Flight 2125 USB Working STOCKHOLM RADIO. Selcal PSBM. (02Oct04) (RGA)
- 08930.0 ldoc stockholm: 0556 USB work blue panorama flying to fiumicino/reach828 /FJBL jy-ags a310 rja Sep25 04 ML
- 08930.0 ldoc stockholm: 1818 USB work alitalia flight JQDM b767 to milanomalpensa Sep17 04 ML
- 08935.0 UNID: 1535 USB voice tfc in Spanish, at least three stn active, very disciplined operating, wonder who they are. 13/Sep/2004 (TR)
- 08942 A7-ACD: Qatar Airways A330 Flt QR0033 1831 HF DL Signs on to ARINC Shannon. (01Oct04) (RGA)
- 08942 D-ALCE: Lufhansa Cargo MD11 Flt LH8281 1853 HF DL 5405N 02718W. (01Oct04) (RGA)
- 08942 G-VFOX: Virgin Atlantic A340 'Silver Lady' Flt VS0900 1601 Reports 6134N 04852E to ARINC Shannon. (15Oct04) (RGA)
- 08942 I-LIVB: Livingstone A321 Flt LVG785 1900 HF DL Signs on. (01Oct04) (RGA)
- 08942 LVG752: Livingstone Flt 1901 HF DL Posn 4408N 002E. (02Oct04) (RGA)
- 08942 N554TZ: American Transair B757 Flt No TZ820Y 1525 HF DL Reports 3852N 03541E to ARINC Shannon. (16Oct04) (RGA)
- 08942 SU-GCE: Egyptair A330 Flt MS0778 1906 HF DL Signs on to ARINC Shannon. (02Oct04) (RGA)
- 08942 SU0123: Aeroflot Flt 1859 HF DL Posn 5151N 01816E. (02Oct04) (RGA)
- 08942 SU0299: Aeroflot Flt 1856 HF DL Posn report 4409N 002204E to ARINC Shannon. (02Oct04) (RGA)
- 08942 TZ8161: American Transair Flt 1858 HF DL Posn 5321N 04547W. (02Oct04) (RGA)

08942 VP-BWJ: Aeroflot A319 Flt SU0115 1903 HF DL signs on.
(02Oct04) (RGA)

08942.0 9V-SRL: 1744 USB MWARA SEA-2, Singapore Airlines
9V-SRL, selcal KQPS, working Singapore (now at good levels)
with posn, fuel status and selcal check, the give ETA at
WSSS (Singapore Changi) as 1900 UTC 16/Sep/2004 (TR)

08942.0 atc sea-2: / manilla 1810 USB ee work unid flight
Sep17 04 ML

08942.0 JA8547: 1655 USB MWARA SEA-2, Japan Aircharter
JA8547, selcal EGKM, working very faint Singapore with posn,
wx, fuel status and selcal check 16/Sep/2004 (TR)

08942.0 N9619V: 1704 USB MWARA SEA-2, American N9619V,
selcal CLGJ, repeatedly calling Manila with no joy, Singapore
(now at better levels) breaks in and they report
posn and fuel status, selcal check OK 16/Sep/2004 (TR)

08942.0 PK-GPG: 1832 USB MWARA SEA-2, Garuda Indonesia
PK-GPG, selcal QSGP, working Singapore with posn, wx, fuel
status and selcal check, requesting new flighlevel 360, didn't
get Singapore's reply as they were fading away again
slowly 16/Sep/2004 (TR)

08948 N513AT: American Transair B757 1917 HFDL signs on to
ARINC Las Palmas. (15Oct04) (RGA)

08949.0 GYA: RN NORTHWOOD 1008 FAX 120/576/N/800 spurious
transmission. N/Atlantic svc, weak but readable. Scheduled
charts. Disappeared by 1016z (15/Oct)(DW)

08965.0 PNR400: (Panther 400, DEA Ops, Georgetown Bahamas):
0220 USB/ALE sounding. 23/09 RP3

08965.0 PNR400: (Panther 400, DEA Ops, Georgetown Bahamas):
1746 USB/ALE sounding. 22/09 RP3

08965.0 X61: (US Army UH-60L, prob tail #94-26561, 2-3rd
AVN, Hunter AAF Savannah GA-deployed to OPBAT): 1824 USB/ALE
sounding. 23/09 RP3

08966.3 O/M (SS): 0118 USB w/O/M (SS). 24/08 RP3

08968.0 JTYSR: HF-GCS Yokota 1112 ALE/USB Yokota AFB Japan
SIPRNET acces node (15/10/04) (AJP)

08971 CORTEX 05: Probable USN P-3C 2010 USB calls FIDDLE
(US Navy TSCC, Jacksonville FL) for radio check.
(14Oct04) (CC)

08971 CORTEX 13: Probable USN P-3C 1735 USB calls FIDDLE
(US Navy TSCC, Jacksonville FL) for radio check.
(14Oct04) (CC)

08971 FIGHTING TIGER 22: P-3C VP-8, NAS Brunswick ME 1916
USB wkg GOLDEN HAWK (USN Brunswick TSCC ME). (14Oct04) (CC)

08971 FIGHTING TIGER: P-3C of VP-8 NAS Brunswick ME 2016
USB calling with information for GOLDEN HAWK (USN Brunswick
TSCC, ME) QSL at 2016z. (13Oct04) (CC)

08971 LL30: Unknown 1808 USB calls FIDDLE (US Navy TSCC,
Jacksonville FL) for a radio check in the clear and green
(ANDVT). (14Oct04) (CC)

08971 LL52: Unknown 1850 USB calls FIDDLE (US Navy TSCC,
Jacksonville FL) off the deck at 1855 QSL at 1856.
(14Oct04) (CC)

08971.0 Fiddle: (TSCC, NAS Jacksonville): 1218 USB w/Mad Fox
40 (P3C, VP-5, NAS Jacksonville) w/clear & ANDVT checks.
22/09 RP3

08971.0 Fiddle: (TSCC, NAS Jacksonville): 1754 USB w/711 who
reports encoded=on-deck time. 21/09 RP3

08971.0 Wafer 22: (P-3C, VP-10 NAS Brunswick): 1654 USB
w/Trident 44 (P-3C, VP-26, NAS Brunswick) in clear and ANDVT
comms. 23/09 RP3

08971.0 X3H: (P-3C, NAS Brunswick): 1813 USB calling Golden
Hawk (TSCC, NAS=Brunswick) w/no response. 21/09 RP3

08972.0 SKYWAT: US Army Honduras: 0134 USB ALE
(28/AUG/04) (JLM)

08977 A7-AFO: Qatar Airways A330 Flt QR0612 2125 HF DL
Signs on. (29Sep04) (RGA)

08977 AY2371: Finnair B757 1710 HF DL Posn report 5250N
01629E to ARINC Reykjavik. (04Oct04) (RGA)

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08977 CN-RNX: Royal Air Maroc A321 Flt AT0751 2002 HFDL Signs on. (02Oct04) (RGA)

08977 CZ0485: China Southern Flt 1952 HFDL Reports 5537N 01413E to ARINC Reykjavik. (02Oct04) (RGA)

08977 D-ALCE: Lufthansa Cargo MD11 1832 HFDL Posn 7238N 00725E to ARINC Reykjavik. (04Oct04) (RGA)

08977 D-ALCF: Lufthansa Cargo MD11 1818 HFDL Signs on. (04Oct04) (RGA)

08977 FX0004: Federal Express Flt 1844 HFDL Signs on. (30Sep04) (RGA)

08977 I-VLEH: Volare A330 2123 HFDL Signs on. (29Sep04) (RGA)

08977 N66057: Continental B767 Flt CO0047 1823 HFDL At 6133N 04530W. (04Oct04) (RGA)

08977 N669US: Northwest B747 2134 HFDL Signs on. (29Sep04) (RGA)

08977 OH-LBV: Finnair B757 2013 Flt AY2154 Posn 4151N 003W. (02Oct04) (RGA)

08977 SU-GCE: EgyptAir A330 Flt MS0050 1850 HFDL Signs on. (04Oct04) (RGA)

08977 SU0299: Aeroflot Flt 1710 At 4759N 01817E. (04Oct04) (RGA)

08977 VP-BAX: Aeroflot B767 2036 HFDL Signs on. (02Oct04) (RGA)

08977 VP-BDN: Aeroflot A319 Flt SU0719 2123 HFDL Signs on to ARINC Reykjavik. (29Sep04) (RGA)

08977 VP-BWI: Aeroflot A320 Flt SU0257 2002 HFDL Reports 5544N 01544E to ARINC Reykjavik. (02Oct04) (RGA)

08977 ZS-SNC: SAA A340 Flt SA0212 2136 HFDL Posn 21N 029W. (29Sep04) (RGA)

08977 ZS-SNF: SAA A340 Flt SA0262 2125 HFDL Posn 0422N 02415E. (29Sep04) (RGA)

08977 ZS-SXB: SAA A340 Flt SA0203 1817 HFDL Reports 2258S 02342E to ARINC Reykjavik. (30Sep04) (RGA)

08977.0 Aeroflot SU0215: 0533 HFDL/USB [HFNPDU PERFORMANCE] 05:33:30 UTC Flight ID = SU0215 LAT 56 36 33 N LON 24 24 12 E 26/Aug/2004 (TR)

08977.0 Aeroflot SU0219: 0536 HFDL/USB [HFNPDU PERFORMANCE] 05:36:42 UTC Flight ID = SU0219 LAT 56 6 43 N LON 32 19 39 E 26/Aug/2004 (TR)

08977.0 Aeroflot SU0225: 1712 HFDL/USB [HFNPDU PERFORMANCE] 17:12:40 UTC Flight ID = SU0225 LAT 56 9 1 N LON 32 30 23 E 23/Aug/2004 (TR)

08977.0 Continental CO0022: 0532 HFDL/USB [HFNPDU PERFORMANCE] 05:32:54 UTC Flight ID = CO0022 LAT 53 1 33 N LON 17 41 52 W 26/Aug/2004 (TR)

08977.0 Continental CO0032: 0534 HFDL/USB [HFNPDU PERFORMANCE] 05:34:24 UTC Flight ID = CO0032 LAT 51 59 28 N LON 40 2 9 W 26/Aug/2004 (TR)

08977.0 Continental CO0038: 0537 HFDL/USB [HFNPDU PERFORMANCE] 05:37:40 UTC Flight ID = CO0038 LAT 62 4 53 N LON 16 34 55 W 26/Aug/2004 (TR)

08977.0 Continental CO0042: 0537 HFDL/USB [HFNPDU PERFORMANCE] 05:37:42 UTC Flight ID = CO0042 LAT 49 56 51 N LON 43 59 47 W 26/Aug/2004 (TR)

08977.0 Continental CO0064: 0600 HFDL/USB [HFNPDU PERFORMANCE] 06:00:32 UTC Flight ID = CO0064 LAT 42 51 57 N LON 19 45 27 W 26/Aug/2004 (TR)

08977.0 Continental CO0066: 0536 HFDL/USB [HFNPDU PERFORMANCE] 05:36:38 UTC Flight ID = CO0066 LAT 53 5 46 N LON 9 49 11 W 26/Aug/2004 (TR)

08977.0 Finair AY2747: 0535 HFDL/USB [HFNPDU PERFORMANCE] 05:35:32 UTC Flight ID = AY2747 LAT 59 55 6 N LON 24 52 50 E 26/Aug/2004 (TR)

08977.0 Finair AY901P: 0550 HFDL/USB [HFNPDU PERFORMANCE] 05:50:28 UTC Flight ID = AY901P LAT 60 1 19 N LON 21 51 37 E 26/Aug/2004 (TR)

08977.0 Livingston LVG934: 0535 HFDL/USB [HFNPDU PERFORMANCE]

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PERFORMANCE] 05:35:42 UTC Flight ID = LVG934 LAT 32 59 33
N LON 6 16 19 W 26/Aug/2004 (TR)
08977.0 Lufthansa LH8403: 1711 HF DL/USB [HFNPDU
PERFORMANCE] 17:11:48 UTC Flight ID = LH8403 LAT 54 26 29
N LON 23 44 52 W 23/Aug/2004 (TR)
08977.0 Lufthansa LH8408: 0535 HF DL/USB [HFNPDU
PERFORMANCE] 05:35:36 UTC Flight ID = LH8408 LAT 49 55 51
N LON 20 58 30 E 26/Aug/2004 (TR)
08977.0 Lufthansa LH8410: 0534 HF DL/USB [HFNPDU
PERFORMANCE] 05:34:24 UTC Flight ID = LH8410 LAT 47 6 35
N LON 17 4 47 E 26/Aug/2004 (TR)
08977.0 Qatar Airways QR0001: 1709 HF DL/USB [HFNPDU
PERFORMANCE] 17:09:26 UTC Flight ID = QR0001 LAT 51 41 55
N LON 8 2 17 E 23/Aug/2004 (TR)
08980 1706: USCG HC-130H7 2132 USB Phone patch to Home
plate (Clearwater) with rescue 1706 (USCG HC-130H7) USCG
Camslant Chesapeake, VA Tells 1706 that phone patch unable
have Clearwater on the phone. 1706 wants to know tail number
of the 60J (60160) ETA of the JAY HAWK needs to be speeded
up vessel in headed 07 degrees at 7 knots. Camslant tells 1706
that the JAY HAWK has to refuel in Miami ETA to scene
is 2500 LOCAL 1706 does not understand why 6016 (HH-60J)
(Clearwater) needs to refuel in Navy Key West said they
should make it straight. (12Oct04) (CC)
08980 : Unid *ANDVT* 0443 USB. (03Oct04) (CC)
08980.0 O/M (SS): 2211 USB w/O/M (SS). 04/09 RP3
08983 D6P: Calls CAMSLANT Chesapeake (NMN) 2002 USB To
Secure Radio. (30Sep04) (CC)
08983 D6P: wlg CAMSLANT Chesapeake (NMN) 1932 USB Tells
them they are airborne with 5 pov and tell G5G to secure
radio guard. (30Sep04) (CC)
08983 NMN:CAMSLANT Chesapeake 1920 USB calls CG 2134
(HU-25A) To request they check there receiver and Contact
Panama City to let them know Camslant is securing radio
guard. (30Sep04) (CC)
08983 Oceana Radio: wkg CG 2128 (HU-25A) 1950 USB For
position report Flight ops normal talk to you again in 30
mins. (30Sep04) (CC)
08983 Rescue 1706: USCG HC-130H7 2200 USB calls (USCG
Camslant Chesapeake, VA) with information to pass to D7
about vessel in distress. Captain of vessel (SCARLET IVAN)
has fire under control 1 may not make it lserve burn on
hands and feet and 1 other serve injury request helicopter
and flight surgeon Camslant sending JAY HAWK to vessel. 1706
request phone patch to Home plate (CLEARWATER). Request
Camslant assume Radio Guard has 7pov and position 2313N
8620W and is with the vessel in distress waiting on the JAY
HAWK Vessel is now moving at 14 knots. ETA of 6016 is 2500
local request to know why JAY HAWK is refueling 1 patient
will not make it if they don't speed up. 6016 request 1706
contact them on COTHEN. Camslant tells 1706 that J16 will
contact them on 8983. (12Oct04) (CC)
08983 RESCUE 2121: 2128 USB wkg CAMSLANT re large debris
field including life rafts, the 2121 also dropped DMB's
(Data Marker Buoys). (19 Sep04) (RB)
08983 USCG 2131: HU-25C CGAS Miami 2206 USB calls USCG
Camslant Chesapeake, VA to request radio guard with 5 pov
leaving Miami Air station for training and returning to
Miami Air station. (14Oct04) (CC)
08983.0 USCG CAMSLANT-Chesapeake: 1833z USB wkg CG 2140
(HU-25C, CGAS-Cape Cod) (19/Sep/2004) (ALS)
08983.0 USCG CAMSLANT-Chesapeake: 1834z USB wkg CG 2114
(HU-25A, CGAS-Miami), Ops normal. (19/Sep/2004) (ALS)
08988.0 ---: Unid 2300 FSK 75/850 ACF=0 (29/09/04) (AJP)
08988.0 Unid: 2300 FSK 75/850 ACF=0 (29/09/04) (AJP)
08989.0 ---: Unid 0012 USB SS Blessing of crafts and crew
?? Unid country fishermen (28/09/04) (AJP)
08989.0 Unid: 0012 USB SS Blessing of crafts and crew ??

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08990 Unid country fishermen (28/09/04) (AJP)
AAA: Israeli AF 2011 ALE/USB Sounding.
(01Oct04) (RGA)

08992 AFS: USA-AF Offut AFB, NE EAM (FPDH4F) j3e 1633
23-09-04

08992 AFS: USA-AF Offut AFB, NE EAM (FPMSD4) j3e 1606
23-09-04

08992 AFS: USA-AF Offut AFB, NE EAM (FPZFI6) j3e 1600
23-09-04

08992 BAT 97: wkg USAF Sigonella, Italy 0500 USB For a
phone patch for weather at ETNG - Geilenkirchen, Germany.
(03Oct04) (CC)

08992 EXECUTIVE ONE FOXTROT: Clg MAINSAIL 1744 USB Called
an number of times with no known response and quiet.
(30 Sep 04) (JH)

08992 FORETELL: 28-char EAM 1737 USB FPFC7W preceeding
MCCLELLAN's 1751z HFGCS bcast of same, and simulcasting same
on at least 6697 with nothing heard on 11244 and 13155.
(28 Sep 04) (JH)

08992 FORETELL: EAM Bcast 1755 USB FPFC7W simulcast on at
lest 6697 with nothing heard on 11244 or 13155. H+25/h+55
activity. (28 Sep 04) (JH)

08992 KILO 05: wkg OFFUTT 2004 USB with phone patch for
weather at KIKR (Kirtland AFB) and gone at 2015z.
(13 Oct 04) (JH)

08992 LISTERINE: 28-char EAM 1717 USB FP4BOS preceding
MCCLELLAN's 1726z HFGCS bcast of same with nothing heard on
6697, 11244 or 13155. (22 Sep 04) (JH)

08992 LISTERINE: EAM Bcast 1725 USB FP4BOS simulcast 6697
with nothing heard on 11244 or 13155. H+25/h+55 activity.
(22 Sep 04) (JH)

08992 LOCKHEED 24380(?): Clg MAINSAIL 1601 USB Calls a
couple of times with no known response. (28 Sep 04) (JH)

08992 NOTEBOOK: 28-char EAM 1900 USB U6GNQE with nothing
heard on 6697, 11244 or 13155. (13 Oct 04) (JH)

08992 PROMPTER: 20-char EAM 1708 USB A5ONKU simulcast on
at least 6697 with nothing heard on 11244 or 13155.
(25 Sep 04) (JH)

08992 PROMPTER: 28-char EAM 1731 USB FPVOU6 simulcast on
at least 6697 and 11244 with nothing heard on 13155.
(25 Sep 04) (JH)

08992 PROMPTER: EAM Bcast 1725 USB A5ONKU simulcast on at
least 6697 with nothing heard on 11244 or 13255.
(25 Sep 04) (JH)

08992 PROMPTER: EAM Bcast 1755 USB FPVOU6 simulcast 6697,
11244 and 13155. H+25/h+55 activity. (25 Sep 04) (JH)

08992 RESTRAIN: 28-char EAM 1833 USB U677HV with nothing
heard on 6697, 11244 or 13155. (12 Oct 04) (JH)

08992 SCENARIO: EAMS Bcast 2225 USG Three 28-char EAMS
(DW..., DW... and DWTOCC) with nothing heard on 6697, 11244
or 13155. H+25/h+55 acitvity. (30 Aug 04) (JH)

08992 SODA POP: Clg MAINSAIL 1334 USB Called many times
with no known response. Calls again at 1742z.
(25 Sep 04) (JH)

08992 STARGATE: Clg MAINSAIL 1659 USB Called a number of
times with no known response. (28 Sep 04) (JH)

08992 VICTOR 55: Clg MAINSAIL 1524 USB No known response.
Again at 1504z. (12 Oct 04) (JH)

08992.0 HF-GCS: 0225 USB EE EAM //11244 (14/10/04) (AJP)

08992.0 USAF HF-GCS (Andrews AFB): 1807z USB wkg REACH 693
(USAF AMC Acft) ph patch MacDill AFB Lightning Ops re ETA; 3
hours out; rqsts CS/Ag. (19/Sep/2004) (ALS)

09000.0 unid: 0727 seems like ita2 / 100 Aug28 04 ML

09010 : NATO Air Defence Data System 2246
LINK-11/2250/USB. TADIL-A. In QRM. (07Oct04) (RGA)

09010.0 SCORPIUS (probably Brazilian Air Force): 0003
USB/ALE sounding. 02/09 RP3

09010.0 SCORPIUS: 1º/3º Grupo de Aviação "Escorpião" Boa

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Vista B 05:26 USB/ALE SND Sep-06-2004 (MO)
09010.0 SCORPIUS: B AF 1º/3º Grupo de Aviação Escorpião Boa
Vista 22:40 USB/ALE SND Sep-10-2004 (MO)
09013.0 O/M (SS): 0032 USB w/o/m (SS) passing what appears
to be aircraft/flight tracking data. 18/08 RP3
09022.0 Argentine AF: 2302 USB SS "Condor" clg fligh FA
0961 then QSY to 6697.0 (11/03/03)
09023.0 ---: Unid 2314 FSK 50/500 Encrypted ??
(15/09/04) (AJP)
09023.0 Unid: 2314 FSK 50/500 Encrypted ?? (15/09/04) (AJP)
09025 160018: USAF C-5 0123 ALE/USB wkg OFF/Offutt AFB NE.
(21Sep04) (CC)
09025 190005: USAF C-5 69-0005 2022 ALE/USB Sounding.
(30Sep04) (RGA)
09025 221107: USAF C-17 0128 USB/ALE 01:28 wkg
MCC/McClellan AFB CA. with phonepatch which said SD000 You
have reached an error please check your call and try again
this is a recoding, followed by no one answer the phone no
one was there. (21Sep04) (CC)
09025 450027: USAF KC-10 85-0027 2029 ALE/USB Sounding.
(30Sep04) (RGA)
09025 460034: USAF KC-10 0204 ALE/USB wkg PLA USAF Lajes
Field Azores SCOPE Command. (21Sep04) (CC)
09025 538044: USAF KC-135 0622 ALE/USB wkg AED/USAF
Elmendorf AFB, AK. Followed by AUTO 81 (KC-135) Calling
ELMENDORF Requesting phone patch to NSA DSN 312 xxx xxxx
with no joy. (22Sep04) (CC)
09025 544838: USAF KC-135 64-14838 1801 ALE/USB Sounding.
(23Sep04) (RGA)
09025 591513: USAF KC-135 0649 ALE/USB Sounding.
(22Sep04) (CC)
09025 ADW96: Andrews AFB MD 2052 ALE/USB To: KWK 96: US
Department of State. (04Oct04) (CC)
09025 AF6: USAF SAM 205 1905 ALE/USB. 1905 (04Oct04) (CC)
09025 AF9: USAF VC-25A 1910 ALE/USB Tail # 92-9000.
(04Oct04) (CC)
09025 GUA: USAF Anderson AB, Guam SCOPE Command 0723
USB/ALE (22Sep04) (CC)
09025 JTY: USAF Yokota JAPAN SCOPE Command 0634 USB/ALE
0634 Sounding. (22Sep04) (CC)
09025 LINCE: Mexican Army 0405 ALE/USB TO:
LEOPARDO/Mexican Army. (07Oct04) (CC)
09025 PUMA: Mexican Army 0110 ALE/USB wkg GAVILAN.
(21Sep04) (CC)
09025 TIGRE: Mexican Army 0410 ALE/USB (07Oct04) (CC)
09025.0 537982: (KC-135 # 63-7982): 0309 USB/ALE sounding.
23/09 RP3
09025.0 571436: (KC-135 # 57-1436): 0156 USB/ALE sounding.
23/09 RP3
09025.0 591466: (KC-135 # 59-1466): 1849 USB/ALE sounding.
22/09 RP3
09025.0 E30352: (E-3B AWACS # 77-0352, Tinker AFB): 1809
USB/ALE TO OFF (Offutt AFB). 22/09 RP3
09025.0 ICZ: CRO 0747 ALE snd Aug28 04 ML
09025.0 PLA: (Lajes AFB): 2033 USB/ALE TO 580128 (KC-135 #
58-0128). 22/09 RP3
09025.0 R26661: (probable AH-64): 2229 USB/ALE TO KRUQNG
(Det 2, 130th AVN, North Carolina ARNG, Rowan County
Airport, Salisbury, NC). 22/09 RP3
09031.0 Architect: (RAF Flight watch): 0132 USB w/airfield
color states. 25/08 RP3
09031.0 Architect: (RAF Flight watch): 0230 USB w/RAF
airfield color states. 19/08 RP3
09031.0 Architect: RAF Bampton Castle G 16:14 J3E/U passing
actual WX for UBBBto ASCOT 672 12sept04 (PPA)
09031.0 architect: : RAF Upavon 1214 usb wx for lclk lcp
lqbk 1219z: egqk egnt egvn 06Sep04 (wp3)
09031.0 ASCOT 3252: (Tristar 216 sqn Brize Norton) wkg

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Architect. Mode USB 12:42 Radiocheck etd EGVN 1200/10. 15E
13:30 42E 16:50 Selcall LMBJ. (R)
09031.0 ascot 4937: : RAF transport 1049 usb clg cyprus for
r.c. n.j.06Sep04 (wp3)
09031.0 ascot 4937: : RAF transport 1307 usb clg architect
n.j. 06Sep04 (wp3)
09031.0 ascot 6723: : RAF transport 1026 usb clg architect
for r.c. n.j.06Sep04 (wp3)
09031.0 ascot 9195: : RAF transport 1307 usb clg cyprus n.j.
06Sep04 (wp3)
09031.0 m2d: : RAF 0945 usb clg architect for r.c. , dann
stby for further test 06Sep04 (wp3)
09031.0 m2d: : RAF 1123 usb clg architect for r.c. then req.
wx for egpd(Aberdeen) lgtl (Kasteli mil egqk (Kinloss)
06Sep04 (wp3)
09031.0 nato 05: : Nato AC 1019 usb clg architect for r.c.
requesting pp to waddington .. everything is in place for
you ..then wx for egxc (Coningsby) then sc check kshj
06Sep04 (wp3)
09031.0 RAF Cyprus: 0116 USB w/wx conditions. Caught at sign
off. 24/08 RP3
09031.0 rafair7487: : Royal Air Force 1109 usb clg architect
for r.c. request you contact egqk and confirm the second
aircraft got airborne 1115z:answer and wx req. for licz
(Sigonella) lgtl (Kasteli mil) lgsa (Chania/Souda mil)
06Sep04 (wp3)
09031.0 rafair7492: : Royal Air Force 1237 usb clg architect
for r.c. qsy to 5702 06Sep04 (wp3)
09031.0 rafair: 7496 : Royal Air Force 2010 usb clg
architect for r.c.& #8220;nothing further for you this time
out” 06Sep04 (wp3)
09031.0 trimble 01: (sounds like) : RAF seaking helo 1241
usb operations in bosnia requesting safety of flight ? 3
persons on board 06Sep04 (wp3)
09031.0 vortex 598: : Royal Air Force 1103 usb clg
architect for r.c. n.j.06Sep04 (wp3)
09032 RFR 7484: Unid 1522 USB "This is RFR 7484 for radio
check" repeated 2-3 times. No answer. (15Oct04) (WC)
09033.0 O/M (Arabic mixed w/FF): 0224 USB w/O/M (Arabic
mixed w/FF). Chat was in Maghrebi dialect with "yes", "no" &
numbers in FF. 19/08 RP3
09034.7 : Unid Egyptian Diplo 1738 ARQ Msg from yfdsg/unid
to kdjfkqor/unid. Opchat and offair. (07Oct04) (RGA)
09035.0 Avianca LDOC Colombia: 0031 USB SS Avianca 085 to
San Pablo(13/10/04) (AJP)
09035.0 O/M (SS): 2208 USB w/aircraft (O/M SS) w/flight
info. Possibly Avianca LDOC. 04/09 RP3
09041 5YE: Nairobi Meteo KEN 1908 RTTY/100/850 SYNOPS.
Fair copy. (16Oct04) (RGA)
09041.0 5YE: Nairobi meteo KEN 16:20 ITA2 / 100 / 850 AAXX
PPAA or test RYRYRYDE 5YE 12sept04 (PPA)
09044.0 BAGDAD: US-MIL Baghdad, IRQ 0347 USB/MIL-STD
188-141A, working R26633 (01Sep04) (LDO)
09044.0 T1Z106: 1-106th AVN Balad Airfield, IRQ 0430
USB/MIL-STD 188-141A, sounding (01Sep04) (LDO)
09044.0 T1Z244: 1-244th AVN Camp Anaconda, IRQ 0045 USB/MIL-
STD 188-141A, sounding (01Sep04) (LDO)
09047.0 022NHQCAP: (Nat'l Ops Center, Civil Air Patrol,
Maxwell AFB AL): 0200 USB/ALE sounding. 27/08 RP3
09047.0 022NHQCAP: CAP Nat'l Ops Center Maxwell AFB AL USA
0506 USB/ALE SND 17Aug04 (MO)
09047.0 043MERCAP: (Middle East Region, Civil Air Patrol):
0111 USB/ALE sounding. 27/08 RP3
09047.0 043NHQCAP: CAP Maxwell AFB AL USA 0140 USB/ALE SND
17Aug04 (MO)
09047.0 046NHQCAP: CAP Maxwell AFB AL USA 0431 USB/ALE SND
23Aug04 (MO)
09051.5 Russian Air Defense: ?? 2302 CW (11/10/04) (AJP)

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09052 ADDISABEBA: French Embassy Addis Ababa ETH 0315
ALE/USB TO: BUJUMBURA: French Diplo. (03Oct04) (CC)

09052 CORE7: Venezuela National Guard Commander, Region 7,
Commando 7 0305 ALE/USB wkg CUFAN3: Venezuela National
Guard. (03Oct04) (CC)

09052 CORE7: Venezuela National Guard Commander, Region 7-
Commando 0345 ALE/USB TO: MIRA3@ Venezuela Military Command
at the Presidential Palace. (03Oct04) (CC)

09052 DESTAFAC23: Venezuela National Guard 0330 ALE/USB
TO: CGGTAFAC23@@: Venezuela National Guard. (03Oct04) (CC)

09052.0 ADDISABEBA: F Emb Addis Abeba ETH 0259 USB/ALE TO
BUJUMBURA 19Aug04 (MO)

09052.0 C5F: Venezuelan Gov't Civil Affairs Unit #5-Asunto
Civile VEN 0107 USB/ALE TO CUF OUF 23Aug04 (MO)

09052.0 CER11: MFA Paris F 0940 USB/ALE TO RABAT
18Aug04 (MO)

09052.0 CER41: MFA Paris F 1248 USB/ALE TO LECAIRE
17Aug04 (MO)

09052.0 CGGN: (HQs, Venezuelan National Guard): 0113 USB/ALE
TO MIRA1 (Command Element at Presidential Palace (Palacio de
Miraflores). Also noted on 10272.0 & 10600.0 21/08 RP3

09052.0 CGGN: HQs Venezuelan National Guard VEN 2321 USB/ALE
TO CORE7 22Aug04 (MO)

09052.0 CLC43M: Centro Logistico Comunicaciones VEN 0158
USB/ALE TO MIRA2 18Aug04 (MO)

09052.0 CORE7: (Venezuelan National Guard, Commander Region
7): 0720 USB/ALE TO CGGN (HQs, Venezuelan Nat'l Guard). Also
noted on 10600.0. 15/09 RP3

09052.0 CORE7: Military Region 7 Command Venezuelan Army VEN
2321 USB/ALE TO CGGN 22Aug04 (MO)

09052.0 CUFAN4: CUFAN Unified Command of Armed Forces 2335
USB/ALE TO PORLAMAR 22Aug04 (MO)

09052.0 DESTAFAC23: Detachment 23 Combined Military Forces
Venezuelan National Guard VEN 2332 USB/ALE TO CGGN
22Aug04 (MO)

09052.0 FUF: UNID 23:07 USB/ALE TO CUF Aug-29-2004 (MO)

09052.0 KHARTOUM: (French Embassy, Sudan): 0359 USB/ALE TO
BUJUMBURA (French Embassy, Burundi). 15/09 RP3

09052.0 LECAIRE: F Emb Cairo EGY 1252 USB/ALE TO CER41
17Aug04 (MO)

09052.0 RABAT: F Emb Rabat MRC 1938 USB/ALE TO CER11
19Aug04 (MO)

09053.0 Unid: 1125 CW Single letters. Bad CW
(15/10/04) (AJP)

09067.7 unid: EGY diplo 17:00 sitor-A / 100 / 170 ATU-A
operator chat , noidentification 12sept04 (PPA)

09068.0 unid: Russian navy station 07:41 BEE 36-50 / 50 /
250 encryptedtraffic 12sept04 (PPA)

09070 2101: Unid 2018 ALE/USB Sounding. (02Oct04) (RGA)

09081.5 B7Z101: ("B" Coy, 7/101st Avn, Ft Campbell KY): 0245
USB/ALE sounding. 19/08 RP3

09081.5 B7Z101: (Coy "B", 7/101st Avn, Ft Campbell KY): 1408
USB/ALE sounding. 04/09 RP3

09081.5 B7Z101: B Coy 7/101st Avn Ft Campbell KY USA 0345
USB/ALE SND 19Aug04 (MO)

09081.5 KFMHNG: Nat'l Guard unit Otis ANGB Mass USA 0528
USB/ALE SND 19Aug04 (MO)

09081.5 T7Z101: 7/101st Avn Ft Campbell KY USA 0648 USB/ALE
SND 20Aug04 (MO)

09085.0 CESYP: Comando Especifico de San Andrés y
Providencia CLM 2340 LSB/ALE TO PROVIDENCIA 20Aug04 (MO)

09085.0 CTGENA: CLM Ny CLM 2247 LSB/ALE TO CARIBE
25-Aug-04 (MO)

09085.0 PIJAO: Colombian Navy PIJAO-class submarine Pijao
SS-28 CLM 2327 LSB/ALE TO CARIBE 20Aug04 (MO)

09091.0 ESQI: unid CIS military 07:19 A1A + ITA2/ 45,45 /500
cw callup DE ESQIQC into rtty sending a 5F message no
header ending SKSK 12sept04 (PPA)

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09098.6 unid: NATO military 16:30 STANAG 4285 / 2400 / 3K encrypted traffic 12sept04 (PPA)
09100 IOMMAZ: International Organisation for Migration Mazar-i-Sharif AFG ALE/LSB Sounding. (02Oct04) (RGA)
09106.0 KGD34A: NCC Arlington VA USA 0018 USB/ALE TO NNN0ELA 24-Aug-04 (MO)
09110 NMF: USCG Boston MA USA 1912 FAX/120/576 Good pressure chart 55W to 80W followed by '24 Hour wind & wave Forecast' (Atlantic). (16Oct04) (RGA)
09110 NMF: USCG Boston MA USA 2125 FAX/120/576 Surface Analysis (Good copy) (Part 1 NE Atlantic Ocean). //12750 6340.5. (01Oct04) (CC)
09110 NMF: USCG Boston MA USA 2125 USB FAX/120/576 Surface Analysis (Good copy) (Part 1 NE Atlantic Ocean). //12750 6340.5. (01Oct04) (CC)
09110.0 NMF: USCG Boston USA 07:56 F1C / 120 / 576 weak signal faded picture 12sept04 (PPA)
09122.5 T1Z131: AL NG & G24000, AL NG Hello: 1912 USB ALE & voice. Voice calls OPERATIONS & GUARD 240 (22/SEP/04) (JLM)
09124.0 AMMAN: F Emb Amman JOR 0833 USB/ALE TO ABUDHABIB 18Aug04 (MO)
09134.6 FDI22: French Airforce Narbonne 1548 Rtty 50Bd/85Hz CH-Marker: "VVV DE FDI22 ARRL" (03/SEP/04) (KK)
09147.3 O/M (SS): 0027 USB w/O/M (SS). Caught at sign off-- says they will talk again tomorrow. 29/08 RP3
09157.0 HEC: Berne radio SUI 07:37 GW-FACTOR / 100 / 200 channel free marker 12sept04 (PPA)
09164.9 HLL: Seoul meteo KOR 17:10 F1C / 120 / 576 good signal but faded picture 12sept04 (PPA)
09169.0 Russian Navy: 1153 T600/36-50 off at 1154 (15/10/04) (AJP)
09190 JU10: MRC-Police c1g [JU12] ALE 1706 22-09-04 [SW]
09190 JU11: MRC-Police c1g [JU10] ALE 1658 22-09-04 [SW]
09190 JU12: MRC-Police c1g [JU10] ALE 1923 22-09-04 [SW]
09190 JU17: MRC-Police c1g [JU10] ALE 1714 22-09-04 [SW]
09190 MDN: MRC-Police c1g [JU15] ALE 1704 22-09-04 [SW]
09190 BNA: Naval Base Amario 2245 ALE/USB TO: G12/Venezuelan Coast Guard Frigate "General Jose Trinidad Moran". (14Oct04) (CC)
09190 BNG Naval Base Guiterrez 2250 ALE/USB TO: G12 (Venezuelan Coast Guard Frigate "General Jose Trinidad Moran"). (14Oct04) (CC)
09190.0 DHN: (Venezuelan Navy's Direccion de Hidrografia y Navegacion): 0405 USB/ALE TO PRI (River Patrol Craft "Lago1" PBR-1). 15/09 RP3
09190.0 JU10: Unid [TO] [HN12] [TIS] [JU10] 1834 ALE 18-aug-04 (SE)
09190.0 JW90: Unid [TO] [HN12] [TIS] [JW90] [AL0] 1828 ALE 18-aug-04 (SE)
09200.0 FREDGAS: Washington Gas & Light Company, Frederick MD USA 04:59 LSB/ALE SND Aug-30-2004 (MO)
09200.0 GRASSY: Washington Gas & Light Company Grassey Lick Kirby WV USA 00:01 LSB/ALE SND Aug-30-2004 (MO)
09200.0 GRASSY: Washington Gas & Light Company Grassey Lick Kirby WV USA 0258 LSB/ALE SND 26-Aug-04 (MO)
09200.0 RADIO Washington Gas & Light Company: USA 0101 LSB/ALE SND 26-Aug-04 (MO)
09200.0 Unid: 1137 Stanag4481? FSK 75/850. Possible Japanese Mil. ACF= (15/10/04) (AJP)
09206.5 unid: British military 16:38 Piccolo12 / 20 / 250 encrypted traffic 12sept04 (PPA)
09207.0 unid: Russian PTT 16:45 ISB / CIS PSK / 1280 / 1K4 not decoded 12sept04 (PPA)
09212 COLOGNE: Rohde & Schwarz Cologne, D 1110 USB/MIL-STD 188-141A sounding (13Oct04) (LDO)
09212 MUNICH: Rohde & Schwarz HQ Munich, D 1720 USB/MIL-STD 188-141A c1ng COLOGNE (12Oct04) (LDO)
09212 PARIS: Rohde & Schwarz Paris, F 0843 USB/MIL-STD

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188-141A calling MUNICH (13Oct04) (LDO)
09230 000021001: Prob Greek Military 1732 ALE/USB Calls
0000210288. 0000210302 and 000021078 also seen. Heavily used
frequency. (23Sep04) (RGA)
09230 BAGDAD: US Army Deployed 1745 ALE/USB Sounding. Also
seen: T507 T82AA/82 Abn Div US Army Deployed T498AA/498 Med
Co R26066 & R23999/US Army Helicopters T2Z1ID/1 Inf Div 2
Brigade US Army deployed. (23Sep04) (RGA)
09230 R23999: Poss US Army UH-60A 2008 ALE/USB Repeatedly
calling T498AA/498 Med Co US Army deployed. Also BAGDAD
sounding. (30Sep04) (RGA)
09230 T2Z1ID: 1 Infantry Div 2 Brigade US Army Deployed
2009 ALE/USB Sounding. Also T82AA/82 Abn Div Deployed.
(02Oct04) (RGA)
09230 T498AA: 498 Med Co US Army Deployed 1955 ALE/USB
Sounding. (02Oct04) (RGA)
09230 T498AA: 498 Med Coy US Army Deployed 2028 ALE/USB
Sounding. (01Oct04) (RGA)
09230.0 0000210488: Unid poss Grc [TWS] [0000210488] 2028
ALE 19-aug-04(SE)
09230.0 0000210503@@: unid presumed Turkish or Greek mil
07:02 ALE/USB THIS IS 0000210503@@ 5/sept04 (PPA)
09230.0 000021050: Unid poss Grc [TWS][000021050] 2052 ALE
19-aug-04(SE)
09230.0 BAGDAD: US-MIL Baghdad, IRQ 1917 USB/MIL-STD
188-141A, sounding (02Sep04) (LDO)
09230.0 P2Z1ID: Unid [TWS][P2Z1ID][AL0] 2034 ALE
19-aug-04(SE)
09230.0 P2Z1ID: Unid [TWS][P2Z1ID]1920 ALE 21-aug-04(SE)
09230.0 T2Z1ID: Unid [TWS][T2Z1ID]2002 ALE 21-aug-04(SE)
09230.0 T498AA: Unid [TWS][T498AA][AL0] 2045 ALE
19-aug-04(SE)
09230.0 T498AA: Unid [TWS][T498AA][AL0] 19 03 ALE
21-aug-04(SE)
09230.0 T507: Unid [TWS][T50][AL0] 1825 ALE 21-aug-04(SE)
09230.0 T82AA: Unid [TWS][T82AA] 2032 ALE 19-aug-04(SE)
09234.0 TY80: unid CIS mil 06:57 A1A QSA check with Y53R
5/sept (PPA)
09245.5 BAVARIANOPS: US-Army Katterbach(?) D 2330 USB/ALE
SND 18Aug04 (MO)
09247.5 unid: presumed French OTHR 16:50 15 khz width puls
signal , ENIGMAdesignator XWP 12sept04 (PPA)
09250.0 ABUDHABABD: Norwegian embassy Abu Dhabi, UAE 0256
USB/MIL-STD 188-141A/MIL-STD 188-110B, short data traffic to
Kabul (12Sep04) (LDO)
09250.0 AFGHANIABD: Norwegian embassy Kabul, AFG 0256
USB/MIL-STD 188-141A/MIL-STD 188-110B, short data tfc. to
Abu Dhabi (12Sep04) (LDO)
09256 1 ALPHA HOTEL BRAVO: Prob USN 1727 USB Calling any
station. (13Oct04) (CC)
09256 : Unid. Prob USN 1856 USB Test 1 2 3 Test out Then
went to ANDVT Then in clear voice 1 ALPHA HOTEL BRAVO
calling any station on this net These guys are having radio
problems. (13Oct04) (CC)
09256 BERRY TECH CONTROL: Prob USN 1915 USB Any station
this net This is BERRY TECH CONTROL (they are still having
radio problems) USB 1915 (13Oct04) (CC)
09260.0 unid: Ionosonde 17:40 F0N / 20 K sweeping from
9250-9270 with 90 sweeps per minute 12sept04 (PPA)
09262.0 unid: UKR military UKR 17:35 ITA2 / 50 / 500
encrypted trafficafter zzzzz 12sept04 (PPA)
09295.0 ALBNY: (National Guard, Albany NY): 1859 USB/ALE TO
JTNNY (National Guard, Johnstown NY). 26/08 RP3
09295.0 ALBNY: COMM1, JTNNY, MACST, NYC02NG, PACST, TFESP &
TFGFR, NY National Guard units: various times USB ALE
(03/SEP/04) (JLM)
09295.0 BNGNY: Nat'l Guard Bureau Binghamton NY USA 0430
USB/ALE SND 18Aug04 (MO)

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09295.0 EAATS: (Eastern Army Aviation training Site, Muir AAF, Ft Indiantown Gap PA): 0016 USB/ALE sounding. 12/09 RP3

09295.0 JTNNY: (Nat'l Guard unit, Jamestown NY): 1334 USB/ALE sounding. 28/08 RP3

09295.0 JTNNY: NY State Emergency Ops Jamestown NY USA 0454 USB/ALE SND 19Aug04 (MO)

09295.0 RCHNY: (Nat'l Guard, Rochester NY): 0014 USB/ALE sounding. 12/09 RP3

09295.0 RCHNY: Nat'l Guard Bureau Rochester NY USA 0521 USB/ALE SND 20Aug04 (MO)

09295.0 RVHNY: (Nat'l Guard unit, Riverhead NY): 0039 USB/ALE sounding. 19/08 RP3

09295.0 RVHNY: Nat'l Guard unit Riverhead NY USA 0425 USB/ALE SND 17Aug04 (MO)

09295.0 STINY: NY State Emergency Ops Staten Island NY USA 0447 USB/ALE SND 23Aug04 (MO)

09295.0 SYRNY (Nat'l Guard unit, Syracuse NY): 0212 USB/ALE sounding. 02/09 RP3

09295.0 SYRNY: (National Guard, Syracuse NY): 1807 USB/ALE sounding. 26/08 RP3

09315 HR: Sonatrach Oil/Gas Hassi R'Mel ALG ALE/USB Sounding. (30Sep04) (RGA)

09315.0 OHT ALG SONATRACH: Oil & Gas Operations c/g various stns [TFT] =Fouye Tabankort, Alg 2021[BORMA] Hamadet El Borma 2023 [GT] Alg Gassi =Touil, Alg 2036 [ALR]Alrar, Alg 2040 [REB] Rebaa, 2042 ALE 19-Aug-04 =20

09395.5 LAT1: Unid 1755 ALE/USB Calls LAT3. (23Sep04) (RGA)

09395.5 SMOK: Polish Military Deployed 1952 ALE/USB wkg PAPA5. (02Oct04) (RGA)

09403.0 85 TANGO ROMEO: ECHO 42 & others in net: 1434 USB voice (24/SEP/04) (JLM)

09403.0 X947: C4TK, UNID, maybe related to voice net also on frequency: 1434 USB ALE (24/SEP/04) (JLM)

09630.0 UNID: station with brief data transmission. Very strong signal: 1615 USB (20/SEP/04) (JLM)

09958.0 AAAC32: Royal Army 0946 USB ALE/MIL-188-141A c/g MSN3 (16/SEP/04) (KK)

09958.0 AAAC32: Royal Army 1022 USB ALE/MIL-188-141A c/g MSN5 (16/SEP/04) (KK)

09970 MSN1: UNID Royal Signals unit, ??? 1114 USB/MIL-STD 188-141A c/g AAAC32, exercise rel. activity (18Sep04) (LDO)

09970 MSN3: UNID Royal Signals unit, ??? 1108 USB/MIL-STD 188-141A c/g AAAC32, exercise rel. activity (18Sep04) (LDO)

09970 MSN4: UNID Royal Signals unit, ??? 0934 USB/MIL-STD 188-141A c/g AAAC32, exercise rel. activity (19Sep04) (LDO)

09970 MSN5: UNID Royal Signals unit, ??? 0724 USB/MIL-STD 188-141A c/g AAAC32, exercise rel. activity (19Sep04) (LDO)

09970.0 MSN1: UNID Royal Signals unit, ??? 1114 USB/MIL-STD 188-141A c/g AAAC32, exercise rel. activity (18Sep04) (LDO)

09970.0 MSN3: UNID Royal Signals unit, ??? 1108 USB/MIL-STD 188-141A c/g AAAC32, exercise rel. activity (18Sep04) (LDO)

09970.0 MSN4: unid (British MIL - by LDO) 2048 USB/ALE calls MSN5 with results. Quite active QRG(20-sept-2004)(MSM)

09970.0 MSN4: UNID Royal Signals unit, ??? 0934 USB/MIL-STD 188-141A c/g AAAC32, exercise rel. activity (19Sep04) (LDO)

09970.0 MSN5: UNID Royal Signals unit, ??? 0724 USB/MIL-STD 188-141A c/g AAAC32, exercise rel. activity(19Sep04) (LDO)

09996.0 RWM: Moscow, RUS, 0430, CW, time signals, 19/8/2004 (CK)

10024.0 CENAMER: (MWARA SAM-1): 0019 USB w/flight 0104 (O/M SS) w/position report. 18/08 RP3

10033.0 MIAMI RDO (LDOC): 2031z USB wkg BISCAYNE 132, ETA Cherry Point MCAS 2238z with 5 SOB; mentions Oklahoma City. (11/Oct/2004) (ALS)

10033.0 MIAMI RDO: 2143z USB wkg AMERIJET 610: selcal HKCL; ph patch to Dispatch; gets permit 0884 to overfly through Cuban airspace; calls again at 2147 for corrected permit no. (11/oct/2004) (ALS)

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10040.0 o/M Arabic): 0017 USB w/o/M (Arabic). 18/08 RP3
10051 GANDER RADIO: Gander NF CAN (VOLMET) 2253 USB OM
with 2200z METARS for Canadian Airfields. (07Oct04) (RGA)
10051.0 TRENTON MILITARY: 2058z USB: VOLMET, wx at Halifax,
etc. (11/Oct/2004) (ALS)
10051.0 VOLMET (GANDER Rdo): 1658z USB, announcing wx.
(11/Oct/2004) (ALS)
10075 OH-LBR: Finnair B757 Flt AY2720 2228 HFDL Reports
4428N 02859E to ARINC Bahrain. (19Sep04) (RGA)
10075.0 at751: (royal air maroc)- qr423 / 156 1740 HFDL
work muhurroq Aug3104 ML
10075.0 ay1792: -cv796 (cargolux) 1740 HFDL work muhurroq
Aug31 04 ML
10075.0 1h8415: -msr800 (egyptair) -tz4080 (american trans
air) HFDL1740 work muhurroq Aug31 04 ML
10075.0 su108: / 114 / 519 / 247 / 123 / 109 / 257 1740 HFDL
work muhurroq Aug31 04 ML
10087.0 1h8444: / 8418 -ay1012 /2415 above iceland (ohl-bv
/mqab) 1705 hfdl work krasnoarsk Aug31 04 ML
10087.0 su247: /276 -1705 hfdl work krasnoarsk Aug31 04 ML
10090.0 Taskent VOLMET: 1108 USB very weak signal with
flight wx in English, nothing heard on //13279
4/Sep/2004 (TR)
10099.5 DDK9: DWD Kiel, D, 0620, RTTY 50/400, meteo,
9/8/2004 (CK)
10100.8 DDK9: DWD Pinneberg GER 1725 RTTY/50/450 TX freqs
and calls. (25/09/2004) (JA)
10100.8 DDK9: HAMBURG MET 2033 RTTY 50/N/450 Met tfc in WMO
sunop format, then SHIP (BBXX) (18/Oct)(DW)
10120.0 SP1: Brazilian Navy 2250 ALE/USB clg BR1 and MS1
(22/09/04) (AJP)
10125.0 CIO2: 1640 AM / (05/Oct/2004) (in3qbr)
10136.2 unid: (egy air defense ??) 0828 arq-e/46,2 zczc
kaa790 wka790 88
10151.5 E02: & c11: 1931 USB ALE (19/AUG/04) (JLM)
10160 6001: Turkish Red Crescent Stn 1930 ALE/USB
Sounding. (30Sep04) (RGA)
10162.0 043MERCAP: CAP Middle East Region USA 0126 USB/ALE
SND 18Aug04 (MO)
10162.0 046NHQCAP: CAP Maxwell AFB AL USA 0434 USB/ALE SND
17Aug04 (MO)
10165.0 no-call: Rus. intel, RUS 2010 BAUDOT 200.33Bd/500Hz,
auto broadcasting "null" message to 162 (04Sep04) (LDO)
10166.4 VCT: Globe wireless Tor's Cove NF CAN 1633 GLOBEDATA
Idling. (16Oct04) (RGA)
10168.7 : Unid Egyptian Diplo 2301 ARQ Msgs in ATU80.
Opchat. Offair. Poor copy. (07Oct04) (RGA)
10182 IKZ040: UNID Polish MIL, POL? 0827 USB/MIL-STD
188-141A, calling RAT038 (12Oct04) (LDO)
10182 ODM036: UNID Polish MIL, POL? 0826 USB/MIL-STD
188-141A, calling RIE039 (12Oct04) (LDO)
10182 OLI021: UNID Polish MIL, POL? 0729 USB/MIL-STD
188-141A, calling RAT038 (12Oct04) (LDO)
10182 TOP022: UNID Polish MIL, POL? 0827 USB/MIL-STD
188-141A, calling RIE039 (12Oct04) (LDO)
10182 WIE028: UNID Polish MIL, POL? 1350 USB/MIL-STD
188-141A, calling OLI021 (12Oct04) (LDO)
10186.1 FUG: French Navy La Regine, F 0812 FSK 300Bd/850Hz,
non stop encrypted tfc., slightly over-modulated signal
(05Sep04) (LDO)
10190 7: Unid 1934 ALE/USB Sounding. Not much to go on
there. Multi-user freq. (30Sep04) (RGA)
10194 : NATO Air Defence Data System 2127 LINK-11/2250/ISB
TADIL-A. (08Oct04) (RGA)
10198.5 no-call: Dep. of State Comms Moscow, RUS 1212 PSK +
MFSK, switching between 25-tone parallel tone PSK-modem and
32-tone/40Bd MFSK, Crowd36 (12Sep04) (LDO)
10206.2 Alfa-X-Ray DRAX: A 60 "GORCH FOCK" [MS Mürwik/Kiel]

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- 1755 USB wkg Five-Eight: DHJ58 GNY Gluecksburg, D
(26/SEP/04) (KK)
- 10206.2 Delta-Tango DRDT: U-26 [S 175] [3. UG Eckernförde]
1808 USB/STANAG-4285 wkg Five-Eight: DHJ58 GNY Gluecksburg,
D (26/SEP/04) (KK)
- 10206.2 dhj58 : Glücksburg Radio 0911 usb/stanag4582 very
heavy tfc with 1 priority and 8 routine tfc to drdt
26Sep04 (wp3)
- 10206.2 dhj58: Glücksburg Radio 0911 usb/stanag4582 very
heavy tfc with 1 priority and 8 routine tfc to drdt
26Sep04 (wp3)
- 10206.2 drdt : german submarine U26 / S 175 0910
usb/stanag4582 qso dhj58 Glücksburg Radio 26Sep04 (wp3)
- 10206.2 drdt: german submarine U26 / S 175 0910 usb/stanag4582 qso
dhj58 Glücksburg Radio 26Sep04 (wp3)
- 10207.8 INAS30P: Algerian oil station In Amenas ALG 19:05
ALE/USB THIS IS INAS30P 2/sept04 (PPA)
- 10211 INAS30P: Sonatrach Net In Amenas ALG 1947 ALE/LSB
Sounding. (02Oct04) (RGA)
- 10215.0 Unid: 0407 FSK 75/250 ACF=0 (06/10/04) (AJP)
- 10235.0 Unid: 0422 CW 5LG ending DFFIN DFFIN
(06/10/04) (AJP)
- 10240.0 no-call: UNID Ukrainian MIL, UKR? 1305 BAUDOT
50Bd/200Hz, encrypted tfc. after zzzzzzzzz, msgs signed by
"KAPRALOW" (04Sep04) (LDO)
- 10250.0 Unid: 1630z USB ship-shore comms.
(19/Sep/2004) (ALS)
- 10251 : Russian Military 2130 REVS/50/240 36-50 in 50 Baud
idle. Then two msgs. PTGSS and PGSDA leadins.
(08Oct04) (RGA)
- 10251.0 Unid: 0435 T600/36-50 Possible Russian Mil
(06/10/04) (AJP)
- 10272.0 CORE7: (Military Region 7 Command, Venezuelan Army):
2306 USB/ALE TO CUFAN3 (Unified Command of Armed Forces).
18/08 RP3
- 10272.5 no-call: Bavarian Fed. Police Munich, D 0530
USB/FARCOS 1800Bd, tfc. to unlocated station (Berlin?)
(17Aug04) (LDO)
- 10273.5 OEY41: Austrian MIL station, AUT 0606 USB/MIL-STD
188-141A tfc. to OEY52 (17Aug04) (LDO)
- 10273.5 OEY41: AUT Mil AUT 1324 USB/ALE TO OEY52
24-Aug-04 (MO)
- 10273.5 OEY52: Austrian MIL station, AUT 0606 USB/MIL-STD
188-141A tfc. to OEY81 and OEY41 after cing NETZ2 [=
collective call] (17Aug04) (LDO)
- 10273.5 OEY52: AUT Mil AUT 1327 USB/ALE TO OEY81
24-Aug-04 (MO)
- 10273.5 OEY81: Austrian MIL station, AUT 0606 USB/MIL-STD
188-141A tfc. to OEY52 (17Aug04) (LDO)
- 10273.5 OEY81: AUT Mil AUT 0711 USB/ALE TO OEY52
24-Aug-04 (MO)
- 10275 RNOUSLR1: Algerian Sonatrach Net Rhourde Nouss LR1
Pipeline 1923 ALE/LSB Sounding. (30Sep04) (RGA)
- 10284 POL: Unid 1500 CW MCW hand keyed 5F cut: vvv kaw kaw
kaw de pol pol pol msg (rptd). nr 047 nr 047 ck 82 ck 82 = =
5n5u5 47dt4 a5ta3 ... 644tn 34nnn 4tnat ar ar znn va ee.
(23Sep04) (IB)
- 10285 RNOUSLR1: Sonatrach Net Rhourde Nouss LR1 Pipeline
ALG 1631 ALE/LSB Sounding. Also sounding on 10275 kHz USB.
(23Sep04) (RGA)
- 10295 : Unid 1733 UNID Digital multitone signal.
(25/09/2004) (JA)
- 10308 : Russian Military 1626 MS-5/1440/DPSK/USB Pre-
cipher tones. (07Oct04) (RGA)
- 10308 RIT: Baltic Fleet HQ Severomorsk 2011 MS-5/4800/USB
Setup tones. // 5416. Establishes comms later on 10943.3 and
10356 and warship becomes audible. (12Oct04) (RGA)
- 10310.6 TLFUY: UNID French Navy station, F? 1937 USB/MIL-STD

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- 188-141A, c1ng DUFUY (09Sep04) (LDO)
10321.0 unid: UKR military station 18:57 ITA-2 / 50 / 500
Encrypted messages before and after ZZZZ 2/sept/04 (PPA)
10333.5 BLIAVA: Naval Russia ship station (RCVB) (66601)
2215 ARQ with brief traffic. (06Oct04) (CC)
10344.0 no-call: MFA Bern, SUI 1755 USB/MIL-STD
188-141A/MIL-STD 188-110A serial tone, encrypted tfc. to
unlocated embassy, ALE traffic with linking protection
(10Sep04) (LDO)
10353 SDG: Unid 1636 ALE/USB calls SDA. (23Sep04) (RGA)
10353 SDG: Unid 1936 ALE/USB wkg SDA. (30Sep04) (RGA)
10365.0 unid: CIS railway station 18:47 81-81/40,5/500
encrypted messages
10375.0 PLS: Rom. MOI Ploesti 0837 USB ALE/MIL-188-141A c1g
TAR Targoviste (03/SEP/04) (KK)
10390.0 0200: UNID Corpo Carabinieri station, I 1757
USB/MIL-STD 188-141A sounding (08Sep04) (LDO)
10408 T1Z106: 1 Bat 106 Avn Regiment US Army Deployed 1931
ALE/USB Sounding. (30Sep04) (RGA)
10408.0 BAGDAD: US-MIL Baghdad, IRQ 1818 USB/MIL-STD
188-141A, sounding (30Aug04) (LDO)
10408.0 R00933: US Army CH-47D Chinook, IRQ 1954 USB/MIL-STD
188-141A, wknng T1Z106 (03Sep04) (LDO)
10408.0 T1Z106: 1-106th AVN Balad Airfield, IRQ 1954
USB/MIL-STD 188-141A, working R00933 [=CH-47D #93-00933]
(03Sep04) (LDO)
10413.0 ---: Russian Mil 2245 MS5 12 tones + 3300Hz pilot
tone (28/09/04) (AJP)
10413.0 Unid: Russian Mil 2245 MS5 12 tones + 3300Hz pilot
tone (28/09/04) (AJP)
10440 0200: Italian Carabinieri Net 1633 ALE/LSB Sounding.
(23Sep04) (RGA)
10481.0 no-call: UNID MIL network, 1300 USB/STANAG 4539
2400Bd, auto data link tfc (21Aug04) (LDO)
10492.0 Unid: 0329 FSK 75/200 (06/10/04) (AJP)
10502.0 KIN: Angolan Emb Kinshasa ZAI 19:44 USB/ALE SND
Aug-26-2004 (MO)
10502.0 KIN: Angolan Emb Kinshasa ZAI 2043 USB/ALE SND
21Aug04 (MO)
10535.0 Russian Navy: 1054 T600/36-50 (04/10/04) (AJP)
10536 CFH: CanForce Halifax NS CAN 1633 FAX/120/576 Reasonable
chart. Some lining from QRM. (07Oct04) (RGA)
10536 CFH: CanForce Halifax NS CAN 2145 RTTY/75/850 TAFNS
CWHF 082113 from CFMC Halifax. (08Oct04) (RGA)
10536.0 CFH: canf 2120 FAX surface analysis chart
Aug21 04 ML
10537.0 N8520Q: possible aircraft, calling PATRICK SUPPORT &
BASE OPS: 1453 USB voice (20/SEP/04) (JLM)
10555.0 VMW: wiluna met 1814 FAX wind chart Sep07 04 ML
10556.0 Unid: Russian mil 1350 MS5 system 12 tones + 3300Hz
pilot tone (04/09/04) (AJP)
10559.2 : NATO System 1642 STANAG-4285/2400/USB 600 bps data
with long interleave. Usual continuous pseudo-random cipher
stream. (07Oct04) (RGA)
10595.0 128: unid 2121 USB/ALE calls "114714 114"
(19-sept-2004) (MSM)
10598.5 unid: British military station 18:35 Piccolo-12
encrypted messages 2/sept 04 (PPA)
10598.5 Unid: Unid 0020 Piccolo 12 tones (25/08/04) (AJP)
10609.3 moscow met: 1509 FAX pressure chart Sep04 04 ML
10610.9 : Moscow Meteo 1645 FAX/120/576 Good clean chart
with clear fine detail. 'Kopitsevaya Karta 07/10/04'.
(07Oct04) (RGA)
10610.9 Unid: Moscou meteo 1402 Fax 120 Hard to copy by low
level (04/09/04) (AJP)
10615.0 Argentine Army: 1810 LSB Feeders LS4 programs (AM
590khz) (30/09/04) (AJP)
10616.7 RT67: Argentine Army (Possible LRT67) 1150 Packet

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300 "RT67>VC73 (Possible LVC73) sending file
(29/09/04) (AJP)
10648.0 YHF: Mossad ISR 18:27 R3E/U end of messages
2/sept04 (PPA)
10671 : Rus. intel, RUS 1020 BAUDOT 200.33Bd/500Hz, auto
broadcasting multi figure group message to recipient "118"
(16Oct04) (LDO)
10683.0 PANTHR: 0219 USB ALE (03/SEP/04) (JLM)
10683.0 PNR400: 1854 USB ALE (20/SEP/04) (JLM)
10692.1 CODRU763: Ukrainian MoD, UKR 1703 USB/MIL-STD
188-141A/HARRIS AVS scrambled phone patch tfc to FMP
(08Sep04) (LDO)
10692.1 FMP: Ukrainian Contingent Al-Kut, IRQ 1703 USB/MIL-
STD 188-141A/HARRIS AVS scrambled phone patch tfc via
CODRU763 (08Sep04) (LDO)
10709.2 MT1: Unid 1750 Packet 300 MS12>MT1 Brasil ?
(27/09/04) (AJP)
10709.2 MT1: unid 2055 Packet 300Bd/300Hz to MT3 (S:RR r3p)
(20/SEP/04) (KK)
10709.2 MT1: Unid: 1750 Packet 300 MS12>MT1 Brasil ?
(27/09/04) (AJP)
10711.0 RJ1: (Brazilian Army, Rio de Janeiro): 2325 USB/ALE
TO BR1 (HQs Brazilian Army, Brasilia). 01/09 RP3
10711.0 RJ1: BN Rio de Janeiro 1758 ALE/USB Clg CJ1, BR1,
SP1 Then serial modem short interleave (28/09/04) (AJP)
10711.0 RJ1: BN: Rio de Janeiro 1758 ALE/USB Clg CJ1, BR1,
SP1 Then serial modem short interleave (28/09/04) (AJP)
10715.0 CUBAN NUMBERS STATION: 2027z USB Five-digit groups
in Spanish. (11/Oct/2004) (ALS)
10718.7 RRSNTL: Radio Remote Station Natal, B 2033 Packet
300Bd/300Hz TO: RRSRCE: Receife (16/SEP/04) (KK)
10718.7 RRSRCE: Radio Remote Station Receife B 2040 Packet
300Bd to RRSPTA Petrolina (20/SEP/04) (KK)
10718.7 RRSRCE: Radio Remote Station Receife B 2111 Packet
300Bd to RRSNTL Natal (20/SEP/04) (KK)
10718.7 RRSRCE: Radio Remote Station Recife B 2045 Packet
300Bd to RRSBUS Guarulhos (20/SEP/04) (KK)
10725.0 unid: 1915 USB span d/x phone dial? Sep07 04 ML
10729 : Russian Military 1635 MS-5/4800/USB Idle tones and
cipher. (16Oct04) (RGA)
10730 DAROLAMCMD: US-MIL Camp Dar-ol-Aman, AFG 0057
USB/MIL-STD 188-141A, working PHOENIXCMD (25Sep04) (LDO)
10730 MP21CMD: 21st MP Company Kandahar, AFG 2149 USB/MIL-
STD 188-141A, wkng PHOENIXCMD (19Sep04) (LDO)
10730 MP5CMD: 5th MP Company?, AFG 1500 1446 USB/MIL-STD
188-141A, working PHOENIXCMD (18Sep04) (LDO)
10730 PHOENIXCMD: US-MIL Camp Phoenix/Kabul, AFG 1500
USB/MIL-STD 188-141A, working MP5CMD (18Sep04) (LDO)
10730 POLECHACMD: US-MIL Camp Pol-e-Charki, AFG 2105
USB/MIL-STD 188-141A, working PHOENIXCMD (19Sep04) (LDO)
10730.0 DAROLAMCMD: US-MIL Camp Dar-ol-Aman, AFG 0057
USB/MIL-STD 188-141A, working PHOENIXCMD (25Sep04) (LDO)
10730.0 MP21CMD: 21st MP Company Kandahar, AFG 2149 USB/MIL-
STD 188-141A, wkng PHOENIXCMD (19Sep04) (LDO)
10730.0 MP5CMD: 5th MP Company?, AFG 1500 1446 USB/MIL-STD
188-141A, working PHOENIXCMD (18Sep04) (LDO)
10730.0 PHOENIXCMD: US-MIL Camp Phoenix/Kabul, AFG 1500
USB/MIL-STD 188-141A, working MP5CMD (18Sep04) (LDO)
10730.0 POLECHACMD: US-MIL Camp Pol-e-Charki, AFG 2105
USB/MIL-STD 188-141A, working PHOENIXCMD (19Sep04) (LDO)
10733.6 KCA30: US Department of State ? 0317 USB/ALE TO
KBF95 25-Aug-04 (MO)
10733.6 KRH54: US Department of State 2219 USB/ALE SND
22Aug04 (MO)
10733.6 K VX53: US Department of State 1219 USB/ALE TO K VX50
18Aug04 (MO)
10733.6 KWA80: US Department of State ? 0755 USB/ALE TO
KXV45 25-Aug-04 (MO)

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10733.6 KWR91: UNID 0822 USB/ALE TO KWR93 18Aug04 (MO)
10733.6 KWy55: US State Dept Stn 1932 ALE/USB Sounding.
(02Oct04) (RGA)
10733.6 KXV45: UNID 1308 USB/ALE TO KWA54 19Aug04 (MO)
10746 SAB: Globe Göteborg SWE 1650 GLOBEDATA Idlers.
(07Oct04) (RGA)
10780.0 Cape Radio, Cape Canaveral AFS FL: 2243z USB wkg AIR
TRANSPORT 300 (USAF Contract Airlines); rqsts info passed to
destination Ascension re Antigua departure at 2202z, ETA
Ascension at 0525z, 8 crew, 26 pax, 42402 lb cargo.
(19/Sep/2004) (ALS)
10785 : Unid 0005 MIL-STD 188-110 1200 Short
serial.Encrypted. (03-10-04) (AD)
10788.0 ---: Unid 0402 118-110 serial mosem short
interleave 1200bd Possible USCG (25/09/04) (AJP)
10788.0 Unid: 0402 118-110 serial mosem short interleave
1200bd Possible USCG (25/09/04) (AJP)
10816.0 LTA: Argentine Army 1705 CW Clg some stn QSX ? Bad
hand CW hard to decode (28/09/04) (AJP)
10825.0 ADDISABEBA: F Emb Addis Abeba ETH 0300 USB/ALE TO
BUJ 19Aug04 (MO)
10825.0 AMMAN: [TO][ABUDHABI][TIS][AMMAN] 1431ALE
16-aug-04(SE)
10825.0 AMMAN: F Emb Amman JOR 1236 USB/ALE TO ABUDHABI
18Aug04 (MO)
10825.0 AMMAN: French Embassy Amman JOR 1241 ALE/USB Calls
ABUDHABI emb. (21-aug-2004)(MSM)
10825.0 CER11: MFA Paris F 1251 USB/ALE TO RABAT
18Aug04 (MO)
10825.0 CER41: MFA Paris F 1532 USB/ALE TO LECAIRE
22Aug04 (MO)
10825.0 LECAIRE: F Emb Cairo EGY 1532 USB/ALE TO CER41
22Aug04 (MO)
10825.0 RABAT: F Emb Rabat MRC 2129 USB/ALE TO CER11
17Aug04 (MO)
10830 T2Z238: 2-238 AVN US Army Tuzla BIH 1920 ALE/USB
Sounding. (30Sep04) (RGA)
10830.0 R23696: UNID ? 1008 USB/ALE TO T2Z238 24-Aug-04 (MO)
10830.0 T2Z238: 2/238th Avn IN NG Shelbyville IN USA 0825
USB/ALE TO R23306 17Aug04 (MO)
10842.0 AAA: UNID Israeli AF ground station, ISR 1102
USB/MIL-STD 188-141A, wkng B55 (29Aug04) (LDO)
10842.0 B55: UNID Israeli AF aircraft, 1102 USB/MIL-STD
188-141A, working AAA (29Aug04) (LDO)
10871.7 SD: MX Beacon 1640 CW 10871.7-D Magadan; 10871.9-s
Arkhangelsk. (16Oct04) (RGA)
10871.8 P: chnl mkr "P" Rus-N 1400 A1A 16-aug-04(SE)
10872 D: MX Beacon Odessa 0019 CW // 16332 13528 8495
7039. (30 Aug 04) (WC)
10872 S: MX Beacon Arkhangelsk 0605 CW // 13528 16332
20049. (15Oct04) (WC)
10872 S: MX Beacon Arkhangelsk 0610 CW // 20049 13528.
(27 Sep 04) (WC)
10872.0 unid: musical repetitive sound 1928 CW ?? Sep09 04 ML
10914.5 ERMBEL: B Navy Belém B 2208 USB/ALE TO BTLCMC1
20Aug04 (MO)
10945.0 CFH: canf 1937 ITA2/75 naws de Sep09 04 ML
10987.0 Unid: Unid 1535 CW (21/08/04) (AJP)
10993.6 : Unid 2103 ANDVT/USB (06Oct04) (CC)
10993.6 : Unid 2151 USB/ANDVT. (30Sep04) (CC)
10995.6 FDI 22: (French AF, Narbonne): 0040 CW w/traffic.
15/09 RP3
11155.0 rit : rus Navy Baltic Fleet 1301 cw ris96 de
rit gap k 1305: clg rcjd qsa ? k 1504z: clg rla88 then
rjk84 , 1543z: ral59 1550z: 5fg 020kt04 (wp3)
11010 NEBRSL: Brazillian Trg Ship 'Brasil' (U-27) 1902
ALE/USB Repeatedly calling ERMNAT/ Brazillian Naval Radio
Natal. (02Oct04) (RGA)

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11010 ZLO: RNZN Irirangi 1659 BR6028-MODEM in USB. Apparently synchronous and enciphered. Tks Peter Polestra and BB for correct ident. (07Oct04) (RGA)

11010.0 CVJACE: B Ny B 0024 USB/ALE TO ERMGRD 26-Aug-04 (MO)

11010.0 ERMRIO: (Brazilian Navy Radio Station, Rio de Janeiro): 0050 USB/ALE TO NTMRJO (Brazilian Navy Oiler "Marajo", G-27). 12/09 RP3

11010.0 NEBRSL: unid 1831 MIL-STD 188/141A TO: ERM TO: ERM TO: ERM TO:ERMNAT TO: ERM TO: ERM TO: ERMNAT THIS IS: NEB THIS IS: NEB THIS IS:NEBRSL 20Aug04 (wp3)

11030 VMC: Charleville AUS 2253 FAX/120/576 48 Hr. Southern Hemisphere Surface prog (no readable copy) (01Oct04) (CC)

11030 VMC: Charleville AUS 2253 FAX/120/576 48 Hr. Southern Hemisphere Surface prog (no readable copy). (01Oct04) (CC)

11036 DDH9: DWD Pinneberg GER 1739 RTTY/50/450 Meteo message. (25/09/2004) (JA)

11039.0 DDH8: (Hamburg Meteo): 1958 RTTY 50/450 w/wx. 15/09 RP3

11039.2 UNID: station with 5 letter groups: 1953 425/50R Baudot (21/SEP/04) (JLM)

11049.7 egypt emb: 1746 ARQ selcal xbvp?? Sep11 04 ML

11090 KVM70: Honolulu Met 1640 FAX/120/576 Pac cyclone chart. (30/Sep/04) (RH2)

11120.0 FDY: French Air Force 2256 RTTY 50/400 Test tape (25/08/04) (AJP)

11120.0 unid: 1923 USB port d/x Sep07 04 ML

11123 : RN Secure Bcast System 1641 NATO-75/75/850 KG84. // 9000. (16Oct04) (RGA)

11155 RIT: HQ Baltic Fleet Severomorsk 1703 CW RHY73 de RIT QSA? K. Then RMZW de RIT QSA2 K. QRU K. R K. RAL59 de RIT AS K. RLA88 de RIT QSA? QTC K. RIT 32 27 7 2003 322 = SML = 4291 8051 ... 0062 2974 = AR RIT K. OK QRU. RAL59 de RIT K. RAL59 de RIT QRR3 QDW 5444 OK? K. (RAL59 active on 5444). RKW95 de RIT QSA? QTC K. RIT 994 33 7 2003 994 = SML = 2487 5070 ... (to RKW95). Very busy circuit. Exercise? (07Oct04) (RGA)

11168.6 KBF US: Department of State ? 0645 USB/ALE TO KCA30 24-Aug-04 (MO)

11168.6 K VX53: US Department of State 1140 USB/ALE TO KRH68 20Aug04 (MO)

11168.6 K VX56: US Department of State 1211 USB/ALE TO K VX53 18Aug04 (MO)

11168.6 KWR US: Department of State ? 0604 USB/ALE TO KWR98 25-Aug-04 (MO)

11168.6 KWR91: UNID 0811 USB/ALE TO KWR98 18Aug04 (MO)

11168.6 KWR98: UNID 0811 USB/ALE TO KWR91 18Aug04 (MO)

11168.6 KWX99: US Department of State ? 0641 USB/ALE TO K VX53 24-Aug-04 (MO)

11168.6 K WY28: US Department of State ? 1831 USB/ALE SND 25-Aug-04 (MO)

11168.6 K WY55: UNID 2234 USB/ALE SND 18Aug04 (MO)

11175 CHARLIE OSCAR 31: USA-Af wkg Croughton, rdo chk. J3e 1854 22-09-04 [SW]

11175 REACH 215: USA-Af wkg Croughton, tail no. 65-0261. J3e 1842 22-09-04 [SW]

11175 DUKE 250: Clg MAINSAIL 1855 USB ANDREWS replies, DUKE 250 request 2 phone patches to Raymond 21 and CORBUS OPS? ETA 3 hrs to CORBUS OPS. (05Oct04) (CC)

11175 E1F: Clg MAINSAIL 1745 USB Called once with no known response and unheard since. (30 Sep 04) (JH)

11175 ETHLY 31: (USAF KC-135) 1951 USB Calls LAJES AFB, AZORES with no reply. (05Oct04) (CC)

11175 FLORIDA SUNSHINE: 1727 USB Calling for a radio check with no reply. (05Oct04) (CC)

11175 LL52: Unid 1839 USB Calls ANDREWS AFB, MD for radio check. (14Oct04) (CC)

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11175 NAVY 515: Calling MAINSAIL for a radio check. TIME??? USB PUERTO RICO replies have you weak but readable. (05Oct04) (CC)

11175 NAVY 515: Clg MAINSAIL 1910 USB Call once with no known response and quiet. (30 Sep 04) (JH)

11175 OFFUTT: USAF Offutt AFB NE 0500 USB with EAM (X3OZAT). (03Oct04) (CC)

11175 PNR400: OPBAT Base Georgetown 1952 ALE/USB. (05Oct04) (CC)

11175 REACH 1001: Clg PUERTO RICO 1841 USB For request, needs weather for LAJES AFB for 2100 ETA landing. (05Oct04) (CC)

11175 SHARK 80: C-130 1843 USB Calls ANDREWS AFB, MD for a phone patch to DSN 740-9562 to COR OPS ETA 2250 was told to kick in the after burners and hurry up. (14Oct04) (CC)

11175 SPAR 28: Clg MAINSAIL 2318 USB Raised PUERTO RICO for a phone patch (weather). (30 Sep 04) (JH)

11175 STARGATE: Clg MAINSAIL 1658 USB For a signal check. Raised BAT 97 (or ???AT 97); and to say that STARGATE had been trying to raise MAINSAIL for the past half hour with no joy. (08 Oct 04) (JH)

11175.0 7YK: unid 1045 USB wkg Croughton (15/SEP/04) (KK)

11175.0 McClellan: 2114 USB w/EAM preamble only (J4G3NE) for Purple Ivy.=14/09 RP3

11175.0 PNR400: (Panther 400, DEA Ops, Georgetown Bahamas): 2111 USB/ALE=sounding. 14/09 RP3

11175.0 PNR400: Panther 400, DEA Georgetown Bahamas 1048 USB ALE/MIL-188-141A snd (15/SEP/04) (KK)

11175.0 Reach 6012: 0141 [type?] call Offutt PP Travis AFB, CA - got wx for Travis at 0315Z 22sept04 (RR)

11175.0 USAF HF-GCS (Andrews AFB): 2129z USB wkg REACH 186T (USAF AMC Acft); Ph patch for wx. (19/Sep/2004) (ALS)

11175.0 USAF HF-GCS (Andrews AFB): 2240z USB wkg REACH 0456 (C-5A 70-0456, Travis AFB 60AMW); ph patch to Dover AFB CP; estimates blocks at 0030z, 26 pax, rqsts quick-turn. (19/Sep/2004) (ALS)

11175.0 USAF HF-GCS (Offutt AFB): 1800z USB wkg REACH 693 (USAF AMC Acft) ph patch re 1745z departure. (19/Sep/2004) (ALS)

11175.0 USAF HF-GCS (Offutt AFB): 1913z USB wkg REACH 5250 (C-141B #65-0250, Wright Patterson AFB 445AW), ph patch WPAFB "Buckeye Ctrl" CP, estimates blocks at 2030z. (11/Oct/2004) (ALS)

11175.0 USAF HF-GCS (Puerto Rico): 0155z USB, wkg BLUE 72; ph patch DSN 698-7788 Bangor Ctrl, 3 hrs out, 7 crew, 0 pax/cargo. (11/Oct/2004) (ALS)

11175.0 USAF HF-GCS: 1758z USB wkg RESEARCHER 674 (NP-3D #149674, Patuxent; Naval Research Labs) calls repeatedly for radio check; very L&C; no joy. (19/Sep/2004) (ALS)

11175.0 USAF HF-GCS: Offutt AFB 1751z USB wkg REACH 4004 (USAF AMC Acft); Acft does not respond. (19/Sep/2004) (ALS)

11184 A6-ERF: Emirates A340 1146 HFDL Signs on. (16Oct04) (RGA)

11184 A7-ACB: Qatar Airways A330 1407 HFDL Signs on. (14Oct04) (RGA)

11184 A7-ACH: Qatar Airways A330-200 Flt QR0036 1213 HFDL At 4544N 00846E. ICAO ID 240560. (06Oct04) (RGA)

11184 B-6016: China Eastern A320-200 1141 HFDL Signs on. ICAO ID 26059E. (16Oct04) (RGA)

11184 B-6051: China Eastern A340 1456 HFDL Signs on to ARINC Reykjavik. (14Oct04) (RGA)

11184 B-6052: China Eastern A340-600 1435 HFDL Signs on. (16Oct04) (RGA)

11184 CN-RNY: Royal Air Maroc A321 1529 HFDL Posn 3603N 00503W. (16Oct04) (RGA)

11184 CO0051: Continental Flt 1043 HFDL At 5325N 00124W. (06Oct04) (RGA)

11184 CZ0485: China Southern Flt 1039 HFDL At 6128N

04857E. (16Oct04) (RGA)
11184 D-ALCG: Lufthansa Cargo MD11F 1241 HFDL Signs on.
(14Oct04) (RGA)
11184 D-ALCK: Lufthansa Cargo MD11F Flt LH8280 1041 HFDL
At 4410N 07918W. (06Oct04) (RGA)
11184 F-GYAS: Air France A319 Flt AFR0577 1407 HFDL Signs
on. (14Oct04) (RGA)
11184 F-GYAS: Air France A319 Flt AFR576 1203 HFDL Signs
on. (16Oct04) (RGA)
11184 G-VSHY: Virgin Atlantic A340 'Madam Butterfly' Flt
VS0005 1127 HFDL At 5128N 00028W. (06Oct04) (RGA)
11184 I-LIVA: Livingstone A321 1717 HFDL Signs on.
(14Oct04) (RGA)
11184 I-LIVB: Livingstone A321 Flt LVG753 1615 HFDL Signs
on. (14Oct04) (RGA)
11184 N668US: Northwest B747 Flt NW0017 1907 HFDL Signs
on. (10Oct04) (RGA)
11184 N68061: Continental B767-424ER Flt CO0029 1239 HFDL
Reports 5519N 00352W to ARINC Reykjavik. (14Oct04) (RGA)
11184 N69059: Continental B767-400 Flt CO0051 1154 HFDL
Signs on from 5401N 01540W. ICAO ID FBB495. (06Oct04) (RGA)
11184 N76055: Continental B767 1841 HFDL Signs on.
(10Oct04) (RGA)
11184 OH-LBO: Finnair B757 Flt AY2708 1136 HFDL At 4931N
02601E. (06Oct04) (RGA)
11184 OH-LBS: Finnair B757 Flt AY2719 1728 HFDL Signs on
to ARINC Reykjavik. (10Oct04) (RGA)
11184 SU-GCE: EgyptAir A330 Flt MSR77 1525 HFDL Signs on.
(16Oct04) (RGA)
11184 SU-GCE: EgyptAir A330 Flt MSR777 0941 HFDL Posn
report 3537N 02254E to ARINC Reykjavik. (16Oct04) (RGA)
11184 SU-GCE: EgyptAir A330 Flt MSR799 1154 HFDL Signs on
to ARINC Reykjavik from 46N 00701E. (06Oct04) (RGA)
11184 VP-BDM: Aeroflot A320 1610 HFDL ICAO ID 1E8002.
Signs on. (14Oct04) (RGA)
11184 VP-BWE: Aeroflot A320 1040 HFDL Signs on to ARINC
Reykjavik. (06Oct04) (RGA)
11184 VP-BWH: Aeroflot A320 Flt SU0291 1846 HFDL At 5456N
03648E. ICAO ID 9A8002. (10Oct04) (RGA)
11184 ZS-SFD: SAA A319 Flt SA0287 1856 HFDL Acks msg from
SAA Ops Johannesburg. (10Oct04) (RGA)
11184 ZS-SND: SAA A349 1746 HFDL Acks msg no 01966 relayed
from Ops Johannesburg via Reykjavik. (14Oct04) (RGA)
11184 ZS-SNF: SAA A340 1033 HFDL Acks message no 10916
from SAA Ops in Johannesburg. (06Oct04) (RGA)
11186.5 Unid: 1950 RTTY 75/850 w/repeating test or
encryption KQQQQQQQQQOWPCQC111111191111111917. 15/09 RP3
11196.0 NOJ: USCG Kodiak AK USA 0752 USB/ALE SND
19Aug04 (MO)
11203.4 MDN: Ministère de la défense nationale Algiers, ALG
0713 USB/MIL-STD 188-141A tfc. to HN50 (15Oct04) (LDO)
11207 T1Z137: 1-137th AVN Camp Bondsteel, SCG 1300
USB/MIL-STD 188-141A, sounding (15Oct04) (LDO)
11226 IKF: US NAS Keflavik ICE 2002 ALE/USB Sounds.
(06Oct04) (RGA)
11226.0 CRO: (Croughton): 2002 USB/ALE TO 020109 (probable
C-17). 22/09 RP3
11232 HUSKER 1461: USM KC-135R 173rd ARS/155th ARW
Nebraska ANG, Lincoln (KLIN) 1808 USB Calls TRENTON Military
Region 42 for selcal check (KPRS). (06Oct04) (CC)
11232 RAZOR 33: J-Star E-8C Robins AFB GA 1747 USB (in
sector 6- Southeastern US) calls TRENTON Military for phone
patch to DSN 497-3260 PEACHTREE (ROBINS AFB GA) for request
for early return due to software and computer problems eta
to field 1845z USB 1740 (14Oct04) (CC) also noted on 293.525
Razor 33 discussing some problems with Peachtree about radar
inop and early return around 1845. (15Oct04) (CC)
11232 RAZOR 42: E8C 1824 USB Calls TRENTON Military for

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- phone patch to DSN: 770-XXX-XXXX with no joy. Try
678-???-???? was asked if this was a standard Op Call.
(06Oct04) (CC)
- 11232 RAZOR 81: J-Star E-8C Robins AFB GA) 1804 USB calls
TRENTON Military for phone patch for phone patch to DSN
497-3260 and DSN 497-3733 PEACHTREE (ROBINS AFB GA) RHENT 95
(KC-135) found someone else to take gas. RAZOR 81 ok for
early return to PEACHTREE at 1500 local landing.
(14Oct04) (CC)
- 11232.0 CANFORCE-Trenton Military: 2145z USB wkg CANFORCE
2851 (CC-130); is told CANFORCE 3220 is en route Comox;
13257 is secondary. (19/Sep/2004) (ALS)
- 11232.0 TRENTON MIL: 1645z USB, wkg CANFORCE 3224
(Bagotville CFB, Quebec), gets wx at LEZG (Zaragoza AB,
Spain), QSY to 13257. (11/Oct/2004) (ALS)
- 11232.0 TRENTON MILITARY: 2013z USB wkg CANFORCE 2600
(C-130), gets wx for CYPW (Powell River a/p, Canada).
(11/oct/2004) (ALS)
- 11244 BREAK RIDE: 28-char EAM 0226 USB X3YF4Z with nothing
heard on 13155, 8992 or 6697. (09 Oct 04) (JH)
- 11244 BREAK RIDE: 28-char EAM 0232 USB X3A5JD preceding
MCCLELLAN's 0236z HFGCS bcst of same, and simulcasting same
on at least 6697 with nothing heard on 8992 or 13155.
(09 Oct 04) (JH)
- 11244 BREAK RIDE: EAM Bcast 0240 USB X3A5JD, simulcasting
same on at least 6697 with nothing heard on 8992 or 13155.
H+10/h+40 activity similar to CELESTIAL on UTC 07 Oct 04. Up
again at 0310z. (09 Oct 04) (JH)
- 11244 CELESTIAL: 28-char EAM 0254 USB X3NDFH with nothing
heard on 6697, 8992 or 13155. Some brief voice chatter was
heard at 0528z. (07 Oct 04) (JH)
- 11244 FLETCHER: Unknown EAM 0412 USB (Missed preamble)
with nothing heard on 8992. (14 Oct 04) (JH)
- 11244 PACK RAT(?): 28-char EAM 0338 USB U6CKWC with
nothing heard on 6697, 8992 or 13155. 11244 was again
active at 0340z with PACK RAT (weak/readable) bcsting the
same string, with nothing heard on 13155, 8992 or 6697.
(13 Oct 04) (JH)
- 11244.0 usaf mc clellan: id 0615 USB y1 eam Sep25 04 ML
- 11247.0 Architect: (RAF Flight watch): 2200 USB w/airfield
status report. 04/09 RP3
- 11247.0 raf architect: 1258 USB airfields wx Sep19 04 ML
- 11253.0 RAF VOLMET: 2025z USB weather. (11/Oct/2004) (ALS)
- 11253.0 RAF VOLMET: RAF Brampton, G, 1540, USB,
16/8/2004 (CK)
- 11256.0 ldoc ethiopian airlines: ?1958 USB ee with buzzing
selcal work 636 approaching 1315 "mechanical support
needed..." Sep08 04 ML
- 11256.0 Y/L (Amharic/EE): 0156 USB w/aircraft (O/M
Amharic/EE) w/position report. Ethiopian Airlines LDOC.
02/09 RP3
- 11279.0 Gander: (MWARA NAT-D): 1440 USB w/American 55
w/position report. 22/09 RP3
- 11279.0 st petersburg vm: 0707 USB russ y1 Sep04 04 ML
- 11280.0 O/M (IT): 0024 USB w/O/M (IT) in what sounds to be
familiar conversation. 29/08 RP3
- 11280.0 O/M (IT): 0027 USB w/O/M (IT). 18/08 RP3
- 11282.0 AAA: UNID Israeli AF ground station, ISR 1001
USB/MIL-STD 188-141A, sounding (05Sep04) (LDO)
- 11282.0 B55: UNID Israeli AF aircraft, 1126 USB/MIL-STD
188-141A, sounding (29Aug04) (LDO)
- 11285.0 4X-ELC: 1519 USB MWARA SEA-1, EL AL 4X-ELC,
selcal HMCK, working Chennai with posn and selcal check,
requesting wx for VOMM (Chennai Intl) 18/Sep/2004 (TR)
- 11285.0 atc mid-2: male 1941 USB ee work unid flight
Sep09 04 ML
- 11285.0 atc sea-1: chennai 1857 USB pos unid flight
Sep17 04 ML

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11285.0 B-MAH: 1612 USB MWARA SEA-1, Air Macau B-MAH, selcal JPFC, working Singapore with posn, wx, fuel status and selcal check, requesting routing confirmation 18/Sep/2004 (TR)

11285.0 D-ALCL: 1630 USB MWARA SEA-1, Lufthansa D-ALCL, selcal MSKP, working Chennai with posn and selcal check, requesting new flightlevel, Chennai advises to maintain F390 and selcal watch 18/Sep/2004 (TR)

11285.0 EC-EXG: 1513 USB MWARA SEA-1, Iberia EC-EXG, selcal BQHP working Male (very faint) with posn, fuel status and selcal check 18/Sep/2004 (TR)

11285.0 N325FX: 1633 USB MWARA SEA-1, Flexjet N325FX, selcal LRJM, working Chennai with posn and selcal check 18/Sep/2004 (TR)

11285.0 tc sea-1: chenai 1943 USB ee work unid flight Sep09 04 ML

11297 SANKT PETERBURG: St Petersburg VOLMET 1643 USB YL in Russian. (16Oct04) (RGA)

11297.0 Rostov VM: 1125 USB RR WX report (15/10/04) (AJP)

11297.0 Rostov VOLMET: 1058 USB flight wx in Russian from female OP, apparently read live, no tape, a phone rang in the background until someone took it and had a good laugh... 4/Sep/2004 (TR)

11297.0 St. Petersburg VOLMET: 1105 USB flight wx in Russian by female OP for East- and West-European airports, no tape, lots of paper shuffling audible 4/Sep/2004 (TR)

11300.0 atc afi-3/: kharthoum 1929 USB ee work mauritius 45 Sep15 04ML

11300.0 atc afi-3/: tripoli 1924 USB ee work speedbird 123 /b747 / heathrow> mauritius Sep15 04ML

11300.0 KLM 566: 2155 USB calling Khartoum (MWARA AFI-3). 15/09 RP3

11300.0 MWARA-New York: 2040z USB wkg N64MA; hands off to San Juan's 134.3. (19/Sep/2004) (ALS)

11300.0 MWARA-New York: 2041z USB wkg RED COMET 941; hands off to Miami's 132.3 and backup 135.2. (19/Sep/2004) (ALS)

11300.0 MWARA-New York: 2044z USB wkg US AIR 98; reports nav fix GRANN at 2044z, FL400, handoff to 8846 primary, 6577 secondary. (19/Sep/2004) (ALS)

11300.0 MWARA-New York: 2047z USB wkg BRITANNIA 421B; clearance and routing to Manchester A/p. (19/Sep/2004) (ALS)

11300.0 MWARA-New York: 2050z USB wkg FCA 8880; reports over nav fix CHOCK, next GRANN at 2102z; selcal BHDM; secondary 8918. (19/Sep/2004) (ALS)

11300.0 MWARA-New York: 2208z USB wkg FCA 8880; handoff to 8906. (19/Sep/2004) (ALS)

11300.0 Tripoli (MWARA AFI-3): 0125 USB w/aircraft 572 (EE/AR) w/position=report. Tripoli hands him off to Cairo in Arabic. 05/09 RP3

11309 REACH 948Y: USA-Af wkg New York, posn rpt 26n50w 2103, 25n55w 2142, nxt 23n60w fl 340. J3e, 2205 19-09-04 [SW]

11309.0 MWARA NAT-E (NY Rdo): 0220z USB, wkg AMERICAN 66; Pos rep. (11/Oct/2004) (ALS)

11309.0 MWARA NAT-E (NY Rdo): 0225z USB, wkg AIR FRANCE 663; clrd to FL330. (11/Oct/2004) (ALS)

11309.0 Santa Maria ATCC: 09010.0 190026 (C-5 # 69-0026): 0253 USB/ALE sounding. 24/09 RP3

11315 C01946: Continental Flt 1953 HF DL Signs on to Riverhead NY from 5738N 01738W. (07Oct04) (RGA)

11315 N14115: Continental B757 2010 HF DL Signs on. (07Oct04) (RGA)

11315 N513AT: American Transair B757 1851 HF DL Signs on. (16Oct04) (RGA)

11315 N57852: Continental B757-324 1906 HF DL Signs on to Riverhead. (01Oct04) (RGA)

11315 N592HA: Hawaiian Air B767-300 'Hunakai' 1724 HF DL Signs on to ARINC Riverhead NY. (16Oct04) (RGA)

- 11315 N661US: Northwest B747 2013 HF DL Signs on. (07Oct04) (RGA)
- 11315 N67157: Continental B767 2006 HF DL Signs on to ARINC Riverhead NY. (07Oct04) (RGA)
- 11315 N675NW: Northwest B747 Flt NW69 2022 HF DL Posn 4413N 08454W. (07Oct04) (RGA)
- 11315 N675NW: Northwest B747-451 2001 HF DL Signs on. (07Oct04) (RGA)
- 11315 N70153: Continental B767 Flt CO0043 1941 HF DL Posn 5014N 06004W. (16Oct04) (RGA)
- 11315 N73152: Continental B767 1944 HF DL Signs on to ARINC Riverhead NY. (16Oct04) (RGA)
- 11315 NW17: Northwest Flt 2011 HF DL Posn 5042N 08343W. (07Oct04) (RGA)
- 11315 SA0212: SAA Flt 1903 HF DL Reports 3109N 06044W to ARINC Riverhead NY. (01Oct04) (RGA)
- 11318.0 Novosibirsk VM: 1140 USB RR WX report QRM from ARINC-13 Bolivia (15/10/04) (AJP)
- 11318.0 Samara VM :1147 USB RR WX report QRM from ARINC-13 Bolivia (15/10/04) (AJP)
- 11318.0 Samara VOLMET: 1115 USB flight wx in Russian by female OP, no tape or computer voice, barely audible on //8888 due to French QRM 4/Sep/2004 (TR)
- 11318.0 Syktyvkar VOLMET: 1101 USB flight wx in Russian from female OP, this one sounded much more like a tape or computer voice 4/Sep/2004 (TR)
- 11318.0 Unid: Arinc 13 Bolivia 2345 HF DL Squitters (22/08/04) (AJP)
- 11318.0 Yakaterinburg VM: 1137 USB RR WX report QRM from ARINC-13 Bolivia (15/10/04) (AJP)
- 11330.0 MWARA CAR-B (NY Rdo): 1637z USB, wkg AMERICAN 2051, handoff to Miami's 135.7. (11/Oct/2004) (ALS)
- 11330.0 MWARA CAR-B (NY Rdo): 1950z USB, wkg AIR EUROPA 063, Selcal ARFK. (11/Oct/2004) (ALS)
- 11330.0 MWARA CAR-B (NY Rdo): 1951z USB, wkg N284QS, Pos rep. (11/Oct/2004) (ALS)
- 11330.0 MWARA-New York: 2202z USB wkg TEAL 99 (Hurricane Hunter WC-130, Keesler AFB 403W 53WRS), handed off to Miami Ctr's 135.075. (19/Sep/2004) (ALS)
- 11330.0 MWARA-New York: 2205z USB wkg JOSA/CORSAIR 069, clearance, routing to EGPF (Glasgow). (19/Sep/2004) (ALS)
- 11330.0 MWARA-New York: 2225z USB wkg REACH 947 (USAF AMC Acft); back on course; handed off to Miami Ctr's 132.3. (19/Sep/2004) (ALS)
- 11330.0 MWARA-New York: 2227z USB wkg EXPO 811; clearance, routing to EGKK (Gatwick, UK). (19/Sep/2004) (ALS)
- 11330.0 MWARA-New York: 2234z USB wkg YV 462CP (Mesa Airlines); clearance, routing to KEWR (Newark IAP). (19/Sep/2004) (ALS)
- 11345 STOCKHOLM RADIO: LDOC 1647 USB YL wkg ALITALIA 686 with wx for TAPA TFFR SVMI. Then connects "NP" to landline. Conversation in Spanish. Then works NRD362 in Finnish (?) (16Oct04) (RGA)
- 11345 STOCKHOLM RADIO: LDOC Stockholm SWE 1730 USB YL in brief comms check with 'LXMMC' or 'LXMMC'. (07Oct04) (RGA)
- 11384 SU0114: Aeroflot Flt 1814 HF DL Posn report 5555N 03703E to ARINC Shannon. (01Oct04) (RGA)
- 11384 VP-BDK: Aeroflot SU0109 A320 1825 HF DL Signs on. (01Oct04) (RGA)
- 11387 Australian VOLMET 1231 USB VOLMET, Australian VOLMET, with aviation wx for Australian airports and pacific area in English, looks like Sidney IDs as 'Australian VOLMET' now, or maybe this is a new TX site??? Very faint also on //6676 kHz 16/Oct/2004 (TR)
- 11387.0 vm kolkata: 2035 USB Sep17 04 ML
- 11387.0 vm sidney: 1943 USB wx Sep17 04 ML
- 11396.0 MWARA CAR-A (NY Rdo): 1640z USB, wkg SPRINGBOK 212 (South African Airways), radio check. (11/Oct/2004) (ALS)

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- 11396.0 MWARA CAR-A (NY Rdo): 1949z USB, wkg AMERICAN 674, routing. (11/Oct/2004) (ALS)
- 11396.0 MWARA-New York: 1610z USB wkg TEAL 54 (Hurricane Hunter WC-130, Keesler AFB 403W 53WRS), Reports will be in storm (Hurricane Jeanne) environment for next three hours. (19/Sep/2004) (ALS)
- 11396.0 MWARA-New York: 1620z USB wkg TEAL 54 (Hurricane Hunter WC-130, Keesler AFB 403W 53WRS), estimates GRATX nav fix at 1900z (19/Sep/2004) (ALS)
- 11396.0 MWARA-New York: 1820z USB wkg TEAL 54 (Hurricane Hunter WC-130, Keesler AFB 403W 53WRS), rqsts 26-00 North, 72-46 West at 1847z, then climb to FL240, then direct to nav fix GRATX, then RTB Keesler AFB; handed off to Miami Ctr's 134.8 at GRATX. (19/Sep/2004) (ALS)
- 11396.0 MWARA-New York: 1830z USB wkg TEAL 99 (Hurricane Hunter WC-130, Keesler AFB 403W 53WRS), reports Ops Normal at 27-19 North, 71-32 West. (19/Sep/2004) (ALS)
- 11402.0 022NHQCAP: CAP Natl Ops Center Maxwell AFB AL USA 0125 USB/ALE SND 17Aug04 (MO)
- 11402.0 033NHQCAP: CAP Maxwell AFB AL USA 0125 USB/ALE SND 19Aug04 (MO)
- 11402.0 044NCRCAP: (Civil Air Patrol, National Capitol Region): 0717 USB/ALE sounding. 26/08 RP3
- 11402.0 046NHQCAP: CAP Maxwell AFB AL USA 0007 USB/ALE SND 17Aug04 (MO)
- 11402.0 047SERCAP: CAP South East Region USA 0246 USB/ALE SND 19Aug04 (MO)
- 11407 ANTARNET01: Poss Tunisian Military 1909 ALE/USB Calls ASSADNET01 (as always). (06Oct04) (RGA)
- 11412.0 ---: Unid 1152 USB SS Possible Mil or Police North of Argentina (27/09/04) (AJP)
- 11412.0 Unid: 1152 USB SS Possible Mil or Police North of Argentina (27/09/04) (AJP)
- 11418.0 RMP: Russian Navy Kaliningrad, RUS 1020 CW tfc to RHN85, requesting QSX on 8302 & 8454 kHz (21Aug04) (LDO)
- 11424.0 Unid: 1115 CW 10 wpm (29/09/04) (AJP)
- 11429.0 FGT: CHL Navy CHL 0239 USB/ALE TO HLA 17Aug04 (MO) 11429.0 23R CHL Navy CHL 0652 USB/ALE TO CA2 17Aug04 (MO)
- 11429.0 HLA: CHL Navy CHL 0223 USB/ALE TO CSP 17Aug04 (MO)
- 11429.0 KJD: (possible Chilean Navy): 0117 LSB/ALE TO GBR (possible Chilean Navy). 27/08 RP3
- 11429.0 RHL80: (unidentified, Russian ??): 2320 CW DE RHL80 ZRO?. 05/08 RP3
- 11430.0 101: 123, 456 & 789, UNID: 1431 USB ALE. (21/SEP/04) (JLM)
- 11434.6 no-call: Algerian Customs Adrar, ALG 1439 Coq-8 26.67 Bd, tfc. in FF to Customs Brigade at Borji B. Mokhtar (11Sep04) (LDO)
- 11434.6 no-call: Algerian Customs Borji B. Mokhtar, ALG 1431 Coquelet-8 26.67 Bd, tfc. in FF to Adrar (11Sep04) (LDO)
- 11439.5 B7Z101 (Coy "B", 7/101st Avn, Ft Campbell KY): 0114 USB/ALE sounding. 25/08 RP3
- 11439.5 B7Z101: B Coy 7/101st Avn Ft Campbell KY USA 0220 USB/ALE SND 19Aug04 (MO)
- 11439.5 T7Z101: 7/101st Avn Ft Campbell KY USA 0148 USB/ALE SND 17Aug04 (MO)
- 11440 AAAC32: UNID Royal Signals unit, G 1000 USB/MIL-STD 188-141A clog MSN4, exercise rel. activity (19Sep04) (LDO)
- 11440 MSN1: UNID Royal Signals unit, ??? 1217 USB/MIL-STD 188-141A clog MSN5, exercise rel. activity (19Sep04) (LDO)
- 11440 MSN4: UNID Royal Signals unit, ??? 0936 USB/MIL-STD 188-141A clog AAAC32, exercise rel. activity (19Sep04) (LDO)
- 11440 MSN5: UNID Royal Signals unit, ??? 1215 USB/MIL-STD 188-141A clog MSN1, exercise rel. activity (19Sep04) (LDO)
- 11440.0 AAAC32: UNID Royal signals unit, G 1000 USB/MIL-STD 188-141A clog MSN4, exercise rel. activity (19Sep04) (LDO)
- 11440.0 MSN1: UNID Royal Signals unit, ??? 1217 USB/MIL-STD 188-141A clog MSN5, exercise rel. activity (19Sep04) (LDO)

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11440.0 MSN4: UNID Royal signals unit, ??? 0936 USB/MIL-STD
188-141A c1ng AAC32, exercise rel. activity (19Sep04) (LDO)
11440.0 MSN5: UNID Royal signals unit, ??? 1215 USB/MIL-STD
188-141A c1ng MSN1, exercise rel. activity (19Sep04) (LDO)
11453.5 North Korea MFA: 1220 DPRK-600 600bd/600shift
(29/09/04) (AJP)
11466 ALG: Sonatrach Oil/Gas Algiers 1844 ALE/USB
Sounding. (14Oct04) (RGA)
11466.0 ALG SONATRACH: Oil & Gas Operations [TO] OHT 1747ALE
18-aug-04(SE)
11475 MAE: ALG-MFA, Algiers c1g TRP poss ALG-Emb Tripoli,
LBY ALE 1516 23-09-04 [SW]
11475 TRP: poss ALG-Emb Tripoli, LBY c1g [MAE] ALG-MFA,
Algiers ALE 1515 23-09-04 [SW]
11490.0 0000210188: Unid [TWS] [0000210188]1605 ALE
21-aug-04(SE)
11490.0 0000210788: Unid [TWS][0000210788]1617 ALE
21-aug-04(SE)
11494 712: USCG HC-130H No 1712 CGAS Clearwater 1944
ALE/USB Sounds. (06Oct04) (RGA)
11494.0 CS3: COTHEN Remote Oklahoma City OK USA 0551 USB/ALE
SND 17Aug04 (MO)
11494.0 CS9: COTHEN Remote Beaufort SC USA 0735 USB/ALE SND
17Aug04 (MO)
11494.0 D41: BICE P-3B Slick #N741SK/BuNo 152741
Jacksonville AMB FL USA 2054 USB/ALE TO CS9 19Aug04 (MO)
11494.0 D43: BICE P-3 AEW&C #N143CS/BuNo 153447 Corpus
Christi AMB TX USA 2239 USB/ALE SND 18Aug04 (MO)
11494.0 D45: BICE P-3 AEW&C #N145CS/BuNo 155299 Jacksonville
AMB FL USA 2159 USB/ALE SND 23-Aug-04 (MO)
11494.0 I08: BICE CESSNA 550 #N5408G USA 0321 USB/ALE SND
19Aug04 (MO)
11494.0 I34: BICE CESSNA 550 #N2734K USA 0412 USB/ALE SND
17Aug04 (MO)
11494.0 I52: BICE CESSNA 550 #N752CC USA 0417 USB/ALE SND
17Aug04 (MO)
11494.0 I57: BICE CESSNA 550 #1257B USA 0124 USB/ALE SND
23Aug04 (MO)
11494.0 J15: USCG HH-60J CGAS Clearwater #6015 USA 2313
USB/ALE SND 22Aug04 (MO)
11494.0 J42: USCG HH-60J CGAS Cape Cod #6042 USA 0207
USB/ALE SND 19Aug04 (MO)
11494.0 LNT: UNID 0103 USB/ALE TO 502 18Aug04 (MO)
11494.0 LNT: USCG CAMSLANT Chesapeake VA USA 2243 USB/ALE TO
J42 23-Aug-04 (MO)
11494.0 PAC: USCG CAMSPAC Point Reyes CA USA 0919 USB/ALE TO
J36 23-Aug-04 (MO)
11494.0 T85: BICE PIPER PA-42-720R #N9085U Jacksonville FL
AMB USA 2025 USB/ALE SND 19Aug04 (MO)
11494.0 T9A: [TWS] [T9A] Unid 2113 ALE 16-aug-04(SE)
11494.0 TSC: US Customs Tech Service Centre USA 0415 USB/ALE
TO J04 19Aug04 (MO)
11494.0 TST: BICE Ground Station USA 1005 USB/ALE SND
18Aug04 (MO)
11494.0 X51: USA UH-60L tail # 94-26551 2-3rd AVN USA 2330
USB/ALE SND 18Aug04 (MO)
11495 0000001220: Prob Turkish Military 1751 ALE/USB
Sounding. (30Sep04) (RGA)
11495 0000001220: Prob Turkish Military 1927 ALE/USB
Sounds. (06Oct04) (RGA)
11498.0 NEBRSL: B Navy Training Frigate Brasil U-27 B 2155
USB/ALE TO ERMNAT 16Aug04 (MO)
11500.0 Unid: 1114 FSK 50/250 ?? (29/09/04) (AJP)
11545.0 E3: 2145 USB y1 and the famous lincolshire poacher
music...Aug21 04ML
11547 MSN1: UNID Royal signals unit, ??? 1550 USB/MIL-STD
188-141A c1ng AAC32, exercise rel. activity (19Sep04) (LDO)
11547 MSN4: UNID Royal signals unit, ??? 0937 USB/MIL-STD

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188-141A c1ng AAC32, exercise rel. activity (19Sep04) (LDO)
11547 MSN5: UNID Royal Signals unit, ??? 1445 USB/MIL-STD
188-141A c1ng MSN3, exercise rel. activity (19Sep04) (LDO)
11547.0 MSN1: UNID Royal Signals unit, ??? 1550 USB/MIL-STD
188-141A c1ng AAC32, exercise rel. activity (19Sep04) (LDO)
11547.0 MSN4: UNID Royal Signals unit, ??? 0937 USB/MIL-STD
188-141A c1ng AAC32, exercise rel. activity (19Sep04) (LDO)
11547.0 MSN5: UNID Royal Signals unit, ??? 1445 USB/MIL-STD
188-141A c1ng MSN3, exercise rel. activity(19Sep04) (LDO)
11598.0 unid: CIS navy station 17:50 BEE 36-50 /50/200
encrypted messages weak signal 2/sept04 (PPA)
11622.0 USAF MARS station: 1540 PACTOR (20/SEP/04) (JLM)
11636 DDK8: DWD Pinneberg GER 1600 RTTY/50/450 Tx freqs
and calls. (25/09/2004) (JA)
11638.0 DDK8: hamburg met 1804 ITA2/50 cq deryryry
Sep11 04 ML
11660.2 CAN6D: Centro Met. Antártico 1239 RTTY 50/200 Base
Pte. Frei M. - wx(19/12/03)
11696.0 RVHNY: National Guard at Riverhead, NY: 1358 USB ALE
(19/AUG/04)
11740.0 Unid: Probably US Navy station in Link 11: 1525 USB.
Other Link 11 transmissions noted on 11016.0, 10895.0,
10194.09019.0, 7595.0 & 6937.0 (20/SEP/04) (JLM)
12067.0 ADVANCE 20: calling ADVANCE 58 on "HOTEL FOX": 1759
USB voice (20/SEP/04) (JLM)
12067.0 WOLFMAN: ADVANCE 20 & ADVANCE 58: 1810 USB voice
ADVANCE 20 requesting status of SATCOM net (21/SEP/04) (JLM)
12067.0 WOLFMAN: coordinating fire support & aircraft
sorties with ADVANCE 20: 1820 USB voice (20/SEP/04) (JLM)
12070.0 LRN1: (US Army Corps of Engineers, Great Lakes
Region, Nashville TN):1958 USB/ALE sounding. 06/09 RP3
12081.0 022NHQCAP: (Civil Air Patrol, Nat'l Ops Center,
Maxwell AFB AL): 0110 USB/ALE sounding. 18/08 RP3
12081.0 046NHQCAP: CAP Maxwell AFB AL USA 0550 USB/ALE SND
20Aug04 (MO)
12087.0 C0800N: National Guard at Englewood, CO: 1731 USB
ALE. Also sent AMD message "HQ703N, NGB15 191114LAUG04
COMMO CHECK" (19/AUG/04) (JLM)
12087.0 M040SN: (Nat'l Guard, Mississippi): 1328 USB/ALE TO
N040CN (Nat'l Guard, North Carolina). 12/09 RP3
12110 4011: Turkish Red Crescent 1710 ALE/USB Calls 1020.
(08Oct04) (RGA)
12110 4011: Turkish Red Crescent Net 1710 ALE/USB Calls
1020. (08Oct04) (RGA)
12110 A1: Unid 1911 ALE/USB Calls s3. A10 also seen.
(08Oct04) (RGA)
12122.0 LRD1: Army Corps of Engineers Great Lakes and Ohio
Division USA 2112 USB/ALE SND 26-Aug-04 (MO)
12122.0 LRD1: Army Corps of Engineers Great Lakes and Ohio
Division USA 21:13 USB/ALE SND Aug-26-2004 (MO)
12132.0 BR1: Brazilian Ny 0110 ALE/USB Sounding
(24/08/04) (AJP)
12133.5 Unid: AFRTS USA 0115 USB EE Feeder (24/08/04) (AJP)
12136.7 RFTPA: FF N'djamena CHD 17:29 ARQ-E3 /100 /170 Beta
idle on FDZ circuit to Paris 2/sept04 (PPA)
12158.3 CNTD: Cent. Nat. d. transm. d. Douanes Algiers, ALG
1035 PACTOR-I 100Bd/200Bd, msgs in French to Illizi, bad
link with mostly RQs (21Aug04) (LDO)
12168.0 KFMHNG: (Nat'l Guard unit, Otis ANGB, Mass): 1904
USB/ALE sounding. 19/08 RP3
12170.0 CER41: MFA Paris F 0732 USB/ALE TO LECAIRE LECAIR
20Aug04 (MO)
12170.0 EFDNG: UNID 01:00 USB/ALE SND Sep-12-2004 (MO)
12170.0 EFDNG: UNID 02:00 USB/ALE SND Sep-12-2004 (MO)
12170.0 EFDNG: UNID 02:30 USB/ALE SND Sep-12-2004 (MO)
12170.0 LECAIRE: F Emb Cairo EGY 1356 USB/ALE TO CER41
18Aug04 (MO)
12175 0200: Italian Carabinieri Net 1917 ALE/LSB Calls

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1100. [AMD] "DIAL4". (08Oct04) (RGA)
12184.0 Unid: Russian mil 1111 81-81system FSK 40.5/500
(24/08/04) (AJP)
12194 055: Unid 1512 ALE/USB sounding. (23Sep04) (RGA)
12196 : Rus. intel, RUS 1015 BAUDOT 200.33Bd/500Hz, auto
broadcasting multi figure group message to recipient "118"
(16Oct04) (LDO)
12212.7 MKL: RN Northwood 1751 RTTY/75/850 Crypto bursts.
(30/Sep/04) (RH2)
12216.0 no-call: UNID station, 1054 USB/MIL-STD 188-110A
serial tone modem, sporadic encrypted traffic at
1200bps/long interleaving (22Aug04) (LDO)
12223.0 no-call: UNID Ukrainian MIL, UKR? 0559 BAUDOT
50Bd/500Hz, encrypted tfc. after zzzzzzzzzz (08Sep04) (LDO)
12225 OBIED: UNJLC OPS El Obeid, SDN 1539 USB/MIL-STD
188-141A, sounding (15Sep04) (LDO)
12225.0 DMAZIN: UNJLC OPS Ad Damazin SDN 2128 USB/ALE SND
18Aug04 (MO)
12225.0 DMAZIN: UNJLC OPS Ad Damazin, SDN 1749 USB/MIL-STD
188-141A/CLOVER-2000, FAX tfc. to NYALA2 (17Aug04) (LDO)
12225.0 FAW1: UNJLC OPS El Faw, SDN 0504 USB/MIL-STD
188-141A calling OBIED (18Aug04) (LDO)
12225.0 GADARAF: UNJLC OPS Gadaraf SDN 0201 USB/ALE SND
18Aug04 (MO)
12225.0 GIRBA: Sudan Net 2016 ALE/USB Clg Atbara
(03/09/04) (AJP)
12225.0 GIRBA: UNJLC OPS Girba SDN 0026 USB/ALE SND
23Aug04 (MO)
12225.0 JUBA: UNJLC OPS Juba, SDN 1749 USB/MIL-STD
188-141A/CLOVER-2000, FAX tfc. to NYALA2 (18Aug04) (LDO)
12225.0 KOSTI: UNJLC OPS Kosti SDN 0541 USB/ALE TO JUBA
18Aug04 (MO)
12225.0 MADANI: UNJLC OPS Madani SDN 0351 USB/ALE TO NYALA2
23Aug04 (MO)
12225.0 NYALA2: UNJLC OPS Nyala, SDN 1749 USB/MIL-STD
188-141A/CLOVER-2000, FAX tfc. to DMAZIN (17Aug04) (LDO)
12225.0 NYALA4: UNJLC OPS Nyala, SDN 0500 USB/MIL-STD
188-141A calling ATBARA (18Aug04) (LDO)
12225.0 OBIED: UNJLC OPS El Obeid, SDN 1539 USB/MIL-
STD188-141A, sounding (15Sep04) (LDO)
12225.0 OBIED: UNJLC OPS El Obeid, SDN 1641 USB/MIL-STD
188-141A/CLOVER-2000, FAX tfc. to NYALA1 (17Aug04) (LDO)
12225.0 PORTSUDAN UNJLC OPS: Port Sudan SDN 0415 USB/ALE TO
DMAZIN 24-Aug-04 (MO)
12225.0 SHENDI: UNJLC OPS Shendi SDN 0912 USB/ALE TO NYALA4
18Aug04 (MO)
12225.0 SHENDI: UNJLC OPS Shendi, SDN 1158 USB/MIL-STD
188-141A, calling NYALA4 (18Aug04) (LDO)
12297 055: Unid '055' Net 1702 ALE/USB Sounding.
(08Oct04) (RGA)
12316.0 ROPHILB01: Iraqi Gvt. Al-Hillah/Babi Province,IRQ
0054 USB/MIL-STD 188-141A sounding(09Sep04) (LDO)
12359.0 HERB HILGENBERG (VAX 498): 2001z (USB), wkg var
vessels with wx info, messages, etc. This is the "Southbound
II Marine Net." (11/Oct/2004) (ALS)
12365.0 UNID:5202.0 AAR7HC, US Army MARS net operations:
1315 USB voice (22/SEP/04) (JLM)
12370.0 ERMNAT: B Navy Natal B 2242 USB/ALE TO NEBRSL
20Aug04 (MO)
12390.0 GYA: london 0858 FAX middle east wind chart
Aug22 04 ML
12437.0 ERMBEL: B Navy Belém B 2156 USB/ALE TO BTLCMC1
20Aug04 (MO)
12501 T1Z106: 1 Bat 106 Avn Regiment US Army Deployed 1733
ALE/USB Sounding. (08Oct04) (RGA)
12560.0 UCON: pioner moldavii russian nsc ship ARQ line st
petersburg -rotterdam Aug21 04 ML
12577 3FLS7: Panamanian-Registered Vessel Gaz Imperial

- 1441 GMDSS RQs LyngbyRadio/OXZ for safety test. (23Sep04) (RGA)
- 12577 9HEQ7: Maltese-Flagged Vessel Apollonia 1652 GMDSS RQs OXZ/LyngbyRadio for safety test. (14Oct04) (RGA)
- 12577 9HFW7: Maltese-Registered Ship St Helen 1647 GMDSS RQs OlympiaRadio Athens/SVO for safety test. Then RQs MRCC Brazil via Recife. (23Sep04) (RGA)
- 12577 9HPT7: Maltese-Flagged Vessel Nikolas 1746 GMDSS Unknown type test to Lyngby Radio/OXZ. (04Oct04) (RGA)
- 12577 9VXA: Singapore Vessel Ocean Eagle 1755 GMDSS RQs MRCC Hongkong/VRX for safety test. (23Sep04) (RGA)
- 12577 : Charleville/wiluna MRCC 1502 GMDSS BQs Singapore vessel sakura/9V5806 safety test. (23Sep04) (RGA)
- 12577 A8AS7: Liberian-Flagged P&O Nedlloyd Hunter Valley 1624 GMDSS RQs NMN/CAMSLANT Chesapeake VA USA for safety test. (14Oct04) (RGA)
- 12577 DSdT8: Korean Ship Samsun Earnest 1350 GMDSS RQs Charville/wiluma MRCC for safety test. (23Sep04) (RGA)
- 12577 DYDW: Philippines Ship Seattle Trader 1633 GMDSS RQs USCG Boston/NMF for safety test. (23Sep04) (RGA)
- 12577 EAAG: Spanish Ship Mar Adriana 1359 GMDSS RQs sister ship Mar Daniela/ECCJ for simplex telephone call on 12359 kHz. ECCJ BQs the request. (23Sep04) (RGA)
- 12577 ECA6: MRCC Madrid 1433 GMDSS Sends self-addressed safety test message. (23Sep04) (RGA)
- 12577 ELBK: Liberian-Registered Ship Hadera 1733 GMDSS RQs HaifaRadio/4XO for simplex telephone call on 12356 kHz. (23Sep04) (RGA)
- 12577 H3YJ: Panamanian-Registered Vessel Uni Prosper 1501 GMDSS calls unid Vietnamese authority with request for telephone call but no frequencies given. (23Sep04) (RGA)
- 12577 H9LE: Panamanian-Registered Vessel PX Phoenix 1759 GMDSS RQs ShanghaiRadio/XSG for safety check. (23Sep04) (RGA)
- 12577 IBQD: Italian Ship Flaminia 1434 GMDSS RQs LyngbyRadio/OXZ for safety test. (23Sep04) (RGA)
- 12577 ICWH: Italian Ship Mimmo Ievoli 1427 GMDSS RQs LyngbyRadio/OXZ for safety test. Lyngby BQs. (23Sep04) (RGA)
- 12577 OXZ: LyngbyRadio DNK 1610 GMDSS BQs Spanish ship Ciudad de Salamanca/EADH safety test. (23Sep04) (RGA)
- 12577 OXZ: LyngbyRadio DNK 1705 GMDSS BQs safety check to Honduras ship Ocean Explorer I/ HQLH2. (23Sep04) (RGA)
- 12577 OXZ: LyngbyRadio DNK 1718 GMDSS BQs Safety test to Russian Vessel Voronezh/UHHH. (04Oct04) (RGA)
- 12577 OXZ: LyngbyRadio DNK 1755 GMDSS BQs safety test to Ukrainian ship Kozelsk/UYHO. (04Oct04) (RGA)
- 12577 PCAP: Netherlands Ship Seahorse 1335 GMDSS RQs LyngbyRadio/OXZ for safety check. Lyngby BQs. (23Sep04) (RGA)
- 12577 SWVB: Greek Ship Skiropula 1624 GMDSS RQs LyngbyRadio/OXZ for safety test. OXZ BQs. (23Sep04) (RGA)
- 12577 TAH: IstanbulRadio 1708 GMDSS RQs Turkish ship Pazar/TCMC for duplex telephone call on 8434/12634.5 kHz. (14Oct04) (RGA)
- 12577 TAH: IstanbulRadio 1758 GMDSS EOS transmission for 13128 kHz telephone. Prob announces voice MIB broadcast on 13128. (23Sep04) (RGA)
- 12577 TAH: IstanbulRadio 1800 GMDSS BQs safety check from Iranian ship Iran Khozestan/ EQWH. (23Sep04) (RGA)
- 12577 TCBM: Turkish Vessel Bibi-M 1756 GMDSS RQs CAMSLANT/NMN for safety check. (23Sep04) (RGA)
- 12577 UCE: ArkhangelskRadio 1600 GMDSS RQs Liberian-registered vessel Norgas Carine/ ELQK5 for simplex telephone call on 12359 kHz. (23Sep04) (RGA)
- 12577 UVPA: Ukrainian Ship Granit 1723 GMDSS RQs LyngbyRadio/OXZ for safety check. (23Sep04) (RGA)
- 12577 ZIZP9: British Ship Contship Aurora 1749 GMDSS RQs NMF/USCG Boston for safety check. (23Sep04) (RGA)

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12577 ZQVU6: British Ship Thebeland 1714 GMDSS RQs MRCC
 Madrid/ECA6 for safety check. (23Sep04) (RGA)
 12577 : Iqaluit Radio CAN 2010 DSC (26Sep04) (AB)
 12577 : Pt Reyes (CAMSPAC RCC) USA 1703 DSC (26Sep04) (AB)
 12577 : RCC Canberra AUS 1652 DSC (20Sep2004) (AB)
 12577 : USCG Honolulu HWI 1610 DSC (26Sep04) (AB)
 12577 : USCG Kodiak ALS 1944 DSC (26Sep04) (AB)
 12577 : USCG Miami USA 2023 DSC (26Sep04) (AB)
 12579.0 NMF: USCG Boston USA 16:55 FEC 100/170 Navigational
 safety broadcast from Bethesda MD 2/sept04 (PPA)
 12579.0 NRV: uscg guam 1859 FEC wx forecasts and warnings
 for pacific areas Aug24 04 ML
 12579.1 UNID: 0138 170/100N FEC. weather broadcast
 (28/AUG/04) (JLM)
 12581.5 XSV: Tianjin R 1815 CW Marker (16/08/04) (AJP)
 12587.0 LZW5: varna 1045 FEC tfc list Aug22 04 ML
 12587.0 Varna Radio: 0930 Sitor-B News in Latinized
 Bulgarian 20/08(PP1)
 12590.2 Unid: 1123 unid high speed mode ?? Aug22 04 ML
 12613.0 xsq : Guangzhou Radio 1357 sitor-a tfc to 4770?
 subscr. 342232 160kt04 (wp3)
 12637.5 XSG: shanghai 1845 ARQ work XIAN XIA chinese ship
 Aug23 04ML
 12654.0 TAH: Istanbul R 2008 Sitor wx TT/EE
 (16/08/04) (AJP)
 12669.0 UTRA: 0934 Ship Leonid Borodich CW "de utra"
 20/08 (PP1)
 12691 FUX: FN Le Port 1615 RTTY/75/850 Test tape. //8475.
 (30/Sep/04) (RH2)
 12695.5 UWS3: Kiev radio UKR 07:30 A1A CQ de UWS3 QSW
 6470/8570,5/12695,5 5/sept (PPA)
 12735.0 URL: Sevastopol R 2013 CW 'CQ de URL'
 (16/08/04) (AJP)
 12745.5 JJC: kyodo 2035 FAX news in japanese Aug25 04 ML
 12745.5 JJC: kyodo 2035 FAX/60 news Aug25 04 ML
 12745.5 JJC: Tokio R 1635 FAX/60/576 Lat/Long co-ordinates
 (unusual!) followed by JJ Newspaper. (30/Sep/04) (RH2)
 12808.5 VTG: Indian Ny 2000 CW WX report //8634.0
 (21/08/04) (AJP)
 12828.8 UTQ: KIEV RADIO? 1700 FAX 120/576/N/550 Temp
 contours? Sea area off w Sahara (20/Sep)(DW)
 12840 VTP7: Indian Navy Vishakapatanam 1416 CW VTP/4/5/6/7 marker.
 Found on MRHS Project scan. (07Oct04) (RGA)
 12840.5 PBC312: RNethN Goree Is 1808 RTTY/75/850 CARBs.
 (07Oct04) (RGA)
 12856.0 XSG: Shangai R 1756 CW 'CQ de XSG' (16/08/04) (AJP)
 12873.6 FUG: French Navy La Regine, F 0822 FSK 300Bd/850Hz,
 non stop encrypted tfc.(05Sep04) (LDO)
 12903.0 VTH: Indian Ny 1706 RTTY 50/800 VTH 1/5/7 RBSL BNR
 BNR RYRYRYRYRY (07/10/04) (AJP)
 12924.0 Japanese fisheries: 0252 8 tones AFSK
 (13/10/04) (AJP)
 12947 JJF: HQ Japanese Navy Tokyo 1930 CW Sent to CP. CP
 CP CP de JJF JJF JJF FB3 FB3 FB3 (repeated 3 times) ZIC NR
 0036 AR. //6474. (02Oct04) (AB2)
 12947.5 ZSJ: SAN Silvermine 1005 MFSK-32/54.5 Crypto //8604.
 (24/Sep/04) (RH2)
 12948 JJF: JNSDF (Navy) Tokyo 1100 CW CP de JJF FB3 FB3
 FB3 ZIC SR 0097 AR. (08Oct04) (RGA)
 12948.0 JJF: JDF TOKYO/JJF 0811 CW weak morse -
 International morse in msg header but body in Japanese
 morse? (06/Oct)(DW)
 12948.0 JJR: Japanese Mil 0300 CW Clg CQ for a minute then
 QRT (09/10/04) (AJP)
 12948.0 Unid: Russian Mil 2138 MS5 12 tones + 3300Hz pilot
 tone (21/08/04) (AJP)
 12961 FUF: FN Ft de France 1704 RTTY/75/850 Test tape.
 (30/Sep/04) (RH2)

13042.5 FUV: FN Djibouti 1918 RTTY 150/850 Testing
(25/09/04) (AJP)

13089.0 LSD836: buenos aires 2016 USB span y1 work unid ship
Sep08 04 ML

13097.6 dhj58 : 1115 usb/stanag4582 tfc to drdt (channel
MRL58/13) weak signal, qsy from 10206,2 26Sep04 (wp3)

13097.6 dhj58: 1115 usb/stanag4582 tfc to drdt (channel
MRL58/13) weak signal, qsy from 10206,2 26Sep04 (wp3)

13097.6 drdt : german submarine U26 / S 175 1115 usb tfc to
dhj58 (channel MRL58/13) qsl your last zai2 qsy from 10206,2
26Sep04 (wp3)

13097.6 drdt: german submarine U26 / S 175 1115 usb tfc to
dhj58 (channel MRL58/13) qsl your last zai2 qsy from 10206,2
26Sep04 (wp3)

13132.0 EGYPTIAN: C130 1293 calling CEDAR RAPIDS for radio
check: 1935 USB (19/AUG/04) (JLM)

13140.0 Unid: Unid México coastal stn 0108 USB SS Family QSO
QSO 12293.0 (24/08/04) (AJP)

13182.0 XSQ: Guangzhou radio CHN 14:23 J3E/U Chinese
phonecall 5/sept04 (PPA)

13197.0 Odessa Radio: 2015 USB w/unheard station in personal
pp. 21/09 RP3

13200 PNR400: OPBAT Base, Georgetown 1915 ALE/USB 1915
(05Oct04) (CC)

13200.0 AFS: Offutt EAM msg DWYTG 1933 J3E
21-aug-04(SE)

13200.0 KEFLAVICK: EAM msg DWUR7Z 1518 J3E 18-aug-04(SE)

13200.0 SIGONELLA: EAM msg DWRH24 and DWUR7Z 1531 J3E
18-aug-04(SE)

13206.3 4966: Unid 1829 ALE/USB Sounding. Also 8002.
(22Sep04) (RGA)

13215 571461: Poss USAF KC-135 1828 ALE/USB wkg
ADW/Andrews AFB MD. (06Oct04) (RGA)

13215 JDG: HFGCS Stn NAS Diego Garcia BIOT 1637 ALE/USB
Sounding. (08Oct04) (RGA)

13215 MCC: McClellan AFB CA USA 1838 ALE/USB Sounding.
(06Oct04) (RGA)

13215.0 460038: (KC-10 # 86-0038): 1247 USB/ALE sounding.
Also sounding on 09025.0. 23/09 RP3

13215.0 ADW: 1303 ALE to off Aug22 04 ML

13215.0 HIK: (Hickam AFB HI): 0303 TO GUA (Andersen AFB
Guam). 24/09 RP3

13215.0 ICZ: (Sigonella): 2254 USB/ALE TO 160017 (C-5 #
86-0017). 22/09 RP3

13215.0 PLA: 1238 ALE Aug22 04 ML

13215.0 T49: ?? any idea ? 1301 ALE snd Aug22 04 ML

13221 710: Unid US TISCOM Stn 1802 ALE/USB wkg NOJ/USCG
Kodiak AK. (06Oct04) (RGA)

13221.0 NOJ: USCG Kodiak AK USA 18:51 USB/ALE SND
Aug-28-2004 (MO)

13224.0 BANDEIRANTES: B AF UNID loc B 20:41 USB/ALE SND
Sep-10-2004 (MO)

13224.0 BANDEIRANTES: B Air Force B 21:09 USB/ALE SND
Sep-05-2004 (MO)

13224.0 CERRADO: B Air Force B 20:26 USB/ALE SND
Sep-08-2004 (MO)

13224.0 SA4: B Air Force? B 20:45 USB/ALE SND
Sep-08-2004 (MO)

13224.0 TAMOIO: B AF UNID loc B 21:27 USB/ALE SND
Sep-11-2004 (MO)

13254.0 Diego Garcia: 1925 USB w/Air Trans 400 w/position
report. 23/09 RP3

13257.0 TRENTON MIL: 1650z USB, wkg CANFORCE 3224.
(11/Oct/2004) (ALS)

13260.0 O/M (SS): 2038 USB w/Y/L (SS). 23/09 RP3

13264.0 Shannon: 1253 USB w/volmet. 02/09 RP3

13264.0 Shannon: 1433 USB w/volmet. 22/09 RP3

13264.0 Shannon: 1805 USB w/volmet. 15/09 RP3

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13270 A6-ERF: Emirates A340-541 1514 HF DL Signs on to
ARINC Hat Yai. (08Oct04) (RGA)

13270 B-6006: China Eastern A320-214 1507 HF DL Signs on.
(08Oct04) (RGA)

13270 B-6028: China Eastern A320-214 1452 HF DL At 2043N
11614E. (08Oct04) (RGA)

13270 B-6053: China Airlines A340-642 1520 HF DL Signs on.
(08Oct04) (RGA)

13270 B-6053: China Eastern A320-214 1445 HF DL Signs on to
ARINC Hat Yai. ICAO ID A50991. (08Oct04) (RGA)

13270 GANDER RADIO: Gander/NY VOLMET 1522 USB OM with
Canadian airfields wx actuals. (08Oct04) (RGA)

13270 N67052: Continental B767 Flt CO0047 1710 HF DL
Reports 6111N 03118W to ARINC Hat Yai. (10Oct04) (RGA)

13270 N920FT: Pacific Air Cargo B74 1739 HF DL Signs on.
(10Oct04) (RGA)

13270 N920FT: Pacific Air Cargo B747 1512 HF DL Signs on.
(08Oct04) (RGA)

13270 ZS-SNF: SAA A340 Flt SA0425 1728 HF DL Reports 2842S
02734E. (10Oct04) (RGA)

13270.0 Gander: 0155 USB w/volmet. 02/09 RP3

13270.0 New York Volmet: 0110 USB EE wx report
(13/10/04) (AJP)

13276.0 Unid: 1928. Two stations in ANDVT comms. 23/09 RP3

13282.0 Auckland VOLMET: 1545 USB flight wx for South
Pacific in English, nothing on //8828 19/Aug/2004 (TR)

13282.0 Hong Kong VOLMET: 1541 USB flight wx for South
East Asian airports in English, fair signal with some
fading, weaker on //8828, nothing at all on 6679 19/Aug/2004
(TR)

13282.0 no call: Hongkong volmet CHN 17:15 J3E/U male voice
weather for Taipeh , Manilla 15sept04 (PPA)

13287.0 O/M (Vietnamese): 0240 USB w/unheard station.
19/08 RP3

13291.0 Gander: (MWARA NAT-F): 1430 USB w/Air Canada 893
w/position report. 22/09 RP3

13294.0 Kinshasa (MWARA AFI-4): 1952 w/unidentified aircraft
in FF position report. 24/09 RP3

13300.0 O/M (SS): 1938 USB w/aircraft (O/M SS). 23/09 RP3

13303 CN-RNX: Royal Air Maroc A321 1328 HF DL Signs on to
ARINC Las Palmas. (15Oct04) (RGA)

13303 CN-RNY: Royal Air Maroc A321 Flt AT0930 1407 HF DL
Signs on. (15Oct04) (RGA)

13303 N57111: Continental B757 Flt CO0033 1331 HF DL At
5202N 02850W. (15Oct04) (RGA)

13303 N66057: Continental B767 Flt CO0041 1401 HF DL At
5514N 05325W. (15Oct04) (RGA)

13303 N76153: Continental B767 Flt CO1941 1334 HF DL At
3953N 07302W. (15Oct04) (RGA)

13303 OH-LBR: Finnair B757 Flt AY2520 1426 HF DL
Preformance msg to ground. (15Oct04) (RGA)

13306.0 HB-IUU: 1850 USB MWARA NAT-A/C, Jet Aviation
HB-IUU, selcal EJAS, working Shanwick with posn, wx, fuel
status and selcal check, requesting wx for LSZH (Zurich)
and LSZB (Bern) 23/Aug/2004 (TR)

13306.0 N691AA: 1818 USB MWARA NAT-A/C, American N691AA,
selcal GJRS, working Gander with request for new flighlevel,
Gander asks to std/by and maintain selcal watch
23/Aug/2004 (TR)

13306.0 PH-BFL: 1836 USB MWARA NAT-A/C, KLM PH-BFL,
selcal DMAK, working Iceland with posn, wx, fuel status and
selcal check, also requesting wx for EDDF (Frankfurt Main)
and EDFM (Mannheim City) 23/Aug/2004 (TR)

13327.0 no call: LDOC Iberia E 19:27 J3E/U Spanish
coversion about landing in Valencia 2/sept/04 (PPA)

13330.0 Houston Radio: 1612 USB w/Flight Check 97 (not
heard) in pp w/Houston Dispatch passing calibration results.
23/09 RP3

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- 13330.0 N316LA: 1846 USB calling Houston Radio w/no response. 24/09 RP3
- 13354.0 MWARA NAT-E (NY Rdo): 1731z USB wkg FRENCH WEST 530, cleared to higher alt. (11/Oct/2004) (ALS)
- 13354.0 MWARA NAT-E (NY Rdo): 1735z USB wkg AIR EUROPA 051, position 40 North, 40 west; 13306 primary, 11309 secondary. (11/Oct/2004) (ALS)
- 13354.0 New York (MWARA NAT-E): 1530 USB w/Air France 422 w/position report. 23/09 RP3
- 13362.0 AFRTS/AFN: US military HF feeder 2136 USB / with news and information. Parallel with 12133.5 kHz USB. (14Sep.2004) (Midwest USA)
- 13363.0 ---: Unid Argentina 1718 LSB SS Unid Feeder transmitin Radio Continental (AM 590) (28/09/04) (AJP)
- 13363.0 Unid Argentina 1718 LSB SS Unid Feeder transmitin Radio Continental (AM 590) (28/09/04) (AJP)
- 13374.2 UNID: station with 5 letter groups. Off with sksksk: 1831 CW (20/SEP/04) (JLM)
- 13374.3 unid: Fronet Station 1256 P-I/100Bd <Calling:F99HOD> (03/SEP/04) (KK)
- 13390 GADAREF: UNJLC Gadaref SDN 1825 ALE/USB Sounding. (22Sep04) (RGA)
- 13390 MADANI: UNJLC Madani SDN 1814 ALE/USB Calls JUBA/UNJLC Juba. (22Sep04) (RGA)
- 13394.0 DOR: MFA Sofia, BUL 1204 USB/8-FSK 240Bd ARQ- system, tfc. to unlocated embassy, QSX not found (12Sep04) (LDO)
- 13394.0 DOR: MFA Sofia, BUL 1208 USB/MIL-STD 188-110A 39-tone waveform with modif. protocol & modif. preamble, QSX not found, 393.75 Hz doppler, (12Sep04) (LDO)
- 13419.3 UNID: station with 5 letter groups: 1814 CW (22/SEP/04) (JLM)
- 13420.0 Unid: 0014 Sweep from 13440 down to 13420 (13/10/04) (AJP)
- 13426.0 Unid: 1201 CW 3 FG ? (15/10/04) (AJP)
- 13432.5 BAVARIANOPS: US-Army Katterbach(?) D 1128 USB/ALE SND 18Aug04 (MO)
- 13432.5 MM68: UNID ? 0623 USB/ALE SND 24-Aug-04 (MO)
- 13442 474: Unid 1909 ALE/USB Sounding. (22Sep04) (RGA)
- 13457.0 FAAZNY: FAA New York ARTCC NY USA 2134 USB/ALE SND 26-Aug-04 (MO)
- 13457.0 FAAZNY: FAA New York ARTCC NY USA 21:35 USB/ALE SND Aug-26-2004 (MO)
- 13475.0 CDDA: (HQs, Venezuelan Air Defense Command): 1901 USB/ALE TO MONTECANO (Air Defense site). 01/09 RP3
- 13475.0 CDDA: HQs Venezuelan Air Defense Command VEN 2216 USB/ALE TO MONTECANO 17Aug04 (MO)
- 13475.0 MONTECANO: (Venezuelan Air Defense site): 2128 USB/ALE TO CDDA (HQs, Venezuelan Air Defense Command). 18/08 RP3
- 13475.0 MONTECANO: Venezuelan Air Defense site VEN 2216 USB/ALE TO CDDA 17Aug04 (MO)
- 13490 LESKOVIKU: Albanian MOI Leskoviku 1745 ALE/USB wkg SHEBINIKU. (02Oct04) (RGA)
- 13490.0 BUR: Chilean Ny 2048 ALE/LSB w/ TAC, TXO, ZON, WFG, TGT, BG9 (12/09/04) (AJP)
- 13490.0 BUR: Chilean Ny 2048 ALE/LSB w/ TAC, TXO, ZON, WFG, TGT, BG9(12/09/04) (AJP)
- 13490.0 SP1: BN San Pablo 1728 ALE/USB Clg BR1, SR7 Very long call (29/09/04) (AJP)
- 13491.7 BR1: Brazilian Army 1758 packet 300bd Traffic w/ PTA0 (10/09/04) (AJP)
- 13500 64B: LST Los Llanos T-64 Venezuelan Navy 1817 ALE/LSB Calls BNA/Base Naval Amario. (22Sep04) (RGA)
- 13500.0 BNA: (Venezuelan Navy Base "Amario"): 0958 USB/ALE TO BNF (Venezuelan Navy Base "Falcon"). 18/08 RP3
- 13500.0 BNF: (Venezuelan Navy Base "Falcon"): 1056 USB/ALE TO CGA (HQs, Venezuelan Navy). 18/08 RP3

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13503.6 KWR92: US Department of State ? 0807 USB/ALE TO
KWR91 25-Aug-04 (MO)
13503.6 KWX57: US Department of State ? 0911 USB/ALE TO
WNG767 25-Aug-04 (MO)
13503.6 KKY55: US Department of State ? 2009 USB/ALE SND
25-Aug-04 (MO)
13503.6 KKY58: US Department of State ? 1709 USB/ALE SND
25-Aug-04 (MO)
13510.0 CFH: CF Halifax 1104 Fax 120 "Canadian Forces
Atlantic Fleet Metoc Broadcast" (30/09/04) (AJP)
13510.0 MVD1: US Army 0018 ALE/USB Sounding (13/10/04) (AJP)
13513.0 AMMAN: F Emb Amman JOR 1845 USB/ALE TO ABUDHABI
22Aug04 (MO)
13513.0 AMMAN: French emb. Amman, JOR 0856 USB/MIL-STD
188-141A calling "ABUDHABI" (22Aug04) (LDO)
13527.8 P: chnl mkr "P" Rus-N 1402 A1A 16-aug-04(SE)
13527.9 S: SLHFM 1132 CW "S" Marker Arkhangelsk
(01/10/04) (AJP)
13528 D: MX Beacon Odessa 0604 CW // 7039 8495 10872
16332. (15Oct04) (WC)
13528 D: MX Beacon Odessa 0608 CW // 16332 10872 8495
7039. (27 Sep 04) (WC)
13528 F: MX Beacon Vladivostok 1404 CW. (01Oct04) (WC)
13528 F: MX Beacon Vladivostok 1518 CW. (05Oct04) (WC)
13528 M: MX Beacon Magadan 1503 CW (27 Sep 04) (WC)
13528 S: MX Beacon Arkhangelsk 0018 CW // 20049 16332
10872 7039 5154. (30 Aug 04) (WC)
13530.0 1901: UNID CLM telephone net 21:10 LSB/ALE TO
MOCHUELO Sep-08-2004 (MO)
13530.0 MOCHUELO: Colombian telephone net CLM 21:10 LSB/ALE
TO 1901 Sep-08-2004 (MO)
13534.0 COPIAPO: Unid 1227 ALE/USB Unid Chilean net Sounding
(12/09/04) (AJP)
13534.0 COPIAPO: Unid 1227 ALE/USB Unid Chilean net Sounding
(12/09/04) (AJP)
13537.8 ZSJ: SA Ny Capetown 1702 RTTY 75/170 meteo info for
Amsterdam-Crozet-Kerguelen Is. (29/09/04) (AJP)
13538.0 ZSJ: SA Ny Capetown 1545 FAX 120 WX fax. //18238,0
(12/09/04) (AJP)
13564.9 : Unid 1105 OMFSK/195.5/600 (05Oct04) (RGA)
13567.0 Argentina R: 2041 USB SS (QSX 14703.0 USB) Family PP
Antartic bases and farms (16/10/04) (AJP)
13586.0 SARBR: (Rescue Coordination Center (RCC), Bras=EDlia
) : 0000 USB/ALE=sounding. 21/09 RP3
13597.0 JMH: Tokyo Meteo 0403 FAX 120 Tokio Typhoon Center.
Typhoon forecast (16/10/04) (AJP)
13805 BAGDAD: Unid 1836 ALE/USB Sounding. (22Sep04) (RGA)
13805 T498AA: 498 Med Co US Army Deployed 1745 ALE/USB
Sounding. (02Oct04) (RGA)
13846.7 Unid: 1857 ARQ-E3 ? no sync (11/10/04) (AJP)
13850.0 DLL: UNID 1300 MIL.STD 188-141A ALE on usb. Sounding
(06/Oct)(DW)
13882.5 DDK6: DWD Pinneberg 1056 FAX/120/576 Excellent
pressure chart. (05Oct04) (RGA)
13882.5 DDK6: HAMBURG MET 1114 FAX 120/576/N/800 Vague
outlines in noise floor (03/Oct)(DW)
13885.0 CER41: MFA Paris F 2132 USB/ALE TO LECAIRE
18Aug04 (MO)
13885.0 LECAIRE: F Emb Cairo EGY 2132 USB/ALE TO CER41
18Aug04 (MO)
13885.0 RABAT: F Emb Rabat MRC 1456 USB/ALE TO CER11
20Aug04 (MO)
13885.9 ---: MOSCOW MET 1057 FAX 120/576/N/800 synoptic
chart with obs. Fading in/out noise. 120.01rpm giving slew.
Offair 1110z (03/Oct)(DW)
13886.0 moscow met: 1503 FAX end of chart Sep04 04 ML
13886.2 : Moscow Meteo 1630 FAX/120/576 Clean chart.
(30/Sep/04) (RH2)

13886.7 ---: FF PARIS? 1220 ARQ/E3 192/E/400 8rc. Betas.
Weak sync. No apparent tfc thru 1255z (03/Oct)(DW)

13898.1 BMF: 1610 Taipeih Meteo, Taiwan ; Typhoon
warning in Chinese pictograms and English FAX 120/576
25/08 (PP1)

13900.0 BMF: TAIPEI MET 0830 FAX 120/576/N/800 24 hr wave
prog. Some noise (04/Oct)(DW)

13900.0 BMF: TAIPEI MET 0930 FAX 120/576/N/800 sfc analysis
(grainy) with obs (blurred). Shows tropical depression NE of
Philippines (05/Oct)(DW)

13900.5 BMF: Taipei Met 1655 FAX/120/576 Fair chart.
(30/Sep/04) (RH2)

13907 CS4: Cothen Remote Lovelock NV 0047 ALE/USB wkg I4J:
Cessna 550. (21Sep04) (CC)

13907 I01: Cessna 550 0042 ALE/USB wkg CS4/Cothen Remote
Lovelock, NV. Followed by Parkhill encryption.
(21Sep04) (CC)

13907 PR1: US BICE Punta Salinas PR 1852 ALE/USB Sounding.
(22Sep04) (RGA)

13907.0 504: 1934 USCG 1504 HC-130H CGAS Elizabeth City
USB/ALE to LNT CAMSLANT 02/09 (PP1)

13907.0 720: USCG HC-130H #1720 CGAS Clearwater FL USA 2246
USB/ALE SND 23-Aug-04 (MO)

13907.0 CS3: COTHEN Remote Oklahoma City OK USA 2205 USB/ALE
SND 18Aug04 (MO)

13907.0 CS9: 1958 US Customs Puerto Rico USB/ALE 02/09
(PP1)

13907.0 CS9: COTHEN Remote Beaufort SC USA 1034 USB/ALE SND
17Aug04 (MO)

13907.0 F33: USCG HU-25 #2133 CGAS Cape Cod USA 0057 USB/ALE
SND 18Aug04 (MO)

13907.0 I52: BICE CESSNA 550 #N752CC USA 0135 USB/ALE SND
18Aug04 (MO)

13907.0 J09: USCG HH-60J CGAS Cape Cod #6009 USA 0117
USB/ALE SND 18Aug04 (MO)

13907.0 PNR400: Panther 400 DEA Georgetown Bahamas BAH 2239
USB/ALE SND 22Aug04 (MO)

13907.0 X51: USA UH-60L tail # 94-26551 2-3rd AVN USA 0203
USB/ALE SND 17Aug04 (MO)

13907.0 X52: UNID ? 0124 USB/ALE SND 24-Aug-04 (MO)

13920.0 VMC: BOM CHARLEVILLE 1604 FAX 120/576/N/800 Grainy
pix. 24hr 500hPA prog for Australia (03/Oct)(DW)

13926.7 ---: EGYPTIAN DIPLO ?LOC 1553 arq 100/E/170 Betas
then opchat in Arabic (ATU80). 1558z s/off (03/Oct)(DW)

13927.0 USAF MARS (AFA1EN, Indiana): 2355z USB wkg AFA1RE,
Maine; chat. (11/Oct/2004) (ALS)

13927.0 USAF MARS (AFA1QW): 1956z USB, wkg Navy Helo
NNN0467, off coast of Delaware, ph patch.
(11/Oct/2004) (ALS)

13927.0 USAF MARS (AFA1YV, Binghamton NY): 1848z USB wkg
Morale & welfare phone patches f acft "off St Johns" en
route home to Pittsburgh. (19/Sep/2004) (ALS)

13927.0 USAF MARS (AFA2HF): 1210z USB, wkg REACH 285Y
(Little Rock C-130); en route Pope AFB; M&W pp with mother
who cracks him up by coming to the phone saying "Breaker
19." (11/Oct/2004) (ALS)

13927.0 USAF MARS (AFA2HF): 1233z USB, wkg REACH 01; en
route Pope AFB; M&W pp.(11/Oct/2004) (ALS)

13927.0 USAF MARS (AFA2HF): 1411z USB, wkg CACTI 31 (Travis
KC-10A; ph patch to DSN 682-4600 Nellis CP.
(11/Oct/2004) (ALS)

13927.0 USAF MARS (AFA2MH, Georgia): 2022z USB wkg SHARK 85
over Costa Rica. (13/Oct/2004) (ALS)

13927.0 USAF MARS (AFA2XZ): 1940z USB, wkg REACH 252,
returning Stateside; M&W pp. (11/Oct/2004) (ALS)

13927.0 USAF MARS (AFA4DD): 2128z USB wkg KING 21 (C-130); M
& w Ph patch. (19/Sep/2004) (ALS)

13927.0 USAF MARS (AFA4DD): 2240z USB wkg REACH 350, not

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- phone patch quality. (13/Oct/2004) (ALS)
- 13927.0 USAF MARS (AFA4DD): 2323z USB wkg AFA6AY, AFA2HF, AFA1RE. (13/Oct/2004) (ALS)
- 13927.0 USAF MARS (AFA6AY): 2324z USB wkg UHAUL 69 (C-5A, Kelly Field 433AW) ph patch. (13/Oct/2004) (ALS)
- 13927.0 USAF MARS (AFN2AC, Miami FL): 1839z USB wkg ROCK 52 (C-130E, willow Grove ARS 913AW 327AS), near Philadelphia, rqsts radio check. (19/Sep/2004) (ALS)
- 13942.0 BR1: (Brazilian Army HQs Brasilia): 2249 USB/ALE TO SP1(Brazilian Army Sao Paulo). 20/09 RP3
- 13942.0 BR1: (Brazilian Army HQs, Brasilia): 0003 USB/ALE TO SP1 (Brazilian=Army, Sao Paulo). 21/09 RP3
- 13942.0 RJ1: (Brazilian Army Rio de Janeiro): 2232 USB/ALE TO BR1(Brazilian Army HQs Brasilia). 20/09 RP3
- 13942.0 RJ1: (Brazilian Army, Rio de Janeiro): 0048 USB/ALE TO BR1 (Brazilian Army HQs, Brasilia). 19/08 RP3
- 13942.0 RJ1: (Brazilian Army, Rio de Janeiro): 2242 USB/ALE TO BR1 HQs Brazilian Army, Brasilia). 26/08 RP3
- 13942.0 RJ1: (Brazilian Army, Rio de Janeiro): 2318 USB/ALE TO BR1 (Brazilian Army HQs, Brasilia). 18/08 RP3
- 13945.0 STAT154: TUNISIAN MIL ?LOC 1038 MIL.STD 188-141A ALE on usb. C1ng STA. 1132 c1ng STAT5 (07/Oct)(DW)
- 13945.0 STAT5: TUNISIAN MIL ?LOC 1132 MIL.STD 188-141A ALE on usb. C1ng STAT154 (07/Oct)(DW)
- 13956.5 ---: MFA TUNIS 1630 fec 100/E/170 "6D4"/"FZ4". Exchanges of qsa/qru sigs between Tunis and unid Emb (03/Oct)(DW)
- 13966.7 ---: UNID 0923 PACT-I 200/-/200 Nr of call sessions, c1ng DUS, thru 0930. Nil further thru 0945 (12/Oct)(DW)
- 13972.0 CERRADO: (unidentified, Brazilian Air Force): 2243 USB/ALE sounding. Also sounding on 17982.0. 24/08 RP3
- 13972.0 CERRADO: B AF UNID loc B 01:00 USB/ALE SND Sep-12-2004 (MO)
- 13972.0 CERRADO: B Air Force B 22:03 USB/ALE SND Sep-05-2004 (MO)
- 13972.0 O/M (Portuguese): 1527 USB w/Y/L (Portuguese). 15/09 RP3
- 13972.0 SA4: (unidentified, Brazilian Air Force): 2055 USB/ALE sounding. 15/09 RP3
- 13972.0 SA4: (unidentified, Brazilian Air Force): 2122 USB/ALE TO CERRADO (unidentified). ALE handshake followed by voice, however, too weak to read. 15/09 RP3
- 13972.0 SA4: (unidentified, probable Brazilian Air Force): 2229 USB/ALE sounding. 13/09 RP3
- 13972.0 SA4: B Air Force? B 20:33 USB/ALE SND Sep-08-2004(MO)
- 13972.0 SCORPIUS: (1=BA/3=BA Grupo de Avia=E7=E3o "Escorpi=E3o" Boa Vista): 2256 USB/ALE=sounding. 03/09 RP3
- 13972.0 SCORPIUS: (Brazilian Air Force 1=BA/3=BA Grupo de Avia=E7=E3o "Escorpi=E3o" Boa=Vista): 2314 USB/ALE sounding. 14/09 RP3
- 13972.0 SCORPIUS: (Brazilian Air Force, 1=BA/3=BA Grupo de Avia=E7=E3o "Escorpi=E3o" Boa=Vista): 2218 USB/ALE sounding. Also sounding on 13224.0. 06/09 RP3
- 13972.0 SCORPIUS: (Brazilian Air Force, 1=BA/3=BA Grupo de Avia=E7=E3o "Escorpi=E3o"Boa Vista): 2143 USB/ALE sounding. 05/09 RP3
- 13972.0 SCORPIUS: 1º/3º Grupo de Aviação "Escorpião" Boa Vista B 01:14 USB/ALE SND Sep-06-2004 (MO)
- 13972.0 SCORPIUS: B AF 1º/3º Grupo de Aviação Escorpião Boa Vista 05:41 USB/ALE SND Sep-11-2004 (MO)
- 13972.0 TRIBO: B AF UNID loc B 20:54 USB/ALE SND Sep-09-2004(MO)
- 13977.7 ---: FF UNID 1634 ARQ/342 200/E/400 4rc. 2 chan. Alphas. Poor sync. Occ RT (US voices) in background from 13977/usb. (10/Oct)(DW)
- 13977.7 ---: FF UNID 1654 ARQ/342//200/E/400 4RC. 2 chan variant? Betas. Little sync thru 1800z (03/Oct)(DW)

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13978.0 RDSGC: (unidentified, probable Brazilian Air Force):
0151 USB/ALE sounding. 13/09 RP3

13978.0 RDSGC: (unidentified, probable Brazilian Air Force):
1233 USB/ALE TO=RDIAU (unidentified, probable Brazilian Air
Force). 21/09 RP3

13978.0 RDSGC: (unidentified, probably Brazilian Air Force):
2022 USB/ALE TO SFAMN (Brazilian Air Force Rescue, Manaus).
20/09 RP3

13978.0 SFAMN: (Salvamento Force Aerea-Brazilian Air Force
Rescue, Manaus): 1105 USB/ALE sounding. 12/09 RP3

13978.0 SFAMN: (Salvamento Force Aerea-Brazilian Air Force
Rescue, Manaus): 1131 USB/ALE sounding. 23/09 RP3

13986.7 ---: FF PARIS 1645 ARQ/E3 192/E/400 8rc. Betas. Poor
sync. 1648 "~gu034 oo estor de zaii~9927 284~::~". 1701
"oo zaris de paris 9955 2841705d". 1737 "zczc
igu037...oo...de paris". Cct [IGU] is Paris to Cayenne
(10/Oct)(DW)

13986.7 ---: FF UNID 0746 ARQ/E3 192/E/800 8rc. Betas.
Little sync (04/Oct)(DW)

14000.0 ADDIS: UNID 1833 USB/ALE TO BRUNDI 20Aug04 (MO)

14000.0 Colombia Telecoms: 0220 LSB SS Phonopach and ALE
(14/10/04) (AJP)

14006 TF185: Prob 185 ARW Iowa ANG or 185 Avn Co US
Army/NGB Deployed 1741 ALE/USB Sounds. (22Sep04) (RGA)

14245.6 ADDIS: UNID 0542 USB/ALE TO LIBERIA 20Aug04 (MO)

14265.0 WAOSLB (id as in Denver CO) acting as Net Control
for the International SATERN (Salvation Army Team Emergency
Radio Network): 1500 USB w/WOLXD; N9AL; and others
w/hurricane related information/assistance. 15/09 RP3

14300.0 W7GOX: (id as Net Control): 0025 USB working
Maritime Net w/K9FV; K4RYI (Panama City FL); K4MEK and K0IND
sharing traffic and information on impending arrival of
Hurricane Ivan. 15/09 RP3

14364 D61: Unid 1654 ALE/USB Calls A01. (22Sep04) (RGA)

14384 : Russian Military 1049 CW Enciphered Morse: ...
ZMWRKH0XH0MQCGSX ... PUL N AABDK QTTD ... (05Oct04) (RGA)

14396.5 AFA2BR: (USAF MARS, Houston): 1345 USB w/Florida CAP
1010 (not heard)=and KGC34A (SHARES NCC, Arlington VA). Chat
reveals that WGY974 (FL EOC,=Tallahassee) has lost contact
with all stations in the Indian River FL area.=05/09=RP3

14420 MADANI: UNJLC Madani SDN 1725 ALE/USB Calls
JUBA/UNJLC Juba. Also calls NYALA3/ UNJLC Nyalla.
(22Sep04) (RGA)

14420.0 DMAZIN: (UN, Sudan): 2132 USB/ALE sounding.
26/08 RP3

14420.0 DMAZIN: UNJLC OPS Ad Damazin SDN 0031 USB/ALE SND
17Aug04 (MO)

14420.0 GADARAF: UNJLC OPS Gadaraf SDN 0154 USB/ALE SND
18Aug04 (MO)

14420.0 GIRBA: (UN element, Sudan): 2226 USB/ALE sounding.
22/08 RP3

14420.0 GIRBA: (UN, Sudan): 0005 USB/ALE sounding. 01/09 RP3

14420.0 GIRBA: Sudan Net 1908 ALE/USB Also ATBARA, JUBA,
WAU, FASHER, (02/09/04) (AJP)

14420.0 GIRBA: UNJLC OPS Girba SDN 1343 USB/ALE SND
15Aug04 (MO)

14420.0 JUBA: UNJLC OPS Juba SDN 1541 USB/ALE TO GADARAF
17Aug04 (MO)

14420.0 MADANI: UNJLC OPS Madani SDN 0352 USB/ALE TO NYALA2
23Aug04 (MO)

14420.0 NYALA2: UNJLC OPS Nyala SDN 0553 USB/ALE TO WAU1
23Aug04 (MO)

14420.0 NYALA4: UNJLC OPS Nyala SDN 0730 USB/ALE TO ATBARA
18Aug04 (MO)

14420.0 OBIED: (UN element, Sudan): 2354 USB/ALE sounding.
22/08 RP3

14420.0 OBIED: UNJLC OPS El Obied SDN 0523 USB/ALE SND
20Aug04 (MO)

14420.0 SHENDI: UNJLC OPS Shendi SDN 1520 USB/ALE TO PORTSUDAN 22Aug04 (MO)

14422.0 RBT:Rabat emb. 1233 USB/ALE calls MAE MFA Algiers (21-aug-2004)(MSM)

14440.5 AZU749: Dinantar 1815 USB SS w/Antartic Base San Martin and Júbany(20/06/03)

14463.5 Q5: Argentine icebreaker "Almirante Irizar" 2208 USB SS in comm w/TB2 and TB1 (29/03/03)

14485.7 : Prob FF 1442 ARQ-E3/192b Idles. (04-10-04) (AD)

14487.0 E03: Lincolnshire Poacher, Cyprus 18:35 USB Message with numbers "53426 70482 35479..." End of traffic at 18:46 19/08 (SP1)

14493.5 WF1: KGG85/US FBI Washington DC 1743 ALE/USB Sounding. (06Oct04) (RGA)

14508 : Russian Military 1047 MS-5/1440/DPSK/USB Cipher. (05Oct04) (RGA)

14520.0 no call: Unid arabic station, 19:35 utc USB traffic with one om and one yl in arabic 19/08 (SP1)

14528.6 USAF MARS: station with NOAA weather reports: 1410 PACTOR (19/AUG/04) (JLM)

14560.0 116; UNID ? 0627 USB/ALE TO 101 24-Aug-04 (MO)

14560.0 Unid: 0040 FSK 75/850 (13/10/04) (AJP)

14569.0 SCLC513 (Subordinate Local Communications Center, 513th Jungle Inf Bn, Venezuelan Army): 1206 USB/ALE TO CLC51 (Local Communications Center, 51st Jungle Inf Bde). Also noted on 10115.0 & 12191.0. 02/09 RP3

14582.0 BR1: Brazilian Army 2038 ALE/USB Clg RJ1 (16/10/04) (AJP)

14585.7 : Prob FF 1445 ARQ-E3/192b Idles. (04-10-04) (AD)

14653.0 A090ZN: (Nat'l Guard, Arizona): 1724 USB/ALE TO HQ705N (unidentified Nat'l Guard HQs element). 25/08 RP3

14653.0 C090AN: (Nat'l Guard unit, California): 2002 USB/ALE TO HIC93NG=20(Nat'l Guard 93rd WMD-CST unit, Hawaii). 03/09 RP3

14653.0 C090AN: (Nat'l Guard unit, California): 2007 USB/ALE TO MOC07NG (Nat'l=20Guard 7th WMD-CST unit, Missouri). 03/09 RP3

14653.0 C090AN: (Nat'l Guard unit, California): 2021 USB/ALE TO TNC45NG (Nat'l=Guard 45th WMD-CST, Smyrna TN). 03/09 RP3

14653.0 HQ701N: probably NG HQs Arlington VA USA 0128 USB/ALE TO G090UN 19Aug04 (MO)

14653.0 HQ703N: 1936 7US Army 03rd Main Support Bn, Ft Stewart/Hunter AAF GA USB/ALE to G09 02/09 (PP1)

14653.0 HQ703N: possibly HQs Nat'l Guard Readiness Center VA USA 2237 USB/ALE TO T040NN 17Aug04 (MO)

14653.0 K070SN: (Nat'l Guard SIPR node, Kansas): 1533 USB/ALE TO HQ703N (Nat'l Guard HQs element, Arlington VA). 23/08 RP3

14653.0 M080TN: (Nat'l Guard unit, Montana): 1301 USB/ALE sounding. 27/08 RP3

14653.0 V020IN: (Nat'l Guard, US Virgin islands): 1954 USB/ALE TO NYC02NG (Nat'l Guard, New York City). 13/09 RP3

14664 : Russian Military 1450 36-50/50 BEE. (04-10-04) (AD)

14670.7 Unid: 2116 ARQ-E3 QRM from CHU. Betas. Possible Libreville, Gabon (08/10/04) (AJP)

14671 RABAT: French Embassy Rabat MRC 1615 ALE/USB Calls CER11/MFA Paris. (08Oct04) (RGA)

14671 RABAT: French Embassy Rabat MRC 1617 ALE/USB Calls CONAKRY/Conakry GUI Embassy. (08Oct04) (RGA)

14671.0 AMMAN: F Emb Amman JOR 1158 USB/ALE TO RIYAD 20Aug04 (MO)

14671.0 CER41: MFA Paris F 1932 USB/ALE TO LECAIRE 18Aug04 (MO)

14671.0 KHARTOUM: F Emb Khartoum SDN 0523 USB/ALE TO BUJUMBURA 20Aug04 (MO)

14671.0 LECAIRE: F Emb Cairo EGY 2005 USB/ALE TO CER41

18Aug04 (MO)
 14671.0 RABAT: F Emb Rabat MRC 1808 USB/ALE TO CER11
 18Aug04 (MO)
 14680.0 V5G: Rou-MFA qru all =3D qrx tmw gb 73/88 =3D =3D =
 3D v5g v5g v5g =3D op c 18 qsp gd fr all =3D nw hr 1003
 A1A 16-aug-04(SE)
 14683.0 CENTR5: MFA Bucharest ROU 09:02 USB/ALE TO Z2H98
 Aug-26-2004 (MO)
 14694.0 Q3: Argentine Army 2215 USB SS Phonepach (QSX
 15820.0) Unid Antarticbase w/LTA (04/10/04) (AJP)
 14703.0 Unid: 1823 USB SS Jubany, Orcadas and Marambio in
 phonepach with family at continent (29/03/03)
 14705.0 BR1: Brazilian Army 2301 ALE/USB clg SP1
 (13/10/04) (AJP)
 14731.2 RFVI: FF Le Port Reunion 1150 ARQ-E3 192/400 Betas
 and "Controle de Voie" (28/09/04) (AJP)
 14731.7 RFVI: ff la reunion 1518 ARQ-E 192 Aug22 04 ML
 14757 88: Unid Singapore Navy 1622 ALE/USB Calls
 TF1/Apparent RSN NCS/Commcen. (22Sep04) (RGA)
 14761.5 SKYWAT: (Skywatch, US Army Flight Watch, Soto Cano
 AB Honduars): 1327 USB/ALE sounding. Also sounding on
 16144.5. 20/09 RP3
 14761.5 SKYWAT: (Skywatch, US Army Flight Watch, Soto Cano
 AB, Honduras): 1438=USB/ALE sounding. 21/09 RP3
 14776.0 421FEMAUX: FEMA Auxiliary Station, Concord NH USA
 21:22 USB/ALE SND Aug-29-2004 (MO)
 14776.0 AF7: C-20 # 86-0403 99th AS Andrews 20:02 USB/ALE
 SND Sep-10-2004 (MO)
 14776.0 FC8FEM: FEMA Region 8 Denver CO USA 12:49 USB/ALE
 SND Sep-11-2004 (MO)
 14776.0 FC8FEM: WGY908 FEMA Region 8 Denver CO USA 16:49
 USB/ALE SND Sep-09-2004 (MO)
 14776.0 FR5FEM: FEMA Region 5 Battle Creek MI USA 21:29
 USB/ALE SND Sep-09-2004 (MO)
 14776.0 WV3: FEMA Region 3 unit, West Virginia USA 21:27
 USB/ALE SND Aug-29-2004 (MO)
 14780.0 BTLCMC1: (Brazilian Marine Special Forces Bn): 1055
 USB/ALE sounding. 24/09 RP3
 14780.0 ERMBEL: (Brazilian Navy Radio Station, Belem): 1328
 USB/ALE TO ERMRIO (Brazilian Navy Radio Station, Rio de
 Janeiro). 13/09 RP3
 14780.0 ERMRIO: (Brazilian Navy Radio, Rio de Janeiro): 0142
 USB/ALE TO NTMRJO (Brazilian Navy Oiler "Marajo", G-27).
 13/09 RP3
 14812.0 ETD165: POL MIL ? 1211 USB/ALE TO LCR154
 24-Aug-04 (MO)
 14812.0 LCR154: POL MIL ? 1211 USB/ALE TO ETD165
 24-Aug-04 (MO)
 14824.0 LCR152: Pol Mil prob. Janki n/warsaw 1421 USB/ALE
 calls unid POLMIL AQX047 (21-aug-2004)(MSM)
 14830 : Russian Military 1036 81-81/40.5/450 Cipher.
 (05Oct04) (RGA)
 14835.0 no call: Ukrainian mil 14:39 ITA2/50/500 encrypted
 traffic after "Kriptograma buran zzzzzz" 5/sept04 (PPA)
 14896 : Unid 1505 RTTY/75/170 Encrypted. (04-10-04) (AD)
 14996.0 RWM: Moscow, RUS, 1140, CW, time signals,
 19/8/2004 (CK)
 15000 5557: N.African Net 1606 ALE/USB Sounding.
 (06Oct04) (RGA)
 15000 5557: Unid 1606 ALE/USB Sounding. (22Sep04) (RGA)
 15000.0 5557: unid N.African Net 1502 USB/ALE snd
 (21-aug-2004)(MSM)
 15000.0 6s3429: Colombia Telecoms ?? 1210 ALE/USB clg 1901
 dial ?? (29/09/04) (AJP)
 15025 A7-ACE: Qatar Airways A330 Flt QR0001 1415 HFDL Posn
 3938N 02057E. (23Sep04) (RGA)
 15025 AFR577: Air France Flt 1249 HFDL Posn report to
 Reykjavik 4557N 02424E. (23Sep04) (RGA)

WUN-v10

15025 B-6051: China Eastern A340-642 Flt MU0551 1419 HFDL
Posn 6142N 05436E. ICAO ID 08039E. (23Sep04) (RGA)

15025 CN-RNX: Royal Air Maroc A321 Flt 930 1402 HFDL At
3322N 00736W. (08Oct04) (RGA)

15025 CN-RNY: Royal Air Maroc A321 Flt AT0561 1326 HFDL
Posn 3426N 00312W. (23Sep04) (RGA)

15025 HL-7462: Korean Air B747 Flt Flt KE0521 1400 HFDL
Posn 6135N 06120E. (23Sep04) (RGA)

15025 I-LIVB: Livingstone A321 1606 HFDL Signs on.
(30Sep04) (RGA)

15025 N14102: Continental B757 Flt CO0065 1321 HFDL Posn
4905N 04301W. ICAO ID 5B1505. (23Sep04) (RGA)

15025 N254UP: UPS MD11F Flt UP6703 1353 HFDL Posn report
4152N 07026W to ARINC Reykjavik. (08Oct04) (RGA)

15025 N331UP: UPS B747 Flt UP6727 1544 Takes LFPG weather
from ARINC Reykjavik. (30Sep04) (RGA)

15025 N585NW: Northwest B757-351 1622 HFDL Signs on.
(30Sep04) (RGA)

15025 N76054: Continental B767 1309 HFDL Posn 5204N
04202W. Prob Flt CO0041. (23Sep04) (RGA)

15025 N76156: Continental B767 Flt CO0081 1401 HFDL Signs
on. (08Oct04) (RGA)

15025 OH-LBX: Finnair B757 Flt AY2736 1353 HFDL Posn 4554N
02526E. (23Sep04) (RGA)

15025 VP-BWJ: Aeroflot A319 Flt SU0203 1320 HFDL Posn
5818N 03410E. (23Sep04) (RGA)

15025.0 Aeroflot SU0107: 1607 HFDL/USB [HFNPDU
PERFORMANCE] 16:07:20 UTC Flight ID = SU0107 LAT 51 16 36
N LON 12 6 13 E 23/Aug/2004 (TR)

15025.0 Continental CO0037: 1037 HFDL/USB [HFNPDU
PERFORMANCE] 10:37:50 UTC Flight ID = CO0037 LAT 51 1 27
N LON 16 45 49 W 26/Aug/2004 (TR)

15025.0 Continental CO0041: 1036 HFDL/USB [HFNPDU
PERFORMANCE] 10:36:38 UTC Flight ID = CO0041 LAT 49 58 23
N LON 10 20 53 W 26/Aug/2004 (TR)

15025.0 Continental CO0045: 1057 HFDL/USB [HFNPDU
PERFORMANCE] 10:57:28 UTC Flight ID = CO0045 LAT 45 9 54
N LON 7 18 29 E 26/Aug/2004 (TR)

15025.0 Continental CO0051: 1052 HFDL/USB [HFNPDU
PERFORMANCE] 10:52:46 UTC Flight ID = CO0051 LAT 53 45 38
N LON 0 10 26 W 26/Aug/2004 (TR)

15025.0 Egypt Air MSR799: 1057 HFDL/USB [HFNPDU FREQUENCY
DATA] 10:57:10 UTC Flight ID = MSR799 LAT 39 56 24 N
LON 14 34 24 E 26/Aug/2004 (TR)

15025.0 Finair AY1024: 1056 HFDL/USB [HFNPDU FREQUENCY
DATA] 10:56:14 UTC Flight ID = AY1024 LAT 50 20 43 N LON
26 3 18 E 26/Aug/2004 (TR)

15025.0 Finair AY2740: 1034 HFDL/USB [HFNPDU PERFORMANCE]
10:34:32 UTC Flight ID = AY2740 LAT 46 22 13 N LON 22 14
7 E 26/Aug/2004 (TR)

15025.0 Finair AY774P: 1033 HFDL/USB [HFNPDU PERFORMANCE]
10:33:22 UTC Flight ID = AY774P LAT 50 26 50 N LON 3 22
57 W 26/Aug/2004 (TR)

15025.0 Livingston LVG534: 1032 HFDL/USB [HFNPDU
PERFORMANCE] 10:32:22 UTC Flight ID = LVG534 LAT 39 18 51
N LON 0 50 0 W 26/Aug/2004 (TR)

15025.0 Lufthansa LH8297: 1034 HFDL/USB [HFNPDU
PERFORMANCE] 10:34:54 UTC Flight ID = LH8297 LAT 47 55 10
N LON 14 46 5 E 26/Aug/2004 (TR)

15025.0 Lufthansa LH8413: 1034 HFDL/USB [HFNPDU
PERFORMANCE] 10:34:24 UTC Flight ID = LH8413 LAT 180 0 0
N LON 180 0 0 E 26/Aug/2004 (TR)

15025.0 Qatar Airways QR0043: 1608 HFDL/USB [HFNPDU
PERFORMANCE] 16:07:20 UTC Flight ID = QR0043 LAT 51 22 13
N LON 9 7 38 E 23/Aug/2004 (TR)

15025.0 Skywatch (US Army Flight watch Center, Soto Cano AB
Honduras): 1211 USB calling Smasher (Southcom Flight watch
Center, Key west FL) for radio checks w/no response.

15/09 RP3
15025.0 Smasher (Southcom Flight Watch Center, Key West FL):
1442 USB calling Army 146 w/no response. 15/09 RP3
15025.0 UNID: 1036 HFDL/USB [HFNPDU PERFORMANCE] 10:36:42
UTC Flight ID = 760 LAT 41 29 37 N LON 3 8 38 W
26/Aug/2004 (TR)
15034.0 CHR: canf trenton 1230 USB id wx forecast
Sep19 04 ML
15034.0 Trenton Military: 2158 USB w/volmet. 15/09 RP3
15043 JPS: USA-Mil deployed Iraq clg [OPS] ALE 1351
20-09-04 [SW]
15043 R26606: 171st Avn, deployed Iraq clg [OPS171]
ALE 1346 20-09-04 [SW]
15043 OFF: Offutt AFB NE USA 1540 ALE/USB Sounding.
IKF/Keflavik calls CRO/Croughton and PLA/Lajes sounds.
(30Sep04) (RGA)
15043 OFF: Offutt AFB NE USA 1557 ALE/USB Sounding.
(06Oct04) (RGA)
15043.0 591448: (KC-135 # 59-1448): 1712 USB/ALE sounding.
22/09 RP3
15043.0 MPA: HF-GCS Mt. Pleasants 1717 ALE/USB Sounding
(14/09/04) (AJP)
15043.0 T49: Unid [TWS] T49 1934 ALE 21-aug-04(SE)
15091 DA0003DAT: USA-Af unid snds ALE 1926 23-09-04 [SW]
15091.0 ADWSPR: (Secure Internet Protocol Net node, Andrews
AFB): 1547 USB/ALE TO E30352DAT (E-3B AWACS # 77-0352,
Tinker AFB). 12/09 RP3
15091.0 JNRSPR: HF-GCS Salinas Puerto Rico 1715 ALE/USB
HAWSPR JTYSR, HIKSPR, JDGSPR (05/09/04) (AJP)
15094.0 KNY90: (SHARES station): 1633 USB/ALE TO KNY82
(SHARES station). 18/08 RP3
15094 AAT3BFMARS: SHARES Army Mars Newark,DE 2130 ALE /
Sounding (20/Oct/2004) (Anon)
15468.2 CAN6D: Centro Met. Antártico 1237 RTTY 50/200 Base
Pte. Frei M. - wx(19/12/03)
15616.0 Unid: 1907 CW w/5-figure groups. No callsign noted.
24/09 RP3
15851.0 FAAZBW: FAA Boston ARTCC USA 21:38 USB/ALE SND
Aug-26-2004 (MO)
15851.0 FAAZJX: FAA Jacksonville ARTCC USA 21:28 USB/ALE SND
Aug-26-2004 (MO)
15867 CS6: COTHEN Remote Kansas City MO 1649 ALE/USB Wkg
D46/BICE P-3 AEW&C N146CS/ BuNo 154605 Jacksonville AMB FL.
(06Oct04) (RGA)
15867 M49: C-12M Maritime Surveillance Aircraft 2210
ALE/USB. (06Oct04) (CC)
15867 TP6: Unid 2319 ALE/USB (06Oct04) (CC)
15867.0 Panther: (DEA OPBAT, Nassau Bahamas): 1852
w/aircraft 25 (probable CG 6025, HH-60 CGAS Clearwater)
confirming that 25 has landed at homeplate. 22/09 RP3
15877.0 AMM: British emb. Amman, JOR 1442 USB/ALE snd
(21-aug-2004) (MSM)
15920.0 CFH: CF 2104 RTTY 75/850 Naws de CFH
(08/10/04) (AJP)
15921.0 CER11: (French MFA, Paris): 1310 USB/ALE TO RABAT
(French Embassy, Morocco). 27/08 RP3
15921.0 CER11: (French MFA, Paris): 1808 USB/ALE TO RABAT
(French Embassy,=Morocco). 03/09 RP3
15921.0 CER41: MFA Paris F 1132 USB/ALE TO LECAIRE
19Aug04 (MO)
15921.0 KHARTOUM: F Emb Khartoum SDN 1520 USB/ALE TO
BUJUMBURA 20Aug04 (MO)
15921.0 LECAIRE: F Emb Cairo EGY 2005 USB/ALE TO CER41
16Aug04 (MO)
15921.0 RABAT: F Emb Rabat MRC 1500 USB/ALE TO CER11
20Aug04 (MO)
15932.0 NEBRSL: (Brazilian Navy Training Frigate "BRASIL"
U-27): 2009 USB/ALE TO ERMNAT (Brazilian Navy Radio

Station, Natal)--[AMD]FAXDATA CK. 24/09 RP3
15932.0 NEBRSL: (Brazilian Training Frigate "Brasil" U-27):
1934 USB/ALE TO ERMNAT (Brazilian Navy Radio, Natal). Also
noted on 19709.0. 27/08 RP3
15959.0 Unid: 2151 FSK 75/850 Possible Stanag4481 ACF=0
(07/10/04) (AJP)
15961.7 ---: Unid 1119 ARQ-E3 192/400 Betas
(14/09/04) (AJP)
15961.7 Unid: 1119 ARQ-E3 192/400 Betas (14/09/04) (AJP)
15988.0 DDK7/DDK8: 1925 RTTY 50/425 w/test tape--CQ DDK8
DDK7 FREQUENCIES 11638 KHZ 15988 KHZ. Noted on 11638
sending 5-digit wx msgs. 24/09 RP3
16030 88: Unid Singapore Navy 1805 ALE/USB Calls 9VT/Prob
HQ RSN who responds. (22Sep04) (RGA)
16077.0 G333: (unidentified): 1757 USB/ALE sounding. Also
sounding on 12070.0=06/09 RP3
16077.0 MVD1: (Army Corps of Engineers, Mississippi Valley
Division, Vicksburg MS): 2000 USB/ALE sounding. 26/08 RP3
16077.0 MVD1: (Army Corps of Engineers, Mississippi Valley
Division, Vicksburg=MS): 1449 USB/ALE sounding. 21/09 RP3
16077.0 MVD1: (Corps of Engineers, Mississippi Valley
Division, Vicksburg MS): 1723 USB/ALE sounding. 25/08 RP3
16077.0 MVD1: (US Army Corps of Engineers, Mississippi
Valley Division, Vicksburg MS). 19/08 RP3
16077.0 MVD1: (US Army Corps of Engineers, Mississippi
Valley Division,=Vicksburg MS): 1441 USB/ALE sounding. Also
sounding on 12070.0 & 16326.0. 06/09 RP3
16077.0 MVD1: USACE Mississippi Valley Division Vicksburg MS
USA 0011 USB/ALE SND 17Aug04 (MO)
16122.3 Unid: 2144 FSK 50/850 ACF=0 (07/10/04) (AJP)
16125 STAT11: UNID Tunisian MOI, TUN 0810 USB/MIL-STD
188-141A/PACTOR-II ARQ, encrypted traffic to STAT151
(16Oct04) (LDO)
16135.0 KVM70: Honolulu Meteo 1940 FAX 120 pressure chart
//23331.5 (07/10/04) (AJP)
16137.0 no-call: Dep. of State Comms Moscow, RUS 1054
MFSK-32/CROWD36, short msg "QSY 14568 16235 18454 QRU K" to
unloc. recipient (21Aug04) (LDO)
16143.7 : Unid FF 1510 ARQ-E3/192 Rep cycles 8 but still no
synch. (04-10-04) (AD)
16143.9 unid: 1244 arq-e3/192/364 no synch with code 3..
found that the beta bits 0101100 are ok, but the normally
inverted 8.th bit comes as 1111111 29Sep04 (wp3)
16144.5 SKYWAT: (Skywatch, US Army Flight Watch Center, Soto
Cano AB Honduras): 2132 USB/ALE sounding. 27/08 RP3
16144.5 SKYWAT: (Skywatch, US Army Flight watch, Soto Cano
AB Honduras):=A0 1959=USB/ALE sounding. 03/09 RP3
16161.6 O/M (Arabic): 1938 USB w/O/M (Arabic). 24/09 RP3
16180.0 AV3: Chilean Ny 1755 ALE/LSB Also CA2, FR3, HLA,
AV2, APM, TAC, CVF, GRZ, CCC, MXS, G3W, (27/08/04) (AJP)
16207.0 Unid 1751 T600/36-50 Possible Russian Mil.
(07/10/04) (AJP)
16234 : Russian Military 1332 36-50/50 BEE.
(04-10-04) (AD)
16275 GADAREF: UNJLC OPS Gedaref, SDN 1132 USB/MIL-STD
188-141A, sounding (16Sep04) (LDO)
16275 MADANI: UNJLC OPS wad Madani, SDN 1141 USB/MIL-STD
188-141A, calling FAW1 (13Sep04) (LDO)
16275 NYALA3: UNJLC OPS Nyala, SDN 1331 USB/MIL-STD
188-141A, sounding (15Sep04) (LDO)
16275 NYALA4: UNJLC OPS Nyala, SDN 1726 USB/MIL-STD
188-141A, sounding (16Sep04) (LDO)
16275 TEST: UNID UNJLC OPS node, SDN 1740 USB/MIL-STD
188-141A, calling GADAREF (13Sep04) (LDO)
16275.0 GADAREF: UNJLC OPS Gedaref, SDN 1132 USB/MIL-STD
188-141A, sounding (16Sep04) (LDO)
16275.0 MADANI: UNJLC OPS wad Madani, SDN 1141 USB/MIL-STD
188-141A, calling FAW1 (13Sep04) (LDO)

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16275.0 NYALA3: UNJLC OPS Nyala, SDN 1331 USB/MIL-STD188-141A, sounding (15Sep04) (LDO)

16275.0 NYALA4: UNJLC OPS Nyala, SDN 1726 USB/MIL-STD 188-141A, sounding (16Sep04) (LDO)

16275.0 TEST: UNID UNJLC OPS node, SDN 1740 USB/MIL-STD 188-141A, calling GADAREF (13Sep04) (LDO)

16320.0 RIYAD: F Emb Riyadh ARS 1745 USB/ALE TO AMMAN 18Aug04 (MO)

16331.8 "P": : rus navy Kaliningrad 0813 cw Channel Marker 24Aug04 (wp3)

16331.8 P: chnl mkr "P" Rus-N 1406 A1A 16-aug-04(SE)

16331.9 "S": : rus navy Archangelsk 0816 cw Channel Marker 24Aug04 (wp3)

16332 P: MX Beacon Kaliningrad 0017 CW // 20049 13528 7039 5154. (30 Aug 04) (WC)

16332.0 "C" : rus navy Moscow 0814 cw Channel Marker 24Aug04 (wp3)

16338.5 A100KN: (Nat'l Guard unit, Alaska): 2224 USB/ALE TO HQ703N (Nat'l Guard HQs, element, Arlington VA). 27/08 RP3

16338.5 C080ON: (Nat'l Guard unit, Colorado): 1808 USB/ALE TO HQ704N (unidentified Hqs element, Nat'l Guard, Arlington VA). 01/09 RP3

16338.5 C080ON: (National Guard, Colorado): 2037 USB/ALE TO HQ703N (National Guard HQs unit, Arlington VA). 26/08 RP3

16338.5 HAF: UNID 12:28 USB/ALE TO L060AN Sep-10-2004 (MO)

16338.5 I050LN: (Nat'l Guard SIPR node, Illinois): 1525 USB/ALE TO HQ703N (Nat'l Guard HQs element, Arlington VA)--[AMD]HQ 703N SPR MESSAGE RECVD 23AUG. 23/08 RP3

16338.5 M010EN: FEMA Region 1 ME USA 11:36 USB/ALE TO M010AN Sep-11-2004 (MO)

16338.5 O060KN: (Nat'l Guard, Oklahoma): 1436 USB/ALE TO HQ703N (Nat'l Guard HQs, Arlington VA)-- [AMD]TEST TEST TES PLEASE RESPOND. 12/09 RP3

16338.5 O100RN: (Nat'l Guard unit, Oregon): 1558 USB/ALE TO A100KN (Nat'l Guard unit, Alaska). 01/09 RP3

16338.5 PMTRACS: US Mil Program Manager for Tactical Radio Communications Systems 13:49 USB/ALE TO T040NN Sep-10-2004 (MO)

16338.5 PMTRACS: US Mil Program Manager for Tactical Radio Communications Systems 14:05 USB/ALE TO T040NN Sep-10-2004 (MO)

16338.5 T040NN: FEMA Region 4 Tennessee USA 19:50 USB/ALE TO HQ703N Sep-08-2004 (MO)

16345.0 BR1: (Brazilian Army HQs Brasilia): 2152 USB/ALE TO PR1(Brazilian Army Parana). 20/09 RP3

16346.7 : Unid Egyptian Diplo 1638 ARQ End of sked 'huxd yks yks' and offair. (08Oct04) (RGA)

16355.0 SARBR: (Brazilian Rescue & Coordiantion Center, Brasilia): 2200 USB/ALE sounding. 20/09 RP3

16355.0 SARBR: (Brazilian Search & Rescue): 2257 USB/ALE sounding. 25/08 RP3

16355.0 SARBR: (Brazilian Search & Rescue): 2353 USB/ALE sounding. 24/08 RP3

16355.0 SARBR: B AF SAR Brasilia B 19:12 USB/ALE SND Sep-10-2004 (MO)

16390.9 ---: Unid 1715 Piccolo 6 tones (24/09/04) (AJP)

16390.9 Unid: 1715 Piccolo 6 tones (24/09/04) (AJP)

16546.0 unid: prob. philipine St. 2035 Sitor-Fec 100Bd/170Hz SEATTLETRADERINFO.COM.PH web adress is for sale ? (01/SEP/04) (KK)

16607.0 BTLCMC: (probable Brazilian Naval Marine Infantry unit): 1315 USB/ALE TO ERMNAT (Brazilian navy Radio, Natal). 23/08 RP3

16607.0 ERMBEL: B Navy Belém B 1910 USB/ALE TO BTLCMC1 20Aug04 (MO)

16711 CUL: Lisboa Radio Portuga1 1435 ARQ SELCAL KPCV. (02-10-04) (AD)

16804.5 9HUY7: 1302 LADY VIRGINIE Maltese ca ship DSC call

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to 2275300 CROSSCORSEN 02/09 (PP1)
16804.5 EHVR: 1220 INDALO Spanish cim ship DSC call to
LYNGBY 219100002/09 (PP1)
16804.5 ELSF4: 1358 AVALON Liberian blk ship 25099 calling
3669995 CAMSLANT Portsmouth USA DSC 02/09 (PP1)
16804.5 P3ZY6: 1310 COSCO NORFOLK Cyprus con ship DSC call
to Lyngby 02/09(PP1)
16804.5 SWVQ: 1341 SAMJOHN CAPTAIN Greek blk ship selcal
17194 DSC call to Lyngby 02/09 (PP1)
16804.5 SYFK: 1205 SEA QUEEN green cit ship selcal 17179 DSC
call 02/09 (PP1)
16814.5 cbv: : Valparaiso Radio 2117 cw Marker 24Aug04 (wp3)
16819.5 NMN: CAMSLANT Portsmouth VA USA 1343 ARQ w/Morse ID.
(06Oct04) (RGA)
16822.5 udk2: : Murmansk Radio 1023 sitor-a traffic to unid
ship 24Aug04(wp3)
16829.5 Arkhangelsk Radio: 0940 Sitor B news in Latinized
Russian 20/08(PP1)
16829.5 Arkhangelsk Radio: 1005 Sitor B news in Latinized
Russian 20/08(PP1)
16829.5 uce: : Archangelsk Radio 0943 sitor-b navarea msg
sk-22 oficialxnaq informacij o wnesenii izmenenij
24Aug04 (wp3)
16831.0 SVO: (Athens Radio): 1240 CW marker. 24/09 RP3
16910 HLJ: SeoulRadio KOR 1346 CW QSX marker with faulty
keying. (06Oct04) (RGA)
16910.0 slj: unid SWE navy ? 0756 cw cq cq cq de slj slj slj
qsx o6 mhz k 24Aug04 (wp3)
16927.0 Kaliningrad Radio: 1015 RTTY 50/170 news
20/08 (PP1)
16927.0 uiw: : Kaliningrad Radio 1014 rtty 50/170 ZCZC
KALININGRAD 262242/03 23/08 1215= pereda4a 230804 prip
peterburg 132 karta 28010 kniga 2201 wyborgskij zaliw
neswetq#ij buj lewoj storony 60-41.80s 028-43.00w
24Aug04(wp3)
16943.2 NATO: 2040 Stanag4285 (08/10/04) (AJP)
16951 RFTJE: FN Dakar 1624 RTTY/75/850 TEST TAPE.
(30/Sep/04) (RH2)
16952.0 RFTJE: (FR Navy, Dakar): 1240 RTTY 75/850 w/test
tape. 24/09 RP3
16958.2 FUJ: FN Noumea NCL 0700 RTTY/75/850 Testing RYS
etc. (11Oct04) (BC3)
16961.5 fuf: : FN Fort de France 2043 rtty 75/820
24Aug04 (wp3)
16961.5 FUF: FN Fort de France MRT 0705/ RTTY/75/850 Testing
RYS etc. (11Oct04) (BC3)
16962.0 FUF: (FR Navy, Fort-de-France): 1235 RTTY 75/850
w/test tpe. 24/09 RP3
16962.0 FUF: (French Navy, Fort de France): 2040 RTTY 75/850
w/test tape. Also=20 noted on 13031.6. 14/09 RP3
16962.0 FUF: (French Navy, Fort de France): 2040 RTTY 75/850
w/test tape. Also=noted on 13031.6. 14/09 RP3
16986.0 ctp: : NATO Lissabon 1051 rtty 75/850 naws naws de
ctp ctp qsx 04 08 12 16 mhz ar 24Aug04 (wp3)
16986.4 CTP: (Portuguese Navy): 2044 RTTY 75/850 w/NAWS
tape. 14/09 RP3
16990.0 HLO: Seoul R 0257 CW CQ de HLO QSX 16 Mhz.
(09/10/04) (AJP)
16997.5 WLO: mobile 1603 FEC Sep05 04 ML
17010.0 ERMBEL: B Navy Belém B 0951 USB/ALE TO BTLCMC1
18Aug04 (MO)
17010.0 ERMSAL: (Brazilian Navy Radio, salvador): 1729
USB/ALE TO FRADEM=(Brazilian Navy Frigate "Rademaker",
F-49). 03/09 RP3
17010.0 FBOSIS: (Brazilian Navy Frigate "Bosisio", F-48):
2338 USB/ALE TO ERMRIO (Brazilian Navy Radio Station, Rio
de Janeiro). 20/09 RP3
17054.5 unid: NATO 1949 rtty 75/71 KG84 encrypted

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ryryryryvmgtcnjbhoeff... 24Aug04 (wp3)
17066.5 GW Hamala: 1124 Globedata Traffic (12/10/04) (AJP)
17069.5 jjc: : Kyodo news Tokyo 1432 fax 60 japanese
newspaper 24Aug04 (wp3)
17079.0 GW Seoul: 1120 Globedata (12/10/04) (AJP)
17106.6 Unid: 2033 Stanag4285 Posible FN Fort de France
(08/10/04) (AJP)
17128.2 NATO: 2030 Stanag4285 (08/10/04) (AJP)
17146.4 CBV: valparaiso 1945 FAX poor quality chart
Aug25 04 ML
17146.4 CBV: valparaiso 2103 FAX wx txt Aug25 04 ML
17146.4 CBV: Valparaiso Playa Ancha 2205 FAX/120/576 Surface
Analysis (bad copy). //8677. (01Oct04) (CC)
17146.4 CBV: Valparaiso Playa Ancha CHL 2205 FAX/120/576
Surface Analysis (bad copy). //8677. (01Oct04) (CC)
17146.5 CBV: Valparaiso Met 1651 FAX/120/576 Nice satpix but
bad QRM fm URL/CW. (30/Sep/04) (RH2)
17147.0 URL: sevastopol 1955 CW Aug25 04 ML
17147.0 URL: sevastopol 1955 CW message Aug25 04 ML
17151.2 NMC: CAMSPAC Point Reys CA USA 2140 FAX/120/576
Tropical wind and wave (Fair copy) (2 charts) 2149. //22527
8682. (01Oct04) (CC)
17151.2 NMC: CAMSPAC Point Reys CA USA 2149 FAX/120/576
Tropical wind and wave (Fair copy) (2 charts). //22527 8682.
(01Oct04) (CC)
17170.4 ZLA: Globewireless Awanai NZL 1010 GLOBEDATA Weak
but readable. (08Oct04) (RGA)
17217 VIE: Globewireless Darwin NT AUS 1354 GLOBEDATA
Idlers. (08Oct04) (RGA)
17247.0 Sevastopol: 1015 Sevastopol R CW "de url"
20/08 (PP1)
17260.0 WLO: mobile 2021 ee yl wx Sep04 04 ML
17402.4 VCT: Globewireless Tor's Cove NF CAN 1357 GLOBEDATA
Briefly in traffic then idlers. (08Oct04) (RGA)
17441.5 5YE: Nairobi Meteo 1621 RTTY/100/850 Wx codes.
(30/Sep/04) (RH2)
17441.6 5YE: Nairobi Meteo 1734 RTTY 100/850 "CQ de 5YE"
(14/09/04) (AJP)
17468.0 RIW: Rus-N HQ c1g warship "rgv82 de riw qyt qsx 21 4
8 3 / 21 4 83 k" 1238 A1A 20-aug-04(SE)
17477.0 RABAT: F Emb Rabat MRC 1141 USB/ALE TO CONAKRY
19Aug04 (MO)
17928 N666US: Northwest B747 1431 HFDL Acks landing
weather for Manila from ARINC Hat Yai. (08Oct04) (RGA)
17934 N305UP: UPS Flt UP6711 1604 HFDL Reports 4821N
04726W to ARINC Riverhead NY. (08Oct04) (RGA)
17934 N59053: Continental B767 1621 HFDL Signs on.
(08Oct04) (RGA)
17934 OH-LBT: Finnair B757 Flt AY7753 1621 HFDL Signs on
to Riverhead. (08Oct04) (RGA)
17934 TZ0152: American Transair Flt 1605 HFDL At 4015N
092W. (08Oct04) (RGA)
17934 TZ0428: American Transair Flt 1609 HFDL At 2754N
08241W. (08Oct04) (RGA)
17937.0 Lima Flight Support: (very weak): 1246 USB
w/unidentified aircraft who confirms receipt of selcal and
will report again when over Cartegna, Colombia. 24/09 RP3
17940.0 Houston Radio: 1625 USB w/Northwest 710 (not heard)
w/arrival information to be relayed to undisclosed party.
24/09 RP3
17940.0 O/M (SS): 2023 USB w/unidentified aircraft (O/M SS)
reporting flight conditions. mentions departure from Las
Palmas. probable Iberia LDOC. 24/09 RP3
17946.0 89-1190: 1747 USB MWARA NAT-A/D/E/F, Reach
89-1190, selcalCFQR, working New York with posn, wx, fuel
status and selcal check 23/Aug/2004 (TR)
17946.0 N958DL: 1754 USB MWARA NAT-A/D/E/F, Delta N691AA,
selcal GJRS, working New York with posn, wx and fuel status,

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requesting new flightlevel 360, New York refuses and advises to maintain F330 23/Aug/2004 (TR)

- 17967 A7-ACB: Qatar Airways A330 0935 HF DL Posn report 3323N 00736W to ARINC Muharraq. (06Oct04) (RGA)
- 17967 A7-ACB: Qatar Airways A330 Flt QR0015 1259 HF DL Signs on. (14Oct04) (RGA)
- 17967 B-6012: China Eastern A320 Flt CES551 1312 HF DL At 6140N 05535E. (14Oct04) (RGA)
- 17967 B-6051: China Eastern A340 Flt 1254 HF DL Signs on to Muharraq. Bound EGLL. (14Oct04) (RGA)
- 17967 CN-RNX: Royal Air Maroc A321 Flt AT0770 1312 HF DL Signs on to ARINC Muharraq. (14Oct04) (RGA)
- 17967 D-ALCC: Lufthansa Cargo MD11F 0946 HF DL Signs on. (06Oct04) (RGA)
- 17967 D-ALCE: Lufthansa Cargo MD11F Flt LH8442 1153 HF DL Signs on to ARINC Muharraq. (14Oct04) (RGA)
- 17967 D-ALCI: Lufthansa Cargo MD11F 1320 HF DL Signs on. Prob LH8411. (14Oct04) (RGA)
- 17967 N14115: Continental B757 1421 HF DL Signs on. (14Oct04) (RGA)
- 17967 N273UP: UPS MD11F 1030 HF DL 1030 HF DL Signs on. (06Oct04) (RGA)
- 17967 N554TZ: American Transair B757-33N Flt TZ4208 0956 HF DL At 3843N 03910E. ICAO ID 1008E5. (06Oct04) (RGA)
- 17967 OH-LBT: Finnair B757 Flt AY2621 1312 HF DL Signs on. (14Oct04) (RGA)
- 17967 VP-BDK: Aeroflot A320 Flt SU0583 0958 HF DL Signs on. (06Oct04) (RGA)
- 17967 VP-BWE: Aeroflot A320 Flt SU0122 1249 HF DL Signs on. (14Oct04) (RGA)
- 17967 VP-BWK: Aeroflot A319 Flt SU0266 1250 HF DL Signs on. (14Oct04) (RGA)
- 17967.0 ARINC-15 Bahrain: 1830 HF DL Al-Muharraq. Squitters (21/08/04) (AJP)
- 17976 ADWSPR: USAF SIPRNet Stn Andrews AFB 1619 ALE/USB Sounding. (02Oct04) (RGA)
- 17976 HIKSPR: USAF Hickham AFB, HWA SIPRNET 2249 ALE/USB. (04Oct04) (CC)
- 17976.0 ikfspr : USAF Keflavik 1344 USB/ALE US Air Force:Keflavik, Iceland17Aug04 (wp3)
- 17976.0 jdgspr : USAF Diego Carcia AB 1639 USB/ALE 17Aug04 (wp3)
- 17976.0 JDGSPR: USAF DiegoGarcia Secret(secure) Internet Protocol Router Gateway 1521 USB/ALE snd (21-aug-2004)(MSM)
- 17976.0 jtyspr : USAF Yakota AB 1639 USB/ALE US Air Force:SIPRNET Gateway,Yakota Air Base 17Aug04 (wp3)
- 17976.0 MCCSPR: (McClellan SIPRNET node): 1638 USB/ALE TO E30001DAT (E-3B AWACS # 79-0001, Tinker AFB). E3001DAT also noted contacting Andrews AFB SIPRNET node at 1629. 22/09 RP3
- 17976.0 plaspr : USAF Lajes 1639 USB/ALE 17Aug04 (wp3)
- 17982.0 Aircraft (O/M Portuguese): 1514 USB w/unidentified ground station passing itinerary which includes Boa Vista and Brasilia. Carrying 34 passengers. Brazilian Air Force. 15/09 RP3
- 17982.0 Aircraft 33: (O/M Portuguese-Brazilian Air Force): 2030 USB calling Tamoio (Brazilian Navy submarine S-31) w/no response. 23/09 RP3
- 17982.0 Brazilian Air Force aircraft 51: (O/M Portuguese): 2110 USB w/unidentified ground station (O/M Portuguese) passing flight route information and ETAs for Boa Vista, Campo Grande and Manaus. wants info relayed to BIS (Bravo India Sierra). 15/09 RP3
- 17982.0 CERRADO: (probably Brazilian Air Force): 2017 USB/ALE sounding. 15/09 RP3
- 17982.0 CERRADO: (probably Comando Geral do Ar (Brazilian Air Force Flight=Operations): 2126 USB/ALE sounding.

14/09 RP3
17982.0 CERRADO: (unidentified, Brazilian Air Force): 2053 USB/ALE sounding.=06/09 RP3 =20
17982.0 CERRADO: B Air Force B 20:32 USB/ALE SND Sep-08-2004 (MO)
17982.0 HERMES: (HQs, Brazilian Air Force): 1749 USB/ALE sounding. 25/08 RP3
17982.0 HERMES: (HQs, Brazilian Air Force): 2238 USB/ALE sounding. 24/08 RP3
17982.0 OMEGA: (unidentified, Brazilian Air Force): 2339 USB/ALE sounding.=06/09 RP3
17982.0 OMEGA: UNID B AF 20:48 USB/ALE SND Sep-10-2004 (MO)
17982.0 RDFEN: UNID B AF 19:00 USB/ALE SND Sep-11-2004 (MO)
17982.0 SA4: (unidentified SAR unit): 2153 USB/ALE sounding. ALE followed by=station 4 (O/M Portuguese) calling unidentified station w/no response. 14/09=RP3
17982.0 SA4: B Air Force? B 20:46 USB/ALE SND Sep-08-2004 (MO)
17982.0 SARRF: (Brazilian Rescue Coordination Center (RCC), Recife): 2116=USB/ALE TO ORUNGAN (Brazilian Air Force, 1/7 Sqdn, Bahia (Salvador)). 14/09=RP3
17982.0 SARRF: (Brazilian Rescue Coordination Center (RCC), Recife): 2130=USB/ALE TO CAPATAZ (unidentiifed, probable Brazilian Air Force). 14/09 RP3
17982.0 SCORPIUS: B AF 1°/3° Grupo de Aviação Escorpião Boa Vista 18:20 USB/ALE SND Sep-11-2004 (MO)
17994.0 Canforce 46: (CC-150 # 15002, 437th Sqdn, Trenton ON): 1445 USB w/unidentified ground station w/selcal check (AS-CP). 24/09 RP3
18000.0 Lince 10: (Spanish Air Force, Falcon or B-707, Torrejon): 1252 USB calling Bigia/Vigia (Spanish AF, Madrid-not heard). Lince 10 identifies this frequency as 6A. Tells Bigia/Vigia to try Bravo 7. 24/09 RP3
18003 623499: Unid 2054 ALE/USB wkg OFF: USAF Offutt AFB, NE. (05Oct04) (CC)
18003 IKF: US NAS Keflavik 1606 ALE/USB sounding. Also ICZ/NAS Sigonella. (02Oct04) (RGA)
18003 MCC: US HFGCS Stn McClellan AFB CA 1523 ALE/USB Sounding. (08Oct04) (RGA)
18003 MPA: RAF/USAF Port Stanley FLK 2234 ALE/USB. (04Oct04) (CC)
18003.0 233116: (C-17 # 93-3116): 1507 USB/ALE sounding. 24/09 RP3
18003.0 420192: (KC-10 # 82-0192): 1658 USB/ALE sounding. 22/09 RP3
18003.0 571428: (KC-135 # 57-1428): 1707 USB/ALE sounding. 23/09 RP3
18003.0 usaf DVL: ??- PLA -AF7?? -OFF-IKF-HAW-ADW-JDG 1441 ALE tis-twas-sndSep19 04 ML
18003.0 UNID: 708 2010 ALE / Sounding - for past two days (29/Sep/2004) (W9WIS)
18012.0 Circus Vert: (CFAP HQs, Villacoublay): 1357 USB w/COTAM 1062 (French AF transport-weak) who reports passenger and flight information. 24/09 RP3
18012.0 Circus Vert: (CFAP HQs, Villacoublay): 1620 USB w/aircraft 56 who is trying to relay for Circus Orange (French AF, Dakar). Circus Vert cannot hear Circus Orange and tells him to try Marjolaine 2 (06712.0). 23/09 RP3
18018.0 Aircraft (O/M SS): 1244 USB w/O/M (SS-ground station) passing position as Tango Tango at 1237. Possibly LAN Chile LDOC. 24/09 RP3
18018.0 Architect (RAF Flight watch): 1230 USB w/airfield color states. 15/09 RP3
18018.0 Architect: (RAF Flight watch): 1500 USB w/airfield status report. 24/09 RP3
18033.0 O/M (SS): 2037 LSB w/Y/L (SS). 22/09 RP3
18033.0 Station 40 (Y/L SS): 1940 LSB w/station 41 (unheard) passing series of numbers. 15/09 RP3

18094.0 46099krm% gcy manf%00 vfk- vmxomy 00
vmybdinnnnnnnf 18Aug04(wp3)

18170.0 ASH01: MFA Ashkhabad TKM 1158 USB/ALE TO ANK
26-Aug-04 (MO)

18170.0 ASH01: MFA Ashkhabad TKM 11:58 USB/ALE TO ANK
Aug-26-2004 (MO)

18183.4 7RQ20: MFA Algiers 1358 COQUELET-8 Long-winded
telegrams in FF and EE concerning UN Security Council
deliberations. (08Oct04) (RGA)

18183.4 7RQ20: MFA Algiers 1731 COQ8/26.67 Opchats in FF.
(30/Sep/04) (RH2)

18220 JMH5: Tokyo Japna 2215 FAX/120/576 Surface chart
(bad copy). //23522.9/JMH6 13597/JMH4 7305/JMH2.
(01Oct04) (CC)

18220 JMH5: Tokyo Met 2215 FAX/120/576 Surface chart (bad
copy). //23522.9 13597 7305. (01Oct04) (CC)

18220.0 JMH5: AWPN, Tokyo, J, 1040, FAX 120/576, meteo
charts, 19/8/2004 (CK)

18257 1214: Egyptian Border Guard 1419 ALE/USB wkg 1213.
Also seen 1204 1353. (06Oct04) (RGA)

18257 1368: Egyptian Border Guard 1223 ALE/USB Sounding.
Also 1227 1335 and 1339. (22Sep04) (RGA)

18257.0 1302: unid EGY border guards? 1443 USB/ALE calls
1209(21-aug-2004)(MSM)

18320 STAT22: Tunisian MOI/Military 1432 ALE/USB wkg
STAT152. (06Oct04) (RGA)

18326.7 MFA Kairo: 1509 sitor-a weak signal tfc to unid emb.
then selcall tvvx 17Aug04 (wp3)

18365.0 : NATO Modem 1411 STANAG-4282/2400/USB 600 Baud data
long interleave. Solid synch. Apparent continuous enciphered
data. (08Oct04) (RGA)

18396.0 KHARTOUM: F Emb Khartoum SDN 1513 USB/ALE TO
BUJUMBURA 19Aug04 (MO)

18396.0 LECAIRE: F Emb Cairo EGY 1750 USB/ALE TO CER41
18Aug04 (MO)

18396.0 RABAT: F Emb Rabat MRC 0841 USB/ALE TO CONAKRY
18Aug04 (MO)

18480 OLZ69: Czech Embassy Cairo 1412 ALE/USB Sounding.
(22Sep04) (RGA)

18480 OLZ69: Czech Embassy Cairo 1524 ALE/USB Sounding.
(08Oct04) (RGA)

18493.5 Unid: 1740 Stanag4285 Possible FN Djibouti
(08/10/04) (AJP)

18571.5 : MFA Tunis 1020 FEC Opchats in FF, 5LG after usual
Etoile starter. (30/Sep/04) (RH2)

18594 : Unid 2107 ANDVT/USB (06Oct04) (CC)

18594 CAMSLANT: USCG Chesapeake 1929 USB USCG
Communications Area Master Station Atlantic wkg J4Z for
flight op's. (18Sep04) (RB)

18594 LNT: Unid US BICE 1201 ALE/USB calls J19/Prob USCG
HH-60J Helicopter No 6109 of CGAS Clearwater FL who
responds. (22Sep04) (RGA)

18594 PR1: US BICE Punta Salinas PR remote 1416 ALE/USB
Sounding. (22Sep04) (RGA)

18594 T97: Poss BICE Piper PA-42 No N9097? 1428 ALE/USB
wkg CS3/COTHEN Remote Oklahoma City OK. J36/Poss USCG HH-60J
CGAS S.Diego No 6036 and LNT/Unid. (06Oct04) (RGA)

18594.0 504: USCG HC-130H #1504 CGAS Elizabeth City NC USA
2320 USB/ALE SND 23-Aug-04 (MO)

18594.0 705: UNID ? 1303 USB/ALE SND 23-Aug-04 (MO)

18594.0 720: USCG HC-130H #1720 CGAS Clearwater FL USA 2317
USB/ALE TO LNT 23-Aug-04 (MO)

18594.0 CS3: COTHEN Remote Oklahoma City OK USA 1327 USB/ALE
SND 17Aug04 (MO)

18594.0 D43: BICE P-3 AEW&C #N143CS/BuNo 153447 Corpus
Christi AMB TX USA 2051 USB/ALE SND 17Aug04 (MO)

18594.0 J09: USCG HH-60J CGAS Cape Cod #6009 USA 1738
USB/ALE SND 17Aug04 (MO)

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18594.0 J15: USCG HH-60J CGAS Clearwater #6015 USA 2148
USB/ALE SND 17Aug04 (MO)

18594.0 J34: USCG HH-60J CGAS Clearwater #6034 FL USA 1337
USB/ALE TO LNT 24-Aug-04 (MO)

18594.0 LNT: UNID 2003 USB/ALE TO 717 18Aug04 (MO)

18594.0 LNT: USCG CAMSLANT Chesapeake VA USA 2317 USB/ALE TO
720 23-Aug-04 (MO)

18594.0 Service Center (US Customs): 1441 USB w/Julliet 25
(HH-60 # 6025, CGAS Clearwater-unheard) in pp to Maintenance
concerning undisclosed oscillation problem. J25 apparently
passes measures taken with the problem to Maintenance and
reports they are RTBing to Clearwater. 22/09 RP3

18594.0 T85: BICE PIPER PA-42-720R #N9085U Jacksonville FL
AMB USA 1725 USB/ALE SND 17Aug04 (MO)

18594.0 T9A: BICE PIPER PA-42-720R #N9279A USA 1441 USB/ALE
SND 17Aug04 (MO)

18594.0 X51: USA UH-60L tail # 94-26551 2-3rd AVN USA 1919
USB/ALE SND 18Aug04 (MO)

18605.0 OLZ84: unid Czech Emb. 1529 USB/ALE snd
(21-aug-2004)(MSM)

18610 DLL: Unid 1422 ALE/USB Rockwell-Collins frequency.
(06Oct04) (RGA)

18788.9 : Unid 1534 OMFSK/195.5/600 (08Oct04) (RGA)

18871.7 odessa beacon "D": 1919 CW Sep07 04 ML

18920.1 Unid: 1836 Stanag4285 USB and LSB ??
(08/10/04) (AJP)

18966.7 RFFKC: FN 1818 ARQ-E3 France or Tahiti ?
(07/10/04) (AJP)

19036.4 Algerian MFA: ?1555 Coquelet 8 13.3 and 26.6 bd No
sync(11/10/04) (AJP)

19043 055: Unid '055' Stn 1445 ALE/USB Sounding.
(08Oct04) (RGA)

19103.5 SKYWAT: (Skywatch, US Army Flight watch Center, Soto
Cano AB, Honduras): 2257 USB/ALE sounding. 26/08 RP3

19103.5 WAROPS: (1/228th Avn Regt ("winged warriors")
Operations-Soto Cano AB=Honduras): 1530 USB/ALE sounding.
21/09 RP3

19130.0 Unid: 1745z USB Broadcast-type announcements in
Spanish: "Castro," "Cuba," "Presidente Bush"; poss 193SOW
Commando Solo boys at work? (19/Sep/2004) (ALS)

19200.0 21B: (Frigate "Mariscal Sucre", F-21): 1307 USB/ALE
TO CGA (HQs, Venezuelan Navy)--[AMD]CUFAN1. 27/08 RP3

19200.0 64B: (LSM "Los Llanos", T-64, Venezuelan Navy): 2121
USB/ALE TO T63 (LSM "Gojaira"). 18/08 RP3

19200.0 64B: Venezuelan Navy: Landing Ship Los Llanos VEN
1028 USB/ALE TO CGA 19Aug04 (MO)

19200.0 BNA: VEN Navy Base Amario VEN 1048 USB/ALE TO 64B
19Aug04 (MO)

19200.0 BNF: VEN Navy Base Falcon VEN 1833 USB/ALE TO BNA
16Aug04 (MO)

19200.0 BNG: (Venezuelan Naval Base "Guitierrez"): 1228
USB/ALE TO T63 (Landing Ship LSM "Gojaira"). 01/09 RP3

19200.0 BNG: VEN Navy Base Guitierrez VEN 1803 USB/ALE TO BNA
20Aug04 (MO)

19200.0 CGA: HQs Venezuelan Navy VEN 2035 USB/ALE TO BNF
19Aug04 (MO)

19200.0 DHN: Venezuelan Direccion Hidrografia y Navigacion
VEN 2216 USB/ALE TO 21B 16Aug04 (MO)

19200.0 PR1: (River Patrol Craft "Lago1" PBR-1): 1244
USB/ALE TO CGA (HQs, Venezuelan Navy). 25/08 RP3

19200.0 PR1: (River Patrol Craft "Lago1" PBR-1): 1348
USB/ALE TO G12 (Venezuelan Coast Guard Frigate " General
Jose Trinidad Moran" GC-12). 27/08 RP3

19200.0 PR1: (Venezuelan Navy River Patrol Craft "Lago1"
PBR-1): 1253 USB/ALE TO BNA (Naval Base "Amario"). 01/09 RP3

19200.0 PR1: Punta Salinas PR 1938 USB/ALE TO F24
19Aug04 (MO)

19200.0 T81: (Replenishment oiler " Ciudad Bolivar"): 1903

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19200.0 USB/ALE TO CGA (HQs, Venezuelan Navy). 01/09 RP3
 T81: (Replenishment Oiler " Ciudad Bolivar"): 2033
 USB/ALE TO CGA (HQs, Venezuelan Navy). 18/08 RP3
 19200.0 T81: (Venezuelan Navy Replenishment Oiler " Ciudad
 Bolivar"): 1546 USB/ALE TO DHN (Venezuelan Navy's Direccion
 de Hidrografia y Navegacion). 01/09 RP3
 19200.0 T81; Replenishment Oiler Ciudad Bolivar 2033 USB/ALE
 TO CGA 18Aug04 (MO)
 19216.7 RFLI: FF Fort de France MRT 0455 ARQ-E3/397 Idle
 mode. (13 Oct04) (BC3)
 19216.7 RFLI: FF FT DE FRANCE 1330 ARQ/E3 192/E/400 No sync.
 Modified betas (11/Oct)(DW)
 19231.7 ---: EGYPTIAN DIPLO? 1509 arq 100/E/170 Brief op
 chat in Arabic (ATU80) then off air 1511 (11/Oct)(DW)
 19304.0 rit: : rus Navy Baltic Fleet 1123 cw vvv rmzw rmzw
 rmzw de rit rit qsa ? k later: vvv ral46 ral46 ral46 de rit
 rit qsa ? then 4fg tfc to ral46 07Sep04 (wp3)
 19344.5 DN1: KAG69/US FBI Denver CO 1339 ALE/USB wkg
 LV1/KOG55 Las Vegas. (06Oct04) (RGA)
 19359.7 ---: EGYPTIAN DIPLO? 1445 arq 100/E/170 In irs mode.
 1452 brief opchat in Arabic (ATU80). Also 1455 and s/off
 (11/Oct)(DW)
 19600.0 BABANUSA: UNJLC OPS Al Babanusa, SDN 1636 USB/MIL-
 STD 188-141A, sounding (11Sep04) (LDO)
 19600.0 DMAZIN: UNJLC OPS Ed Damazin, SDN 1000 USB/MIL-STD
 188-141A, calling NYALA2 (11Sep04) (LDO)
 19600.0 GADAREF: UNJLC OPS Gedaref, SDN 1630 USB/MIL-STD
 188-141A, sounding (11Sep04) (LDO)
 19600.0 MADANI: UNJLC OPS wad Madani, SDN 0847 USB/MIL-STD
 188-141A, calling NYALA2 (11Sep04) (LDO)
 19600.0 SHENDI: UNJLC OPS Shendi, SDN 1204 USB/MIL-
 STD188-141A, calling NYALA4 (11Sep04) (LDO)
 19602.0 AAA: UNID Israeli AF ground station, ISR 1345
 USB/MIL-STD 188-141A, sounding (11Sep04) (LDO)
 19636.0 CER11: MFA Paris F 0858 USB/ALE TO RABAT
 20Aug04 (MO)
 19636.0 RABAT: F Emb Rabat MRC 0859 USB/ALE TO CER11
 20Aug04 (MO)
 19688 : Russian Military 1310 36-50/50/250 5 messages.
 //19936. (06Oct04) (RGA)
 19709.0 ERMNAT: (Brazilian Navy Radio, Natal): 1816 USB/ALE
 TO NEBRSL (Brazilian Navy Training Frigate "Brasil", U-27).
 Also noted on 15932.0. 25/08 RP3
 19724 VIE: Globe wireless Darwin NT AUS 1537 GLOBEDATA
 Idling. (08Oct04) (RGA)
 19814 022NHQCAP: US CAP National Ops Centre Maxwell AFB AL
 1501 ALE/USB Sounding. (08Oct04) (RGA)
 19884 CHERRY RIPE: Enigma E3A/E4 0116 USB YL. Also on
 11545 at 2243UTC. (12Oct04) (AB2)
 19945 MAE: MFA Algiers 1535 ALE/USB calls
 BKO/7RY80: Algerian Embassy Bamako MLI. (02Oct04) (RGA)
 19945.0 BKO: ALG Emb Bamako MLI 1634 USB/ALE TO MAE
 22Aug04 (MO)
 19945.0 MAE: MFA Algiers ALG 1201 USB/ALE TO NKT
 17Aug04 (MO)
 19945.0 NKT: ALG Emb Nouakchott MTN 1201 USB/ALE TO MAE
 17Aug04 (MO)
 19958.0 AMMAN: F Emb Amman JOR 1226 USB/ALE TO RIYAD
 20Aug04 (MO)
 19958.0 LECAIRE: F Emb Cairo EGY 1745 USB/ALE TO CER41
 18Aug04 (MO)
 19969 FC8FEM: WGY908/US FEMA Region 8 Denver CO 1347
 ALE/USB Sounding. (06Oct04) (RGA)
 19969 FC8FEM: WGY908/US FEMA Region 8 Denver CO 1447
 ALE/USB Sounding. (08Oct04) (RGA)
 20036.7 ---: EGYPTIAN EMB DAKAR 1019 arq 100/E/170 Brief
 opchat in Arabic (ATU80) then irs mode. 1027 opchat then tfc
 (12/Oct)(DW)

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20047.9 S: MX Beacon Arkhangelsk 1539 CW (08Oct04) (RGA)
 20340 NKT: Algerian Embassy Nouakchott MTN 1300 ALE/USB
 Calls MAE/MFA Algiers. (06Oct04) (RGA)
 20425.0 GAO: Algerian Consulate Gao Mali 13233 USB/ALE Calls
 MAE/MFA Algiers (21-aug-2004)(MSM)
 20430 055: Unid '055' Net 1431 ALE/USB Sounding.
 (02Oct04) (RGA)
 20452.0 GAO: ALG Consulate Gao Mali MLI 0812 USB/ALE TO MAE
 19Aug04 (MO)
 20452.0 MAE: MFA Algiers ALG 1029 USB/ALE TO BKO
 19Aug04 (MO)
 20518.5 Birrete: Arg. Ny 1701 USB SS Check freq for traffic
 w/ unid stn (01/10/04) (AJP)
 20520.7 Birrete: Arg. Ny 1655 Packet300bd 5LG
 (01/10/04) (AJP)
 20602.0 AMM: British emb. Amman, JOR 1443 USB/ALE snd
 (21-aug-2004)(MSM)
 20616.0 BUJUMBURA: F Emb Bujumbura BDI 1328 USB/ALE TO
 KHARTOUM 20Aug04 (MO)
 20616.0 CER41: MFA Paris F 2002 USB/ALE TO LECAIRE
 16Aug04 (MO)
 20616.0 KHARTOUM: F Emb Khartoum SDN 1301 USB/ALE TO
 BUJUMBURA 20Aug04 (MO)
 20616.0 LECAIRE: F Emb Cairo EGY 2013 USB/ALE TO CER41
 16Aug04 (MO)
 20631 CRONPR: SIPRNet Stn RAF Croughton UK 1423 ALE/USB
 Sounding. (08Oct04) (RGA)
 20631.0 E3B: (probable E-3B AWACS, Tinker AFB): 1844 USB/ALE
 sounding. Also noted sounding on 18003.0 & 23337.0.
 22/09 RP3
 20797.0 RABAT: F Emb Rabat MRC 0921 USB/ALE TO CER11
 18Aug04 (MO)
 20890 J40: USCG HH-60J CGAS Clearwater No 6040 1455
 ALE/USB Sounding. Also 790/USCG HC-130H No 1790 CGAS
 Clearwater. (02Oct04) (RGA)
 20906 HQ703N: Probably NG Readiness Centre US Army/NGB
 1433 ALE/USB wkg MO50IN/Unid. (08Oct04) (RGA)
 20906.0 HQ703N: possibly HQs Nat'l Guard Readiness Center VA
 USA 1546 USB/ALE TO O060KN NP6 17Aug04 (MO)
 20976.0 Argentine Mil: 2012 USB SS Family phonepach (QX
 20276.0 LSB) Peacekeepers in Haiti (05/10/04) (AJP)
 20999.0 Chilean Mil: 1734 USB SS Family phonepach (QX ?)
 Peacekeepers in Haiti, Then QSY 20955 w/CE3MIY ??
 (05/10/04) (AJP)
 21310.0 KA5QEW: (Baton Rouge LA): 1710Z USB. (11/Oct/2004) (ALS)
 21867.0 AMM: British emb. Amman, JOR 1420 USB/ALE snd
 (21-aug-2004)(MSM)
 21982 A6-ERE: Emirates A340-500 1356 HFDL Signs on.
 (14Oct04) (RGA)
 21982 A7-AFM: Qatar Airways A330-203 1102 HFDL Signs on to
 ARINC Muharraq. Ex F-WWKT. (16Oct04) (RGA)
 21982 AY0341: Finnair B757 1350 HFDL Reports 4927N 00340W
 to ARINC Muharraq. (14Oct04) (RGA)
 21982 CIO646: China Airlines Flt 1156 HFDL Posn report
 1516N 10513E. (16Oct04) (RGA)
 21982 LH8442: Lufthansa Cargo MD11F 1352 HFDL At 2525N
 07121E. (14Oct04) (RGA)
 21982 ZS-SJN: SAA B737-85F(WL) 1352 HFDL Signs on.
 (14Oct04) (RGA)
 21982 ZS-SXB: SAA A340 Flt SA0204 1356 HFDL Acks message
 no 28966 from Ops Johannesburg. relayed by Muharraq.
 (14Oct04) (RGA)
 22015 055: Unid 1131 ALE/USB Sounding. Also sounding on
 23428 along with 586. (22Sep04) (RGA)
 22015 586: Unid '055' Net 1310 ALE/USB Sounding 22015 and
 23428 with 055 sounding on 23471. (02Oct04) (RGA)
 22168.0 BTLCMC1: (Probable Brazilian 1st Marine Inf Bn):
 1843 USB/ALE TO ERMBEL (Brazilian Navy Radio, Belem). Ist

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Marine Inf Bn also noted w/Brazilian navy Radio, Natal on this freq. 01/09 RP3

- 22168.0 BTLCMC1: (probable Brazilian 1st Naval Marine Inf Bn): 2056 USB/ALR TO ERMNAT (Brazilian Navy Radio, Natal). Also noted on 16607.0 & 17010.0. 26/08 RP3
- 22186 055: Unid '055' Net 1237 ALE/USB Sounding. (06Oct04) (RGA)
- 22202.0 Unid: 1725 Stanag4285 ? (05/10/04) (AJP)
- 22389.5 NMN: CAMSLANT Chesapeake VA USA 1545 ARQ w/Morse ID. (08Oct04) (RGA)
- 22389.5 NMO: USCG Honolulu 1720 CW marker (05/10/04) (AJP)
- 22447 FUV: FN Djibouti DJI 1946 RTTY/75/850 Bricks tests. (08Oct04) (RGA)
- 22447.0 fuv: FN Djibouti 1039 rtty 75/850 faaa de fuv 25Aug04 (wp3)
- 22447.0 FUV: FN Djibouti 1511 RTTY 75/850 FAAA de FUV (08/10/04) (AJP)
- 22461.2 FUJ: FN Noumea NCL 0440 RTTY/75/850 Testing RYs etc. (13Oct04) (BC3)
- 22534.5 GW Goeteborg: 1710 Globedata Channel free marker (05/10/04) (AJP)
- 22542 JJC: Kyodo Press Tokyo-Nazaki 1552 FAX/60/576 Solid Japanese text. (08Oct04) (RGA)
- 22660.5 VCT: Globe Wireless Tor's Cove NF CAN 1605 GLOBEDATA Idling. Also audible on 22694. (08Oct04) (RGA)
- 22804.0 WLO: Mobile R 1704 USB EE wx //17362.0 (05/10/04) (AJP)
- 22860.0 HLA: Chilean Ny 1450 ALE/LSB Also DCH, TAC, G3W (05/10/04) (AJP)
- 22923.5 RN Gibraltar: 1520 2ChVFT Piccolo 6 tones CH1 idle, CH2 traffic encrypted (05/10/04) (AJP)
- 23006 022NHQCAP: Civil Air Patrol, Nat'l Ops Cntr, Maxwell AFB, Al USA ALE 16353 21-09-04 [SW]
- 23006 033NHQCAP: Civil Air Patrol, USA ALE 1639 21-09-04 [SW]
- 23006.0 KHARTOUM: F Emb Khartoum SDN 1236 USB/ALE TO BUJUMBURA 19Aug04 (MO)
- 23337 ADW: USAF Andrews AFB MD 1305 ALE/USB Sounding. Also JDG/Diego Garcia. (02Oct04) (RGA)
- 23337 MPA: USAF at RAF Mt Pleasant FLK 1412 ALE/USB Sounding. RIC/CAP National Technology Centre Richmond VA also sounding. (08Oct04) (RGA)
- 23337.0 430076: (KC-10 # 83-0076): 1632 USB/ALE TO ADW (Andrews AFB). 22/09 RP3
- 23471 369: Unid 1132 ALE/USB Sounding. (22Sep04) (RGA)
- 25055.0 BUJUMBURA: F Emb Bujumbura BDI 0955 USB/ALE TO KHARTOUM B 20Aug04 (MO)
- 25301.0 CONAKR: F Emb Conakry GUI 0758 USB/ALE TO RABAT 20Aug04 (MO)
- 25301.0 KHARTOUM: French Emb. Khartoum (SUD) 1458 USB/ALE calls FRA EMB BUJUMBURA which respons (21-aug-2004)(MSM)
- 25350 X51: US Army UH-60L tail No 94-26551 2-3rd AVN 1402 ALE/USB On Customs/BICE Net. (08Oct04) (RGA)
- 26119.0 GW Hamala Bahrain: 1349 Globedata Channel free marker (05/10/04) (AJP)
- 26132.5 GW Cape Town South Africa: 1351 Globedata channel free marker (05/10/04) (AJP)
- 27870.0 HAWSPR: USAF Ascension Island Secret Internet Protocol Router Gateway 1449 USB/ALE snd (21-aug-2004)(MSM)
- 28281 ML: Fishing Buoy 1048 CW (09Oct04) (WC)

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Edited by Bill Lawrie
Electronic Editor. (blmid@freeuk.com)
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Check out the WUN web site at: <http://www.wunclub.com>
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>From your Electronic Editor:

* Welcome to another issue of the single largest source of utility station information and the most widely quoted utility station publication in the world...the WUN Newsletter.

WHAT'S INSIDE:

- o Digital Review by Day Watson
- o Military/Government Channel Designator List by Larry van Horn
- o Nautical News by Robert Maskill
- o Numbers & Oddities by Ary Boender
- o QSL Center by John Stephens
- o Utility Round-up by Ary Boender
- o WUN Logs Column by Eddie Bellerby & TEAM LOGS

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0101100010110001011000001110011000101100110110001100110011010000100011
0011100010010101001100110101100101000011011000011101100000011101100100
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100010010111010100100011010010010100110100011010001101000011010011100
0111000111001110000110000111100000100101011001001010111010100011100011
001000101010110100000111000111# REVIEW #00000101110011100001101000101
01010010110000111011000101100011001101000010110000111011000101100001110
000011010010101011010101101000010010100110100101010101010000101010001
0100101111100001000101010011000110011000011101100010# COLUMN #110001
110001101010010101001010010100100001110110000101100101001101011000

- Editor: Day Watson E-mail: jdwatson@blueyonder.co.uk
- Nickname on IRC channel #monitor DayW

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Hi digi WUNners

The menu

Aero ARINC Canaries
Diplo FAPSI schedule for Nov
Met Northwood spur on 8949 (2)
Tashkent RTH FAX
Mil Fuehrungsunterstuetzungsregiment

>>....Aero.....>

::: ARINC Canaries

ARINC has finally mentioned, in the Nov 2004 newsletter "The Global Link", the installation of the new node in the Canaries stating "The newest HF DL ground station (H17) will be commissioned before the year's end." Does that mean that the station is still in a state of final assessment and "burn-in"? Discussion is made re HF DL antenna requirements call for an area of about 50,000 sq.ft. and so tall that they must be away from the immediate vicinity of airfields. However no mention is actually made of the geographical location of the Canaries site(s) ie Tx and Rx.

>>....Diplo.....>

::: FAPSI schedule for Nov

Peter Thompson emailed with the following late October saying "I don't know what they are calling themselves now [Dept of State Comms], but I received the attached this morning on 16285 in ITA2 75/500. It looks like it's their schedule from Nov 1st."

"RYRYRYRYRYRYRYRYRYRYRYRYRTRZRYRYRYRYRYRYRYR
RSZ RSZ RSZ QWK RSZ RSZ RSZ QWK RSZ RSZ RSZ QWK RSZ RSZ RSZ QWK
4646466464464
RSZ RSZ RSZ QWA R Z RSZRSZ QWK RSZ RSZ RSZ QWK RSZ RSZ RSZ QWK

26'4/
7=98(.1:(/5=99 BZARTTY(1-59 NXT QWS
I
QSO 02.30 QSW 19110/112089 WCSO 08.30 QSW 19110/16285
QWK QRR
FM 00.00 TO 01.00 QSW 13390/10170
FM 01.00 TO 02.00 QSW 1485,/86285
FM 02.00 TO 10.00 QSW RPOQQPMQUT [19110.1750?]
FM 10.00 TO 12.00 QSW 16285/13390
FM 12.00 TO 14.00 QSW 11640/9380
FM 14.00 TO 00.00 QSW 9380/6774

QWK QG+
00.00 TO 24.00
QSW 21070/19110/18205/16275/14890/13390/10820/5310/7640/6330

OM SZE
FM 1/11 TO CEXM QWK

QSO 02.30 QSW 19110/16285
QSO 08.30 QSW 19110/16285

QWK QRR
FM 00.00 TO 01.00 QSW 13390/10170
FM 01.00 TO 02.00 QSW 14890/16285
FM 02.00 TO 10.00 QSW 19110/17520
FM 10.00 TO 12.00 QSW 16285(087
FM 12.00 TO 14.00 QSW 11640/9380
FM 14.00 TO 00.00 QSW 9380/6774

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JCWF QGW
FM 00.00 TO 24.00
QSW 21070/19110/18205/16275/14890/13390/10820/96,/7640/6330

QRU QRU SK SK"

Whilst incomplete/corrupt but with some recovery done a collection of frequencies to keep an eye/ear open for in the future. Thanks Peter.

>>....Met.....>

::: Northwood spur on 8949 (2)

Further to last month's report:

[First noted on 15/Oct there has been a spurious transmission from (probably) the 8040 kHz WX FAX frequency of RN Northwood appearing on 8949 kHz which continues on going to press. 8040 kHz appears to be at normal strengths with 8949 substantially weaker.]

Very much an own goal :-((At that time yours truly had just completed a major rebuild of the antenna switch box. What still hadn't been reconnected was a wavetrapp for 909 kHz to counter the friendly neighbourhood BBC transmitter (reported 100Kw) on that frequency and located under a mile away.

Result - mixing at the receiver input of a strong signal from RN Northwood (8040) and 909 giving products on 8949 (logged) and 7141 (not heard).
Be warned.

::: Tashkent RTH FAX

The question is "are they still radiating?". The following info turned up in the latest UK Notices to Mariners in amendments to ALRS Vol.3 and shown as being sourced from the WMO Volume D.

3690 1500-0300
4365 0300-1500
7570 1500-0300
9340 0300-1500
14982.5 H24

Time(z)	VT	Product	Rpm/IOC
0005	12	Forecast KWBC	90/576
0155	00	Circular chart (Tashkent)	60/576
0300	00	Near sfc analysis	60/576
0345	00	Analysis AT-700	90/576
0430	00	Analysis AT-500	90/576
0500	03	Nephanalysis	90/576
0535	00	Analysis AT-850	90/576
0610	00	Analysis AT-300	90/576
0755	06	Circular chart (Tashkent)	60/576
1005	00	Analysis OT-500-1000	90/576
1055	09	Circular chart (Tashkent)	60/576
1230	00	Forecast KWBC	90/576
1300	00	Forecast KWBC	90/576
1315	00	Forecast KWBC	90/576
1350	12	Circular chart (Tashkent)	60/576
1440	12	Nephanalysis	90/576
1500	12	Near sfc analysis	60/576
1655	15	Circular chart (Tashkent)	60/576
1930	18	Circular chart (Tashkent)	60/576
2255	21	Circular chart (Tashkent)	60/576

2350

12 Forecast KWBC

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90/576

However the question arises from there having been no readily remembered logs in the recent past. So much so that a search of WUN logs 2000 - to date reveals that your scribe may have been the last one to post on 21/Sep/03 with Bob Hall in Capetown on 10/Aug/03. No sign of transmissions have been heard just before going to press.

AnyWUN know different? Let's see some logs if capture achieved.

>>....Military.....>

::: Fuehrungsunterstuetzungsregiment

Further his log

6942.0 N51R: Ger. Army, FUEUSTGRGT ROEM 2 (Fuehrungsunter-
stuetzungsregiment) 1115 Rtty 50Bd/170Hz wkg OBD4:
FUKP/HFFMRGT (Fuehrungsunterstuetzungskompanie/
HF-Fernmelderegiment), Drill with open text
(09/NOV/04) (KK)

Kristian has kindly passed on his capture and further comments

"The first time I could hear a transmission like this. And it seemed that it was the first after a long time ???"

After searching the WUN logs (making good use of free tools open to WUNners) he says "There is a LOG from (ALF) Thomas Roesner in 1999: v05 - 1999 wunv5n04.zip
5249.1 FGK9: unid German Army, id as: 'ROEM 2 (GE/US) KORPS', in wunv5n05.zip
5249.1 FGK9: German Army 'ROEM 2 (GE/US) KORPS', D: RTTY 50/170 wkg"

Here is the full transmission:

VCZCZ
RR OBD4
DE N51R 0001
R 091201A NOV 04
FM FUEUSTGRGT ROEM 2
TO OBD4/FUKP HFFMRGT
BT
OFFEN
DRILL
WIE LAEUFT ES IN OESTERREICH SO
DRILL
BT
NNNN
INT QSL K
R QSL 1206 OBD4
WIE OFT DENN NOCH?
K
VZCZC
RR N51R
DE OBD4 0001
R 091210ANOV04
FUKP/HFMR
TO N51R FUEUSTREG ROEM 2
BT
OFFEN
DRILL
ICH MUSS MICH LEIDER ENTSCHULDIGEN, DAS ICH NOCH EIN PAAR PROBLEME
MIT DER SCHREIBWEISE HABE. ICH MACHE DIESE SCHREIBUEBUNG SEIT LANGEM
WIEDER ZUM ERSTEN MAL.
DRILL
BT

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NNNNN
INT QSL K
OBD4 DE N51R QSL R0001 09/1220A AR
K
N51R DE OBD4 RPT QSL K
WIEDERHOLEN SIE
N51R DE OBD4 RPT QSL RPT QSL K
OBD4 DE N51R QSL R0001 09/1220A AR
QKQ
N51R DE OBD 4 ICH EMPFANGE NUR BUCHSTABENSALAT UND KEINE QSL
K
N51R DE OBD4 QRN
K
GVMCI
OBD4 DE N51R QSY AUSWEICH K
M
O
OBD4 DE N51R QSY AUSWEICH K
M
O
OBD4 DE N51R QSY AUSWEICH K
M
X
R GUTE IDEE QSY AUSWEICH
K

He later furnished the following:

The transmission was from the 2nd (GE/US) Corps stationed in ULM, Germany.
From the 30. Oktober - 12. November the Fernmeldebataillon 210 was delayed at the Troop-Exercise-Place

Their homepage:

<http://www.zweiteskorps.deutschesheer.de/C1256B6C002D670C/CurrentBaseLin k/N263CAQK131RHAHDE>

The Corps consists of the following units:

- Führungsunterstützungsregiment 2
- Stabsunterstützungsbataillon 200
- Heeresmusikkorps 10
- Infrastrukturstab Süd
- 4. Kompanie des Feldjägerbataillons 452
- Fernmeldebataillon 210 (Hindenburgkaserne)

Some more information about the Corps

<http://www.zweiteskorps.deutschesheer.de/C1256B6C002D670C/CurrentBaseLin k/N25KRFB2082SWINDE>

Some translations:

>> WIE LAEUFT ES IN OESTERREICH SO
How is the process coming along in Austria?

>> QSY AUSWEICH
It's only the meaning of QSY in German. Change frequency.

>> offen
open

Fuehrungsunterstuetzungskompanie = Guidance Support Company
Fuehrungsunterstützungsregiment = Guidance Support Regiment
Fernmeldebataillon = Communications-Batalion

Many thanks Kristian. Appreciated.

>>....Signoff.....>
Until next month - regards Day

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WUN Government and Military Frequency/Designation List
Compiled by Larry Van Horn, N5FPW
Brasstown, NC USA, larry@grove-ent.com
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No changes to this month's list. From my family to yours, I hope you all have a great holiday season. See you back here right before the start of the New Year.

2004 MLA Column Contributors (and I sincerely thank each and everyone of you who take the time to add to this list): Samuel Cassio, M.J. Cleary, Christopher Corley, Leif Dehio, Jeff Haverlah, Kristian K., Peter Martinez (G3PLX), Jack Metcalfe, Ron Perron, Thomas M. Rvsner and John Volpato and your column editor.

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Government and Military Systems
Frequency/Channel/Designators List
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Last Revision: 23 November 2004

Legend:
MF = Moved From (freq in MHz)
RTTY = Radioteletype
US = United States
USB = Upper Sideband

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UNITED STATES MILITARY LISTINGS
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*Department of Defense Joints Chief of Staff Nets
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High Frequency Global Communications System (HF-GCS)

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The U.S. Air Force High Frequency (HF) Global Communications System (HF-GCS) is a worldwide network that currently consist of 15 high-power HF stations which provide air/ground HF command and control radio communications between all Department of Defense (DoD) ground agencies, aircraft and ships. Allied military and other aircraft are also provided support in accordance with agreements and international protocols as appropriate. The HF-GCS is not dedicated to any service or command, but supports all authorized users on a traffic precedence basis.

On Jun 1, 1992, the former Global HF System (GHFS) was created by consolidating other U.S. Air Force (USAF) and U.S. Navy (USN) HF networks, including the USAF Global Command and Control System (GCCS), the Navy's Ship-to-Shore High Command (HICOM) network, and the dedicated Strategic Air Command (SAC) Giant Talk System. The goal of the merger was to develop one worldwide non-dedicated HF network capable of providing Command and Control (C2) HF communications support to all authorized DoD aircraft and ground stations. As of 1 October 2002, the former GHFS network is now known as the HF Global Communications System (HF-GCS).

The old high power HF equipment being utilized within the HF-GCS has now been replaced with "Scope Command" equipment. Scope Command incorporates

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Automatic Link Establishment (ALE) technology for use over HF. Scope Command is not the name for this network as some have indicated in the past post to the WUN and other newsgroups. It is the name of the equipment upgrade being done to the network. In January 2003, all HF-GCS station transmit and receive equipment is remotely controlled from the Centralized Net Control Station (CNCS) at Andrews AFB, Maryland.

This ALE technology automates many of the functions performed by the operator such as selecting the best propagating frequency from a list of authorized frequencies.

Net Procedures

General Calling - Aircrews use a preliminary call as outlined in ACP-121 US Supp 2 using the collective callsign "MAINSAIL" or the HF-GCS station call sign (example: Sigonella Global this is Dark 86 on 11175, OVER). HF-GCS operators require approximately 10 seconds (for automated equipment configuration) to respond to calls for service. The HF-GCS operator may request the aircraft change to a discrete frequency for improved and/or extended service.

Phone Patch Service - Phone patching allows direct voice communications between ground agencies and aircraft by electronically connecting telephone circuits to radio transmitters and receivers. Phone patch service is reserved for official unclassified business only and shouldn't exceed five minutes. Patches of more than five minutes or of a sensitive nature should be run on a discrete frequency. Aircrews requesting a phone patch must include all information necessary for HF-GCS operators to complete the call, such as the identity or location of the called parties and telephone number if known. Phone patches are monitored by HF-GCS operators and if radio reception isn't of sufficient quality to complete the patch, they will attempt to copy the traffic and relay it to addressees.

Message Relay Service - HF-GCS operators transcribe encoded or plain-text messages for aircraft or ground stations and forward them to the addresses by radio or landline. The text of the messages can be in the form of alphanumeric, code words, plain text, acronyms, and/or numerical sequences. Aircrews may use "READ BACK" procedures when the message data is critical, or when an incomplete transmission is suspected due to poor radio reception. All messages received by Global stations will be accepted and delivered by the fastest means available according to precedence and priority.

Published Frequency Listing - HF-GCS stations operate on "core" frequencies to provide increased "Global" coverage. The published frequency listing does not reflect complete system frequency authorizations. These published frequencies will be used for initial contact, EAM broadcasts, and short term C2 phone patch and message delivery. Other extended or special services will be moved to each station's available "discrete" frequencies. Any and all known discrete frequencies for these stations have been incorporated below in the HF-GCS station listings.

Frequency Guide - The frequency guide below is used by units contacting this net and is designed to optimize their air/ground communications.

Primary HF-GCS Frequencies - 24 hours	8992.0	11175.0
Back up HF-GCS Frequencies - DAY	13200.0	15016.0
Back up HF-GCS Frequencies - NIGHT	4724.0	6739.0

Commonly heard callsigns

BRICKWALL	Osan Air Mobility Control Center (AMCC)
DENALI	Elmendorf Air Mobility Control Center (AMCC)
HILDA GLOBAL	Tanker Airlift Control Center Scott AFB
TRACKER	US Air Force Europe Tanker Recce Airlift Control Center (UTRACC)

MAINSAIL Authorized users may contact and request service from Global HF system stations by using the general net air-ground call sign

"MAINSAIL". Any Global station hearing the call "MAINSAIL" will respond and provide the requested service.

S4JG A universal Navy call sign assigned to Patrol Squadrons (VP) for use in radio checks. Instead of using the briefed, tactical call sign, the Navigation/Communications operator on the P-3C Orion aircraft would use S4JG on voice and also teletype to get a communications check with a Tactical Support Center (TSC), HF-GCS station or Anti-Submarine Warfare (ASW) Operations Center (ASWOC). In theory by using S4JG, the tactical call sign is less likely to be compromised.

SKYBIRD The collective call sign for all U.S. Strategic Command (USSTRATCOM) command posts, launch control centers, Global HF stations, Air Traffic Control (ATC) towers on Air Combat Command (ACC)/Air Mobility Command (AMC) host tenant bases, Single Sideband (SSB) HF radio stations, and air defense sites in Canada.

SKYKING The collective call sign for all single Integrated Operational Plan (SIOP) committed aircraft and missile crews. Its meaning is "all SIOP committed aircraft and missile crews copy the following message."

SKYMASTER The collective call sign to all USSTRATCOM airborne command post.

The current station list for the HC-GCS net is as follows:

Andersen Air Base (AB), Guam (Voice call Guam Global)
 Summer: 4724.0 (1300-2000Z) 6739.0 (1100-2000Z) 13200.0 (2000-1300Z)
 15016.0 (2000-1100Z)
 Winter: 4724.0 (1200-2030Z) 6739.0 (1000-2030Z) 13200.0 (2030-1200Z)
 15016.0 (2030-1000Z)
 Year round/24 hours: 8992.0 11175.0

Andrews AFB, Maryland (Voice call Andrews Global) HC-GCS CNCS
 Summer: 4724.0 (0430-0930Z) 6712.0 (0230-0930Z) 13200.0 (0930-0230Z)
 15016.0 (0930-0230Z)
 Winter: 4724.0 (0200-1230Z) 6712.0 (2400-1230Z) 13200.0 (1230-0200Z)
 15016.0 (1230-2400Z)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 8058.0 11053.0 11159.0 11181.0 11214.0 11220.0
 13960.0 14863.0 18015.0

Ascension Island (Voice call Ascension Global)
 Year round: 4724.0 (2400-0700Z) 6739.0 (1900-2400Z) 8992.0 (24 hrs)
 11175.0 (24 hrs) 15016.0 (0700-1900Z)
 Discrete Frequencies: 9043.0 11159.0 11226.0 14497.0

Croughton AB, United Kingdom (Voice call Croughton Global)
 Summer: 4724.0 (2230-0400Z) 6712.0 (2230-0400Z) 13200.0 (0400-2230Z)
 15016.0 (0400-2230Z)
 Winter: 4724.0 (1800-0800Z) 6712.0 (1800-0800Z) 13200.0 (0800-1800Z)
 15016.0 (0800-1800Z)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 4894.0 5708.0 5117.0 6728.0 6731.0 6993.0
 7567.0 7933.0 8032.0 9025.0 10648.0 11118.0 11129.0 11180.0
 11181.0 11220.0 11226.0 11232.0 11271.0 13822.0 15042.0 15091.0

Diego Garcia Naval Station, Indian Ocean (Voice call Diego Garcia Global)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 9012.0 11181.0 11226.0 11244.0 11269.0 13254.0
 15095.0 20910.0

Elmendorf AFB, Alaska (Voice call Elmendorf Global)
 Summer: 4724.0 (1000-1300Z) 6739.0 (0800-1400Z) 13200.0 (1300-1000Z)
 15016.0 (1400-0800Z)
 Winter: 4724.0 (0230-1900Z) 6739.0 (0030-2130Z) 13200.0 (1900-0230Z)
 15016.0 (2130-0030Z)

Year Round/24 hours: 8992.0 11175.0

Hickam AFB, Hawaii (Voice call Hickam Global)

Summer: 4724.0 (1000-1600Z) 6739.0 (0500-1000Z) 15016.0 (1600-0500Z)

Winter: 4724.0 (0800-1700Z) 6739.0 (0400-0800Z) 15016.0 (1700-0400Z)

Year round/24 hours: 8992.0 11175.0

Discrete Frequencies: 11181.0 13242.0

Keflavik NAS, Iceland

Summer: 4724 (2200-0530Z) 6739.0 (2200-0730Z) 13200.0 (0530-2200Z)

15016.0 (0730-2200Z)

Winter: 4724.0 (2000-0800Z) 6739.0 (2000-1000Z) 13200.0 (0800-2000Z)

15016.0 (1000-2000Z)

Year round/24 hours: 8992.0 11175.0

Lajes AB, Azores (Voice call Lajes Global)

Summer: 4724.0 (2230-0400Z) 15016.0 (0400-2230Z)

Winter: 4724.0 (1800-0800Z) 15016.0 (0800-1800Z)

Year round/24 hours: 8992.0 11175.0 13200.0

Discrete Frequencies: 11220.0 13440.0 14896.0 23265.0

McClellan, California (Voice call McClellan Global)

Summer: 4724.0 (0730-1300Z) 6739.0 (0530-1300Z) 13200.0 (1300-0730Z)

15016.0 (1300-0530Z)

Winter: 4724.0 (0500-1530Z) 6739.0 (0300-1530Z) 13200.0 (1530-0500Z)

15016.0 (1530-0300Z)

Year round/24 hours: 8992.0 11175.0

Offutt AFB, Nebraska (Voice call Offutt Global)

Summer: 4724.0 (0600-1100Z) 6739.0 (0400-1100Z) 13200.0 (1100-0600Z)

15016.0 (1100-0400Z)

Winter: 4724.0 (0300-1400Z) 6739.0 (0100-1400Z) 13200.0 (1400-0300Z)

15016.0 (1400-0100Z)

Year round/24 hours: 8992.0 11175.0

Discrete Frequency: 10589.0 11053.0 11159.0 11181.0 12087.0

Salinas, Puerto Rico (Voice call Puerto Rico Global)

Summer: 4724.0 (0300-1000Z) 6739.0 (0100-1000Z) 13200.0 (1000-0300Z)

15016.0 (1000-0100Z)

Winter: 4724.0 (0200-1100Z) 6739.0 (2400-1100Z) 13200.0 (1100-0200Z)

15016.0 (1100-2400Z)

Year round/24 hours: 8992.0 11175.0

Discrete Frequencies: 7690.0 9006.0 10648.0 11056.0 11220.0 11484.0 15087.0

Sigonella Naval Station, Sicily, Italy (Voice call Sigonella Global)

Summer: 4724.0 (2230-0400Z) 15016.0 (0400-2230Z)

Winter: 4724.0 (1800-0800Z) 15016.0 (0800-1800Z)

Year round/24 hours: 6739.0 8992.0 11175.0 13200.0

Thule AB, Greenland (Voice call Thule Global)

Year round/24 hours: 8992.0 11175.0 13200.0 15016.0

Discrete: 11181.0 13215.0

Yokota AB, Japan (Voice call Yokota Global)

Summer: 4724.0 (1200-1930Z) 6739.0 (1000-2130Z) 13200.0 (1930-1200Z)

15016.0 (2130-1000Z)

Winter: 4724.0 (0930-2200Z) 6739.0 (0730-2400Z) 13200.0 (2200-0930Z)

15016.0 (2400-0730Z)

Year round/24 hours: 8992.0 11175.0

Notes:

1. Summer schedules run from April-September. winter schedules run from October-March
2. The Air Force Eastern Test Range (AFETR) HF Network may be used as a backup to GLOBAL. The net can be contacted on USB 10780.0 (primary) and 20390.0 kHz (secondary) using the call sign of CAPE RADIO. Another backup to the HF-GCS is profiled below in the US Air Force MARS section.

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DOD Emergency Action Message (EAM) Broadcast Time Slots

These broadcast are commonly heard on HF-GCS primary frequencies plus 11244.0 kHz. Please note that not all HF-GCS published frequencies are active for every EAM broadcast time slot listed below. Also some of the activity listed below is not on HF-GCS published frequencies, but on other selected discrete frequencies.

For an in-depth discussion on what an EAM is, see the utility information file on the WUN website at URL: <http://www.wunclub.com/files/eam.html>

Current as of 24 June 2004

H+00 HF-GCS Offutt AFB, Nebraska
H+05 HF-GCS Andersen AB, Guam
HF-GCS Croughton AB, United Kingdom
H+07 U.S. Navy E-6 TACAMO (Take Charge and Move Out) Atlantic (LANT) aircraft (6697.0/13155.0 kHz)
H+08 U.S. Navy E-6 TACAMO aircraft HF-GCS six character EAMS "FOR..."
H+09 HF-GCS McClellan AFB, California
H+14 U.S. Navy E-6 TACAMO Pacific (PAC) aircraft (6697.0/13155.0 kHz)
H+20 HF-GCS Salinas, Puerto Rico
H+21 HF-GCS Elmendorf AFB, Alaska
H+25 USSTRATCOM Looking Glass mission aircraft
H+29 HF-GCS Sigonella Naval Station, Sicily
H+30 HF-GCS Andrews AFB, Maryland
H+34 HF-GCS Hickam AFB, Hawaii
H+35 HF-GCS Croughton AB, United Kingdom
H+37 U.S. Navy E-6 TACAMO LANT aircraft (6697.0/13155.0 kHz)
H+38 U.S. Navy E-6 TACAMO aircraft HF-GCS six character EAMS "FOR..."
H+40 HF-GCS Elmendorf AFB, Alaska
H+44 U.S. Navy E-6 TACAMO PAC aircraft (6697.0/13155.0 kHz)
H+46 Unknown station
H+49 HF-GCS McClellan AFB, California
H+50 HF-GCS Lajes AB, Azores
H+55 USSTRATCOM Looking Glass mission aircraft
H+59 HF-GCS Sigonella Naval Station, Sicily

Earlier examples of this broadcast schedule can be seen in the various 1980s editions of the Grove Shortwave Directories (usually on page 5 for those that still have them) - Those minute stamps were also used for the then common "standing by for traffic" calls heard from the various GIANT TALK ground stations operating under their pre-92 daily changing callsign aliases.]

The FOXTROT (SKYKING) messages are also common, or at least they used to be. You should generally hear more than two over any 24 hour period. Of interest, the preface to the FOXTROT broadcasts that would name the echoing ground stations have not been heard (here) since maybe sometime in April 2003 (around the end of major combat in Iraq.) I've heard no instance of a request to DIEGO GARCIA or THULE or anyone else since around that time, just the occasional FOXTROT broadcast from ANDREWS or whoever. They dropped the DECENT, ENLIST, FAIRLY, EYESTRAIN, DEFROSTER echo requests sometime around Sept 2001 (maybe) to be replaced with plaintext station names (THULE; DIEGO GARCIA; CYPRUS FLIGHT WATCH) after 9/11, and now since around April 2003 maybe nothing.

Busiest frequencies are 8992.0 ("Eight-Niner") and 11175.0 ("Triple-1"), which most stations guard around the clock. The others operate on a schedule which changes twice yearly, on the first of April and October. The upper sideband (USB) mode is used on all HF-GCS frequencies listed above.

Note: The data signal you will on 9025.0 kHz is ALE which is a computerized system that simplifies HF operation (see section below). Older frequency circulated on the internet continue to list 8968.0 and 17976.0 kHz, but these were removed from HF-GCS service over three years ago.

HF-GCS Scope Command HF ALE Network

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HF-GCS ALE Network frequencies (USB/ALE): 3137.0 4721.0 5708.0 6721.0
9025.0 11226.0 13215.0 15043.0 18003.0 23337.0

The ALE system used by the JCS HF-GCS network is designated MIL-STD-188-141A. You can download a software program developed by Charles Brain to decode these digital transmissions at the following URL:
<http://www.chbrain.dircon.co.uk/>.

ALE allows automated ground agency contact by selecting the best station and best frequency without operator interaction. ALE radios make this possible by using a datafill that contains frequency, station and other pertinent information. For ALE radios to operate properly, the radio must have a loaded datafill, be turned on in the "automatic" mode and remain there the duration of the flight. If the radio is removed from the ALE mode, history tables will require time to rebuild and initial communications may be slightly degraded.

Net participating stations, identifiers and specific frequency assignments used in the HF-GCS ALE net:

ADW Andrews AFB, MD USA
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

AED Elmendorf AFB, AK USA
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

CRO RAF Croughton, UK
3137 4721 6721 9025 11226 13215 15043 18003 23337

GUA Andersen AFB, Guam
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

HAW Ascension Island
3137 4721 6721 9025 11226 13215 15043 18003 23337

HIK Hickam AFB, Hawaii
3137 4721 6721 9025 11226 13215 15043 18003 23337

ICZ Sigonella, Sicily Italy
3137 4721 5708 6721 9025 11226 13215 15043 18003

IKF NAS Keflavik, Iceland
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

JDG NSF Diego Garcia
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

JNR Salinas, Puerto Rico
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

JTY Yokota AB, Japan
3137 4721 6721 9025 11226 13215 15043 18003

MCC McClellan, CA USA
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

MPA RAF Port Stanley, Falkland Island(South Atlantic)
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

OFF Offutt AFB, NE USA
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

PLA Lajes AB, Azores
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

Selected non HF-GCS stations observed in this net:

CEF 439AW, Westover AFB, MA
GVT Raytheon, Greenville, TX
OKC Oklahoma City (Tinker AFB), OK
RIC CAP Region 2 MER/CAP National Technology Center, Richmond, VA
RSC Rockwell Scope Command Facility, Greenville, TX
TAG Incirlik AB, Turkey (HF-GCS Facility Closed)
WRL Warner-Robins AFB, GA

Preset telephone number codes imbedded in Scope Command ALE command lines:

PCHS Charleston Command Post
PDOV Dover AMCC
PERT Rota

PMET Hilda Metro
 PPLA Lajes AB
 PTAE Hilda East
 PTAR Ramstein AB
 PTAW Hilda West
 PWRI McGuire AFB

NIPR/SIPR HF ALE Network
 =====

Courtesy of Ron Perron and Christopher Corley

SIPR (Secret Internet Protocol Router) Network Frequencies
 (USB/ALE): 3113.0 5702.0 6715.0 8968.0 11181.0 17976.0 27870.0

SIPR Gateway/Frequency Matrix:

ADWSPR	Andrews AFB, Maryland	3113.0	5702.0	6715.0	8968.0	11181.0	17976.0	27870.0
CROSPR	Croughton AB, United Kingdom	5702.0	6715.0	8968.0	11181.0	17976.0	27870.0	
HAWSPR	Ascension Island	8965.0	11181.0	17976.0				
ICZSPR	Sigonella AB, Sicily, Italy	5702.0	6715.0	8968.0	11181.0	17976.0		
IKFSPR	NS/NAS Keflavik, Iceland	11181.0	17976.0					
JDGSPR	Diego Garcia, Indian Ocean	11181.0	27870.0					
JNRSRPR	Salinas, Puerto Rico	3113.0	6715.0	8968.0	11181.0	17976.0		
MCCSPR	McClellan, California	5702.0	6715.0	11181.0				
OFFSPR	Offutt AFB, Nebraska	3113.0	5702.0	6715.0	8968.0	11181.0	17976.0	
PLASPR	Lajes AB, Azores	5702.0	6715.0					

NIPR (Non-Secure Internet Protocol Router) Network Frequencies (USB/ALE):
 3068.0 4745.0 5684.0 8965.0 11199.0 13242.0 17973.0 20631.0

NIPR Gateway/Frequency Matrix:

ADWNPR	Andrews AFB, Maryland	3068.0	4745.0	8965.0	11199.0	13242.0	17973.0	20631.0
CRONPR	Croughton AB, United Kingdom	17973.0						
MCCNPR	McClellan, California	5684.0	8965.0	13242.0	17973.0			
OFFNPR	Offutt AFB, Nebraska	5684.0	8965.0	11199.0	13242.0	17973.0	20631.0	

MYSTIC STAR Network
 =====

This is a worldwide communications system, operated and maintained by elements of the United States Army, United States Navy, and United States Air Force under the control of the Defense Information Systems Agency (DISA) Operations Center. Its network provides worldwide communications by directly controlling radio equipment located at Global HF system stations. It consists of ultra high frequency satellite and HF networks supporting Presidential, special air mission, Joint Staff, VIP (very important persons) and command airborne missions. The Mystic Star HF network consists of: a single master net control station (MNCS) located at Andrews AFB Maryland, interstation and intersite circuits, and relay and auxiliary communications subsystems. (Source Air Force Instruction 33-106)

Column Note: We have seen less and less monitor reports on this system over the last few years. It is widely believed that encryption is the reason for this decline in traffic.

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Frequency/Designator Matrix (USB/LSB/Encryption)

F003	8036.0 (1)	F005	9120.0 (3)	F007	4850.0
F009	17972.0	F020	16117.0 (1)	F033	15962.0
F039	10881.0	F046	13823.0	F054	8058.0 (9)
F058	4742.0 (6)	F061	23265.0 (2)	F063	14870.0
F064	11214.0 (3)	F066	15036.0	F077	Unknown
F078	18532.0	F080	15677.0	F084	13205.5
F085	6993.0	F086	9461.0	F089	13204.0 (1)
F090	6716.0	F094	9017.0 (2)	F098	14585.0
F099	13247.0 (0)	F101	12106.0 (6)	F102	11118.0 (2)
F103	11488.0 (6)	F107	Unknown (8)	F108	7316.0
F114	6986.0 (6)	F117	6993.0 (8)	F124	11217.0 (6)
F126	12087.0 (2)	F128	23242.0	F134	4942.5
F136	5429.5 (7)	F146	9027.0 (1)	F153	8063.0 (6)
F171	18403.5 (9)	F173	14420.5	F174	20650.0
F182	3078.0 (6)	F184	10648.0 (8)	F186	3046.0
F194	13825.0 (5)	F195	20631.0	F197	4982.0 (6)
F202	16014.0 (5)	F204	12057.0	F211	11056.0 (7)
F213	Unknown	F220	11181.0	F226	5435.5 (6)
F228	7735.0 (5)	F229	Unknown (8)	F236	15041.0 (9)
F240	Unknown (8)	F243	18590.0	F248	5398.0 (5)
F249	4731.0	F250	15091.0 (2)	F251	13217.0 (1)
F262	10717.0	F264	7693.0 (6)	F265	15733.0 (1)
F266	7997.0 (6)	F267	6730.0 (2)	F268	7325.0 (2)
F271	18320.0	F277	11153.0 (1)	F287	11226.0 (2)
F290	8026.0 (2)	F291	13960.0 (1)	F292	9414.5
F295	11460.0 (3)	F300	15707.0 (0)	F301	7500.5 (2)
F302	Unknown	F310	Unknown	F311	11220.0 (3)
F322	Unknown	F326	14864.0	F327	18716.0
F337	18761.0	F341	16083.0	F350	5043.0
F351	Unknown (9)	F354	11053.0 (2)	F356	7827.0
F360	7919.5 (8)	F363	15018.0 (7)	F365	11059.0 (1)
F369	20397.0 (8)	F370	17177.0	F372	16123.0 (8)
F380	3144.0 (5)	F382	15094.0 (6)	F395	9057.0 (1)
F400	6728.0 (5)	F404	7690.0 (2)	F405	6972.0
F406	18393.0 (6)	F417	4992.0	F419	11407.0 (5)
F420	7933.0 (7)	F432	6731.0 (8)	F433	20972.0
F435	3821.0	F437	5684.0 (6)	F441	17440.0 (1)
F444	19267.0	F448	16-18 MHz	F451	13248.0 (9)
F452	5026.0	F453	19063.0	F461	13211.0 (1)
F463	4610.0 (1)	F464	16157.0	F465	8040.0 (0)
F466	14864.5 (0)	F467	9023.0 (3)	F476	4-6 MHz
F481	7605.0	F483	18626.0	F486	5152.0 (9)
F487	24483.0	F489	5437.0 (7)	F496	11059.5 (2)
F497	5411.0 (7)	F498	8032.0 (1)	F499	4442.0 (0)
F500	8989.0 (6)	F505	9006.0 (2)	F515	Unknown (2)
F516	4645.0 (6)	F517	9270.0 (6)	F521	11484.0 (2)
F522	11232.0 (2)	F523	9215.0 (9)	F529	8077.0 (7)
F530	23325.0	F533	18675.0 (6)	F538	Unknown
F540	5404.5	F541	Unknown (2)	F542	5431.0 (6)
F543	8083.0	F545	10580.0	F546	18400.0
F551	18331.0 (6)	F555	4894.0 (6)	F561	11052.0 (6)
F567	13565.0 (6)	F569	18387.0	F574	11413.0 (6)
F575	10427.0	F576	11153.5 (2)	F577	10544.0 (7)
F579	Unk 11 MHz	F595	10877.0	F600	13878.0 (6)
F611	14863.0	F614	4488.8 (8)	F616	9320.0 (2)
F622	5817.0	F623	18317.0	F624	13241.0 (1)
F626	19343.0	F627	7910.0 (5)	F631	18755.0 (5)
F633	18290.0 (1)	F639	7469.0	F642	18218.0 (2)
F644	15821.0 (5)	F646	13440.0 (2)	F649	8053.0 (6)
F655	11053.0	F662	15048.0 (6)	F664	15 MHz
F667	6817.0 (7)	F673	3064.0	F677	6 MHz
F690	3032.0	F700	4490.0	F701	11058.0 (7)
F702	9323.0 (6)	F703	9991.5 (6)	F706	8057.0 (5)
F707	10589.0 (2)	F708	23377.0	F709	9317.0 (7)
F710	4458.0	F713	16246.0 (5)	F717	10883.0
F722	12270.0 (9)	F723	18323.0 (6)	F728	11236.0 (5)
F731	6683.0 (1)	F732	15011.0 (7)	F734	4757.0 (7)

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F736 11494.0 (8) F741 7873.0 F748 6756.0 (5)
 F749 15-16 MHz F752 8047.0 (2) F754 11627.0
 F758 4452.0 (8) F777 3113.0 (6) F778 18023.0 (8)
 F784 9043.0 (6) F785 15687.0 (6) F790 16323.0
 F793 Unknown (0) F800 Unknown (2) F803 5078.0?
 F807 12103.0? F809 5700.0 (5) F814 6989.0 (7)
 F821 Unknown F823 11229.0 (1) F825 19047.0?
 F832 18267.0 F843 Unk 6 MHz F845 6-7 MHz
 F846 13822.0 (5) F853 12 MHz (0) F864 16008.0 (2)
 F867 6830.0 (7) F868 9218.0 (6) F869 16090.0
 F873 13248.0 (7) F874 13246.0? F875 6717.0 (1)
 F877 4721.0 (7) F885 13207.0 (5) F891 11053.5
 F895 5710.0 (9) F904 10202.0 (0) F906 4524.0
 F909 7687.0 (8) F910 19671.0 (9) F912 7330.0
 F915 12107.0 F917 10205.0 (6) F918 13482.0
 F919 11159.0 (2) F920 7927.0 (2) F924 16317.0
 F932 Unknown (2) F933 Unknown F935 7922.5
 F937 Unknown F940 11445.0 (0) F943 19002.0 (6)
 F948 15038.0 (6) F952 Unknown F956 Unknown
 F957 6761.0 (0) F965 11466.0 (2) F974 10586.0 (6)
 F975 Unk 11 MHz F980 15724.0 F982 9,13 MHz
 F987 10583.0 (6) F988 4763.0 F997 15667.0

Legend:

- (7) Confirmed 1997
- (8) Confirmed 1998
- (9) Confirmed 1999
- (0) Confirmed 2000
- (1) Confirmed 2001
- (2) Confirmed 2002
- (3) Confirmed 2003

Frequencies 4441.0, 6671.0, 8260.0, 18801.0 and 25363.0 has been heard carrying "Mystic Star" traffic, but no designator is known. Designator F171 and signals associated with this net have been monitored on 18397.4 vice the 18403.5 we have listed above.

=====
 *United States Strategic Command (USSTRATCOM)
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HF "Zulu" Airborne Command Post Net

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 Frequency/Designator Matrix (USB)

Z100 3068.0 (9)	Z180 9057.0 (3)	Z265 18024.0 (0)
Z105 3116.0 (2)	Z185 9809.0 (0)	Z270 18027.0 (0)
Z110 3134.0? (8)	Z190 10204.0 (3)	Z275 18046.0?
Z115 3143.0 (9)	Z195 Unknown (3)	Z280 18387.0 (2)
Z120 3295.0 (2)	Z200 11181.0 (3)	Z285 Unknown
Z124 Unknown	Z205 11494.0 (2)	Z290 19665.0 (9)
Z125 4495.0 (2)	Z210 11229.0 (3)	Z295 19755.0 (2)
Z130 4472.0 (8)	Z211 12070.0 (2)	Z300 20167.0 (2)
Z135 4745.0 (2)	Z215 13242.0 (2)	Z305 20407.0 (9)
Z140 5026.0 (8)	Z220 13245.0 (2)	Z310 23337.0
Z145 5705.0 (3)	Z225 13907.0 (1)	Z315 23872.0 (9)
Z150 5800.0 (2)	Z230 15046.0 (7)	Z320 24828.0?
Z155 5875.0 (0)	Z235 15094.0 (3)	Z325 24978.0?
Z160 6715.0 (2)	Z240 15097.0 (0)	Z330 26532.0?
Z165 6757.0 (2)	Z245 Unknown	Z335 26859.0 (2)
Z170 7831.0 (2)	Z250 15962.0 (1)	Z340 Unknown
Z174 Unknown	Z255 17973.0 (0)	Z345 Unknown
Z175 9016.0 (4)	Z260 18006.0 (0)	Z350 Unknown

Legend:

- (7) Confirmed 1997
- (8) Confirmed 1998
- (9) Confirmed 1999
- (0) Confirmed 2000

- (1) Confirmed 2001
- (2) Confirmed 2002
- (3) Confirmed 2003

Note: At 1805 UTC on 16 Dec 2003, monitored female op using tac call calling other tac calls IDed frequency as Z-280/Z-230. A new frequency 7992.0 kHz has been uncovered by WUN member Jeff Haverlah in Texas during monitoring of a STRATCOM exercise on June 25, 2003. The frequency was being used by airborne command post participating in a STRATCOM communications exercise. No designator has been assigned at this time.

Other notes on USSTRATCOM related communications/frequencies from Jeff Haverlah.

11244.0 kHz

1. This frequency is a special HF-GCS discrete that is used by *every* named HF-GCS station for Emergency Action Messages (EAM) and FOXTROT broadcast. In fact, it has been described as the "broadcast" frequency. Stations here do not respond to MAINSAIL general calls on this frequency.

2. This frequency is guarded by the Nightwatch 01 (US Air Force E-4 National Airborne Operations Center or NAOC) station (which uses daily changing callsign aliases) and is paired with 8992.0 kHz.

3. This frequency is used by the apparent USSTRATCOM Looking Glass mission aircraft for daily EAM transmissions at any time, and used for repeat EAM transmissions at H+25/H+55 mostly during North American daylight hours (and at any part of the day during exercises). Paired with 8992.0 kHz. Also guarded by the Glass mission and other U.S. Navy E-6 TACAMO aircraft when active.

Note: The primary mission of the Looking Glass aircraft is the ability to command, control, and communicate with its nuclear forces. Its highly-trained crew and staff ensure there is always an aircraft ready to direct bombers and missiles from the air should ground-based command centers become inoperable. Looking Glass guarantees that U.S. strategic forces will act only in the precise manner dictated by the president. On Oct. 1, 1998 the Navy's E-6B Mercury aircraft replaced the USAF EC-135 in the Looking Glass mission.

4. Used by possible tanker aircraft (maybe on their SIOP mission) passing 4-element groups to "SkyMaster" (NAOC and TACAMO aircraft) during exercises and paired with 8992.0 kHz. The 4-element groups have been called "TID traffic" by SKYMASTER aircraft.

5. Used by other U.S. government stations (i.e. Federal Emergency Management Agency-FEMA, etc) including the static call "Blue Grass" (Mt. Weather, Virginia) as a frequency to pass "Hotel" messages. These messages are passed to each other and to the NAOC aircraft (using an alias separate from that particular day's callsign). This activity is usually during the third week of each month, is not paired with 8992.0 kHz, and many of the station's use callsigns begin with the letter "A" (i.e. Axle Rod, Army Ruler, etc).

6. Units here always identify the frequency as 11244.0 kHz and not with a tactical designator.

6697.0 kHz

1. This frequency is used by the TACAMO aircraft for daily evening/night (North America) EAM transmissions during the following time slots:

H+07/H+37 by a TACAMO LANT aircraft
H+14/H+44 by a TACAMO PAC aircraft

2. EAMs have been heard at any time during initial broadcast, simulcast on 8992.0, 11244.0 and on the USSTRATCOM Zulu net frequencies above.

3. This frequencies is also used by possible TACAMO aircraft to

WUN-v10

communicate with trigraph identifier stations during exercises (usually to receive 3-element group traffic from these trigraph stations.)

4. Also is used 24-hours a day by the United Kingdom's station MKL and their trigraphs (many of these thought to be Nimrod aircraft).

13155.0 kHz

1. This frequency is used by the TACAMO aircraft for daily daytime (North America) EAM transmissions during the following time slots:

- H+07/H+37 by a TACAMO LANT aircraft
- H+14/H+44 by a TACAMO PAC aircraft

2. EAMs have been heard at any time during initial broadcast, simulcast on 8992.0, 11244.0 and on the USSTRATCOM Zulu net frequencies above.

3. The activity on this frequency apparently moved here from 11267.0 kHz a few years ago. 11267.0 now seems to be quiet probably indicating that it is no longer used for this purpose.

Other U.S. Navy frequencies heard recently with EAM broadcasts by Jeff Haverlah and the column editor: 4515.0 4848.0 5680.0 6512.0 6666.0 6686.0 6720.0 6724.0 6778.0 6833.0 6903.0 7501.0 7589.0 8020.0 8971.0 9007.0 9010.0 9036.0 9283.0 10515.5 10805.0 10994.0 11187.0 11255.0 11271.0 13155.0 14698.0 15038.0 15049.0 16117.0

These and other old U.S. Navy HF HICOM (High Command) frequencies have been active in past with heavy EAM traffic. (See HF-GCS section above about the demise of the HICOM network)

=====
*United States Air Force
=====

Special Operations Command (AFSOC)

=====
Frequency/Designator Matrix (USB)

- 3044.0 352SOG RAF Mildenhall, United Kingdom Maintenance
- 3134.0 Hurlburt Field, Florida
- 4450.0 352SOG RAF Mildenhall, United Kingdom Exercise Operations
- 5204.5 352SOG RAF Mildenhall, United Kingdom (Blackhat) Primary
- 5349.0 352SOG RAF Mildenhall, United Kingdom (Blackhat)
- 5687.0 Hurlburt Field, Florida (Plantation/Seminole Operations)
- 5732.0 Hurlburt Field, Florida (Emerald Ops/Seminole Operations)
- FOX 2?
- Kirtland AFB, New Mexico
- 6730.0 Hurlburt Field, Florida
- 9018.0 AFSOC Air-to-Air
- 9019.0 Hurlburt Field, Florida (Plantations Operations) FOX 4? ex-9017
- 9026.0 352SOG RAF Mildenhall, United Kingdom (Blackhat)
- 9161.5 352SOG RAF Mildenhall, United Kingdom (Blackhat) Primary
- 11611.0 Hurlburt Field, Florida (Seminole/Emerald Operations)
- 13206.0 Hurlburt Field, Florida (Plantations Operations) FIX 1? ex-13207 kHz

I have had no recent reports on 18027.0 (FOX 9) or 23271.0 kHz (FOX 8). Has anyone in the last year heard any AFSOC units using the FOX designators above? Also, the following frequencies were active with AFSOC activity until the overhaul of the OR frequencies several years ago. Does anyone know what frequencies have taken their place? 4721.0 6712.0 9017.0 9023.0 kHz.

RAF Mildenhall, United Kingdom

=====
6761.0 Aerial refueling tankers interplane (worldwide)

Ramstein AB, Germany

=====

AMC Command Post (Metaphor)

Frequencies (USB): 6730.0 9022.0

Miscellaneous Listings

=====

JStars aircraft discrete

Frequency (USB): 11181.0

Air Force Military Affiliate Radio System (MARS)

=====

You will also find a considerable amount of military aircraft voice traffic (official and unofficial) on the U.S. Air Force Military Affiliate Radio System (MARS) phone patch network frequencies: The primary frequencies are 13927.0 and 20992.0 kHz. These are fun and interesting frequencies to monitor.

Frequency/Designator Matrix (USB)

4557.0 RK

7633.5 ACJ

13927.0 ACB (Primary)

14606.0 ACF

18617.0 ???

20992.5 ACZ

MARS conducts a phone patch admin net on Sundays at 1600 UTC on 13977.0 kHz (ACC).

Civil Air Patrol (CAP) Tech

=====

Profile from Ron Perron

Confirmed Frequencies (USB/ALE): 5006.0 6800.0 (SHARES) 6806.0 7602.0

8012.0 9047.0 11402.0 13415.0 14357.0 19814.0

ALE Identifiers:

Surfing on the CAP web site and reading some of their publications (Organization, Communications Procedures, CAP Alerting System) Ron has confirmed the following identifiers:

RIC CAP National Technology Center, Richmond VA

022NHQCAP National Ops Center (NOC) CAP Nat'l HQs, Maxwell AFB AL.

According to the CAP Alerting System Communications Actions publication under threat advisories Yellow (present condition), Orange and Red the NOC (Headcap 22) and the NTC (Headcap 33) are responsible for conducting the National Command Net with the NTC acting as alternate net control to the NOC. "Confidence checks" have to be conducted to ensure that the system is ready for any contingency. This probably explains the fairly heavy volume of soundings from 022, 047 and 062 NHQCAP identifiers.

Reading these same publications and looking at the command structure of CAP headquarters, Ron has tentatively identified the following identifiers:

CAP Used on SHARES frequencies

033NHQCAP Unidentified

043NHQCAP Unidentified

046NHQCAP Unidentified

951NHQCAP Unidentified

971NHQCAP Unidentified

047NHQCAP Director of Communications (DOK) CAP Headquarters, Maxwell AFB, AL [Tentative]

062NHQCAP Director of Operations (DOO) CAP Headquarters, Maxwell AFB, AL [Tentative]

034MERCAP Middle East Region, North Carolina, possible Region Chief of Staff

004MERCAP Middle East Region, Chief of Staff

0033COCAP Colorado CAP

0041MICAP Michigan CAP
 0042MICAP Michigan CAP
 0004WICAP Wisconsin CAP
 0004SCCAP South Carolina CAP
 043SERCAP Southeast Region CAP
 044NCRCAP National Capitol Region CAP, Washington DC
 100NERCAP Northeast Region CAP
 037RMRCAP Rocky Mountain Region CAP
 0272HICAP Hawaii CAP

In mid-summer 2004 the following ALE identifiers were noted on CAP freqs:

ADWCAP Civil Air Patrol at Andrews AFB
 MCCCAP Civil Air Patrol at McClellan AFB
 JNRCAP Civil Air Patrol at Roosevelt Roads, Puerto Rico.
 HIKCAP Civil Air Patrol at Hickam AFB

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 *U.S. Army
 =====

U.S. Transportation Command
 =====

Frequency/Designator Matrix (USB)

4146.0 Channel 1
 6224.0 Channel 2
 6227.0 Channel 3
 8294.0 Channel 4
 8297.0 Channel 5
 12353.0 Channel 6
 12359.0 Channel 7
 12365.0 Channel 8

Army Corps of Engineers
 =====

Frequency/Designator Matrix (USB/ALE)

3345.0 Channel 1
 5015.0 Channel 2 ALE
 5327.5 Channel 3
 5400.0 Channel 4
 5437.5 Channel 5 ALE
 6020.0 Channel 6
 6785.0 Channel 7 ALE
 9122.5 Channel 8 Primary ALE
 11693.5 Channel 9 ALE
 12070.0 Channel 10 Secondary ALE
 12122.0 Channel 11 ALE
 13925.5 Unknown ALE
 16077.0 Channel 12 ALE
 16326.0 Channel 13 Teritiary ALE
 16358.0 Channel 14
 20659.0 Channel 15 ALE

ALE Addresses (Courtesy of Larry Van Horn):

CGQ US Army Corps of Engineers Headquarters Washington, DC
 CRL Cold Region Research & Engineering Lab Hanover, NH
 ECV Unknown
 G333 Unknown
 G334 Unknown
 G336 Unknown
 L22 Unknown
 L30 Unknown
 LRB Buffalo District Buffalo, NY
 LRD Great Lakes and Ohio River Division Cincinnati, OH
 LRE Detroit District Detroit, MI
 LRH Huntington District Office Huntington, WV
 LRL Louisville District Louisville, KY
 LRN Nashville District Office Nashville, TN

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LRO	Unknown
LRP Pittsburgh District	Pittsburgh, PA
MVD Mississippi Valley Division Office	Vicksburg, MS
MVN New Orleans District Office	New Orleans, LA
MVS St. Louis District Office	St. Louis, MO
MVT	Unknown
NAD North Atlantic Division Office	Brooklyn, NY
NAO Norfolk District Office	Norfolk, VA
NAP Philadelphia District	Philadelphia, PA
NVP St. Paul District Office	Saint Paul, MN
NWK Kansas City District	Kansas City, MO
NWO Omaha District	Omaha, NE
NWP Portland District	Portland, OR
POA	Anchorage, AK
RDTAR	Unknown
RDTEF	Unknown
RPK	Unknown
RRV	Unknown
SAC Charleston District Office	Charleston, SC
SAD	Atlanta, GA
SAM Mobile District Office	Mobile, AL
SAS Savannah District Office	Savannah, GA
SAW Wilmington District	Wilmington, NC
SBV	Unknown
SPA	Albuquerque, NM
SPK Sacramento District	Sacramento, CA
SWF Southwestern Division	Fort Worth, TX
SWG Galveston District	Galveston, TX
SWT Tulsa District	Tulsa, OK
TSX	Unknown
WUM	Unknown

18th Airborne Corps HF ALE Net

=====

Courtesy of Ron Perron

Frequencies (USB/ALE): 3238.5 4641.5 5883.5 6911.5 7361.5 8171.5
9295.0 10161.5 10680.0 12168.0

ALE Identifiers:

18FABDEJAGCE 18th Field Artillery Bde
159X1 Probable 1/159th deployed/exercise HQs
229JAGCE Probably 229th FA Bn (105mm howitzers)
327FAJAGCE 3-27th FA (MLRS)-Multiple Rocket Launcher Bn, 18th Airborne Corps
FFAJAGCE Unidentified sub-unit of 18th FA Regt
P1Z159 1/159th Avn Bn, Ft Bragg
S03OPS Unidentified
S08OPS Unidentified
S12 Unidentified
S21 Unidentified
S41 Unidentified
T1Z159 1/159th Avn Bn, Ft Bragg
T18 Probably 18th Airborne Corps HQs

Continuity of Operations (COOP) HF ALE Net

=====

Courtesy of Ron Perron

Frequencies (USB/ALE): 3275.0 3285.0 5066.5 5088.5 6767.5 6985.0
7448.5 7510.0

ALE Identifiers:

CECOM Army Communications & Electronics Command, Ft. Monmouth NJ.
USACE1010 Army Corps of Engineers
USADA1010 Unidentified
USAF1220 Army Forces Command (FORSCOM), Ft McPherson GA
USAIS1012 Army Intelligence & Security Command, Ft Belvoir VA

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USAMC2120 Army Materiel Command, Alexandria VA
USAMD1010 Army Medical Department ???
USANG2409 Army National Guard HQs, Arlington VA
USAPC1010 Army Pacific Command, Oahu HI

I believe the purpose of this net is to develop & maintain an HF ALE communications capability to support the major US Army commands. This net would probably provide backup communications capability in the event of failures of other means of communications, i.e. landlines, satellites, microwave/troposcatter.

This net is usually "tested" on wednesdays. Lately the US Army Intelligence & Security Command, Ft Belvoir VA has been acting as Net Control Station (NCS) for this net.

U.S. Army National Guard

=====
Frequencies (USB/ALE): 4924.5 5847.0 6809.0 8047.0 9121.0 10816.5
14653.0 16338.5 20906.0 kHz
These frequencies appear to be allocated to State National Guard headquarters.

ALE Addresses:

A040LN Alabama
A060RN Arkansas
A090ZN Arizona
A100KN Alaska
C010TN Connecticut
C080ON Colorado
C090AN California
D030CN Washington DC
D030EN Delaware
F040LN Florida
G040AN Georgia
G090UN Guam
H090IN Hawaii
I010DN Idaho
I050NN Indiana
I070AN Iowa
K040YN Kentucky
K070SN Kansas
L060AN Louisiana
M010AN Massachussetts
M010EN Maine
M030DN Maryland
M040SN Mississippi
M050IN Michigan
M050NN Minnesota
M070ON Missouri
M080TN Montana
N010HN New Hampshire
N020JN New Jersey
N020YN New York
N040CN North Carolina
N060MN New Mexico
N070EN Nebraska
N080DN North Dakota
O010RN Oregon
O050HN Ohio
O060KN Oklahoma
P020RN Puerto Rico
P030AN Pennsylvania
R010IN Rhode Island
S040CN South Carolina
S080DN South Dakota
T040NN Tennessee
T060XN Texas
U080TN Utah

V010TN Vermont
 V020IN Virgin Islands
 V030AN Virginia
 W010AN Washington State
 W030VN West Virginia
 W080YN Wyoming

ARC61NG 61st WMD CST Unit, Arkansas
 HD1 Unknown user
 HQ701N Probably NG HQs (Arlington VA)
 HQ703N Probably NG Readiness Center (Arlington VA)
 MN55CSTNGB 55th WMD CST Unit, Minnesota
 OKC63NG 63rd WMD CST Unit, Oklahoma
 TXC06NG 6th WMD CST Unit, Texas
 WV3 West Virginia

Ron has also seen an ALE address PMTRCS/PMTRCSHFON. He believes the letters stand for Program Manager for Tactical Radio Communications Systems and has seen this address communicating with several of the new identifiers. Perhaps they are evaluating or checking on the deployment of their radio systems to these units.

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 *U.S. Coast Guard
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Air-to-Ground Nets

=====
 Frequencies (USB): 3053.0 3056.0 3119.0 3122.0 4730.0 4733.0 5693.0
 5696.0 5699.0 8980.0 8983.0 11196.0 11199.0 11202.0 13218.0
 13221.0 15082.0 15085.0 15088.0 17988.0 17991.0

Station List:

CAMSLANT Chesapeake, Virginia
 CAMSPAC Point Reyes, California
 GANTSEC Great Antilles Section

Secure Net

=====
 Frequency/Designator Matrix (USB)
 4716.6* 3A04 Group Key West (ANDVT/Clear)
 5142.6* ANDVT Comms
 5272.0 3E06
 5320.0* US Coast Guard District 7/8 (ANDVT/Clear)
 5399.6* 3C16 GANTSEC (ANDVT)
 5422.5 3A03
 5680.0* Group Charleston with CG Cutters
 6234.5* 3E11 (ANDVT/Clear)
 6246.6* ANDVT/Clear
 6815.6 ???? ex-3E11 GANTSEC
 6969.0* ANDVT
 7421.0 3A09
 7626.0 3E10
 7773.5 3A08
 7845.0 ????
 7884.0 3E13
 7909.0 3E14 CAMSLANT
 8091.0 ????
 8240.0* Usually a HFDX frequency, but some voice with cutters noted
 8337.6* 3E12
 8980.0* ANDVT
 10608.0* 3A02 Group Miami (ANDVT/Clear)
 10675.0 3E19
 10759.0 3E20
 10788.0 3E21
 10993.6* 3A17 Group Key West (ANDVT/Clear)
 11157.5 3E24
 11202.0* Deployed cutters with HH-65 helos in Caribbean

13413.0 3E25
 13809.0 ?????
 13950.0 ?????

Note: Following designators have been mentioned recently: 3C11 (GANTSEC)
 The designators above appear to be changing. Anyone else notice any
 others changes? Reports are requested. Asterick indicates update in this
 month's column. Since January 2004 there has been no mention on the nets
 of 3A26 and 3A31. For a full listing of USCG aircraft and helicopters be
 sure to check out Mark J. Cleary's list at URL: <http://www.wunclub.com/>

TISCOM Net

=====

Frequencies (USB/ALE): 4730.0 8859.0 13221.0 17988.0

Station List:

NMC US Coast Guard CAMSPAC Point Reyes, CA
 NMG COMSTA New Orleans, LA
 NMO US Coast Guard Honolulu, HI
 NOJ COMSTA Kodiak, AK
 TISCOM US Coast Guard Telecommunications & Information Systems
 Command, Arlington, VA

A1401 Net Frequencies

=====

This is a list of Ship/Shore Independent Sideband (ISB) frequencies. I
 call this set of frequencies the A1401 net.

2016.0 2040.0 2054.0 4913.5 5108.5 5217.0 5223.0 5266.0 5272.0
 5419.5 5942.5 6961.0 7439.0 7577.0 7617.0 7626.0 7754.5 7845.0
 7884.0 7909.0 9169.0 9291.0 9332.0 9373.0 10297.5 10338.5 10354.5
 10378.0 10675.0 10759.0 10788.0 10929.5 10935.5 11024.0 11045.0
 11157.5 13413.0 13484.0 13537.7 13950.0 14506.0 14518.75 14731.0
 14752.0 14919.2 18189.0 18255.0 18283.0 18335.0 18497.0 18650.0
 18716.0 20095.0 20137.0 20518.0 20639.0 23373.0 23515.0

Atlantic Only 2161.0

Pacific Only 2144.0 5932.5 7713.0 9299.5 11165.8 18757.0

Your column editor is extremely interested in receiving activity reports
 on any of the above listed frequencies.

HF PACTOR II E-Mail Network

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Frequency	Net Control Station	Fleet	Day/Night
5272.2	NOJ	PAC	Night
6961.2	NMC1	PAC	Night
6964.4	NMC	PAC	Night
7442.3	Cutters	PAC	Night
7685.5	NNN0MDC	LANT	24hrs
8340.2	NMC	PAC	Night
10355.2	NOJ	PAC	24hrs
13827.5	NNN0MUC	LANT	24hrs
14506.2	NMC	PAC	Day
14752.2	Unknown	PAC	Day
14922.4	poss NOJ	PAC	Day
18192.2	NMC1	PAC	Day
20642.2	NMC	PAC	Day

Station List:

Callsign	Identity
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NAQD	USCGC Jarvis WHEC-725
NDWA	USCGC Morgenthau WHEC-722
NEGF	Unid USCGC
NEPP	USCGC Healy WAGB-20
NGDF	USCGC Munro WHEC-724
NKJU	USCGC Kukui WLB-203

NLPM USCGC Chase WHEC-718
 NLVS USCGC Rush WHEC-723
 NMAG USCGC Hamilton WHEC-715
 NMC Communications Area Master Station Pacific (CAMSPAC)
 Point Reyes, California
 NMC1 Coast Guard Island, Alameda, California
 NMEL USCGC Mellon WHEC-717
 NNHA USCGC Acushnet, WMEC-167
 NOJ Communications Station (COMSTA), Kodiak, Alaska
 NRCB USCGC Eagle, WIX-327
 NRPX USCGC Buttonwood WLB-306
 NRTF USCGC Active, WMEC-618
 NRUC USCGC Storis WMEC-38
 NRUO USCGC Polar Sea WAGB-11 (no longer equipped)
 NSTF USCGC Steadfast WMEC-625
 NYCQ USCGC Boutwell WHEC-719
 NZNE USCGC Walnut WLB-205 ***New Ident***
 NZVE USCGC Alert WMEC-630

NNNOCBS USCGC Durable, WMEC-628
 NNNOCCK USCGC Bear WMEC-901
 NNNOCEQ USCGC Harriet Lane WMEC-903
 NNNOCES USCGC Gentian (WIX-290)
 NNNOCFA USNS Persistent (T-AGOS 6)
 NNNOCLL Unid USCGC
 NNNOCMD USCGC Mohawk WMEC-913
 NNNOCME USCGC Northland WMEC-904
 NNNOCMS USCGC Courageous WHEC-716
 NNNOCMV USCGC Tampa WMEC-902
 NNNOCNW Unid USCGC
 NNNOCNY USCGC Campbell WMEC-909
 NNNOCNZ USCGC Tahoma WMEC-908
 NNNOCSA USCGC Seneca WMEC-906
 NNNOCSP USCGC Spencer WMEC-905
 NNNOCTB USCGC Venturous WMEC-625
 NNNOCVQ USCGC Forward WMEC-911
 NNNOCXK USCGC Gallatin WHEC-721
 NNNOCXS USCGC Dallas WHEC-716
 NNNOCYU USCGC Vigilant WMEC-617
 NNNOCZK USCGC Vigorous WMEC-627
 NNNOMDA Atlantic Shore Station, Nazareth Pennsylvania (aka:
 NNNOGKF)
 NNNOMDC Atlantic Shore Station, HQ Navy & Marine Corps MARS,
 Washington DC (aka: NNNONAV)
 NNNOMDF Atlantic Shore Station, Coast Guard HQ,
 Washington DC (aka: NNNONCG)
 NNNOMUC Atlantic Shore Station
 NNNONXZ USCGC Confidence WMEC-619
 NNNONZK USCGC Dauntless WMEC-624

9th District HF Net

=====

Frequencies (USB/ALE): 3163.4 5423.9 7530.0 7621.6 (might have
 replaced 7629.1) 8126.4 9278.5 10373.6 11043.6

Station List:

CGD9 Coast Guard District 9, Cleveland, Ohio
 NODK USCGC Bramble (WLB-392)
 NODW USCGC Sundew (WLB-404)
 NODY USCGC Acacia (WLB-406)
 NRKP USCGC Mackinaw (WAGB-83)
 NRLX USCGC Katmai Bay (WTGB-101)
 NRLY USCGC Bristol Bay (WTGB-102)
 NRUR USCGC Mobile Bay (WTGB-103)
 NRUS USCGC Biscayne Bay (WTGB-104)
 NRUU USCGC Neah Bay (WTGB-105)

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*U.S. Navy

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ELF Communications System

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NEWS FLASH!! Please note that these two broadcast will be turned off on September 30, 2004 and these two sites will be dismantled per an article in the Bay City Times newspaper on September 13, 2004.

Frequencies: 76 Hz (primary) and 44 Hz (Secondary)
There are two transmit sites: Republic, Michigan and Clam Lake, Wisconsin. This is used as a bell ringer communication system to submarines.

Strategic Communications Wing One (SCW-1)

=====

Frequency/Designator Matrix (USB)

6691.0 CA (7)
11187.0 CB (0)
17982.0 CC (9)
11264.0 CH (9)

Also check 11267.0, 13240.0 and 14615.0. References have been made on the air to designators CD, CE, CF, CG, CK and CL.

Ships Electronics Systems Evaluation Facility (SESEF)

=====

Point Loma, CA (USB): 2792.0
Mayport, FL (USB): 5745.0 10711.0
Barbers Point, HI (USB): 16087.0
Norfolk (Fort Storey), VA (USB): 7535.0 8150.0 10711.0
Ediz Hook, WA (USB): 3236.0
Yokosuka, Japan (USB): 5304.0

Fleet Area and Control Facility (FACSFAC)

=====

FACSFAC Virginia Capes, VA (USB) 2252.0

Strike Group Air Defense Networks

=====

Frequencies (USB): 3265.0

AFN HF Broadcast

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Update to current schedules for the US Navy AFN broadcast on their website and NPR. They indicate that the NPR broadcast schedule isn't correct and made a correction to the schedule for the Guam broadcast. Below is the accurate schedule for AFN shortwave transmissions. Switchover from night to day, etc is based on local time at the transmitter site.

Station	Daytime	Nighttime
Barrigada, Guam	13362.0	5765.0
Diego Garcia	12579.0	4319.0
Keflavik, Iceland	13855.0	13855.0
	7590.0	7590.0
Key West, Florida	12133.5	12133.5
	5446.5	5446.5
Pearl Harbor, Hawaii	10320.0	6350.0
Roosevelt Roads, PR	7507.5	7507.5
Sigonella, Sicily	4993.0	10940.5

A new frequency in the Pacific Rim has been heard intermittently on 4815.0 kHz

The QSL@mediacen.navy.mil email address is still good for reception reports to get the AFN QSL letter for these broadcast.

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NON-UNITED STATES MILITARY SERVICES

+++++

*Argentina

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3175.5 Navy LOR-Puerto Belgrano Baudot 170/75

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*AUSTRALIA/NEW ZEALAND

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Air Force - RAAF/RNZAF

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The following information comes from the Enroute Supplement Australia (ERSA) a publication jointly published by the Royal Australian Air Force and Airservices Australia, February 26, 1998 edition, Nav/Comm 1.

1. The Royal Australian Air Force (RAAF/Royal New Zealand Air Force (RNZAF) Air Operations Communications System (AOCS) is a high frequency radio network providing communications services for the operational control of RAAF/RNZAF aircraft and HF equipped marine craft [army ground stations are also commonly heard]. In addition, visiting military aircraft may use the AOCS when contact with Australia/New Zealand military authorities is required. The AOCS is not part of, and does not provide, an air traffic control service, civil or military.

2. The AOCS network consist of six Air Operations Communications Centres (AOCCs) located at Sydney, Darwin, Townsville, Perth, Auckland [NZ] and woodbourn [NZ]. The combined AOCS provides:

A. A General Purpose Net (GPN) on which all AOCCs guard the same three frequencies. All AOCCs can transmit and receive on these three frequencies simultaneously.

B. Discrete frequencies are available (if required) at each AOCC and allocated after initial contact on the GPN.

C. Telephone patch facilities between aircraft and ground appointments.

D. Continuous monitoring of military distress frequency 5696 kHz.

E. Selective Calling (SELCAL): Available to suitably equipped aircraft.

GPN Frequencies:

Day (2100-0900 UTC) 8974.0 11235.0 13206.0 kHz
 Night (0900-2100 UTC) 3032.0 5687.0 8974.0 kHz
 Military Distress 5696.0 kHz

The RAAF and RNZAF share 8974 with the Spanish Air Force, and 5687 with the Portugese and German military services.

Discrete frequencies

RAAF Darwin: 6685.0 6709.0 6712.0 6727.0 6760.0 8968.0 8971.0
 8989.0 9025.0 11187.0 11199.0 11205.0 11271.0

RAAF Perth: 6757.0 8977.0 9022.0 9025.0 11187.0 11271.0 15085.0
 18003.0 23203.0

RAAF Sydney: 4715.0 5711.0 6730.0 6739.0 8971.0 8980.0 8989.0
 8992.0 9007.0 9019.0 9031.0 11202.0 11208.0 11226.0 11250.0
 13227.0 13245.0 13248.0 15067.0 17985.0

RAAF Townsville: 5714.0 8971.0 8992.0 9007.0 11187.0 11247.0 15034.0

RNZAF Auckland: 6754.0 6760.0 8965.0 9010.0 9025.0 11178.0 11217.0
 11247.0 13212.0 13233.0 13245.0 15044.0 15055.0

AOCS Callsigns

Location	Voice Callsign
ASAOCS/NZAOCS Collective	Air Force ANZAC
ASAOCS Collective	Air Force Australia
NZAOCS Colective	Air Force New Zealand

WUN-v10

AOCC Auckland Air Force Auckland
AOCC Darwin Air Force Darwin
AOCC Perth Air Force Perth
AOCC Sydney Air Force Sydney
AOCC Townsville Air Force Townsville

Australian Navy

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Frequency/Designator Matrix (USB)
2768.0 A1
4375.0 A2
6510.0 A3
8122.0 A4
13116.0 A5
17344.0 A6
22708.0 A7/C5 (Tentative)

Station List:
Canberra Control
Darwin Control
Exmouth Control
Perth Control
Townsville Control

New Zealand Navy

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Frequencies(USB): 3192.0 8316.5

Station List: Auckland

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*Bahamas

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Bahamas Defense Forces
Frequency (USB): 8156.0

Station List
C6WWH C6R2066 C6R2067

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*BELGIUM

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Air Force

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Frequency/Designator Matrix (USB)
3131.0 YA
4745.0 YD
6748.0 YF
8989.0 YG (Primary)
11268.0 YJ
15010.0 YM
18006.0 YO
18021.0 YP
20050.0 YQ
23332.0 YS

Station: Melsbroek (ONY)

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*Brazil

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Air Force

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Frequencies (USB/ALE): 7929.0 8834.0 9010.0 13224.0 13586.0 13972.0
13978.0 16355.0 17982.0

ALE Identifiers:

Antares Brazilian Navy survey ship H-40
 Bandeirantes Unidentified
 Bravo India Sierra Unidentified
 Capataz Unidentified
 Cerrado Unidentified
 Hermes Brasília, Air Force Headquarters
 Índia Victor Rio de Janeiro, Grupo Especial de Inspeção em
 Vôo, Aeroporto Santos-Dumont
 Jupiter Unidentified
 Manaus Manaus Air Base (heard in voice comms on
 13224.0/17982.0)
 Omega Unidentified
 Orungan Bahia (Salvador), Brazilian Air Force 1/7 Squadron
 RDFEN Unidentified
 RDSSGC Unidentified
 SARBR Rescue Coordination Center Brasília
 SARCT Rescue Coordination Center Curitiba
 SARMN Rescue Coordination Center Manaus
 SARPV Rescue Coordination Center Porto Velho (Rondônia)
 SARRF Rescue Coordination Center Recife [Tentative]
 SA5 Unidentified SAR
 Saturino Unidentified Squadron
 Scorpius Boa Vista, 1º/3º Grupo de Aviação "Escorpião"
 Tamoio Brazilian Navy submarine S-31
 Taurus Brazilian Navy coastal survey ship H-36
 Tribo Unidentified
 TRITAO Brazilian Navy patrol tug R-21

Army

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Frequencies (USB/ALE): 10711.0 11530.0 12132.0 13942.0 14582.0
 14600.0 14752.0 16333.0 16345.0 20535.0

ALE Identifiers:

AM1 Amazonas
 BA1 Bahia
 BR1 Brasília, Army Headquarters
 CE1 Ceara
 ES1 Espirito Santo
 MS1 Manaus
 OR1 Orinoco [Tentative]
 PA1 Para
 PE1 Pernambuco
 PR1 Parana
 RJ1 Rio de Janeiro
 RS1 Rio Grande do Sul
 SP1 Sao Paulo

Navy

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Frequencies (USB/ALE): 6785.0 8031.0 8310.0 10194.5 10914.5 11010.0
 11455.0 11486.0 12370.0 12437.0 13101.0 13224.0 14780.0 15932.0
 16355.0 (SAR) 16607.0 16837.5 17010.0 19709.0 20064.0 22168.0

Shore Station List:

BA1SE Base Naval do Bahia, Aracaju (Estado Sergipe)
 BTL1CMC1 Probable Brazilian Marine Forces unit
 DE1MO Unidentified (poss garble for RE1MO)
 ERMBEL Estação Rádio da Marinha em Belém (Fourth Naval District,
 Pará)
 ERMNAT Estação Rádio da Marinha em Natal (Third Naval District,
 Rio Grande do Norte)
 ERM1RGD Estação Rádio da Marinha no Rio Grande (Fifth Naval
 District, Rio Grande do Sul)
 ERM1RIO Estação Rádio da Marinha do Rio de Janeiro (First Naval
 District, Rio de Janeiro)
 ERMSAL Estação Rádio da Marinha em Salvador Salvador Det. (Second

Naval District, Bahia)
 REIMO Base Naval do Recife (Estado Pernambuco)
 T2ADAE Unidentified [Brazilian Navy]

Ship List:

CVFRON Corvetas FRONTIN V-33 (Class INHAÚMA)
 CVINHA Corvetas INHAÚMA V-30 (Class INHAÚMA)
 CVJACE Corvetas JACEGUAI V-31 (Class INHAÚMA)
 CVJULI Corvetas JÚLIO DE NORONHA V-32 (Class INHAÚMA)
 FBOSIS Frigate BOSÍSIO F-48 (Class Greenhalgh)
 FCONST Frigate CONSTITUIÇÃO F-42 (Class NITERÓI)
 FDEFEN Frigate DEFENSORA F-41 (Class NITERÓI)
 FDODSW Frigate DODSWORTH Fragatas F-47 (Class GREENHALGH)
 FGREEN Frigate GREENHALGH F-46 (Class Greenhalgh)
 FLIBER Frigate LIBERAL F-43 (Class NITERÓI)
 FRADEM Frigate RADEMAKER F-49 (Class Greenhalgh)
 FTEROI Frigate NITERÓI Fragatas F-40 (Class NITERÓI)
 FUNIAO Frigate UNIÃO Fragatas F-45 (Class NITERÓI)
 NAESPO SÃO PAULO Navio-Aeródromo São Paulo A-12 (Porta Aviões)
 NDDCEA CEARÁ G-30 Navios de Desembarque-Doca
 NDCCMM MATTOSO MAIA Navio de Desembarque de Carros de
 Combate G-28 (Class MATTOSO MAIA)
 NEBRSL BRASIL (Navio-Escola) U-27
 NTGMTA GASTÃO MOTTA (Navios-Tanque) G-23

Info:

<http://www.mar.mil.br/navios.htm>
http://www.mar.mil.br/Marinha_do_Brasil/menu_navios.htm

Ship Roster:

Vessel-Name	Vessel-Type	(Class)
A-12 SÃO PAULO (COLOSSUS)	Navio-Aeródromo	São Paulo (Porta Aviões)
D-27 PARÁ	Contratorpedeiros	(PARÁ)
D-30 PERNAMBUCO	Contratorpedeiros	(PARÁ)
F-40 NITERÓI	Fragatas	(NITERÓI)
F-41 DEFENSORA	Fragatas	(NITERÓI)
F-42 CONSTITUIÇÃO	Fragatas	(NITERÓI)
F-43 LIBERAL	Fragatas	(NITERÓI)
F-44 INDEPENDÊNCIA	Fragatas	(NITERÓI)
F-45 UNIÃO	Fragatas	(NITERÓI)
F-46 GREENHALGH	Fragatas	(GREENHALGH)
F-47 DODSWORTH	Fragatas	(GREENHALGH)
F-48 BOSÍSIO	Fragatas	(GREENHALGH)
F-49 RADEMAKER	Fragatas	(GREENHALGH)
G-15 PARAGUASSU	Navio-Transporte Fluvial	
G-17 POTENGI	Navio-Tanque Fluvial	
G-21 ARY PARREIRAS	Navios-Transporte de Tropas	
G-23 GASTÃO MOTTA	Navios-Tanque	
G-28 MATTOSO MAIA (MATTOSO MAIA)	Navio de Desembarque de Carros de Combate	
G-30 CEARÁ	Navios de Desembarque-Doca	
G-31 RIO DE JANEIRO	Navios de Desembarque-Doca	
H-11 PARAIBANO	Avisos Hidrográficos	
H-12 RIO BRANCO	Avisos Hidrográficos	
H-13 MESTRE JOÃO DOS SANTOS	Navios-Balizadores	(Mestre João dos Santos)
H-14 NOGUEIRA DAGAMA	Avisos Hidrográficos	
H-15 ITACURUSSÁ	Avisos Hidrográficos	
H-16 CAMACIM	Avisos Hidrográficos	
H-17 CARAVELAS	Avisos Hidrográficos	
H-18 COMANDANTE VARELLA	Navios-Balizadores	(Mestre João dos Santos)
H-20 COMANDANTE MANHÃES	Navios-Balizadores	(Mestre João dos Santos)
H-19 TENENTE CASTELO	Navios-Balizadores	(Mestre João dos Santos)
H-21 SIRIUS	Navios Hidrográficos	
H-24 CASTELHANOS	Navios-Balizadores	(Mestre João dos Santos)
H-25 TENENTE BOANERGES	Navios-Balizadores	(Mestre João dos Santos)

H-26 FAROLEIRO MÁRIO SEIXAS Navios-Balizadores (Mestre João dos Santos)
 H-27 FAROLEIRO AREAS Navios-Balizadores (Mestre João dos Santos)
 H-30 FAROLEIRO NASCIMENTO Navios-Balizadores (Mestre João dos Santos)
 H-31 ARGUS Navios Hidrográficos
 H-34 ALMIRANTE GRAÇA ARANHA Navios-Faroleiro
 H-35 AMORIM DO VALLE Navios-Balizadores (Mestre João dos Santos)
 H-36 TAURUS Navio Hidroceanográfico
 H-37 GARNIER SAMPAIO Navios-Balizadores (Mestre João dos Santos)
 H-40 ANTARES Navios Oceanográficos Classe Antares
 H-41 ALMIRANTE CÂMARA Navios Oceanográficos Classe Antares
 H-44 ARY RONGEL Navio de Apoio Oceanográfico
 K-11 FELINTO PERRY Navio de Socorro Submarino
 M-15 Aratu Navios-Varredores (ARATU)
 M-16 Anhatomirim Navios-Varredores (ARATU)
 M-17 Atalaia Navios-Varredores (ARATU)
 M-18 Araçatuba Navios-Varredores (ARATU)
 M-19 Abrolhos Navios-Varredores (ARATU)
 M-20 Albardão Navios-Varredores (ARATU)
 P-10 PIRATINI Navios-Patrolha (PIRATINI)
 P-11 PIRAJÁ Navios-Patrolha (PIRATINI)
 P-12 PAMPEIRO Navios-Patrolha (PIRATINI)
 P-13 PARATI Navios-Patrolha (PIRATINI)
 P-14 PENEDO Navios-Patrolha (PIRATINI)
 P-15 POTI Navios-Patrolha (PIRATINI)
 P-20 PEDRO TEIXEIRA Navios-Patrolha Fluviais (PEDRO TEIXEIRA)
 P-21 RAPOSO TAVARES Navios-Patrolha Fluviais (PEDRO TEIXEIRA)
 P-30 RORAIMA Navios-Patrolha Fluviais (RORAIMA)
 P-31 RONDÔNIA Navios-Patrolha Fluviais (RORAIMA)
 P-32 AMAPÁ Navios-Patrolha Fluviais (RORAIMA)
 P-40 GRAJAÚ Navios-Patrolha (GRAJAÚ)
 P-41 GUAÍBA Navios-Patrolha (GRAJAÚ)
 P-42 GRAUNA Navios-Patrolha (GRAJAÚ)
 P-43 GOIANA Navios-Patrolha (GRAJAÚ)
 P-44 GUAJARÁ Navios-Patrolha (GRAJAÚ)
 P-45 GUAPORÉ Navios-Patrolha (GRAJAÚ)
 P-46 GURUPÁ Navios-Patrolha (GRAJAÚ)
 P-47 GURUPI Navios-Patrolha (GRAJAÚ)
 P-48 GUANABARA Navios-Patrolha (GRAJAÚ)
 P-49 GUARUJÁ Navios-Patrolha (GRAJAÚ)
 P-50 GUARATUBA Navios-Patrolha (GRAJAÚ)
 P-51 GRAVAÍ Navios-Patrolha (GRAJAÚ)
 P-60 BRACUÍ Navios-Patrolha (BRACUÍ)
 P-62 BOCAINA Navios-Patrolha (BRACUÍ)
 P-61 BENEVENTE Navios-Patrolha (BRACUÍ)
 P-63 BABITONGA Navios-Patrolha (BRACUÍ)
 R-21 TRITÃO Rebocadores de Alto-Mar (TRIUNFO)
 R-22 TRIDENTE Rebocadores de Alto-Mar (TRIUNFO)
 R-23 TRIUNFO Rebocadores de Alto-Mar (TRIUNFO)
 R-24 ALTE GUILHEM Rebocadores de Alto-Mar (GUILHEM)
 R-25 ALTE GUILLOBEL Rebocadores de Alto-Mar (GUILHEM)
 R-26 TRINDADE Rebocador de Alto-Mar (Trindade)
 S-30 TUPI Submarinos (TUPI)
 S-31 TAMOIO Submarinos (TUPI)
 S-32 TIMBIRA Submarinos (TUPI)
 S-33 TAPAJÓ Submarinos (TUPI)
 U-10 ASPIRANTE NASCIMENTO Avisos de Instrução (Aspirante Nascimento)
 U-11 GUARDA-MARINHA JANSEN Avisos de Instrução (Aspirante Nascimento)
 U-12 GUARDA-MARINHA BRITO Avisos de Instrução (Aspirante Nascimento)
 U-17 PARNAIBA Monitor
 U-18 OSWALDO CRUZ Navios de Assistência Hospitalar
 U-19 CARLOS CHAGAS Navios de Assistência Hospitalar
 U-20 NAVIO VELEIRO CISNE BRANCO Navio Veleiro
 U-27 BRASIL Navio-Escola
 U-29 PIRAIM Aviso de Transporte Fluvial
 V-15 IMPERIAL MARINHEIRO Corvetas (IMPERIAL MARINHEIRO)
 V-19 CABOCLÓ Corvetas (IMPERIAL MARINHEIRO)

WUN-v10

V-20 ANGOSTURA Corvetas (IMPERIAL MARINHEIRO)
 V-24 SOLIMÕES Corvetas (IMPERIAL MARINHEIRO)
 V-30 INHAÚMA Corvetas (INHAÚMA)
 V-31 JACEGUAI Corvetas (INHAÚMA)
 V-32 JÚLIO DE NORONHA Corvetas (INHAÚMA)
 V-33 FRONTIN Corvetas (INHAÚMA)

Frequencies (USB/ALE): 9117.0 13224.0 13972.0

Station List:

BR1 Brasilia (VII Naval District)[tentative]
 CE1 Ceara (Naval Port)or Fortaleza [tentative]
 MS1 Manaus (Commando Naval do Amazona Occidental)[tentative]
 PE1 Sao Pedro de Aldeia (Naval Air Base)[tentative]

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 *Canada
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Canadian Forces (CanForce)

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 Military Aeronautical Communications System (MACS)
 =====

Frequency/Designator Matrix (USB)

3047.0 MACS Net: Edmonton, Halifax, Trenton
 3092.0 MACS Net: Edmonton, St. John's, Trenton
 4379.0 CanForce Discrete: Halifax
 4560.0 Maritime Command Net: Halifax, St John's (A6A)
 4703.0 MACS Net: Edmonton, St. John's, Trenton
 4739.0 AAR Net: Halifax, St John's
 5198.5 Maritime Command Net: Halifax (A2B)
 5684.0 St John's, Vancouver
 5699.0 CanForce Discrete (Pipeline/Gonzo aircraft)
 5702.0 Vancouver
 5714.0 MACS Net: Edmonton, St. John's, Trenton
 5717.0 SAR Net: Halifax, St. John's. Trenton, Vancouver-Pri
 5850.0 Halifax Maritime Air Group (D1B)
 6694.0 Halifax, Vancouver (D6G)
 6706.0 MACS Net: Edmonton, St. John's, Trenton
 6712.0 CanForce Discrete (Pipeline/Gonzo aircraft)
 6715.0 SAR Net: Halifax, Trenton, Vancouver (D3H)
 6745.0 MACS Net: Edmonton, Trenton
 6751.0 Halifax, Vancouver, SIDECAR (NORAD)
 6754.0 MACS VOLMET: Edmonton, St. John's, Trenton
 8050.0 CanForce Discrete: Trenton (poss CanForce ALE activity here)
 8989.0 MACS Net: Edmonton, Trenton (Initial contact freq when
 aircraft is west of 90 deg west)(D1H)
 8992.0 CanForce Discrete: Trenton
 9007.0 MACS Net: Edmonton, St. John's, Trenton (Initial contact
 freq when aircraft is east of 90 deg west)
 9010.0 CanForce Discrete: Vancouver
 9023.0 NORAD: Trenton (C5)
 9031.0 CanForce Discrete (Pipeline/Gonzo aircraft)
 10194.0 CanForce Discrete: Trenton (US/Canadian Ground/AWACS
 Discrete)
 11007.5 CanForce Discrete: Trenton (US/Canadian Ground/AWACS
 Discrete)
 11190.0 CanForce Discrete (Pipeline/Gonzo aircraft)
 11205.0 CanForce Discrete: Halifax working VDD, Trenton
 11214.0 NORAD: Trenton (NORAD/MACS discrete- C6)
 11232.0 MACS Net: Alert, Edmonton, Halifax, St, John's,
 Trenton, Yellowknife(Initial contact freq when aircraft is east of
 90 deg west)
 11265.0 MACS Net: Edmonton, Trenton
 11271.0 MACS Net: Edmonton, Trenton (Initial contact freq when
 aircraft is west of 90 deg west)
 13206.0 CanForce Discrete: Trenton
 13257.0 Foxtrot MACS Net: Edmonton, St. John's, Trenton
 14364.0 CanForce Discrete: Trenton (US/Canadian Ground/AWACS

Discrete)

15031.0 MACS Net: Edmonton, St. John's, Trenton
 15034.0 MACS VOLMET: Edmonton, St. John's, Trenton
 17994.0 MACS Net: Edmonton, St. John's, Trenton
 18000.0 CanForce discrete: Halifax
 18012.0 MACS Net: Edmonton, St. John's, Trenton
 18027.0 NORAD: Halifax, Edmonton (C8)
 23250.0 MACS Net: Trenton
 23271.0 CanForce Discrete: Trenton (US/Canadian Ground/AWACS
 Discrete)

Note: Frequency designators indicated above have not been reported in quite some time. More than likely CANFORCE has dropped the use of frequency designators. Other observations are welcomed.

Digital Communications

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CFH RTTY: 4271.0

Stations List:

CFH Halifax Military, NS (supports SAR coordination requirements for Halifax Rescue Coordination Center-RCC)
 CHR Trenton Military, ON
 CJU Vancouver Military, BC (supports SAR coordination requirements for the Victoria Rescue Coordination Center-RCC)
 CJX St. John's Military, NF
 CKN Vancouver Military, BC
 VXA Edmonton Military, AB

Canadian Military Communications

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Canadian Military ALE Network
 Frequencies (USB/ALE): 6925.0 6980.0 7600.0 8050.0 10000.0 11402.0
 11605.0 12185.0

Station List:

VDE Unidentified
 VDD Debert, NS
 VEX Penhold, AB

Canadian Forces/NORAD Charlie Designators

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Frequency/Designator Matrix (USB)

Note: other than those listed above

4721.0	C1	
6735.0	C2	
6750.0	C3	
8967.0 or 8968.0		C4
13206.0 or 13207.0	C7	

Canadian Forces Affiliate Radio System (CFARS)

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CFARS is the Canadian Forces Affiliate Radio System which is equivalent to the United States Military Affiliate Radio System (MARS) program. CFARS stations are located at various United Nations peace-keeping operations around the world and operate amateur radio equipment that provides phonepatches for service personnel to their families. They are also to be found on Navy and Coast Guard ships.

Frequency/Designator Matrix (USB)

6978.5 Alpha
 14386.0 Bravo
 14460.0 Charlie
 14463.0 Delta
 14446.5 Echo
 20971.5 Foxtrot
 20963.5 Golf
 29715.0 Hotel

14454.0 Juliet
14449.5 Kilo
20977.5 Lima
13954.0 Mike
6982.5 Whiskey
6962.5 X-ray
4052.5 Yankee
4023.5 Zulu

Thanks to the Northern Alberta Radio Club (<http://narc.net>) for the above information.

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*Chile
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Navy
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Frequencies (LSB/ALE): 9818.0 12103.0

ALE Addresses: FLC TAC

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*Czech Republic
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Military Net Frequencies(CW): 2362.0

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*Denmark
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Air Force
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Frequency/Designator Matrix (USB/ALE)

2250.0 OWC/OWD/OWE/OWF/OWI/OWK/OWP/OWU/OYG (U12/ALE)
2296.0 OWB (L96-Alternate Night)
2531.0 OWF/OWI/OWK/OWP (ALE)
3023.0 OWB (Alternate)
3053.0 OWB (L18-Primary Day)
3291.0 OWD/OWE
4577.0 OWB (F18-Alternate Day)
4703.0 OWB/OWD/OWE (V26-Alternate)
4756.5 OWD/OWE
4840.0 OWC/OWD/OWE/OWF/OWI/OWK/OWP/OWU (ALE)
5120.0 OUY/OWC/OWD/OWE/OWF/OWI/OWK/OWP/OWU (ALE)
6630.0 OWD/OWE
6651.0 OWB (K19-Primary Day)
6730.0 OWD/OWE (P75)
6770.0 OWB (Alternate)
6834.0 OWB (Alternate)
9034.0 OWD/OWE (R27)
9933.0 OWE/OWF (ALE)
11076.0 OWI/OWJ (ALE)
11217.0 OWD/OWE
11244.0 OWD/OWE (A10)
11468.0 OWE/OWG (ALE)
12186.0 OWE/OWG/OWP (ALE)
13435.0 OWD/OWE/OWG/OWP (ALE)
13455.0 OWI (ALE)
15043.0 OWD/OWE (A11)
15820.0 OWC/OWE/OWF/OWG/OWI/OWK/OWP (ALE)
16280.0 OWD/OWG (ALE)
16327.0 OWF/OWG/OWU (ALE)

Station List:

OYU Unknown
OWB RCC Karup, voice call: Karup Rescue
OWC Unknown

WUN-v10

OWD FSN Vaerlose, voice call: Saloon
OWE FTK Karup, Voice call Primrose
OWF AF Skrydstrup
OWG AF Vandel
OWI AF Air Base Aalborg
OWJ AF Tirstrup (tentative ID)
OWK AF Headquarters Vedbaek
OWP Unknown
OWU Unknown
OYG Mestersvyg, Greenland

The SAR services at Karup also use the worldwide allocations of 2182 and 5680. Another frequency in this system may be 13540. Frequency designators from the Dansk Scanner Information website (<http://www.dkscan.dk>). Station identifiers courtesy of Ary Boender.

Navy

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Frequencies (CW): 4637.0
Frequencies (CW/RTTY): 18281.0 (OVK)

Station List:

OUA Stevns, Denmark
OVC Groennedal, Greenland
OVG Unknown
OVK Aarhus (Navy)

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*Ecuador

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Navy

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Noted during June 03 UNITAS-03 exercise
Frequency (USB/ALE): 7900.0

Station List:

COOPNA Naval Operations Command (Comando Operaciones Navale)
CFF Commander Frigate Force (Comando Fuerza Frigata)
CORMAN Corbeta Manabi (CM 12)
CORGAL Corbeta Los Galapagos (CM 15)
CORORO Corbeta El Oro (CM-14)
CORESM Corbeta Esmeraldas (CM 11)
LAMCUE Launcha Missileria Cuenca (LM 24)
HALCON Type B 119 class PG "Halcon"

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*France

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Air Force

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French Air Force Circus HF radio network

Frequency/Designator Matrix (USB)

6869.0 Veilleur-Taverny working AWACS aircraft USB/Secure voice
6712.0 Marjolaine 2
8972.0 Racontar 1
8992.0 Vinaigrette 3
13236.0 Reconfort 3 (Raphael?)
14587.0 Unknown
18012.0 Citadelle 1
23254.0 Veritee 3
? Citadelle 3
143.800 MHz (AM mode) Canasta

Station List:

Circus Blanc Bangui, Central Africa Republic

Circus Bleu Le Reunion, Reunion Island
 Circus Bonne Bordeaux, France
 Circus Citron Cayenne, French Guyana
 Circus Corail Corfu/Taveaux, Greece
 Circus Diamant Dole/Taveaux, France
 Circus Dore Djibouti
 Circus Ebene Evreux, France
 Circus Fraise Fort de France, Martinique
 Circus Lilas Libreville, Gabon
 Circus Noir Noumea, New Caledonia
 Circus Ocre Orleans, France
 Circus Orange Dakar, Senegal
 Circus Tango Toulouse/Franczal
 Circus Tilleul N'djamena, Chad
 Circus Vert CFAP Headquarters, Villacoublay, France
 Circus Villa Villacoublay, France

French Air Force Strategic Missions
 Frequency (USB): 6688.0 8976.0

Station List:

Capitol COFAS Headquarters Taverny

Digital Net

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3157.9 FDI8-Nice, France Baudot 400/50R
 4042.0 FDG-Bordeaux, France Baudot ?/50
 4212.5 FDI8-Nice, France CW
 4449.9 FDI8-Nice, France CW
 4596.0 FDC-Metz, France CW
 5214.5 FDG-Bordeaux, France ?/50 baud
 5367.0 FDI8-Nice, France Baudot 85/50
 5446.5 FDC-Metz, France Baudot ?/50
 7850.0 FDI8-Nice, France CW
 7859.0 FDY-Orleans, France Baudot ?/50 baud
 10671.0 FDG-Bordeaux, France CW
 10912.0 FDI8-Nice, France CW
 10996.0 FDI22-Narbone CW

Navy

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Warship Frequencies

2214.0 FUC on 2780.0
 2259.0 FUE on 2789.0
 4165.6 FUE on 4295.0
 6259.0 FUE on 6348.0
 8310.6 FUV on 8568.0
 8314.6 FUF on 8478.5
 8330.6 FUG on 8453.0 (75 or 150 baud)
 8334.6 FUX on 8475.5
 12369.0 6WW on 12857.0
 12374.6 FUX on 12691.0
 12398.6 FUV on 13042.5 (may use 75 or 150 baud)
 12402.5 FUF on 13031.2
 12410.6 FUG on 12666.5 (150 baud)
 16559.6 FUF on 16961.5
 16595.6 FUV on 16904.9
 16598.0 6WW on 16951.5
 16607.6 FUG on 17180.0 (75 or 150 baud)

Miscellaneous Frequencies

2436.0 French Navy-Mediterranean USB
 3107.0 French Navy-Atlantic (callsign Armor) USB
 3896.0 French Navy-Mediterranean USB
 5708.0 French Navy-Atlantic (callsign Armor) USB
 6760.0 Tactical calls (callsign whiskey Alpha) tentative (USB)

RTTY Net

2608.0 FUO RTTY 850/75
 4232.0 FUF RTTY 850/75
 6348.0 HWN ITA2/150/UOS encrypted
 FUE ITA150
 8300.0 6WW RTTY 850/75
 8453.9 FUG RTTY 850/75
 8475.5 FUX RTTY 850/75
 8479.0 FUF RTTY 850/75
 10282.0 FUO RTTY 850/75 and 170/75
 10310.6 TLFUO-Toulon c/g 1TLFUF-Fort de France USB/MIL-STD 188-141A
 10918.6 6WW RTTY 425/50
 12666.5 FUG RTTY 860/75
 12690.7 RFVIE-Le Port Baudot 850/75
 12857.0 6WW Baudot 850/75
 13032.0 FUF RTTY 850/75
 13042.0 FUV RTTY 850/150
 13444.2 RFQP-Djibouti ARQ-E3 400/100
 13944.0 RFQP-Djibouti ARQ-E3 400/100
 13986.7 RFFA-MOD Paris ARQ-E3 192bd
 14585.7 RFPTC-N'Djamena Arq-E3 400/200
 16905.0 FUV Baudot 850/75
 16915.0 RFVIE-Le Port, Reunion Baudot 850/75
 16951.6 6WW RTTY 850/75
 16961.5 FUF Baudot 850/75
 19216.7 RFLI-Fort de France, Martinique ARQ-E3 380/192 and ARQ-E3
 96 bd
 19951.5 6WW Baudot 850/75
 20555.0 RFFX-MOD Paris ARQ-E3 184.6bd

Station List:

6WW Dakar, Senegal
 FUC Location Unknown
 FUE Brest, France
 FUF Fort de France, Martinique
 FUG La Regine, France
 FUO Toulon, France
 FUV Djibouti, Djibouti
 FUX Le Port, Reunion Island

=====
 *Germany
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Air Force

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 Update courtesy of Andreas Heymann.

Air-to-Ground Network

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 Frequency/Designator Matrix (USB)
 3107.0 Alpha
 3143.0 Bravo
 3903.0 Charlie
 4721.0 Delta
 5687.0 Echo (Primary net frequency)
 5717.0 Foxtrot
 6700.0 Golf
 6715.0 Hotel
 6730.0 India
 6751.0 Juliet
 8965.0 Kilo
 9025.0 Lima
 11217.0 Mike
 11265.0 November
 13203.0 Oscar
 13233.0 Papa
 15073.0 Quebec
 17973.0 Romeo

WUN-v10

17991.0 Sierra
 18012.0 Tango
 23201.0 Uniform
 23215.0 Victor (may be 23231, comments please)
 23255.0 Whisky
 23318.0 X-ray
 23341.0 Yankee
 23345.0 Zulu
 29724.0 Alpha-Bravo

Note: These frequencies are used by DHM91 Munster German Air Force Transport Command headquarters in northern Germany. The primary frequency in this network appears to be Echo on 5687. Stations have been heard discussing frequencies AA, AC, AF and AJ which carry encrypted RTTY transmissions.

Digital System

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DASA/EADS-MAHRS 2400 bd burst PSK/STANAG 4285: 6949.0 6958.5 7543.0
 7630.0 7729.0 7810.0 7814.0 7823.0 7995.0 8070.0 8139.0 9051.0
 10926.5 11136.5 12273.0 13502.0 14613.5

**Navy

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Frequency/Designator Matrix

2265.9	RTTY-DHJ58	
2625.0	USB-DHJ59	MRL 59/02
3056.0	USB/RTTY-DHJ78/DHJ59	MATELO ARCN
3116.0	USB-DHJ59	MATELO ARCN
3122.0	USB/RTTY-DHJ58/DHM42 (Glücksburg Rescue)	
3590.0	RTTY-DHJ58	
3653.0	RTTY-DHJ58	
3718.6	RTTY-DHJ58	
4047.9	RTTY-DHJ58	
4154.3	USB/3 channel VFT-DHJ59	MRL 59/04
4356.6	USB/RTTY-DHJ58	
4424.4	RTTY-DHJ58	
6727.0	USB/RTTY-DHJ59	MATELO ARCN
6730.0	USB/RTTY-DHJ59	MATELO ARCN 405
6779.0	USB-DHJ59	MRL 59/06
8335.3	USB/3 channel VFT-DHJ59	MRL 59/08
10192.5	USB/RTTY-DHJ59	MRL 59/10
10206.2	USB/Stanag 4285 2400bd PSK-DHJ58	MRL 58/10
10711.0	USB/RTTY	
10722.0	USB/RTTY-DHJ59	MRL 59/11
11090.0	USB/RTTY	F-63
11235.0	USB-DHJ78	
11256.0	USB/RTTY-DHJ59	MATELO ARCN
12178.0	USB/RTTY-DHJ59	MRL 59/12
12415.3	USB/3 channel VFT-DHJ59	MRL 59/13
14722.0	RTTY PSK 600 baud	
15929.0	USB/RTTY-DHJ59	MRL 59/15
16129.0	USB/RTTY-DHJ58	MRL 58/16
17544.0	USB-DHJ59	MRL 59/17
17994.0	USB/RTTY-DHJ59	MATELO ARCN
22238.5	USB-DHJ59	MRL 59/23
23744.0	USB-DHJ59	MRL 59/25

Station List:

Callsign	Unit	Place
DHJ23	NORTHAG	Mönchengladbach
DHJ36	NORTHAG	Mönchengladbach
DHJ37	CENTAG	Heidelberg
DHJ38	Fm/EloAufklRgt 220	Donauwörth
DHJ39	Heeresamt	Köln
DHJ40	HFlgBrig 3	Mendig
DHJ41	LTG 61 FÜGrp 1	Landsberg

DHJ42	LTG 61 FÜGrp 2	Landsberg
DHJ43	JaBOG 32	Lechfeld
DHJ44	III. Korps	Koblenz
DHJ46	I. CATAc et FAFA	Lahr
DHJ47	2. ATAF	Mönchengladbach
DHJ48	4. ATAF	Ramstein
DHJ49	BMVg	Bonn / Berlin
DHJ50	I. Korps	Münster
DHJ51	Afwg	St. Adelgund - Hochheid
DHJ53	MStpKdo	Warnemünde
DHJ54	MarA Landtestanlage	Bremen-Vegesack
DHJ55	HQ 7th (US) Army	Heidelberg
DHJ56	FüUstBrig 900	Rheinbach
DHJ57	Range Naval Radio	Schönhagen
DHJ58	MFmZ - MFmGrp 11	Glücksburg
DHJ59	MFmZ - MFmGrp 21	wilhelmshaven - Sengwarden
DHJ60	KdoTrpVersM Abt. FÜMi	Eckernförde
DHJ61	MFms	Flensburg
DHJ62	Naval Port Radio	Neustadt i.H.
DHJ63	Range Naval Radio	Todendorf
DHJ64	DTA MND (C)	Mönchengladbach
DHJ65	UKdo 8	Zweibrücken
DHJ66	Submarine Naval Radio	Eckernförde
DHJ67	HöHKdoBeh LW GefSt	Köln
DHJ68	HQ CINCUSAFE	Wiesbaden
DHJ69	JaBOG 31	Nörvenich
DHJ70	MUKdo	wilhelmshaven
DHJ72	4. ATAF	Kindsbach
DHJ73	II. GE/US Korps	Ulm
DHJ74	Kdo 2. LwDiv	Birkenfeld
DHJ75	WBK III / 7. PzDiv	Düsseldorf
DHJ76	MFG 5 Airbase	Kiel-Holtenau
DHJ77	HfFlgRgt 35	Mendig
DHJ78	MFG 3 Airbase	Nordholz
DHJ80	WBK IV / 5. PzDiv	Mainz
DHJ81	PzLehrBrig 9	Munster
DHJ82	Naval Port Radio	Parow
DHJ83	HöHKdoBeh LW GefSt	Köln
DHJ84	Naval Radio	Wangerooe
DHJ85	PiBrig 20	Minden
DHJ86	Deutscher Wetterdienst - MilZentr.	Offenbach
DHJ87	TerKdo Nord	Mönchengladbach
DHJ88	Afwg	Limsdorf
DHJ89	PzBrig 23	Augustdorf
DHJ90	LwUstGrpKdo Nord	Münster
DHJ91	British Army Of The Rhine (BAOR)	Mönchengladbach
DHJ92	CCFFA	Baden - Oos
DHJ93	CENTAG	Pirmasens
DHJ94	4. RCAF Fighter wing	Söllingen
DHJ95	WBK VI / 1. GebDiv	München
DHJ96	3. RCAF Fighter wing	Zweibrücken
DHJ97	Sammelruf --> ALLE Funkstellen des aktuellen Kreises	
DHJ98	JaBOG 33	Büchel
DHJ99	KdoTrpVersM - Testsendungen	
DHM21	Naval Radio	Staberhuk
DHM22	MOS	Bremerhaven
DHM23	HfFlgRgt 26	Roth
DHM24	FüUstBrig 4	Berlin
DHM25	LTrspKdo - FüUstGrp	Münster
DHM27	PzGrenBrig 41	Eggesin
DHM30	SOC	Brokzetal
DHM31	Naval Radio	List / Sylt
DHM33	MARSbetrb	Kiel
DHM35	Jachmannbrücke Radio (MARSbetrb)	wilhelmshaven
DHM36	KdoMFüSys	wilhelmshaven
DHM37	SOC	Uedem - Kalkar
DHM39	PzGrenBrig 38	weißenfels
DHM41	MWAs	Kappeln Ellenberg

DHM42	Naval Radio	Glücksburg	
DHM43	IV. Korps		
DHM44	GeophysBltSt Süd	Fürstenfeldbruck	
DHM45	MFmStab 70	Flensburg	
DHM46	WBK V / 10. PzDiv	Sigmaringen	
DHM47	2. ATAF Air Base	Weeze - Laarbruch	
DHM49	LogBrig 4	Unna	
DHM50	LogBrig 2	Germersheim	
DHM52	SanBrig 4	Fritzlar	
DHM53	HFlgRgt 36	Fritzlar	
DHM54	LwKdo Süd	Meßstetten	
DHM55	WBK II / 1. PzDiv	Hannover	
DHM56	WBK VII / 13. PzGrenDiv		
DHM57	HFlgRgt 15	Rheine	
DHM58	1. CanAirDiv	Lahr	
DHM60	KLK / 4. Div	Regensburg	
DHM61	PzGrenBrig 1 / VBK 22	Hildesheim	
DHM62	CINCENT	Erbeskopf	
DHM64	Naval Radio	Darßer Ort	
DHM65	MFuSst	Dollerup	
DHM66	MFuSst	Friedrichsort	
DHM67	MFuSst	Hürup	
DHM68		Frankenberg	
DHM70	MFuSst	Schortens	
DHM71	PzBrig 18	Oldenburg	
DHM72	GeophysBltSt Nord	Niederseik	
DHM74	LLBrig 31	Oldenburg	
DHM75	MFuEST	Lütjenholm	
DHM76	MFuEST	Wittmund-Harlesiel	
DHM79	Sammelanruf I. D/NL Korps		
DHM82	Forschungsanstalt der Bw für wasserschall u. Geophys		Kiel
DHM85	MFuSst	Marlow	
DHM88	FmABw bzw. AFmISBw	Rheinbach	
DHM89	2. ATAF Air Base	Brüggen - Bracht	
DHM90	Comms Group	Lahr	
DHM91	LTrspkdo - Leitfunkstelle	Münster	
DHM92	Sammelanruf II. Korps		
DHM95	1. Wing RCAF	Lahr	
DHM97	NL Army	Dillingen	
DHN21	2. ATAF	Rheindahlen	
DHN22	2. ATAF	Rheindahlen	
DHN23	WBK VIII / 14. PzGrenDiv		
DHN24	PiBrig 40 / VBK 41	Lahnstein	
DHN31	Jagdgeschwader 71	Wittmundhafen	
DHN41	GebJgBrig 23 Bad	Reichenhall	
DHN43	PzGrenBrig 37	Frankenberg	
DHN44	Jagdgeschwader 74	Neuburg	
DHN45	PzGrenBrig 32	Schwanewede	
DHN46	SanBrig 2	Ulm	
DHN49	Krvtlst bei MUKdo	wilhelmshaven	
DHN51	HFlgRgt 30	Niederstetten	
DHN53	Naval Port Radio	wilhelmshaven	
DHN54	Fm / EloAufklRgt 320	Frankenberg	
DHN55	UKdo 9	Philippsburg	
DHN60	LwFüKdo	Köln-wahn	
DHN61	DTA LANDCENT	Heidelberg	
DHN62	DTA ARRC	Mönchengladbach	
DHN63	PzGrenBrig 19 / VBK 33	Ahlen	
DHN64	PzBrig 12	Amberg	
DHN65	FmBtl 950 "Radio Andernach"	Andernach	
DHN66	NATO AEW Force Command	Geilenkirchen	
DHN67	FmRgt 920	Kastellaun	
DHN68	St / FmRgt 310	Koblenz	
DHN69	HFlgRgt 16	Celle	
DHN70	FmRgt 990 LANDCENT	Essen	
DHN71	HFlgRgt 25	Laupheim	
DHN72	HFlgRgt 6	Hohenlockstedt	
DHN79	Erprobungsstelle der Bundeswehr 61	Manching	

WUN-v10

DHN81 PzGrenBrig 30 Ellwangen
 DHN82 Marineunterwasserortungsstelle Fehmarn Marienleuchte
 DHN83 HFlgRgt 10 Fassberg
 DHN84 PzBrig 14 Neustadt
 DHN85 PzGrenBrig 5 Homberg - Efze
 DHN90 PzGrenBrig 40 / VBK 86 Schwerin
 DHN92 LwKdo Nord Kalkar
 DHN95 PzBrig 39 / VBK 71 Erfurt
 DHN99 Fm / EloAufklRgt 940 Daun
 DHO21 LLBrig 26 Saarlouis
 DHO22 Aufklärungsgeschwader 51 Jagel - Kropp (Schleswig)
 DHO23 LTrspGeschw 51 Landsberg
 DHO24 LTrspGeschw 63 FüGrp Hohn (Rendsburg)
 DHO27 JaBoG 49 Fürstenfeldbruck
 DHO28 JaBoG 35 Pferdsfeld
 DHO31 JaBoG 34 Memmingen
 DHO32 LTrspGeschw 62 Wunstorf
 DHO35 MFG 2 Funkstelle Eggebeck (Tarp)
 DHO36 Flugbereitschaft der Lw beim BMVg Bonn / Berlin
 DHO37 LTrspGeschw 62 FüGrp 1 Wunstorf
 DHO38 MFuSst Saterland-Ramsloh
 DHO39 LTrspGeschw 62 FüGrp 2 Wunstorf
 DHO41 NL Air Staff HQ Hesepe
 DHO42 Fm / EloAufklBrig 94 Daun
 DHO43 Kdo 4. LwDiv Aurich
 DHO45 PiBrig 10 Schleswig
 DHO46 Naval Radio Olpenitz
 DHO47 SanBrig 1 Leer
 DHO48 LogBrig 1 Lingen / Ems
 DHO49 PiBrig 30 Hilden
 DHO54 Fernmeldebereich 70 Trier
 DHO59 PzBrig 36 / VBK 64 Veitshöchheim
 DHO60 LTrspGeschw 63 Hohn (Rendsburg)
 DHO61 Pionierschule FSH BauT Percha
 DHO63 4. NLDiv Bergen-Hohne
 DHO64 PiBrig 50 Bogen
 DHO65 LLBrig 25 Calw
 DHO66 Naval Air Operations Center Glücksburg
 DHO67 PiLehrBrig 60 Ingolstadt
 DHO69 Naval Radio Eckernförde
 DHO70 PzBrig 34 Diez
 DHO71 Naval Radio Arkona
 DHO73 Naval Radio Marienleuchte
 DHO74 1. NL Korps Seedorf (Zeven)
 DHO75 Sammelrufzeichen Lufttransportkommando (Collective callsign
 for all the three Air Transport wings)
 DHO76 DTA LANDJUT Rendsburg
 DHO77 JaBoG 36 Rheine - Hopsten
 DHO78 Kdo 3. LwDiv / GAFSC "N" Gatow
 DHO79 Naval Radio Helgoland
 DHO80 Naval Port Radio Olpenitz
 DHO81 Naval Radio Borkum
 DHO82 PzBrig 42 / VBK 84 Potsdam
 DHO83 WBK I / 6. PzGrenDiv Kiel
 DHO85 UKdo 4 Diez
 DHO91 Kdo 1. LwDiv / GAFSC "S" Karlsruhe
 DHO92 FüUstBrig 2 Ulm
 DHO95 Naval Radio Sahlenburg
 DHO99 I. BEL Corps Köln-Weiden

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 *Israel
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Air Force
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Frequencies (USB/ALE):

5418.0 6840.0 7630.0 7780.0 8100.0 8220.0 8858.0 9227.0 10190.0
 10304.0 10614.0 11491.0 12143.0

Navy (4XZ)

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Frequencies (CW):

2800.0 4241.0 4331.0 5159.0 8101.0 12984.0

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*Italy

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Air Force

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Frequencies (USB):

IGN-Rome? 10280.0 tactical paired with 6788.0 (Kosovo Relief Ops)

IEY55/IEY56 11272.0

Navy

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Frequencies (USB):

IBO Unknown 4530.0

ICM Sigonella 6693.0 6703.0 6752.0 6755.0 8982.0

ICS La Spezia 4438.5 6873.5

ICT Taranto 4474.0

IDR Rome 2270.2 2285.5 3131.0 3146.0 4721.0 5330.0 6205.5 6433.0

6688.0 6708.0 6733.0 6760.0 6880.0 8715.2 8977.0 8981.0 10498.2

10605.7 11250.0 12238.5 12382.0 12471.7 13216.0 13254.0 13455.2

IGJ Augusta 2274.5 3827.0 4168.5 4745.0 8302.5

IGN Unknown 6788.0

IGY Unknown 2272.5 6733.0

INY NATO Unknown 10315.0

CARB Broadcast IGJ/IDR (RTTY): 2463.1 4214.2 8150.8 8429.5

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*Lithuania

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Military (USB/ALE): 2710.0

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*Mexico

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Courtesy of Ron Perron and frequency/address updates by Hugh Stegman

Army

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Frequencies (USB/ALE): 4650.0 5252.0 5263.0 6955.0 7777.0 8047.0

8050.0 8084.0 9025.0 9060.0 10135.0 10444.0

Station List:

Monitoring indicates that there are at least five categories/ groupings of ALE identifiers used on Mexican Army nets.

Animals 5252.0 5263.0 7777.0 8050.0 10135.0 10444.0

ALE Addresses: Chacal Jaguar Leon (Lion) Lobito (small wolf?) Pantera (Panther) Puma Tigre

Countries 9060.0

ALE Addresses: Espana Espartaco Israel

Minerals/Jewels 4650.0 7777.0 8047.0 8084.0 9060.0 10135.0 10444.0

ALE Addresses: Acero (chrome steel) Aluminio (aluminum) Cobre (copper)

Diamante (diamond) J5 Jade Zeta(?)

Miscellaneous 8050.0 10135.0

ALE Addresses: 123 Ganzo (?--possible garble)

Planets 6955.0 9025.0 10135.0

ALE Addresses: Marte (Mars) Tierra (Earth) Universo (Universe) Urano

(Uranus) Venus

Regional Net 4650.0 7777.0 9060.0
 ALE Addresses: RM5 RM7 RM9 RM10 RM13 RM16 RM17

 =====
 *NATO

 =====
 DHN66 NATO Geilenkirchen

Frequency/Designator Matrix (USB)

3089.0 Channel A01
 3900.0 Channel A02
 6691.0 Channel A03 (Secondary)
 8980.0 Channel A04
 10172.0 Channel A05
 10315.0 Channel A06 (Primary)
 10429.0 Channel A07
 11229.0 Channel A08
 ? Channel A09
 ? Channel A10
 18009.0 Channel A11

The following frequencies have also been heard with NATO AWACS traffic,
 but designators are not known: 4542.0 4758.0 6700.0 6760.0 6762.5
 8971.0 8986.0 12165.0 23241.0

 =====
 *Netherlands

 =====
 Air Force

 =====
 Frequencies (USB): 3990.0 4450.0 5086.0 5406.5 8086.0

Station List:

Bandbox Nieuw Milligan (CRC Radar Control)

Army

 =====
 Frequencies (USB): 2274.0 2954.0 3305.5 3813.5 4762.0 4766.0 5032.5
 5052.5 5115.0 5133.5 5144.5 5323.5 5388.5 5768.5

 Frequencies (RTTY): 2275.5 2955.5 3306.5 3815.0 4763.5 4777.5
 5034.0 5054.0 5116.5 5135.0 5146.0 5325.0 5390.0 5770.0

SFOR deployment

Frequencies (USB): 2552.5 4522.5

Coast Guard

 =====
 Netherlands Coastguard (also in Den Helder) with Coast Guard ships and
 planes

Frequency (USB): 6550.0

Station List:

PBDO Vessel "Zeearend"
 Coastguard 01 Dornier DO 228 Coastguard Plane
 Coastguard 02 Westland Lynx Navy helicopter
 Coastguard 03 Orion P-3C Navy Airplane
 Coastguard 04 Police Helicopter
 Coastguard 05 Police Plane
 Den Helder Rescue RCC
 Pedro 2/4/6 Westland Lynx Navy helicopter
 Pluto 1/3/5 Orion P-3C Navy patrouille vliegtuig

Navy

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Warship frequencies (to stations PBB/PBC)

Frequency/Designator Matrix (USB)

2121.4 Channel 02A
 2259.4 Channel 02B
 4155.0 Channel 04A
 4161.0 Channel 04B
 4171.5 Channel 04C
 6237.5 Channel 06A
 6242.0 Channel 06B
 8321.0 Channel 08A
 8324.0 Channel 08B
 8337.5 Channel 08C
 12375.5 Channel 12B
 16576.0 Channel 17B

PBV NAS Valkenburg
 Frequencies: 3128.0 5705.0 8971.0 11178.0

Navy Den Helder "De Kooy"
 Ship-to-Shore: 2204.0
 Air-to-Ground (Helicopter): 2753.0
 PBB CARBs broadcast: 3764.4
 PBB RTTY Marker: 2845.0
 PBC RTTY Marker: 2474.0

Caribbean Operations Frequencies:

8199.6 PJC
 11178.0 PJK

CARB Broadcast

PBB: 6483
 PBC: 6358.5 8439 12840.7

Station List:

PBB Navy Den Helder
 PBC Goeree Island
 PBV NAS Valkenburg
 PJC NRN Hato Curacao (Counter-Narco Ops)
 PJK Suffisant Curacao (ASW Operations)

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 *Papua New Guinea
 =====

Defense Force

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 General Purpose Net Frequencies (GPN)

Frequency/Designator Matrix (USB)

3175.0 LGF Secondary
 5746.0 LGG Primary
 7496.0 LGH Secondary

Station List:

P2A2 Port Moresby
 P2A3 Lae

Defense Force Patrol Boats:

Frequencies (USB): 5267.0 7587.0 7767.0 8146.0 9240.0

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 *Portugal
 =====

Air Force

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 Frequencies (USB): 5687.0 6685.0 8992.0 9007.0

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*Russia
=====

High Command ELF
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ELF: The Russian equivalent to our now extinct 76/44 Hz ELF submarine communication system operates on 82 Hz. No station location or details are known.

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*South Africa
=====

Navy ZRH-Silvermine (FAX 120/576): 4014.0
Navy ZSJ-Silvermine (MFSK32 54.5 baud): 4014.0 4032.7

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*Spain
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Air Force
=====

Frequency/Designator Matrix (USB)

5699.0 Channel 1A
6724.0 Channel 1
8974.0 Channel 3
9022.0 Channel 3A
11211.0 Channel 2
11235.0 Channel 2A
13215.0 Channel 5
13245.0 Channel 5A
15016.0 Channel 4
15022.0 Channel 4A
18003.0 Channel 6A
18018.0 Channel 6

Station: Madrid (Callsign Vigia)

Station: Zaragoza (Callsign Jota)

3933.0 5702.0 6715.0 6730.0 9014.0? 11262.0 13245.0 15073.0

Special thanks to the Dutch Military Research Group website (<http://www.dutchmil.com/>) for the new information above.

The Spanish Air Force operates a SAR service around the Spanish mainland and from Gando AB in the Canary Islands. They make extensive use of HF for communications during rescue missions and during exercises.

Frequency/Designator Matrix (USB)

2182.0 H24
3137.0 HN
4738.5 H24
6737.0 HJ

The Canarias Rescue Coordination Center (RCC), due to the much larger area they cover, also uses 11406 kHz. They can also be heard on the following frequencies, these are used by request from the network users (USB): 2763.0 3855.0 4790.0 6870.0 9001.0 9437.0

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*United Kingdom
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Royal Air Force (RAF)
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RAF VOLMET Broadcast

Control Point - RAF High Wycombe
 Transmitter: Inskip near Preston
 Frequencies (USB): 5450.0 11253.0 kHz
 Airfield weather broadcast are made twice an hour in the time slots indicated below:

Time Slot 1: H+00/H+30 - Aldergrove, Manchester, Prestwick, London Stansted, Oslo, Cairo, Pristina (+), Gibraltar, Porto, Stavanger

Time Slot 2: H+06/H+36 - Benson, Brize Norton, East Midlands, Bruggen, Geilenkirchen (+), Hannover, Lyneham, Northolt, Odham, Trondheim, Muscat (+), Salalah

Time Slot 3: H+12/H+42 - Coltishall, Cranwell, Leeming, Leuchars, Lossiemouth, Marham, St. Mawgan, Waddington, Linloss, Shawbury, Coningsby, Thumrait (+)

Time Slot 4: H+18/H+48 - Ascension, Bahrain, Brize Norton, Banjul (+), Dakar, Keflavik, Nairobi, Mombassa, Montevideo, Rio de Janeiro

Time Slot 5: H+24/H+54 - Adana (Incirlik), Akrotiri, Ancona, Aviano, Gioia del Colle, Rimini, Rome/Ciampino, Skopje, Split, Waddington, Bari (+)

The ones suffixed with '+' are additional airfields which are added as required, and have a human voice announcing them, rather than the electronic voice.

Some of these other optional airfields can be included in the broadcast in the possible slots indicated below:

Time Slot 1: Edinburgh, London Gatwick, London Heathrow, Luton, Newcastle, Stavanger, Teesside, Trondheim, Vaerlose

Time Slot 2: Hamburg, Munster, Ramstein

Time Slot 3: Coningsby, Shawbury, Yeovilton

Time Slot 4: Cairo, Hurghada, Jeddah, Punta Arenas, Recife

Time Slot 5: Catania, Faro, Lisbon, Palermo, Rome, Sarajevo

From the RAF Enroute Supplement, the UK equivalent of the US Department of Defense Instrument Flight Rules Supplement (IFR)

*Strike Command Integrated Communications System (STCICS)

Callsign: Voice: Architect CW: MLD or MLP

Transmitter: Chelveston, Northamptonshire, England

Frequencies (USB):

4742.0 5714.0 6739.0 9031.0 11205.0 18018.0 (Group A - see below)

4540.0 5450.0 8190.0 11253.0 13257.0 15031.0 (Group B - see below)

2591.0 11247.0

Group A has the QNH broadcast at H+00 and Airfield color state broadcast at H+30.

Group B has RAF German airfield flying states at H+15 and H+45.

*RAF Flight Watch Centers

Ascension Callsign: Haven

Frequencies: 4742.0 (2000-0800 UTC) 9031.0 (0800-2000 UTC) 11247.0

All frequencies carry a weather broadcast at H+45

Cyprus Callsign: Cyprus

Frequencies: 4742.0 9031.0 (1600-0500 UTC) 11247.0

4742.0 and 11247.0 carry weather broadcast at H+15

Gibraltar Callsign: Gibraltar

Frequencies: 4742.0 9031.0 11247.0

Mount Pleasant, Falkland Islands Callsign: Viper
Frequencies: 9031.0 11247.0

UKADGE HF Line Designator List

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How to find which frequencies are active. Listen to the Architect weather broadcast at H+00 and H+30 (see above). If the UKADGE circuits are active, there will be an announcement after the weather broadcast with the code-letters for the active frequencies. For example: "Additional information.. 2.. PK.. tack..401C.. tack.. AG" (which is repeated twice).

The first number indicates which Air Defense radar station is active
1 - Buchan, Boulmer and Benbecula
2 - Buchan
3 - Boulmer (has not been heard for many years)
4 - Neatishead

The first 2-letter-group is the code for the active HF frequency from the list below. It is sometimes referred to as the 'JAAWSK Frequency' (Joint Anti-air Warfare Shore Co-ordination). It carries most of the voice traffic, including target positions and Beaver details. This channel also carries frequency changes and position reports.

The third group is the Charlie squared channel, where AWACS aircraft pass their radar data over a HF link. Known frequencies are:

- 2250.5 401A
- 33???.0 401B (exact freq unknown)
- 4478.5 401C
- 6673.5 401D
- 8500.5 401E

The final group is known as chick co-ordination, where combat aircraft which are HF-capable can be passed target positions and other information.

In the example above, Buchan is the ADR station, using 5095 khz for voice traffic, the AWACS are using 4478.5 khz, and the chicks are on 4745 khz.

Frequency/Designator Matrix (USB)

A	11205.0	AB	5693.0	AC	8156.0	AD	9010.0
AE	3939.0	AF	9022.0	AG	4745.0	AH	3930.0
AK	3038.0	AP	11181.0	AQ	2396.0	AW	4042.0
AZ	23281.0	B	6739.0	BA	17970.0	BE	18018.0
BF	3083.0	BJ	17988.0	BK	3945.0	BL	11268.0
BS	18000.0	BT	2350.0	BX	8989.0	CA	6736.0
CM	18009.0	CO	23245.0	CY	3119.0	CZ	29800.0
D	4706.0	DA	5436.0	DB	15091.0	DH	15013.0
DM	8998.0	DQ	17995.0	DS	4739.0	DT	18024.0
DW	9031.0	E	3924.0	EA	10512.0	EF	5720.0
EH	11259.0	EI	23270.0	EK	11235.0	EM	15025.0
EN	15076.0	EP	15040.0	EX	11184.0	EZ	11253.0
F	13257.0	FA	3101.0	FG	11208.0	FM	5405.0
FS	4742.0	FT	13218.0	FV	15064.0	FW	3131.0
G	3915.0	GA	15061.0	GD	2274.0	GT	26385.0
H	15031.0	HE	3942.0	HJ	8983.0	HK	9034.0
HM	6748.0	HO	13206.0	HW	11247.0	HX	23257.0
HZ	13248.0	I	13236.0	IN	17982.0	IP	27000.0
J	8980.0	KA	3380.0	KD	3867.0	KH	12057.0
KJ	4718.0	KP	2641.0	KR	4484.0	KT	5420.0
KW	2261.0	KX	2577.0	L	5447.0	LA	3036.0
LB	3092.0	LC	6701.0	LD	15046.0	LE	15072.0
MB	2266.0	MC	5270.0	MD	18850.0	ME	14460.0

WUN-v10							
MS	3218.0	NJ	5705.0	PA	3302.0	PE	6760.0
PF	10634.0	PH	8971.0	PK	5095.0	PO	6715.0
PR	3864.0	PZ	14724.0	QB	3512.0	QR	8972.0
QV	3095.0	RA	8190.0	RD	6691.0	RE	5178.0
RH	5695.0	RM	3110.0	RZ	9459.0	SA	2762.0
SE	14812.0	ST	2591.0	TG	6724.0	TO	3391.0
TQ	3345.0	TS	5684.0	TW	4709.0	UA	4724.0
UB	10919.0	UR	17979.0	UT	4540.0	VE	11217.0
W	5747.0	WG	3125.0	WM	3026.0	X	3224.0
XA	5403.0	YC	11241.0	YM	13211.0	YP	23250.0
YZ	20030.0	ZF	3763.0	ZZ	5714.0		

Air Northwest JAAWSK (Joint Anti-air Warfare Shore Coordination)

=====

The RAF (and other NATO forces) seem to be using a new set of codes to identify their HF frequencies.

Frequencies/Unknown designator (USB):

2031.0 2307.0 3343.0 3404.0 3943.0 4502.0
 4763.0 5350.0 5392.0 6835.0 6882.0 7919.0
 10325.0 10585.0 10830.0 12198.0 14568.0 16344.0

Frequency/Designator Matrix (USB)

3301.0 Golf 01
 3235.0 Golf 02
 4572.0 Golf 08
 9010.0 Hotel 05
 HF? Kilo 01
 2712.0 Kilo 04
 4530.0 Kilo 05
 4020.0 Kilo 06
 4724.0 Kilo 07
 4860.5 Kilo 08
 4920.0 Kilo 09
 5173.0 Kilo 10
 5277.0 Kilo 11
 5290.0 Kilo 12
 5395.0 Kilo 13
 7415.0 Kilo 14
 7860.0 Kilo 15
 3305.0 Kilo 17
 UHF Kilo 18
 UHF Kilo 19
 UHF Kilo 20
 4785.0 Kilo 22
 4779.0 Kilo 24
 HF? Kilo 25
 UHF Kilo 26
 UHF Kilo 27
 HF? Kilo 28 (Beaver HF?)
 4477.0 Kilo 30
 5045.0 Kilo 31
 5385.0 Kilo 33
 5463.0 Kilo 34
 4012.0 Kilo 36
 UHF Kilo 55
 UHF Kilo 56

Joint Maritime Course Frequencies

=====

Three times a year the Royal Air Force hosts a number of military ships, submarines and aircraft for a series of 2-week exercise around the coast of the UK. This is known as the JMC - Joint Maritime Course.

The forces are split into two opposing forces, and they use an extensive network of HF frequencies for voice co-ordination and encoded data transmissions of radar pictures (known as Link 11). Each HF frequency is given a KJ designator, and these run from KJ01 up to at least KJ50. Some

WUN-v10

of these frequencies are in the UHF military aircraft band. The tie-up between designator and frequency changes with each JMC course conducted. During some JMC's some designators are on UHF frequencies in one course and on HF frequencies in the next course.

Frequencies (USB):

3343.0 3357.0 3805.0 4477.0 4484.0 4502.0 4778.5 4860.5 5045.0
5091.5 5206.0 5267.0 5276.5 5280.0 5310.0 5385.0 5460.0 5733.0
5910.0 6224.0 6237.0 6697.0 6779.0 6882.0 6940.0 7795.0 7934.0
9394.0 11149.0

Royal Navy (RN)

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Warship Frequency/Designator Matrix (USB)

2487.0 Channel 02 Ships working MTI
2662.4 Channel 02P Ships working GYA/MGJ
2760.4 Channel 02Q Ships working GYA/MGJ
3806.4 Channel 03P Ships working GYA/MGJ
4153.0 Channel 04 Ships working MGJ on 3390 kHz
4153.9 Channel 04P Ships working GYA/MGJ
4879.9 Channel 04Q Ships working GYA/MGJ
6246.9 Channel 06P Ships working GYA/MGJ [was 6242.9 kHz]
8144.9 Channel 08P Ships working GYA/MGJ
8179.9 Channel 08Q Ships working GYA/MGJ
8339.0 Channel 8A? Ships working GYU
12377.9 Channel 12P Ships working GYA/MGJ
12381.9 Channel 12Q Ships working GYA/MGJ
12389.0 Channel 12A Ships working GYU
16550.9 Channel 16P Ships working GYA/MGJ
16566.9 Channel 16Q Ships working GYA/MGJ
22193.9 Channel 22P Ships working GYA/MGJ
25142.9 Channel 25P Ships working GYA/MGJ

Station List:

GYA London
GYU Gibraltar
MGJ Faslane
MTI Plymouth

Northwood FAX Service

=====

Frequencies (FAX): 2617.0 6834.0 8652.0 10576.5 12390.0 14356.0
18261.0

Irish Navy

=====

Frequencies (SITOR-A): 2461.5
Frequencies (CODAN PSK <F7>): 5254.0

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*Ukraine

=====

Military Frequencies(CW) 2598.0

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*Venezuela

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This entire Venezuelan military section below is courtesy of Ron Perron with a few frequencies thrown in by the column editor.

Air Defense Command

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Venezuelan Air Defense Command

This net serves various air defense missile sites and surveillance radar units based at/near Venezuelan Air Force bases and other strategic locations.

Frequencies (USB/ALE): 5695.0 7810.0 9065.0 11130.0 13475.0

Station List:

CDDA Air Defense Command Center (Centro de Defensa Aerea)- El Libertador Airbase
 GURI Air Defense site at Guri Dam
 MENE or Menemauroa Air Defense site
 MAR or Maracay Air Defense site
 PTOORDAZ or PTO Puerto Ordaz Air Defense site
 GUA or Guasualito Air Defense site
 MARGARITA Isla Margarita Air Defense site
 MONTECANO Air Defense site
 PTOFIJO or Puerto Fijo Air Defense site

Army

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General Staff/Command & Control

Frequencies (USB/ALE): 8060.0 9795.0 10600.0 11155.0 12191.0 13449.0

1st Infantry Division

Frequencies (USB/ALE): 8260.0 11625.0 12191.0 13500.0*

2nd Infantry Division

Frequencies (USB/ALE): 5760.0 6870.0 7597.0 8060.0 8187.0 9232.0
 9052.0 10156.0 11610.0 13449.0

3rd Infantry Division

Frequencies (USB/ALE): 7597.0 8050.0 9232.0 9259.0 10150.0 12191.0
 13464.0 13506.0

4th Infantry Division:

Frequencies (USB/ALE): 9795.0 12185.0 13455.0

5th Infantry Division

Frequencies (USB/ALE): 5406.0 6786.0 7399.0 9233.0 9906.0 10115.0
 12191.0 14569.0

Station List:

CCM Mobile Command Center-Centro Comando Movil
 CGE Army Headquarters (Cuartel General de Ejercito)
 CGEJM Venezuelan Army HQs - Mobile - Cuartel General Ejercito
 Movil
 CLC Local Communications Center (Centro Local de Comunicaciones) I was carrying the "L" as Logistico, but in retrospect "Local" seems to fit the context better.
 CLM Maintenance Logistics Center (Centro Logistico Mantenimiento)
 CRC Regional Communications Center (Centro Regional de Comunicaciones)
 Mira1 Military Command Element at Presidential Palace
 Mira2 Military Command Element at Presidential Palace
 Mira3 Military Command Element at Presidential Palace (Palacio de Miraflores)
 PCRC Regional Command Post (Communications) (Puesto de Commanda Regional Comunicaciones)
 PCRM Regional Command Post - Mobile (Puesto de Commanda Regional Movil)
 PNME Riverine Forces River Post
 RESERVA1 1st Infantry Battalion - Reserves
 RESERVA2 2nd Infantry Battalion - Reserves
 RESERVA5 5th Armored Battalion - Reserves
 SCLC Subordinate Local Communications Center (Subordinado Centro Local de Comunicaciones) - I know the "S" doesn't fit syntactically, but I think it makes sense nonetheless.
 SCLM Maintenance Logistics Service Center (Servicio Centro Logistico Mantenimiento)
 SIB Unidentified
 SIT Unidentified
 SKI Unidentified

TALLERESM Unidentified

Ron thinks the suffixes 1-3 for both MIRA (Army section above) and CUFAN (National Guard section below) are the same. They may equate to something like 1= command element; 2= intelligence element; 3= operations element. Or they could equate to branches of the Armed Services i.e. 1= Army, 2= Navy; 3= National Guard.

Ron says these equations are based upon his own research and analysis using Spanish-language resources and glossaries. He is relatively certain that the equations for CGE and CRC are correct. According to various sources the Venezuelan Army has divided up the country into 6 Military Regions/Zones. This corresponds nicely to the CRC# identifiers he has seen so far. The other equations are, as he stated are his own derivations, and are ripe for discussion. He hasn't seen enough of the three letter identifiers (SIB, SIT, SKI, etc) to have any equations for them.

National Guard

=====
Frequencies (USB/ALE): 7849.0 9052.0 10272.0 10600.0

Station List:

CGGN Cuartel General de Guardia Nationale-Venezuelan National Guard HQs
 CORE7 National Guard Commander, Region 7-Comando Region 7 (there are 7 National Guard regions).
 CUFAN Unified Command of National Armed Forces-Comando Unificado del la Fuerza Armada Nacional
 CUFAN1 Unidentified sub-element of CUFAN
 CUFAN3 Unidentified sub-element of CUFAN
 CUFAN4 Unidentified sub-element of CUFAN
 CUMANA Cumana Airfield or Cumana City
 C5F Asuntos Civiles (Civil Affairs) C5
 DESTAFAC23 Destacamento 23 de las Fuerzas Armadas de Cooperación-Detachment 23, National Guard
 PORLAMAR Destacamento de Apoyo Aereo #7, Air Support Detachment # 7, Parlomar Airport)
 VARGAS HQs Commando de Vigilancia Costera, La Guaira, Estado Vargas

NOTE:

1. Commando de Vigilancia Costera is the naval component of the Venezuelan National Guard. There are seven detachments of the Vigilancia Costera and four detachments of the Vigilancia Fluvial (River Forces)

2. Commando de Apoyo Aero is the air component of the Venezuelan National Guard

Navy

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Frequencies (USB/LSB/ALE): 6890.0U 6895.0U 7849.0U 8260.0L 8825.0L
 8500.0U 9017.0L 9190.0U 9350.0L 10272.0U 10600.0U 10650.0L
 12546.0L 13500.0U 14790.0L 19200.0U 20400.0L

Station List:

Armario Puerto Cbella Naval Base (named after Agustin Armario de Puerta Cabella)
 BDIRCO Batallon de Ingenieros de Combata (Combat Engineer Battalion)
 BNA Naval Base "Amario"
 BNF Naval Base "Falcon"
 BNG Naval Base "Guitierrez"
 BNARCO Commando, Basa Navale Amario
 BRION Frigate, "Almirante Brion", F-22
 CANCO Unidentified
 CAPANA Capana-class Medium Landing Ship " Capana", T-61
 CGA Navy HQs, (Cuartel General Armada)

CGARM Navy HQs (Cuartel General de Armada)
 COFFRI1 Comando Fluvial Fronterizo " General de Brigada Franz Riquez Iribarren"
 DCCOP Direccion de Coordinacion Y Control Operacional
 DHD Unidentified
 DHN Venezuelan Navy's Direccion de Hidrografia y Navegacion
 DIVIMCO1 Unidentified
 F21 Frigate Mariscal Sucre
 F22 Frigate Almirante Brion
 F26 Frigate Almirante Garcia
 FALCON Base Naval "Mariscal Juan Crisostomo Falcón"
 GC11 Frigate "Almirante Clemente" GC-11 Venezuelan Coast Guard
 GC12 Frigate " General Jose Trinidad Moran" GC-12 Venezuelan Coast Guard
 LLANOS Amphibious Support Ship, "Los Llanos", T-64
 MACABRO Unidentified
 MASCARA Unidentified
 PC13 Constitucion-class Missile craft, "Independencia" PC-13
 PR1 River Patrol Craft "Lago1" PBR-1
 PR2 River Patrol Craft "Lago2" PBR-2
 PR4 River Patrol Craft "Lago 4" PBR-4,
 PUNTABRAVA Oceanographic Support Ship "Punta Brava", BO-11
 REDJEFE Unidentified, literally means "main net"
 RIONEGRO1 Venezuelan National Guard Protector-class patrol craft
 SUCRE Frigate "Mariscal Sucre", F-21
 T61 LST "Capana"
 T63 LSM "Gojaira"
 T64 LSM "Los Llanos"
 T81 Replenishment Oiler " Ciudad Bolivar"
 VARGAS Comando de Vigilancia Costera, La Guaira, Estado Vargas.

Venezuelan Military Unit List:

 2MA6 Special Operations Unit
 2MA8 Special Operations Unit
 4MA0 Special Operations Unit
 5MA0 Special Operations Unit
 BLAZER3411D 3411st Tactical Comms Coy (341st Tac Comms Bn)
 CCM23 Mobile Command Center, 23rd Inf Bde Centro Comando Movil
 CCM33 Mobile Command Center, 33rd Inf Bde-Centro Comando Movil
 CRM7 Commander, Military Region 7
 CUFAN Unified Armed Forces Command

13th Inf Bde
 22nd Inf Bde
 23rd Special Operations & Security Bde
 24th Inf Bde
 25th Inf Bde
 31st Inf Bde
 32nd Inf Bde
 41st Armored Bde
 42nd Armored Bde
 43rd Armored Bde
 51st Jungle Inf Bde
 52nd Jungle Inf Bde
 102nd Motorized Inf Group
 131st Motorized Inf Bn
 222nd Motorized Inf Bn
 224th Motorized Inf Bn
 311th Motorized Inf Bn
 340th Tactical Comms Bn
 341st Tactical Comms Bn
 347th Tactical Comms Bn
 348th Tactical Comms Bn
 349th Tactical Comms Bn
 431st Motorized Cavalry Group
 432nd Motorized Cavalry Group
 433rd Motorized Cavalry Group

442nd Armored Bn
501st Hqs Bn
511th Jungle Inf Bn
512th Jungle Inf Bn
513th Jungle Inf Bn
514th Jungle Inf Bn
521st Jungle Inf Bn

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NON-UNITED STATES GOVERNMENT NETS

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*Australia

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Austalian Customs Service

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Frequencies (USB): 2148.0 5285.0 7960.0 10435.0 13591.0

*UNITED STATES GOVERNMENT LISTINGS

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U.S. Government SHARES (Shared Resources)Program

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SHARES Coordination Network (SCN)

Frequency/Designator Matrix

4490.0 Channel 3/SCN ALE Net
4573.5 Alternate frequency for channel 1 voice check-in
5236.0 Channel 1/SCN Voice Net
5711.0 Channel 4/SCN ALE Net
6800.0 Channel 9/SCN BBS Net
9106.0 Channel 5/SCN ALE Net
10586.5 Channel XF
11217.0 Channel 6/SCN ALE Net
13242.0 Channel 10/SCN BBS Net (G-TOR)
14396.5 Channel 2/SCN Voice Net
14898.5 Alternate frequency for channel 2 voice check-in
15094.0 Channel 7/SCN ALE Net
17487.0 Channel 8/SCN ALE/STI Net

SHARES coordination stations conduct a weekly SHARES net on the ten SCN channels every wednesday from 1600-1800 UTC.

Large scale annual SHARES exercises are conducted in April, August and December.

SCN Operational Levels

SCN Operational Levels are designed to improve the responsiveness of the SHARES Coordination Network during emergencies. SCN Operational Levels are defined as follows:

Operational Level 3 - Conditions normal. No emergency exists. The ten-channel SCN may be used by SHARES station personnel for training and non-emergency operations.

Operational Level 2 - Emergency potential exists. Non-emergency operations on the SCN suspended. SCN monitoring increased. Check-in windows established on the national and regional nets to receive Stations Availability Reports.

Operational Level 1 - Emergency exists. SHARES message support required. National and regional nets maintain full-period operations to receive Station Availability Reports, to list SHARES message traffic, and to coordinate the processing of SHARES messages.

U.S. Immigration and Customs Enforcement (ICE)

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The COTHEN (Customs Over the Horizon Enforcement Net) HF radio system has replaced the older JTF designated systems and those frequencies / designators have been removed from this list.

5732.0 Scan 1
 7527.0 Scan 2
 8912.0 Scan 3
 10242.0 Scan 4
 11494.0 Scan 5
 13907.0 Scan 6
 15867.0 Scan 7
 18594.0 Scan 8
 20890.0 Scan 9
 23214.0 Scan 10
 25350.0 Scan 11

Confirmed HF COTHEN stations and callsigns:

KAE 315 Miami, Florida
 KAE 326 Las Vegas, Nevada
 KAE 371 Boston, Massachusetts
 KAE 378 Reno, Nevada
 KAE 381 Homestead, Florida
 KAE 384 Wilmington, North Carolina
 KAE 388 Riverside, California
 KAE 398 Washington, District of Columbia
 KAE 462 Houston, Texas
 KAE 470 New Orleans, Louisiana
 KAE 484 Denver, Colorado
 KAQ 687 Beaufort, North Carolina
 KAQ 688 New Bern, North Carolina
 KEB 762 Albuquerque, New Mexico
 KEB 765 Myrtle Beach, South Carolina
 KOQ 434 Morehead City, North Carolina
 KOQ 682 Cedar Rapids, Iowa
 KPS 357 Salt Lake City, Utah
 KPS 387 Hampton, Georgia
 KPS 394 Cape Charles, Virginia
 KPS 395 Atlanta, Georgia
 KPS 396 Memphis, Tennessee
 KZP 602 Oklahoma City, Oklahoma
 KZP 604 Nashville, Tennessee
 KZP 606 Kansas City, Missouri

There are two other known stations in the COTHEN HF net we do not have calls for. They are located in Lovelock and Fallon, Nevada. Can anyone help on these two stations?

Selected voice calls monitored on COTHEN

15C USCG HH-60J
 18C USCG HH-60J
 38C USCG HH-60J
 F35 USCG HU-25
 F39 USCG HU-25
 F40 USCG HU-25
 503 USCG HC-130
 718 USCG HC-130
 707 USCG HC-130
 1716 USCG HC-130

U.S. Drug Enforcement Administration

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Frequency/Designator Matrix (USB)

5277.0	Alpha (Night DEA Primary)
5841.0	Bravo
7300.0	Charlie
9497.0	Delta
11076.0	Echo (Day DEA Operations)

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7657.0	Foxtrot
14690.0	Golf
18666.0	Hotel (Reportedly returned to FBI in 1995)
23675.0	India
14350.0	Lima
14686.0	Papa (DEA day Primary)
23402.5	Romeo
?	Sierra Alpha
?	Sierra Bravo
11073.5	Sierra Echo
17171.0	Sierra Hotel
18171.0	Sierra India (Reportedly returned to FBI in 1995)
19131.0	Sierra Juliet
?	Sierra Lima

WUN member John Bohn offered some updates to the "Sierra" frequencies listed above, but is looking for the frequency assigned to the 'Sierra Lima' designator. John says that if you have access to an FCC database, try searching for the frequencies assigned to Rockwell International with the following callsigns:

KA2XXA Richardson, TX
KC2XKG Cedar Rapids, IA
KC2XKJ Newport Beach, CA

The unknown "SB" and "SL" frequencies may be one of the following: 26946.0, 20348.5, 17171.0, 16376.0 and 16341.0 kHz. Rick Baker says that 18971.0 kHz may also be another.

U.S. Federal Aviation Administration

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HF Recovery Communications (RCOM)

The Recovery Communications (RCOM) Program, mandated by a variety of United States national level documents including Presidential Executive Orders and National Security Decision Directives, was established to encompass all FAA emergency command and control communications (C3) systems and projects under one program. Emergency C3 systems are defined as those means of communications that the FAA employs to direct management, operations, and reconstitution of the National Airspace System (NAS) in support of Federal Aviation Administration (FAA), Department of Transportation (DOT), and Department of Defense (DOD) missions during national disasters or national security emergencies.

The FAA maintains a variety of fixed-position, portable, and transportable C3 communications systems for use in support of emergency operations. One such commonly heard C3 system is the RCOM/NARACS High Frequency/Single Side Band (HF/SSB) Net.

In 1995, the FAA approved the deployment of the RCOM HF/SSB upgrades and a five-year contract was awarded to Eastern Computer Incorporated (ECI) for the purpose of upgrading the FAA RCOM/National Radio Communications System (NARACS) HF network. ECI has installed the RCOM HF/SSB upgrade at all the FAA Region Offices and Emergency Operations Centers, and is the final phases of installing the NARACS/ALE upgrades at all Air Route Traffic Control Centers (ARTCCs).

FAA HF connectivity nets are conducted on Wednesday UTC. The East Coast net meets at 1545 UTC on 8125.0 kHz with KIT 88 as net control. The West Coast net was last reported on 13630.0 kHz at 1845 UTC.

FAA Recovery Communications/National Radio Communications System (RCOM/NARACS) HF SSB Network (U=USB/L=LSB)

Frequencies (including ALE): 5860.0U 6870.0U 6870.0L 7475.0U/L
7611.0U/L 8125.0U/L 9114.0U/L 11637.0U 13457.0U 13630.0U 15851.0U
16348.0U kHz

Station List:

ALE Add	Location	Miscellaneous Information
DEFAULT	Unknown	Probably a FAA unit that has not set their ALE ID properly in their unit
FAA	Unknown	Probably not a properly loaded unit, has not been seen as a regular participant on the net
FAAAAL	Anchorage, AK	KDM 53-Alaska Region Office/EOC
FAAAACE	Kansas City, MO	KKU 40-Central Region Office/EOC
FAAAACT	Atlantic City, NJ	KLM 80-William J. Hughes Tech Center
FAAACY	Atlantic City, NJ	WHZ 74-Flight Inspect Field Office
FAAAEA	Jamaica, NY	KJK 82-Eastern Region Office/EOC
FAAAGL	Des Plaines, IL	WHX 51-Great Lakes Region Office/EOC
FAAANE	Burlington, MA	WHX 45-New England Region Office/EOC
FAAANC	Anchorage, AK	WHZ 73-Flight Inspect Field Office
FAAANM	Renton, WA	WHX 20-NW Mtn Region Office/EOC
FAAASO	College Park, GA	KDM 49-Southern Region Office/EOC
FAAASW	Fort Worth, TX	KDM 47-Southwest Region Office/EOC
FAAATL	Atlanta, GA	KLM 44-Flight Inspect Field Office
FAAAWP	Fremont, CA	KMR 96-Oakland ARTCC
FAABTL	Battle Creek, MI	KLM 43-Flight Inspect Field Office
FAADCA	Washington, DC	KEM 80-FAA Headquarters
FAAECI	Unknown	Eastern Computer Incorporated Contractor for FAA ARTCC RCOM HF Network upgrade)
FAAEKN	Unknown	And this is NOT a stn in Elkins, WV
FAAKLO	Boonsboro, MD	KLO 87-FAA Emergency Relocation Site <Tentative ID>
FAALGT	Longmont, CO	KCP 63-western US C3 NCS/SCS Mtn
FAAMRB	Martinsburg, WV	KIT 88-Eastern US C3 Net NCS
FAAOEX	Oklahoma City, OK	KIA 21-FAA Aeronautical Center
FAAOKC	Oklahoma City, OK	WHZ 77-Flight Inspect Field Office
FAASAC	Sacramento, CA	WHZ 78-Flight Inspect Field Office
FAASJU	San Juan, PR	KDM 45-San Juan ARTCC
FAAZAB	Albuquerque, NM	KGH 23-Albuquerque ARTCC
FAAZAN	Anchorage, AK	KBX 44-Anchorage ARTCC
FAAZBW	Nashua, NH	KLD 70-Boston ARTCC
FAAZDC	Leesburg, VA	KJK 80-washington ARTCC
FAAZDV	Longmont, CO	KCJ 70-Denver ARTCC
FAAZFW	Fort Worth, TX	KBQ 25-Fort worth ARTCC
FAAZHU	Houston, TX	KMU 31-Houston ARTCC
FAAZID	Indianapolis, IN	KLB 48-Indianapolis ARTCC
FAAZJX	Hilliard, FL	KJK 79-Jacksonville ARTCC
FAAZKC	Olathe, KS	KKA 82-Kansas City ARTCC
FAAZLA	Palmdale, CA	KJK 77-Los Angeles ARTCCC
FAAZLC	Salt Lake Cty, UT	KDC 20-Salt Lake City ARTCC
FAAZMA	Miami, FL	KMA 47-Miami ARTCC
FAAZME	Memphis, TN	KDM 52-Memphis ARTCC
FAAZMP	Farmington, MN	KCJ 20-Minneapolis ARTCC
FAAZNY	Ronkonkoma, NY	KCD 73-New York ARTCC
FAAZOA	Fremont, CA	KMR 96-Oakland ARTCC
FAAZOB	Cleveland, OH	KLA 25-Cleveland ARTCC
FAAZSE	Auburn, WA	WHX 44-Seattle ARTCC
FAAZTL	Hampton, GA	KUV 64-Atlanta ARTCC
FAAZUA	Aurora, IL	KJB 96-Chicago ARTCC

1. FAA Southern Net meets on wednesday at 0900 ET on 6870 kHz LSB
 2. FAA Western Net meets on wednesday at 1230 ET on 13457 kHz USB
 3. FAA Eastern Net meets on wednesday at 1045 ET on 8125 kHz USB
- NCS: KIT88. Regular checkins: KEM80, KLM80, KLO87, KJK82, WHX45, KLD70, KJK80, WHX51, KJB96, KLA25, KLB48, KCJ20, KIA21, KDM49, KJK79, KMA47, KDM52, KUV64

Special thanks to Jack Metcalfe for his assistance in this section.

U.S. Federal Emergency Management Agency

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FEMA National Radio System (FNARS) HF Frequencies

Frequency/Designator Matrix (USB/LSB)

F-01 2320.0 F-02 2360.0 F-03 2377.0 F-04 2445.0

WUN-v10

F-05 2658.0*	F-06 3341.0*	F-07 3379.0	F-08 3388.0**
F-09 4603.0	F-10 4780.0**	F-11 5211.0	F-12 5378.0**
F-13 5402.0**	F-14 5821.0	F-15 5961.0**	F-16 6049.0
F-17 6106.0	F-18 6108.0	F-19 6151.0**	F-20 6176.0
F-21 6809.0*	F-22 7348.0*	F-23 7428.0**	F-24 9462.0*
F-25 10194.0*	F-26 10493.0*	F-27 10588.0*	F-28 11721.0
F-29 11801.0	F-30 11957.0	F-31 10899.0**	F-32 11108.0**
F-33 12129.0	F-34 12216.0*	F-35 11545.0	F-36 13446.0*
F-39 13780.0	F-38 13894.0**	F-37 13935.0	F-48 13956.0
F-41 14450.0	F-40 14567.0	F-42 14776.0*	F-43 14836.0
F-47 14871.0	F-44 14885.0*/**	F-45 14899.0**	F-46 14908.0**
F-50 15708.0*	F-49 15840.0	F-51 16201.0*	F-52 16238.0
F-53 17519.0*	F-54 18483.0	F-55 18744.0	F-57 19969.0*
F-58 20027.0	F-59 20063.0	F-56 20361.0	F-60 21866.0*
F-61 21919.0	F-62 22983.0*	F-63 23028.0	F-64 23390.0
F-65 23451.0	F-66 23550.0	F-67 23814.0	F-68 24008.0
F-69 24282.0	F-70 24526.0*	F-71 24819.0	

* indicates an old FEMA ALE network frequency
 ** indicated a new FEMA ALE network frequency

Note: It would appear that the designators above have changed and reports on this system would be appreciated.

Jack Metcalfe reported on the last weekend in July 2003 a new series of frequencies for the FEMA ALE net that have replaced the frequencies above. Please note the following frequencies are being used:

10899.0 11108.0 12112.0 13894.0 14885.0 14899.0 14908.0

Other FEMA ALE Frequencies

2414.0 4490.0 5135.0 5711.0 6151.0 7805.0 7806.4 8012.0 8050.0
 9106.0 10899.0 11108.0 11217.0 12112.0 11957.0 13984.0 15094.0
 17487.0 20107.0 22953.0

The information below was published in official MARS documents that are openly available on several internet websites. According to these MARS documents these designators are to be used by the membership in order to provide some sort of security for the FEMA National Emergency Coordination Net (NECN). The various MARS branches are suppose to use the designators below instead of announcing frequencies on the air.

Designator	Frequency	Mode
FEMA-1U	5211.0	USB
FEMA-1L	5211.0	LSB
FEMA-2U	10493.0	USB
FEMA-2L	10493.0	LSB
FEMA-3U	14567.0	USB
FEMA-3L	14567.0	LSB
FEMA-4U	13956.0	USB
FEMA-4L	13956.0	LSB

Other FEMA HF Assignments

2220.0 2258.0 2280.0 2317.5 2652.0 3206.5 3224.0 3342.5 4018.5
 4023.5 4031.5 4441.5 4598.5 4608.5 4883.5 4886.5 5303.5 5379.5
 5935.0 6804.5 6996.5 7361.5 8051.5 8161.5 9122.5 10871.5 11995.5
 12112.0 12250.5 13451.0 16315.5 17461.5 17481.5 17501.5 20414.0
 20444.5 20447.5 24060.0 24105.0 24135.0 24160.0 24191.0

Also published on open internet websites the following callsign list. MARS has now assigned callsigns listed below to the FEMA Mobile Emergency Response Support (MERS) Detachment Stations.

- A. FEMA REGION 1:
 - AAN1FMA, MAYNARD, MA
 - AAN1FMB, MOBILE
 - AAN1FMC, MOBILE
 - AAN1FMD, MAYNARD, MA
- B. FEMA REGION 3

- AAN3FMA, MT. WEATHER, VA
- C. FEMA REGION 4
 AAN4FMA, THOMASVILLE, GA
 AAN4FMB, MOBILE
 AAN4FMC, MOBILE
 AAN4FMD, MAYNARD, GA
 AAN4FME, MAYNARD, GA
- D. FEMA REGION 6
 AAN6FMA, DENTON, TX
 AAN6FMB, MOBILE
 AAN6FMC, MOBILE
 AAN6FMD, DENTON, TX
 AAN6FME, DENTON, TX
 AAN6FMF, DENTON, TX
 AAN6FMG, DENTON, TX
- E. FEMA REGION 8
 AAN8FMA, DENVER, CO
 AAN8FMB, MOBILE
 AAN8FMC, MOBILE
 AAN8FMD, DENVER, CO
- F. FEMA REGION 10
 AAN0FMA, BROTHELL, WA

Scheduled Government HF Nets

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Here is a list of the known United States Government nets.

++Federal Aviation Administration++

Southern Region Net meets on wednesday at 0900 ET on 6870.0 LSB
 Eastern Region Net meets on wednesday at 1045 ET on 8125.0 USB
 Western Region Net meets on wednesday at 1230 ET on 13457.0 USB

Note: I have not monitored these nets in some time. If no reports are received in the near future I will remove them from these listings-LVH

++Federal Highway Administration (FHWA) Region 7 Coordination Net++

This net starts at 1000 ET every wednesday using the following times and frequencies (last heard 20 Aug 2003):

Time(H+min)	Freq Desig	Freq (kHz)
H+00	F-14	4821.0
H+10	F-02	5255.0
H+20	F-03	7419.5
H+30	F-04	9197.0
H+40	F-05	10891.0
H+50	F-42	13434.0
H+60	Net Terminated	

++Missouri State Emergency Communications Net++

Wednesday weekly net at 0930 CT (1530 winter/1430 summer UTC) on 5140.0 kHz USB.

++New Hampshire Emergency Operations Centers++

Here's what Ron Perron has compiled on the New Hampshire Emergency Operations Center net. It is stuff that Jack Metcalfe, Mike Chace and Ron have all posted. Jack did the original work on the frequencies and ALE addresses. The net just grew from there as we listened in.

Frequencies (USB/ALE): 2414.0 5135.0 5136.6 5192.0 5193.4 7805.0
 7806.4

Station List:

BE1RL Berlin EOC
 CE1NT Centerville EOC
 CO1NC Concord EOC
 HI1LL Hillsborough EOC
 KE1EN Keene EOC
 LA1NC Lancaster EOC

MILF Milford EOC
NAISH Nashua EOC
PEITE Peterborough EOC
ROICH Rochester EOC
WPFJ625 New Hampshire State EOC, Concord NH

++Ohio Disaster Services Agency++
Tuesday weekly net at 1400 UTC on 4640.0 kHz USB.
Anyone else have any scheduled HF government nets they are aware of?

++Shared Resources (SHARES)++
SHARES Coordination stations conduct a weekly net on all ten SCN frequencies (see US Government SHARES Program section below). The net is operational weekly on Wednesday from 1600-1800 UTC.

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-30-
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Nautical News
Monitoring Maritime Frequencies

Edited by Robert Maskill G4PYR Peterborough England.

Hello to all. As you can see I am back again compiling the Maritime News. I was not surprised to see the lack of interest in taking up the reins of the column when I gave it up due to work. But I am now in a position to edit the column again.

However, in the few months I was not doing it a few things have changed.

The 500 kHz band

Firstly there are at least two national radio societies (WIA & RSGB) who have expressed interest in perhaps an amateur band around 500 kHz due to the lack now of much maritime activity in that part of the spectrum.

This has produced mixed reaction across the world with the two extremes being "Can we have the band today" to "Never, 500 kHz should be made a memorial frequency"

Personally I sit somewhere in the middle, in certain parts of the world there is still activity on that part of the spectrum with a couple of Russian station additions in a recent ALRS weekly update.

No doubt this will rumble on for a few years to come. I would be interested to hear your thoughts and comments direct by email about a possible amateur band in this part of the spectrum.

Stonehaven Radio GND

A group of amateurs in Scotland are working towards getting this station back on the air, most likely as a working museum dedicated to maritime radio.

The building has been listed and can not be changed by the current owners, steps are being taken to obtain the building as the first stage to getting "GND" back on the air.

Stonehaven Radio "GND" closed 30th June 2000.
At the end of service life the station also controlled the following Coastal Stations Wick Radio, Lands End Radio, Portpatrick Radio & Humber Radio.

WUN-v10

This makes it an important part of UK maritime radio history.
 I will give more information in future columns when I receive it.
 MarineNet Wireless System.

 Mode is PACTOR-3 (SCS-PACTOR)

Station: WKS Location: Jupiter/Indiantown, Florida, USA.

Channel ID Simplex on: (kHz) Channel ID Simplex on: (kHz)

WKS-4A	4451.5	WKS-13A	13893.5
WKS-4B	4593.5	WKS-13B	13908.5
WKS-5A	5258.5	WKS-18A	18188.5
WKS-5B	5283.5	WKS-18B	18288.5
WKS-7A	7523.5	WKS-19A	19808.5
WKS-7B	7568.5	WKS-19B	19833.5
WKS-9A	9058.5	WKS-22A	22868.5
WKS-9B	9158.5	WKS-22B	22898.5
WKS-12A	12113.5	WKS-24A	24508.5
WKS-12B	12163.5	WKS-24B	24538.5

Station: DAO Location: Kiel, Germany. Duplex Channels

Channel ID Shore Tx (kHz) Ship Tx (kHz)

DAO-2A	2628.5	2550
DAO-2B	2846.5	2547
DAO-4A	4242.5	4164.5
DAO-4B	4263.5	4168.5
DAO-6A	6357	6249.5
DAO-6B	6434	6257.5
DAO-8A	8510.4	8328.5
DAO-8B	8637	8336.5
DAO-12A	12762	12412.5
DAO-12B	12831	12416.5
DAO-17A	16978.9	16613.5
DAO-17A	16978.9	16613.5
DAO-17B	17046.5	16609.5
DAO-22A	22474.5	22228.5
DAO-22B	22604	22236.5

Station: DZO Location: Cavite Philippines
 (New Construction Site)

Channel ID Simplex on: (kHz)

DZO-8A	8514.4
DZO-8B	8716
DZO-12A	12422
DZO-13A	13078.5
DZO-16A	16982.9
DZO-17A	17198.5
DZO-22A	22567.5

Station: WLC Location: Rogers City, Michigan, USA
 (Re-building Site)

Channel ID (kHz)

WLC-2A	2194	Simplex	
WLC-4A	4379.5	Shore Tx/	4087.5 Ship Tx Duplex
WLC-5A	5897.1	Simplex	
WLC-8A	8031	Simplex	

WUN-v10

Station: KKL Location: Republic, Washington
(New Construction Site)

Channels and frequencies to be announced.

My thanks to RGA for this information.

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GW node Nikolski/KEM operational.

The latest node in Globe wireless's chain of HF data-linked world-wide network came on air at the beginning of the month. It is located at the village of Nikolski, on Unmak Island in the North Pacific Aleutians.

The following is the list of assigned frequencies (those showing ship frequencies are operational). Note that some of these are omni-directional whilst others are directed towards the SW and the SE to enhance coverage in particular target areas.

KEM	Ship
6511.4	---
8417.5	---
8426.5	---
8759.4	8235.4
12619	12516.5
12632	12530
13177.4	12330.4
17288.4	16406.4
17336.4	16454.4
17366.4	16484.4

Counting KFS/KPH as one node this brings the total up to 22 stations. GW uses a proprietary adaptive modem (not Pactor or variant thereof) employing FSK and PSK techniques providing an HF data service to the maritime community.

Many thanks to Peter Kierans, GW's Licensing and Regulatory Vice-President, for updating us with this information.

Royal National Lifeboat Institution

The RNLi in the UK have released a new interactive training console, this can be found at
<http://www.rnliseasafety.org.uk/upload/seasafety/e-learning/nav.htm>

There are several modules to play with on the site and I am sure a few of you will find it of interest.

Well that's all for this month. Please send any contributions to me at g4pyr@dsl.pipex.com all input is welcome.

73 Robert G4PYR

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#####  
# NUMBERS & ODDITIES #  
////////////////////////////////////\////////////////////////////////////\//  
- Editor: Ary Boender ***** e-mail: ary@luna.nl -  
- Nickname on IRC channels #WUNclub and #monitor: Ary-B -  
-  
- Download the complete N&O newsletter from the N&O web site -
```

- http://home.luna.nl/~ary/ -
- Online database: Chris Smolinski <csmolinski@erols.com> -
- http://www.spynumbers.com/numbersDB/ -
\\//

-::: N&O #89, November 2004 :::-

"Huh? #89? Did I miss something here?", you might ask yourself. No, you didn't :-) The first 10 "Numbers & Oddities" columns were published in the WUN news letters in February - September 1995. N&O resurfaced in 1998, again as WUN column but now also as a separate newsletter for the members of the Spooks list and everyone else who is interested in numbers stations and other odd signals on HF. "Why did you start with #01 again in 1998 while you already published 10 N&O columns back in 1995?", I was asked. Good question. I don't know but with N&O #100 in sight I really like the suggestion to include the first 10 columns in the numbering :-)) Now you know the reason why I skipped numbers 79-88.

For those of you who are interested in the 1995 editions, just go to the N&O website and download the "1995-1997" file.

- N&O #01: originally published in February 1995
- N&O #02: originally published in March 1995
- N&O #03: originally published in March 1995
- N&O #04: Special edition of N&O and the Digital Review column.
Originally published in March 1995
- N&O #05: originally published in April 1995
- N&O #06: originally published in May 1995
- N&O #07: originally published in June 1995
- N&O #08: originally published in July 1995
- N&O #09: originally published in August 1995
- N&O #10: originally published in September 1995

Before I forget...

Other obligations made it impossible for me to edit N&O in October, but Jochen volunteered to edit #78 and I thank him for that.

Right, enough said. Let's get started.

This month's Contributors: Fritz, Mark, Bert, Leif, Igor, Scott, Steve, Jim, Tom, Walter, Attu, Peter, Dave, Chuck, Klaus, Tomonori, Deka, Al, Tom, Wolfgang, and the DARC Bandwacht.

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* VOICE STATIONS *

::: E03 - LINCOLNSHIRE POACHER

IDs used in the first half of November.

UTC	Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC
1200	69234	69234	69234	69234	69234	69234	69234	1200
1300	99780	99780	99780	99780	99780	99780	99780	1300
1400	41236	81508	15552	81118	69234	14060	33830	1400
1500	33830	41236	81508	15552	81118	69234	09494	1500
1600	09494	33830	41236	81508	15552	81118	14060	1600
1700	14060	09494	33830	41236	81508	15552	69234	1700
1800	69234	14060	09494	33830	41236	81508	81118	1800
1900	81118	99780	14060	99780	33830	41236	99780	1900
2000	99780	69234	99780	09494	99780	33830	15552	2000
2100	15552	81118	69234	14060	09494	99780	81508	2100
2200	81508	15552	81118	69234	14060	09494	41236	2200

Second half of November:

WUN-v10								
UTC	Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC
1200	97802	97802	97802	97802	97802	97802	97802	1200
1300	25812	25812	25812	25812	25812	25812	25812	1300
1400	98482	30559	83111	12147	97802	77321	70370	1400
1500	70370	98482	30559	83111	12147	97802	45245	1500
1600	45245	70370	98482	30559	83111	12147	77321	1600
1700	77321	45245	70370	98482	30559	83111	97802	1700
1800	97802	77321	45245	70370	98482	30559	12147	1800
1900	12147	25812	77321	25812	70370	98482	25812	1900
2000	25812	97802	25812	45245	25812	70370	83111	2000
2100	83111	12147	97802	77321	45245	25812	30559	2100
2200	30559	83111	12147	97802	77321	45245	98482	2200

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::: E04 - CHERRY RIPE

IDs in the first half of November.

UTC	Sun	Mon	Tue	Wed	Thu	Fri	UTC
2200	73057	52305	97212	42898	52305		2200
2300	52305	97212	42898	52305	33427		2300
0000		97212	42898	52305	33427	44038	0000
0100		42898	52305	33427	44038	80611	0100
1000		52305	33427	44038	80611	73057	1000
1100		33427	44038	80611	73057	52305	1100
1200		44038	80611	73057	52305	97212	1200
1300		80611	73057	52305	97212	42898	1300

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::: E10

One string from October: CI088 on 6 Oct at 0515 UTC.

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::: V02

Bert Herald writes on 16 Nov: "By almost total chance (dialing around) I have finally received my first spy station! I cross-referenced with the info on SpyNumbers.com, and it appears to be the Cuban station, Enigma ID M8. However, there are some differences. It was done in voice, not morse. Language was an automated-sounding Spanish voice (all numbers identical sounding). And it used an M8 frequency of 6797 kHz but at a time of 2200z. Any ideas? Is this a voice-version of M8 or something else?"

Congratulations with your first numbers log, Bert and welcome to Numbers R Us :-). I am sure that you know it by now, you have heard M08a's counterpart V02a.

The following is a quote from N&O #78:

"In mid-October we heard, that a citizen from Cuba, called "Pedro", was charged with spying and arrested (probably by the USA?) for 15 years in prison in Matanza (Cuba?). - Since these days, the "irregular presentation" of V2/2a increased. We hope, that we get more info for the next N&O edition."

I am afraid that this was based on a misinterpreted joke. Sorry about that :-)

A V02 log from Chris Smolinski triggered Mark Slaten's interest. Chris heard V02 at 2100 UTC at 6855 kHz on Thursday 11/11 and asks "A new V2a sked?"

Marks responds to this question and says:

WUN-v10

"This log caught my eye as you don't hear V02a much at that time of the day. So I decided to check it out the next day at the same time and freq. The sked was heard again, and is actually V02c. V02c has callups different from V02a and the traffic for V02c is not limited to the standard 150 group message that V02a and M8c tend to send. The callups are a 3/2 type call. Example being 888 16 or 252 166. Also, another curiosity is the fact that there is a distinct pause after every 10 groups in the message. The transmitters seem to be better than the transmitters used by V02a also. I have been following this sked ever since then and have found that it appears to be a daily sked. It also has an earlier transmission at 0900 and 1000 UTC. It is then repeated at 2000 and 2100 UTC. Freqs that I have recovered so far are: 6855, 7520, 7527, 7887 and 7975 kHz. The 2000/2100 UTC sked seems to favor 7887/6855 kHz. I have my chart just about half complete with the skeds. I will post very soon.

Anyone else out there that can listen and fill in the blanks, please do, and post them in the database. By the way, V02c usually has his AM carrier up about 10-15 minutes prior to broadcast. I have heard it even earlier. So he should be a pretty easy find when searching the freqs."

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* MORSE STATIONS *

::: M21

Russian Air Defense with its typical =99 messages were on various freqs in October and November. It seems that the traffic load of M21 is gradually decreasing.

5201 and 7913.5 kHz in October. Both ID "0"
3322, 4851.5, 4951.5 kHz in November. ID "0"
5918.5 and 6823.5 kHz in November. ID "9"

::: M21 variant

3301 kHz: PSNN with message.

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::: M41 WZD

A former „Nachrichtenoﬃzierung“ (Communications officer) of the East German army (Nationale Volks Armee) supplied the following info via one of our correspondents. Vielen Dank, OM!

WZD was operated by the Air Defense Forces of the former GDR. This network collected and transmitted coordinates of the aircraft that were monitored by the observation stations. You can compare it with M21 (Russian Air Defense). The messages consisted of 20 characters sent via cable and RTTY. Cloaked versions of these messages were also transmitted as exercise messages in high speed CW (100 char/minute). As said, the format of the CW messages was different. They consisted of only 14 characters. Most probably they omitted the checksum and the codes for the QTH of the sender and the hit rate estimate. The latter was a computer generated code that contained information about the theoretical hit rate of their weapons systems.

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::: M53

Observed by Igor on 4625 kHz at 1630 UTC on 17 Nov.

vvv cq 619,782

vvv cq 619,782
 vvv cq 619,782
 vvv cq 619,782
 vvv cq 619,782
 vvv cq 619,782
 vvv cq 619,782
 vvv cq 619,782
 vvv cq 619,782
 vvv cq 782 cq 782 cq 782
 hr hr 54 54 = =
 73579 3t569 45t33 32573 61444 89t32 42754 15379 8465t 13176
 21372 72778 98815 36t83 428t9 3t527 46529 7342t t9518 98237
 683t7 14325 16894 52488 15219 t3585 32154 4t744 16362 25863
 25378 21745 83433 73332 72835 th81 <pause>
 t t t t t <dashes>
 e e e e e e e e <dots>
 t6815 46879 6tt4t 52472 728tt 8296t 25124 48819 42647 88981
 42667 t5585 54933 526t8 2t487 33582 59282 72t21 91662
 ar ar
 rpt rpt
 vvv cq 782 cq 782 cq 782
 hr hr 54 54 = =
 73579 3t569 45t33 32573 61444 89t32 42754 15379 8465t 13176
 21372 72778 98815 36t83 428t9 3t527 46529 7342t t9518 98237
 683t7 14325 16894 52488 15219 t3585 32154 4t744 16362 25863
 25378 21745 83433 73332 72835 t6815 46879 6tt4t 52472 728tt
 8296t 25124 48819 42647 88981 42667 t5585 54933 526t8 2t487
 33582 59282 72t21 91662
 ar ar

<<<<<>>>>

::: M62

3486 kHz: Slovak Military, Trencin.

B3ET B3ET B3ET = RNJ5 RNJ5 RNJ5 + (1-10/10-10 and 1-11/10-11)
 J7XD J7XD J7XD = D3QK D3QK D3QK + (11-10/20-10 and 11-11/20-11)
 QR2U QR2U QR2U = KP6F KP6F KP6F + (21-10/31-10 and 21-11/30-11)

Best time to catch one of the very rare msg is around 0630 UTC.
 Sample: KP6F=QTC107=1 20 21 0831 107=QR2U=KP6F=5LGx20=for QR2U=KP6F

<<<<<>>>>

::: M89

The famous Chinese naval markers are still very much alive and kicking.

"V MW3D MW3D MW3D DE 2SLC 2SLC" on 7074 kHz
 "V BFR7 BFR7 BFR7 DE 4XML 4XML" on 5756 kHz
 "V 5J4I 5J4I 5J4I de YI4K YI4K" on 4770 kHz
 "V XY5V XY5V XY5V DE 4PPW 4PPW" on 4928 kHz
 "V GM3Z GM3Z GM3Z DE PNW9 PNW9" on 5635 kHz
 "V CP17 CP17 CP17 DE L9CC L9CC" on 3544.5, 7031.8, 7054.5, 7057.8,
 7059.7, 7063.8, 7072, 7080.7,
 7086.7 kHz

<<<<<>>>>

::: MX - CLUSTER BEACONS & CHANNEL MARKERS

Cluster beacons:

- D - 4557.7, 5153.7, 7038.7, 8494.7, 10871.7, 13527.7, 16331.7, 20047.7 kHz
- P - 8494.8, 10871.8, 13527.8 kHz
- C - 4558, 7039, 8495, 10872, 13528, 16332 kHz

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S - 5153.9, 8494.9, 10871.9, 13527.9, 16331.9, 20047.9 kHz
F - 13528.2, 16332.2 kHz
M - 13529.4, 16332.4 kHz

Cluster beacon "D" is reportedly also on spurious freqs 7000 and 7077.4 kHz, being 7038.7 kHz + and - 38.7 kHz. Odd.

Channel markers:

F - 8306 kHz
L - 3202.8 and 4424.5 kHz. Also heard on 5203.6 kHz.
P - 3167, 3291, 3649, 3699.5, 3877, 4043, 4050.8, 4476, 4550, 4828, 4899, 5982, 7000 kHz
R - 4325.8, 5465.8 kHz
V - 3658 kHz

-0-0-0-0-0-0-0-0-0-0-

* VARIOUS MODES *

::: M42

6262: Probably Dept. of State Comms. 2236 UTC. 21 Nov. End of transmission in CW: CFM QRV? K. NIL. GB 73 SK
10671: Russian intelligence. 1020 UTC. 16 Oct. BAUDOT 200.33Bd/500Hz. Auto broadcasting multi figure group message to recipient "118"
11063: Russian intelligence. 1340 UTC. 01 Nov. AM/MFSK-20/20Bd. Auto broadcasting 5 figure group message to recipient "842"
12196: Russian intelligence. 1015 UTC. 16 Oct. BAUDOT 200.33Bd/500Hz. Auto broadcasting multi figure group message to recipient "118"
13369: Russian intelligence. 0930 UTC. 01 Nov. AM/MFSK-20/20Bd. Auto broadcasting 5 figure group message to recipient "513"
13462: Russian intelligence. 0920 UTC. 01 Nov. AM/MFSK-20/20Bd. Auto broadcasting 5 figure group message to recipient "736"
14844: Russian intelligence. 0930 UTC. 01 Nov. AM/MFSK-20/20Bd. Auto broadcasting 5 figure group message to recipient "736"
14953: Russian intelligence. 0930 UTC. 01 Nov. AM/MFSK-20/20Bd. Auto broadcasting 5 figure group message to recipient "513"
14973: Dept. of State Comms, Moscow. 0733 UTC. 01 Nov. MFSK-32/CROWD36. Tfc to UNID embassy on link 00089, offline crypto not spaced as 5LGs.
18274: Dept. of State Comms, Moscow. 1030+1430 UTC. 01 Nov. MFSK-32/CROWD36 40Bd/10Bd. 5LG offline crypto to unlocated embassy after on link 00096.
20322: Dept. of State Comms, Moscow. 0822 UTC. 06 Nov. MFSK-32/CROWD36. Tfc to UNID embassy on link 10042, offline crypto not spaced as 5LGs.

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::: S28

From a usually well informed source, I received interesting info about UVB-76 (not UZB-76) a.k.a. "The Buzzer".

The exact location is 40 km North-west of Moscow, half-way between Zelenograd and Solnechnogorsk. The facility is being operated by the army. It is a communications hub of the General Staff of the army (Uzel Svyazi Generalnogo Shtaba Armii). Earlier notes that state that this station belongs to the Strategic Missile Troops are said to be incorrect.

The transmitter is a 15 kw "Molniya". The station is using a horizontal multi-wire dipole ""VGDSH". The antenna farm is near the village of Lozhki.

According to my contact this channel is part of a network that transmits coded orders to military units, civil defence objects and recruitment

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centers ("Voyenkomaty"). The recruitment centers reportedly monitor UVB-76 around the clock.

<<<<<>>>>

S28: The buzzer, buzzing away on 4625 kHz.

S30: The pip on 3756 kHz.

XM : Backward Music was heard on 5202 kHz.

XSL: Japanese navy modem a.k.a. "Slot Machine" on 4153, 4231.5, 4291, 6250, 6417, 6445, 8313, 8588, 8703.5 kHz

XSW: The squeaky wheel channel marker is a daily guest on 3828.9 kHz.

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::: JAMMERS

China: 9355, 9645, 9905, 9930, 11765, 12025, 13675, 15495, 15500, 15635, 15660, 15680, 17520, 17525, 17528, 17540, 17545, 21690 kHz.

Colombia: 6120 kHz.

Cuba "Havana gurgle": 670, 710, 6030, 7405, 9805, 11775, 11645, 13630, 13820, 14334, 18090 kHz.

Iran: 3875, 3880, 3885, 3915, 3927, 3940, 4250, 4277, 4365, 4375, 4380, 6240, 7490, 11520 kHz.

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* UNID STATIONS *

::: UNID "VWGZ" SOLVED

Unid VWGZ from N&O #69 has been identified by Tom. He writes: "That is Indian Navy, BNR means Bombay Naval radio and VWGZ is the collective call sign for all indian naval vessels, as far I as remember."

Thanks for the note, Tom. Here is the message again:

VWGZ ii nr bn 375/21 nr bn 375/21 ii zfg zfg
bnr 736/20 bnr 736/20 sjk sjk kan kan blo blo ii pp ii 20 1950
gr 86 gr86 = five one six nine juliet one seven three zero
6720 6984 4FG= gr 86 +

<<<<<>>>>

::: UNID OLDIE

Igor found an old recording in his archives. It was slow machine sent CW. It's a real odd one, Igor!

t n t t t te ad tt a u vh ttt
t n t t t te ad tt a u vh ttt
t n t t t te ad tt a u vh ttt
t n t t t te ad tt a u vh ttt
t n t t t te ad tt a u vh ttt
t n t t t te ad tt a u vh ttt
t n t t t te ad tt a u vh ttt

<<<<<>>>>

::: UNID CHINESE MILITARY(?) STATION

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Igor reports an unid Chinese station, probably military, on 10823 kHz at 0641 UTC on 15 Nov.

id nr tt8 time 143t =
comm / 1500 / 1xz268 / 67121 / 67081 67044 67084 / 03 ar
agn
id nr tt8 time 143t =
comm / 1500 / 1xz268 / 67121 / 67081 67044 67084 / 03
ar
id nr tt9 time 143t =
comm / 1600 to 1900 / 1xz279 / 67121 / 67179 / 03 ar
agn
id nr tt9 time 143t =
comm / 1600 to 1900 / 1xz279 / 67121 / 67179 / 03 ar
ar

<<<<<>>>>

::: UNID "544"

Another one from Igor. Copied on 5611 kHz at 0016 UTC on 18 Oct.
Machine sent CW.

544 544 544 (Repeated for 5 minutes)
= = =
ta6a3a4 ta6a3a4 (stopped)

Ideas anyone?

<<<<<>>>>

::: UNID "U34D"

Observed by Attu on 3421 kHz. Callsign: U34D.
This station transmits its callsign at the following times; h+50-h+00
and h+20-h+30 each hour.

Info is most welcome.

-0-0-0-0-0-0-0-0-0-0-

* MILITARY STATIONS *

::: CIS / RUSSIAN STATIONS

Freq.	QSX	Callsigns / remarks
18.1		RDL Krasnodar site
2241.6		4E1Y
2598		HVV5, PY2P: Ukranian Military
3207		6PMH, KXSB, EH3T
3217	3393	8TBB, EHWN, W2QU, PEY8, JEFW, ZRVD, WL1H, PUXF, 1YVZ
3229		N24Y, NIOJ
3354		ALDT, NTSN, PKAW, JZIG, PLPA, Y270
3364		MLOY, 2ICE, V82C, TLWP, DD90
3826		: Ukranian Military
3365		5FGs
3383		TP3R, NCC9, 1XS2, 2MWW
3700		RMD98: VVV XXX XXX RMD98 RMD98 tesni_eskat prowerka (not sure due to QRM)= (5FGs) ar
3775		ETVK: Ukranian Military
3826		Ukranian Military, callsigns: D9TF, DKY2, 7HZJ, IDT2, FX1B, O3NM, M5TM, IN1Q, H4H6, FC90
3893		JBX2, MKJR: Ukranian Military
3969	4471	QWWI, NE4N, L6SR, EJAP, M1A4, NROE
3981	4489	
4079		RMP: Russian Navy Kaliningrad. Circular to collective REO

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4179 REA4: Russian Air Force HQ, Moscow
4456 NRHU
4471 3969 W7LR, 7ZPN
4475 5FGS
4489 3981 PKT6, 2CKJ, QF2B, 9HAN, PR3K, SBTU, ZCDN, OZLN
4872 5376
5001 7WVD
5233 RJS Vladivostok wkg RGZ57
5376 4872 ZCDW, V2HF, ITTN, QGM9, S5LX, Q51C
5400 2UVH, OTPA, 9SIG
5444 RAL59: Russian Warship wkg RIT/HQ Baltic Fleet Severomorsk
simplex in enciphered Morse. VKVLVLMVMMLLMVVMMLLKKKVK.
Requested by RIT on 11155
6240 RJS Vladivostok clg RMUE each hour at h+15 min. Radio
checks + chatter.
6624 3IJG, IBJF
7080 RDL
7566 RCV: Russian navy wkg RIR96
7696 RFJ94: Russian Air Force Moscow wkg RJC38, RCH84 (Eastern
Sector HQ)
7859 LQOZ, OSTA, AILH, 8PXR, Z51M
11155 RIT: Russian Navy Baltic Fleet. RIS96 de RIT QAP K. Clg
RCJD, RLA88, RJK84, RAL59, RHY73, RMZW, RKW95

<<<<<>>>>

::: CIS NAVAY (RDL/RLO/RKS)
Compiled by Fritz.

1) Frequencies

Very active last October, much less in November, on the following
freqs: 18.1, 3548, 7657, 8076, 8136, 9044, 9224, 9346, 10155, 10535,
10672, 11468, 12741, 12832, 13032, 14411, 14664, 19257, 22864 kHz.
Up to 10 frequencies may be in parallel.

2) Fixed 24h transmissions

h+28, h+58 regular transmissions
h+08, h+18, h+38, h+48 infrequent transmissions
h+nn non routine transmissions
XXX messages are not sent at +n8 times, but in between.

3) Message formats

- a) Traffic in CIS F1B system T600, speed 36/50 Bd
- b) Dito, with XXX XXX in CW Morse as preface
- c) Traffic in CW Morse:
RDL RDL RDL 88732 32267 88732 32267 88732 32267 k
- d) Traffic in CW Morse:
XXX XXX RDL RDL 55998 53230 nitka 5313 7616 k
UUU as preface means routine.

The following XXX code words were observed in Oct/Nov:
ORLÄNKA BROSANJE TROJNÄG ADYGEJSKIJ UD LINENNYJ
BANKETNYJ UPONIE NITKA OLEJNICA NAJTOWYJ MOLODEVNYJ

4) Call signs and locations

According to Trond Jacobsen findings RDL is part of a VLF network
together with RLO and RKS. RDL on 18.1 kHz is active from Krasnodar,
Nizhny Novgorod, Arkhangelsk, Tashkent, Molodechno, Kaliningrad? and
Ryazan? RKS transmits from Murmansk? and RLO from Ryazan and St.
Petersburg?

Maybe the VLF transmitter sites of the BETA chain of TS stations
RJH63, RJH66, RJH69, RHJ77, RJH99 and RAB99 are used for RDL. There
is a connection between some BETA stations and CISN HQ in Moscow. In

the morning of October 20 RHJ77, RJH63, RJH69 and RJH90 in turn sent one short 4FG QTC with varying content to the Navy HQ RIW, which QSL'd.

I cannot decode T-600 messages. Therefore the following is based on CW t/c only. RDL is most often used, RLO and RKS very rarely. Three letter call signs seem to be of a high priority in CIS Ny. Apart from the HQs in Moscow (RIW), Sevastopol (RCV), Vladivostok (RJS), Severomorsk (RIT) and Kaliningrad (RMP) there are few others: RDL, RLO and RKS RCB (Naval Air Transport), REO (Ny collective c/s, used by the fleet HQs), RKT (Ny unid), RKZ (Ny collective c/s, used by the fleet HQs)

I have never heard „...de RDL(RLO RKS)“. Therefore I tend to believe, RDL, RLO and RKS are not senders, but addressees. RIP90, RGX94 and others are collective c/s for small units of maybe few vessels, REO and RKZ are used by the fleet HQs for the whole or major parts of a fleet and RDL, RLO and RKS may be used by Moscow HQ for important parts of forces, maybe beyond Ny. (In some publications RDL is referred to as „MIL, Moscow“ only, not „NY, Moscow“). Transmitter sites may be everywhere and I think RIT and RCV transmitters are used too.

5) RDL/RLO/RKS and CIS Ny beacons

There were exercises of the RUSN in the Mediterranean Sea in September and the joint exercises of USN and CISN („Northern Eagle“) in the North Atlantic in October. This may explain why CISN beacons and RDL stations were very active in October and November. RDL/RLO/RKS however had very little traffic in November. There is obviously no direct connection to the activities of the beacons or of the fleets. The next CISN exercises (anti-terrorist campaign with NATO in the Mediterranean Sea and Pacific exercises in December) will perhaps show more.

<<<<>>>>

::: JAPANESE STATIONS

6475 kHz, 0328 UTC, 24-11, 4-character groups.

```

~32t jr3m 9aj4 eu95 emam d719 la3k t0ip lbv9 nvu0
13qs krvu c57f k~3t v~0i jc4n v87m m8~4 bqnc s41c
~~~5 19d4 6j9s 3vq8 52ug kp9~ ods5 541u ~4e7 bcsa
gjh8 de~~ gk33 mp87 5c0a qlcj 063s ah25 ~kvd r~83
sqvr qcgg ~7t ja~~ ~4o2 0jq1 goaq k3m1 op2t 2oai
j0sm ~9o2 ~8~~ ~cpj 5mk1 a86u djdb i5g3 3s3i bp2~
7vk~ 49mm 0k3o g785 tk3h 1k79 5qmf ho15 qhok 653k
5bbb qntd jcgu r8gt av78 85r3 hc56 15~j .. <qrm>
~ugb n6oa h01a 7op0 vkn3 6o0f ~4~ tcra 2e3t qdtd
62md ekji 1jq1 13n9 j929 h95b up3s 9435 ifss 2n82
mlee j6eo 3gpf r29h krco 6amm ut06 uuj~ gfhg k6kn
0jc4 3g06 fe48 3972 dhn~ ha4h hhde 6e89 0pi1 ~ua8
~~~~ oefi ugo2 p~~d o~~~ bni~ ic81 851h em2g ~~~~
~nhn ~3f2 v80m o055 om82 8ii4 ~d8 unj~ pvun 5o4j
~l~~ 5u7p 9i44 ~gi3 qhn0 9197 ~~~k km4u inir 2jec
a7gj n~~~ ~ma 0pp6 rihs 6~um 86c1 tquf rut~ ~~~m
hod~ kntj 4h88 r8us kqgp lq~~ c24b cj~~ ~~~~ c0rd
hfo~ h8vo ~mc b4uf lmn2 avr9 8~~~ ~u40 ~jk ren9
4n~g o3if ~ld m7eh va2p tai3 edee 3r49 dun~ j9jn
3mbt 43pd 1bnq plkv ~tg0 au0c 4j89 ~56b d9hf 8nek
haaa b9he brof nt9n 7rno og0v 3p5h 3~~8 ppp1 1jsp
h0~~ ~p6 6lv~ lvi3 ecg2 6cp1 n90v 6ekn 7bca h0ie
qfc~ ~9hd cn~~ 7~tn euho ~v6o q~2s rn26 nsj~ ~~~v
m~jv m0po 7 bt
cp de jjf fb3 qru zic nr 0520 ar

```

(Observed by Igor)

-0-0-0-0-0-0-0-0-0-0-

* STASI *

The East German Ministerium für Staatssicherheit (MfS - STASI) was one of the most feared secret services in the world. The old head quarters are now a museum and I decided to visit it when I was in Berlin a couple of weeks ago. It felt a bit strange when I walked through the corridors of the building in the Normannenstrasse 22 in Berlin. I have been in both East and West Berlin on a number of occasions during the cold war and experienced the highly exaggerated security measures in the DDR. It is no wonder that the MfS was feared and hated at the same time.

The MfS was so hated by the East German population that in the winter of 1989 civil rights demonstrators spontaneously formed groups which occupied the offices of the MfS in various districts and sub-districts. On the afternoon of 15 January 1990 representatives of the Citizens' Committees from different districts, together with the Military State Prosecutor, took over the Buildings 2 (counter-intelligence) and 18 (provisions) in the Normannenstrasse.

The museum is a "must see" for everyone who is interested in intelligence and/or the cold war. You can buy a number of interesting books about the MfS and related organisations in the small museum shop.

Address:

10365 Berlin-Lichtenberg
Normannenstrasse 22, Haus 1
Einfahrt > Ruschestraße 103

Directions:

From Alexanderplatz
Underground - 5 (direction Lichtenberg and Hönnow)
up to U-Bhf. Magdalenenstraße

or:

S-Bahn (Ring) until Station Frankfurter Allee
250 m walking or change to U-Bahn

Related websites:

<http://www.MfS-museum.de/e-v1/e1a.html>
<http://www.bstu.de/home.htm>
<http://www.MfS-sprache.de/>

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* MEMORY LANE *

The Gulf exploded last week. Activity on the airwaves is at an all time high - and that includes Numbers transmissions. I've heard from many of you and other readers of the notable increase in Numbers broadcasts, in particular, Phonetic Alphabet Stations which are reportedly operated by the Mossad.

Here's a run-down on the various phonetic stations that have been heard by numerous contributors in recent days. I haven't included the times because these stations are running virtually around the clock! Check at 15 past and 15 before the hour for "channel markers". These typically broadcast the phonetic callsign and the number "Two". This appears to be an indicator that there is "no traffic" to pass. Others appear on the hour or on the half-hour with their traffic.

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Callsign	Frequency (kHz)
Charlie India Oscar	6745
	10125

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Echo Zulu India	17966
Juliet Sierra Romeo	6840
Kilo Papa Alpha	7540
Uniform Lima X-Ray	7445
Victor Lima Bravo	4881
	7605
	12950
Yankee Hotel Foxtrot	7918

(Havana Moon in his "Los Numeros" column for the A*C*E bulletin in February 1991)

-0-0-0-0-CONET-0-0-0-0-

THE WUN QSL CENTER
Deadlines: 15th of each month

John (J.D.) Stephens
P.O. Box 11522
Huntsville, AL 35814-1522, U.S.A.

E-Mail: jds1 "at" bellsouth .net

=====
Now that the DX season is in full swing, here's hoping that you are having great DX at your QTH. And, PLEASE report your QSLs to us here at the QSL Center so we can spread the word to your fellow WUNners.

In the column header above, you may notice something different in my e-mail address. Please note that my e-mail address has NOT changed. In an effort to cut down on SPAM, I have changed the text of my address as it appears in the column posted to the WUN website, simply replace "at" with the @ symbol, remove all spaces, and you have my address.

Now, on with the column ...

=====
RUSSIA: UDB2 - Kholmsk Radio. 12593 f/d ppc in 75 ds for rpt sent via registered mail. Kholmsk Marine Communication Ltd., 16 ul Pobedy str., Kholmsk 694620, Sakhalin Island, Russia. (AI)

UFL - Vladivostok Radio. 12591.5 f/d ppc in 30 ds. Address: Far Eastern Shipping Company, Vladivostok Radio - UFL, Chief of Radiotzentr, 15 u. 25 Oktiabria, 690019 Vladivostok, Russia. (AI)

SWEDEN: Gotland Radio. 2187.5 copy of RR, info, sticker in 5 ds for an e-mail rpt. (AI)

UNITED STATES: WGY904 - FEMA Station, Thomasville, GA. 10493 ltr (no other info provided). (MV)

BEACONS: LAA - Weeze-Laarbruch, Germany. 352 ppc and sticker in 28 ds. Address: Airport Niederrhein, Flughafen Niederrhein GmbH, c/o Leiter Betrieb + Technik, Flughafen-Ring 60, D-47652 weeze. (AI)

MY - Myggenes, Faroe Islands. 337 ppc in 108 ds. Address: Farvandsvaesenet, Faeroernes Fyrdistrikt, FO- 470 Eidi Faroe Islands, Denmark. (AI)

INTERNATIONAL WATERS: UCOL - Ekaterina Belashova. 16804.5 ppc in 44 ds.
Address: c/o NSC Arkhangelsk, 36, Nab. Severnoy
Dviny, Arkhangelsk, 163000, Russia. (AI)

VOXS - FSPO SeaRose. 16804.5 ppc, and 1tr in 17
ds. Address: c/o Husky Energy Inc., 707-8th
Avenue SW, Box 6525, Station "D", Calgary, AB
T2P 3G7, Canada. (AI)

LAQA5 - M/T Berge Danuata. 16804.5 ppc, and info
in 17 ds. Address: c/o The Green Tankers, Bergesen
d.y. Group, Drammensveien 106, P.O. Box 2800 Solli,
N-0204 Oslo, Norway . (AI)

OUTER SPACE: International Space Station. Very nice QSL cd for a school
contact of Dutch astronaut Andre Kuipers on 24 April at 0750
UTC (freq??). (AI)

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Abbreviations used:

f/d = Full data p/d = partial data n/d = no data
cd = QSL card 1tr = 1tr V/s: = Verification Signer
ds = ds wks = weeks ms = mint stamps
f/up = follow up SASE = Self-Addressed Stamped Envelope
PFC/ppc = Prepared Form Card

This month's contributors:

Max Von Arnhem - Netherlands (MW)
Andreas Ibold - Alpen, Germany (AI)

See you next time...

73 de JDS.

UTILITY ROUND-UP #####
Editor: Ary Boender e-mail: ary@luna.nl
Nickname on #WUNclub and #monitor: Ary-B

Last month I had to skip my UR column because I was way too busy being
on vacation and editing the new WUN CD.

It would be nice if we could include more info from Asian, Latin American
and Pacific voice or morse stations. If you have info or logs from these
regions, please send them to us.

"This month's historic utility radio facts" is a new item in this column.
I wanted to start last month but because there was no UR in October, I
have now included the historic facts of both October and November.

- 3 Oct 1938 Alec Reeves patents Pulse Code Modulation in France.
- 4 Oct 1957 Sputnik is launched from the Tyuratam launch site.
Sputnik was the first satellite ever launched. The sphere
was 58cm in diameter and was made of aluminum. The sat
weighed 83 kilos and had 2 transmitters and 4 antennas on
board. It transmitted during 21 days on 20.005 kHz and
40.002 kHz. The satellite decayed on 3 Jan 1958.
- 3 Nov 1957 Sputnik 2 is launched, carrying a dog named Laika.

- 15 Nov 1899 Transatlantic Times receives its first news via a wireless transmission.
- 22 Nov 1899 Marconi incorporates Marconi Wireless Telegraph Company of America.

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Interesting articles about the sunspot cycle predictions can be found on <http://science.nasa.gov/ssl/pad/solar/predict.htm>

The following one was published on 18-10 by the NASA.
Author: Dr. Tony Phillips

October 18, 2004: Six long years.

Solar physicist David Hathaway has been checking the sun every day since 1998, and every day for six years there have been sunspots. Sunspots are planet-sized "islands" on the surface of the sun. They are dark, cool, powerfully magnetized, and fleeting: a typical sunspot lasts only a few days or weeks before it breaks up. As soon as one disappears, however, another emerges to take its place.

Even during the lowest ebb of solar activity, you can usually find one or two spots on the sun. But when Hathaway looked on Jan. 28, 2004, there were none. The sun was utterly blank. It happened again last week, twice, on Oct. 11th and 12th. There were no sunspots.

"This is a sign," says Hathaway, "that the solar minimum is coming, and it's coming sooner than we expected."

"Contrary to popular belief," says Hathaway, "the solar cycle is not precisely 11 years long." Its length, measured from minimum to minimum, varies: "The shortest cycles are 9 years, and the longest ones are about 14 years." what makes a cycle long or short? Researchers aren't sure. "We won't even know if the current cycle is long or short--until it's over," he says.

I can recommend this excellent website for up-to-date solar and propagation info: <http://www.visi.com/~brainiac/solar/>

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* US NAVY SHUTS DOWN ELF SITES *

The US Navy has announced in a news release from the Public Affairs Office of the US Fleet Forces Command in Norfolk, VA that it will shut down the ELF (Extremely Low Frequency) transmitter sites near Clam Lake and Escanaba State Forest.

According to the spokesman "The Navy used the ELF system to maintain secure communications with submarines at sea. Improvements in the communications technology and the changing requirements of today's Navy made the ELF communications system no longer necessary. Each transmitter consists of antenna strung on hundreds of 40-foot poles across dozens of miles of forest. The Navy began using the \$400 million system in 1989. The annual operating costs for both ELF transmitters is \$13 million. Each site has one Navy worker and 27 civilian contractors. For future submarine communications, the Navy will rely on 12 worldwide VLF systems.

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* AFRICAN REPORT *

7005 kHz: Christian missions in Tanzania.

WUN-v10

Idents: Dodoma, Mbesa, Dar es Salaam, Mtwara, Tunduru, Masasi, Njoka, Songea, Semanga, Nachingwea.
Languages heard in the net: Kiswahili, German and English.

- 7022.5 kHz: Various agricultural estates in northern Tanzania.
Idents: Arusha, Naberera, KT, Poverty.
- 7023 kHz: Possibly a transport company. Also on 7318 kHz. Operates late into the evenings.
Idents: Dar es Salaam, Arusha, Morogoro, Nyanza, Songea, Kiloša?, Mpwapwa?, Iringa, Babati, Kartar Singh, Jita Singh, Lindi.
Languages heard on this net: Kiswahili, Hindi, Gujerati or Punjabi?
- 7050 kHz: Unid NGO net in Rwanda and possibly Uganda and Ethiopia.
Idents: A, AA, BB, J, K, D, DG, Kigali, GA, W, WA, 42, 54, 4A, 72, 691, 134, PW.
Languages used on the net: French, English, Italian.
- 7056 kHz: Daily guests. Callsigns: Maasai, Kalulu, Kuria, Kabojo, Lukula, Morogoro, Mahenge, Musoma, Mobile 1, Mobile 2.
Languages: English with a South African accent, Kiswahili and Afrikaans.
Possibly hunting or tourist camps, some in Selous Reserve area. Operates until late into the evenings.
Transmissions about administration, ordering stores and listing game killed.
- 7318 kHz: See 7023 kHz.
- 12000 kHz: Medical NGO. See 14000 and 14450 kHz.
- 14000 kHz: Unid medical NGO in Zaire, Sudan, Somalia and Uganda. There is also a definite connection with Kenya.
Also on 12000 kHz LSB and 14450 kHz LSB.
Idents: BI, ML, FM, SL, OK, Zero, Quarante, 95, KE, CC, CE, CJ, CM, Goma, JM, JK, CN, KT, JA,DK, KM, MM, DJ, BC, NI3, YL, AL, K1, NI, Mai Mai, YL, SV, Kasungu, NBI, JT, AR (Arua), Mobile.
Observed languages: English, Amharic, other vernaculars, Kiswahili and Dholuo, the last predominating.
- 14311 kHz: Unid Somali net. Phone paths.
Idents: Mogadishu, Boccaro, Hargeisa, Kampala, Nairobi?, Busia.
- 14450 kHz: Medical NGO. See 12000 and 14000 kHz.
- 21021 kHz: Missionary network in DR Congo, Burundi and Rwanda.
Also on 21041 kHz.
Idents: Kilo, Mike, Lima, Sierra.
Daily traffic heard between 1030-1400 UTC. Very active net.
- 21041 kHz: See 21021 kHz.
- 21150 kHz: Ukrainian peace keeping forces in Cote d'Ivoire. Heard at 1047, 1150, 1307 UTC.

(Sources: IARUMS; DARC Bandwacht)

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* ASIAN REPORT *

Many Indonesian CB-like transmissions were reported on 7000, 7020, 7060, 7083, 14000, 14030, 14100, 14105 and 14110 kHz.

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Fishing ships from Sri Lanka can be found on out-bander frequencies 2335.5, 3645, 3737, 7011, 7018, 7028, 7035, 7055, 7061, 7070, 7081.5, 7085.5, 7089, 14000, 14005.5, 14006, 14140 and 14141.5 kHz.

(Source: IARUMS)

-0-0-0-0-0-0-0-0-0-0-

* LATIN AMERICAN REPORT *

We received reports from Uruguay (Rod) and Argentina (Tony) for the Latin America section of this column.

4510.0: Police network from the Santiago del Estero province in Argentina. The messages were about criminal records.
4955.5: Bus stations in Tandil and Mar Del Plata.
4956.1: Retiro bus station (Buenos Aires) clg 243 and 543.
5006.5: Farm "El Puma", Argentina.
6840.0: Argentine Air Force Meteorological Service in Ezeiza collecting weather data from minors airports.
7700.0: Argentinean truckers.
8724.0: Argentinean farmers. Unid QTH. Chat abt cows.
10875.5: Argentinean truckers in northern Argentina.
10889.7: Argentinean truckers.
10910.0: Brazilian truckers in the south of Brazil.
10919.6: Brazilian truckers.
13231.0: Argentinean truckers in the south of Brazil.
14713.0: Chilean truckers in the south of Peru.
14750.0: Chilean truckers. Id "Mobil 54". N. Chile.
14763.0: Chilean truckers
14775.0: Chilean truckers
14790.0: Chilean truckers
14815.0: Chilean truckers
23197.9: Uruguayan Army Montevideo and Uruguayan forces in Bukavu (Congo). Phone patches.

-0-0-0-0-0-0-0-0-0-0-

* HF BEACONS *

Walter Capozza reports a large number of propagation beacons on 5195, 5290, 10144, 18110 and 28200-28300 kHz, plus several drift net buoys on 28180 (c/s AML), 28216 kHz (c/s DZ), 28246 kHz (c/s NM and L), 28261 kHz (c/s AML), 28281 kHz (c/s AML) and 28266 kHz (c/s MAL).

4095.55 Pirate beacon cluster. Callsigns W and I.

-0-0-0-0-0-0-0-0-0-0-

* AERO STATIONS *

I finally installed the commercial version of PC-HFDL and got it working on my new PC. The old one was too slow. I have linked the program with the Airnav Suite like I always do with VHF ACARS and yes... they are right, it really works :-). It is nice to see the aircraft moving across the ocean. Definitely an asset to the hobby.

A very nice website for aero dxers is
<http://homepage.ntlworld.com/airnet/airlinesbyc.html>

It lists the websites of hundreds of airlines. Many of them have downloadable schedules.

<<<<>>>>

14224 kHz: Observed at 0755, 0913 and 1225 UTC on 7+10 September.
Sudani 071, Sudani 241, Sudani 224 wkg Sudan Airways

Operations. (Source: IARUMS)

<<<<<>>>>

Herman Römer reported on 29 Oct that aircraft calls to Stockholm Radio were answered by the Swedish Navy. Stockholm Radio apparently suffered technical problems. Because of this selcall checks were not possible. (Received via BDXC mailing list)

<<<<<>>>>

Allen Fountain informs us about Sydney volmet:

"During July the transmitting site for this service changed from Sydney to a location near Brisbane, actually to the site of the former Telstra Maritime station VIB which went QRT on 1 July 2002. Transmit power is listed as 6KW. At the same time it would seem the ident was changed to Australian volmet from the former Sydney Volmet although the same voice synthesizer seems to have been retained. The Sydney transmitting site is being gradually phased out and all Airservices Australia HF services will be relocated by 2007.

<<<<<>>>>

::: RUSSIAN AERO NETWORKS

Syntax: "identification" (location)

- 5255 kHz: Primorskiy kray
 "Vladivostok" (Vladivostok)
 "Gidravlika" (?)
 "Peresloyka" (?)
- 5270 kHz: Far East (Primary freq: 5270 kHz. Secondary freq: 4110 kHz)
 "Vitok" (Khabarovsk)
 "Kulan" (Blagoveshchensk)
- 5745 kHz: Amurskaya oblast
 "Azarit" (Blagoveshchensk)
 "Bagrets" (Stoyba)
 "Buklya" (Gorny)
 "Vypal" (Ogodzha)
 "Karagach" (Bomnak)
 "Kukushka" (Zlatoustovsk)
 "Marinovka" (Zeya)
 "Paromny" (Ekimach)
 "Podokonnik" (Svobodny)
 "Statsionarny" (Tynda)
 "Yunga" (Fevral'sk)
 "Balkonchik" (?)
 "vygul" (?)
 "Disulfat" (?)
- 6656 kHz: Khabarovskiy rkay. Nikolaevskiy rayon
 Nikolaevsk
- 6692 kHz: Vladivostok Zonal'noe Komsomolsk-na-Amure Magadan
 Nikolaevsk Heglinka Okha Okhotsk Petropavlovs-Kamchatskiy
 Sovetskaya Gavan Khabarovsk Yuzhno-Sakhalinsk
- 6910 kHz: Khabarovskiy kray
 (Primary freq: 6910 kHz. Secondary freq: 4295 kHz).
 "Blaga" (Khabarovsk)
 "Arganit" (Chumikan)
 "Zyabliq" (Nel'jan)
 "Iskusitel" (Ayan)
 "Podkova" (Polina Osipenko)

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"Tatarnik" (Kherpuchi)
"Gidrant" (?)
"Mikada" (?)
"Podvizhka" (?)
"Skala" (?)
"Chizhik" (?)
"Emigrant" (?)

(Source: Petr Semenov Blagoveshchensk via "RUS-DX")

-0-0-0-0-0-0-0-0-0-0-

* SPACE COMMUNICATIONS *

Arianespace announced that Europe will send 50 tiny satellites into space in 2007 to mark the 50th anniversary of the launch of Sputnik, the world's first satellite. The 50 "nanosats," each one representing a different country, will be about one kilo apiece. Each will carry out a small scientific experiment for about two years on behalf of university researchers. The cluster of 50 will be launched in a single shot by an Ariane rocket.

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The AO-51 "ECHO" (catalog number 28375) is still testing. At the time of writing the following frequencies <500 MHz were being used:

Analog voice downlink: 435.300 MHz FM
Analog voice uplink: 145.920 MHz FM, 67Hz PL tone
Digital Downlinks: 435.150 MHz FM, 38k4 Digital, PBP, 1 watt output
Digital Uplink: 145.860 MHz FM, 9k6 Digital, Pacsat Broadcast Protocol(PBP)

Broadcast Callsign: PACB-11
BBS Callsign: PACB-12

Check out the Echo status page at: <http://www.amsat.org/amsat-new/echo/>

<<<<<>>>>

Mike Kingery (KE4AZN) has released TlmEcho to decode telemetry broadcast from Echo's digital downlink. TlmEcho is available at:

http://www.amsat.org/amsat-new/echo/tlm_decode.php

<<<<<>>>>

INTERNATIONAL SPACE STATION (ISS) - ARISS (catalog number 25544)

The packet digipeater is active at the time of writing.

Frequencies:

Worldwide packet uplink: 145.990 MHz FM
Region 1 voice uplink: 145.200 MHz FM
Region 2/3 voice uplink: 144.490 MHz FM
Worldwide downlink: 145.800 MHz FM
Repeater Uplink: 437.800 MHz FM
Repeater Downlink: 145.800 MHz FM
Doppler Shift is 10 KHz

Callsigns:

Russian callsigns: RS0ISS, RZ3DZR
USA callsign: NA1SS
Packet station mailbox callsign: RS0ISS-11
Packet station keyboard callsign: RS0ISS-3
Digipeater callsign: ARISS

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Satellite logs:

MHz	Station	ITU	Date	UTC	Remarks
136.5000	Nimbus 4	USA	31-10	1350	Doppler beacon
136.6500	Transit 5B5	USA	31-10	1134	Doppler beacon + data
137.2000	Orbcomm FM06	USA	31-10	0717	Data
137.2000	Orbcomm FM32	USA	31-10	0812	Data
137.2250	Orbcomm FM23	USA	30-10	2154	Data
137.2250	Orbcomm FM07	USA	31-10	0748	Data
137.2250	Orbcomm FM34	USA	31-10	0721	Data
137.3500	NOAA 16	USA	31-10	1415	Doppler beacon
137.4400	Orbcomm FM05	USA	31-10	0730	Data
137.5000	NOAA 15	USA	31-10	0557	APT - weather charts
137.5000	NOAA 12	USA	31-10	0531	APT - weather charts
137.6200	Orbcomm FM22	USA	30-10	2208	Data
137.6200	NOAA 17	USA	31-10	1119	APT - weather charts
137.6625	Orbcomm FM34	USA	31-10	1045	Data
137.6625	Orbcomm FM12	USA	31-10	0813	Data
137.6625	Orbcomm FM32	USA	31-10	0958	Data
137.6625	Orbcomm FM30	USA	31-10	1027	Data
137.6625	Orbcomm FM04	USA	31-10	0803	Data
137.7100	Orbcomm FM25	USA	30-10	2228	Data
137.7100	Orbcomm FM21	USA	30-10	2304	Data
137.7100	Orbcomm FM23	USA	30-10	2337	Data
137.7375	Orbcomm FM27	USA	30-10	2244	Data
137.7375	Orbcomm FM24	USA	30-10	2244	Data
137.7700	NOAA 17	USA	31-10	1119	Doppler beacon
137.8000	Orbcomm FM08	USA	31-10	0759	Data
145.8000	ISS		7-11	2146	Digipeater (1200bd packet)
149.9850	Oscar 31	USA	31-10	1137	Data
149.9850	Oscar 25	USA	7-11	2301	Data

-0-0-0-0-0- Thanks for your contributions -0-0-0-0-0-

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WUN LOGS COLUMN

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Nov 2004

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 Bob Yellen byellen250@charter.net
 Steve J. Walker stevew@bucks.net

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Slight dip to the number this month:-

Jan 2307
 Feb 1133
 Mar 1798
 Apr 326
 May 796
 Jun 1369
 Jul 781
 Aug 1037
 Sep 2540
 Oct 2947
 Nov 2219

00011.9 Krasnodar: RUS, 0050, CW, ALPHA pulses, 03/10/2004 (CK)
 00011.9 Krasnodar: RUS, 1815, CW, ALPHA pulses, 30/9/2004 (CK)
 00011.9 Unid: (Murmansk?), RUS, 0050, CW, ALPHA pulses,

03/10/2004 (CK)
00012.6 Krasnodar: RUS, 0050, CW, ALPHA pulses, 03/10/2004 (CK)
00012.6 Krasnodar: RUS, 1815, CW, ALPHA pulses, 30/9/2004 (CK)
00014.9 Unid: (Murmansk?), RUS, 0050, CW, ALPHA pulses,
03/10/2004 (CK)
00014.9 Unid: (Revda or Seidi), RUS, 0050, CW, ALPHA pulses,
03/10/2004 (CK)
00016.4 JXN: Helgeland, NOR, 1950, F1B, NATO COMSUBLANT bcst,
30/9/2004 (CK)
00018.1 RDL: Russian Military 1428 36-50/50/65 1 message. Via
Krasnodar VLF Site. (14Nov04) (RGA)
00018.1 RDL: Russian Military 1550 36-50/50/65 At least 3 messages.
Via Krasnodar site. (21Oct04) (RGA)
00018.1 RDL: Russian Military 1555 36-50/50/65 Active but poor. Site
undetermined. (18Oct04) (RGA)
00018.1 RDL: Russian Ny Krasnodar, 1950, F1B (Bee/36-50), w/ occ.
F1A (FSK morse code), 30/9/2004 (CK)
00019.6 GQD: RN Anthorn, G, 1607, F1B, NATO COMSUBLANT bcst,
30/9/2004 (CK)
00020.4 ICV: Tavorara Naval, I, 1616, F1B, NATO fleer bcst,
30/9/2004 (CK)
00020.9 HWU: LeBlanc Naval, F, 1608, F1B, 30/9/2004 (CK)
00022.1 Unid: 0145, F1B, 03/10/2004 (CK)
00022.1 Unid: unknown mil bcst, 1947, F1B, 30/9/2004 (CK)
00022.5 unid: 0724 continuous sound. sig = 2/10 .any idea??
Oct03 04 ML
00023.4 DHO38: Bundesmarine Saterland-Ramsloh, D, 0035, F1B,
03/10/2004 (CK)
00023.4 DHO38: Bundesmarine Saterland-Ramsloh, D, 1609, F1B,
30/9/2004 (CK)
00024.0 NAA: USN Cuttler, MA, USA, 0031, F1B, (weak),
03/10/2004 (CK)
00037.5 NRK: USN Keflavik, ISL, 0029, F1B, 03/10/2004 (CK)
00037.5 Unid: poss. USN Keflavik, ISL, 1723, F1B, 0/9/2004 (CK)
00040.7 Unid: poss GXH USN Thurso, G, 0248, F1B, 01/Oct/2004 (CK)
00045.9 NSY: USN Niscemi, I, 1614, F1B, 30/9/2004 (CK)
00049.0 SXA: HN Marathon, GRC, 2015, unid FSK mode, 30/9/2004 (CK)
00051.9 GYW1: RN Crimond, G, 0232, F1B, fleet bcst,
01/Oct/2004 (CK)
00053.4 TBG: TDK Canakkale, TUR, 0025, F1B, (strong),
03/10/2004 (CK)
00053.5 TBG: TDK Canakkale, TUR, 1610, F1B, 30/9/2004 (CK)
00057.4 NRK: USN Keflavik, ISL, 0017, F1B, 03/10/2004 (CK)
00058.5 unid: 0731 continuous sound. sig = 1/10 .any idea??
Oct03 04 ML
00060.0 MSF: BTRS Rugby, G, 0022, CW, time signal, (strong),
03/10/2004 (CK)
00060.0 MSF: BTRS Rugby, G, 1659, CW, time signal, good signal
stength, 1/Oct/2004 (CK)
00060.0 MSF: BTRS Rugby, G, 1659, CW, time signal, Tx in maintenance
during daytime, 30/9/2004 (CK)
00062.5 unid: 0759 ascii-1 ??? 300bd .any idea? Oct03 04 ML
00062.6 FUB: FrenchNy Paris, F, 0245, F1B, 01/Oct/2004 (CK)
00065.8 FUE: Brest Naval, F, 0017, F1B, 03/10/2004 (CK)
00065.8 unid: 0803 ?? 200bd any idea Oct03 04 ML
00066.7 RBU: Moscow, RUS, 0053, A0, std. freq., very weak,
03/10/2004 (CK)
00068.0 GBY20: ? RN 0809 ITA2/50/75 encrpted Oct03 04 ML
00075.0 HBG: Neuchatel, SUI, 1942, CW, time signal, 30/9/2004 (CK)
00075.0 HBG: nyon ts 0818 Oct03 04 ML
00077.5 DCF77: mainfligen ts 0825 Oct03 04 ML
00077.5 DCF77: Mainflingen, D, 1945, CW, time signal, 30/9/2004 (CK)
00081.0 unid: 08210ITA/50 enc Oct03 04 ML
00082.8 MKL: RAF 0910 ASCII ?? / 75 Oct31 04 ML
00082.8 MKL: RAF Northwood (TX site?), G, 0239, F1B,
01/Oct/2004 (CK)
00135.7 SXV: HN Marathon, GRC, 1612, F1B, 30/9/2004 (CK)
00139.1 DCF39: Magdeburg, D, 0243, F1D, ASCII bursts,

01/oct/2004 (CK)
00145.0 Unid: poss. Toulon Naval, F, 1810, F1B, 30/9/2004 (CK)
00147.3 DDH47: Deutsche wetterdienst via Pinneberg 1432 RTTY/50/85
Sea states in EE. (14Nov04) (RGA)
00147.3 DDH47: DWD Pinneberg 1530 RTTY/50/80 CQs and RYs.
(SkySweeper tests). (03Nov04) (RGA)
00147.3 DDH47: DWD via Pinneberg 1545 RTTY/50/85 Seewetterbericht
fuer die Ostsee. (18Oct04) (RGA)
00147.3 DDH47: hamburg met ITA2/50 east sea wx bulletin Oct31 04 ML
00147.3 DDH47: Pinneberg, D, 1910, RTTY 50/85, marine meteo followed
by meteo code (SYNOP) messages, 0/9/2004 (CK)
00490 : CROSS La Garde France 2301 NAVTEX (15Nov04) (WC)
00490 GNI: NitonRadio (T) 2310 2310 NAVTEX MIBs in French.
(SkySweeper tests). (02Nov04) (RGA)
00490.0 Constanta Radio: 0151 navtex ZCZC LE55 CONSTANTA RADIO /1
OCTOMBRIE2004 18:00 UTC BULETIN METEO PTR V.MARII NEGRE
12Okt04 (wp3)
00490.0 CROSS Corsen: 0443 navtex ZCZC EA49 231640 UTC SEP 04 NOUS
INFORMONS TOUS LES NAVIRES AUXQUELS S~APPLIQUENT LES
QISPOSITONS
12Okt04 (wp3)
00490.0 CROSS Toulon: 0300 navtex ZCZC SL74 081500 UTC OCT 04 AZUR
TRAVAUXSOUS-MARINS PAR ~TETHYS II~ DANS LES ZONES SUIVANTES
: LES 11
ET 12 OCT 04 12Okt04 (wp3)
00490.0 gpk: Portpatrick Radio 0420 navtex ZCZC CB17 CB17 ISSUED BY
MET OFFICE ABERDEEN ON TUESDAY 12 OCTOBER 2004, 04:40
12Okt04 (wp3)
00490.0 tah: Istanbul Radio 0009 navtex ZCZC BA21 3196 UTC SEP 04
ISTANBUL TURK ADIO V BUVBIR TEST MESAJIDI CDDENIZCLERE
DUYUJLUR
TEST TES TEST INNN 12Okt04 (wp3)
00518 : AugusaRadio Italy 2332 NAVTEX (15Nov04) (WC)
00518 : Cabo de la Nao Radio Spain 2352 NAVTEX Very weak.
(15Nov04) (WC)
00518 : CagliariRadio Italy 2315 NAVTXT (15Nov04) (WC)
00518 : CROSS La Garde (W) 2340 NAVTEX weather. (02Nov04) (RGA)
00518 : CROSS La Garde France 2340 NAVTEX (15Nov04) (WC)
00518 : IzmirRadio Turkey 1721 NAVTEX Fair. (16Nov04) (WC)
00518 : RomaRadio Italy 2257 NAVTXT (16Nov04) (WC)
00518 : SplitRadio HR 1440 NAVTEX (16Nov04) (WC)
00518 : TriesteRadio Italy 2322 NAVTEX Very strong. (15Nov04) (WC)
00518 CTV: MonsantoRadio (R) 2251 NAVTEX MIBs. (02Nov04) (RGA)
00518 CTV: MonsantoRadio (R) 2338 NAVTEX MIB for missing yacht.
(02Nov04) (RGA)
00518 EJM: Malin Head Radio (Q) 2240 NAVTEX weather.
(02Nov04) (RGA)
00518 ESA: TallinRadio (U) 2321 NAVTEX Scandinavian MIBs.
(02Nov04) (RGA)
00518 GPK: PortpatrickRadio (O) 2209 NAVTEX with a gale warning.
(02Nov04) (RGA)
00518 GPK: PortpatrickRadio (O) 2220 NAVTEX weather and MIBs.
(02Nov04) (RGA)
00518 IQX: TriesteRadio (U) 2320 NAVTEX MIBs. (02Nov04) (RGA)
00518 LGD: OrlandetRadio (N) 2210 NAVTEX No message on hand.
(02Nov04) (RGA)
00518 LGP: BodoRadio Norway (B) 2038 NAVTEX weather. Stepped on
by Niton at 2041z. (13Nov04) (RGA)
00518 OST: OostendeRadio (M) 2200 NAVTEX MIBs mainly Dover Strait.
(02Nov04) (RGA)
00518 OST: OostendeRadio (T) 1910 NAVTEX weather and MIBs.
(13Nov04) (RGA)
00518 PBK: Netherlands CG Den Helder (P) 2230 NAVTEX MIBs
(02Nov04) (RGA)
00518 TFA: ReykjavikRadio (R) 2250 NAVTEX weather. QRM from
Monsanto. (02Nov04) (RGA)
00518.0 4xo: Haifa Radio 0010 navtex ZCZC PA47 4958,3 020020 UTC
OVT04 HAIFARADIO RXO 002570 REF N 11 &~ 049'3:5 01.10.044AT

WUN-v10

0800 IN POSN: SEA HORIZON VKLA BRGE) : 3231N 3450E CANYON
HORIZON (BERY BARGE) : 3235N 3453E PLS KEEP A SAFETY
DISTANCE. NNNN 020kt04 (wp3)

- 00518.0 9as: Split Radio 2240 navtex ZCZC QA33 011440 UTC JUL
SPLITRADIO/9AS: NAV WNG NR 0154-COASTAL-NAVTEX ADRIATIC
SEA, CHART:101 FROM JULY 1ST 2004 AT 0001 LT FOR ALL
CROATIAN PORT SECURITY LEVEL-1 (ONE). 010kt04 (wp3)
- 00518.0 9hd: Malta Radio 0216 navtex ZCZC OA75 281700UTC SEP 04
MALTARADIO WNG NR530 TUNISIA RED SECTOR OF CAPE SERRAT LIGHT
HOUSE IN PSN 37-13.9 PPOAQWYME UNLIT NNNN 020kt04 (wp3)
- 00518.0 A9M: BHR FEC Hamala / BA97 BAHRAINRADIO/A9MJM (CSn) 8/nov/04
- 00518.0 Barcelona Radio: 2248 navtex ZCZC XA45 01 0636 UTC OCT 04
COASTAL WARNING NR/2392/2004 ROUTINE BALEARES ISLANDS
MALLORCA ISLAND.-SEARCH AND RESCUE EXERCISES, INCLUDING
FLARES LAUNCHING, ON DAYS 04TH, 05TH AND 06TH OCT 04, FROM
0400 UTC TILL 1730 UTC, 010kt04 (wp3)
- 00518.0 Cherbourg AVURNAV: 0139 navtex ZCZC KA71 AVURNAV CHERBOURG
159 WIGHT- NORTH COTENTIN HEADLAND AREA CLOSED TO SHIPPING
ESTABLISHED FROM 30 SEPTEMBER TO 30 OCTOBER 2004 WITHIN 500
METERS OF VESSELS ~~PACIFIC PINTAIL~~AND 020kt04 (wp3)
- 00518.0 CROSS Corsen: 2359 navtex ZCZC AE89 020000 UTC OCT 04 BAY OF
BISCAY BULLETIN (METAREA 2) METEO-FRANCE FRIDAY 1 OCTOBER
2004 AT 21 UTC. WIND IN BEAUFORT SCALE 1 : NO WARNING. 2 :
GENERAL SYNOPSIS, FRIDAY 1 AT 12 UTC 3 : FORECASTS TO
010kt04 (wp3)
- 00518.0 CROSS La Garde: 2119 navtex ZCZC WL78 241941 UTC SEP 04 TTT
AVURNAVTOULON 734/04 AZUR FROM 30 SEP TO 05 OCT 04
UNDERWATER OPERATIONS BY~~TETHYS II~~ IN WDEA BOUNDED BY :
43-43.2N 007-24.4E - LA COTE - 43-27.0N 006-55.0E- 43-20.0N
006- 010kt04 (wp3)
- 00518.0 ejm: Malin Head Radio 2230 navtex ROUTINE 012238 UTC OCT 04
MALIN HEAD RADIO EJM NAV 000360 HIGH SEAS BULLETIN FOR
METAREA 1 ISSUED AT 2000 ON FIRDAY 01 OCTOBER 010kt04 (wp3)
- 00518.0 gcc: Cullercoats Radio 0100 navtex ZCZC GE09 EXTENDED
OUTLOOK SUNDAY TO WEDNESDAY ISSUED BY THE MET OFFICE AT
012300 UTC DEEP LOW NORTHWEST OF THE UNITED KINGDOM WILL
MAINTAIN STRONG TO
GALE FORCE SOUTH OR SOUTHWEST WINDS, 020kt04 (wp3)
- 00518.0 gni: Niton Radio 0040 navtex ZCZC EB64 GALE WARNING FRIDAY
01 OCTOBER 2152 UTC SOLE GALE NOW CEASED LUNDY SOUTHWESTERLY
GALE FORCE 8 EXPECTED SOON NNNN 020kt04 (wp3)
- 00518.0 gpk: Portpatrick Radio 0220 navtex ZCZC OA61 NAVAREA ONE 350
NAVAREA ONE MESSAGES IN FORCE AT 011000Z OCT 04: 2001
SERIES: 510. 2003 SERIES: 261 417. 2004 SERIES: 220 222 240
242 255 257 281 301 303 313 314 316 317 319 325 327 332 338
345 346 347 348 349 350. NOTES: 020kt04 (wp3)
- 00518.0 Grimeton Radio: 0030 navtex ZCZC DA46 301514 UTC SEP DANISH
NAV WARN186 KATTEGAT - HATTER BARN SHIP GROUNDED 55-54N
010-50E. CAUTION ADVISED NNNN ZCZC DA33 281117 UTC AUG
DANISH NAVIGATIONAL WARNING 155 KATTEGAT - DYBE RENDE
020kt04 (wp3)
- 00518.0 iar: Rom Radio 2250 navtex ZCZC RA21 012250 UTC OCT 04
COASTALWARNING NR. 366 SEP 23 LIGURIAN SEA - LA SPEZIA -
AREA S.701 ALFA BOUDED BY FOLLOWING POINTS: A. 44 02 00N0 -
009 25 40E0 B. 44 06 00N4 - 009 33 00E5 C.43 53 00N5 -
009 46 00E9 010kt04 (wp3)
- 00518.0 idc: Cagliari Radio 2318 navtex ZCZC TD03 012310 UTC OCT 04
MAYDAY ALERT THERE IS A SMALL BOAT WITH ENGINE OUT OF ORDER
AND ADRIFT AT ABOUT 80 MILES SOUTH LAMPEDUSA ISLAND, WITH
30 PERSONS ON BOARD. PLEASE KEEP A SHARP LOOK-OUT AND REPORT
ANY SIGHTING AT IMRCC ROME AT FOLLOWING 010kt04 (wp3)
- 00518.0 iqa: Augusta Radio 2330 navtex ZCZC VA32 012330 UTC OCT 04
COASTALWARNING NR. 722 SET 30-2004 LOW ADRIATIC SEA-LECCE.
PERMANENT FIRING ZONE TORRE VENERI DELIMITED BY FOLLOWING
POINTS: A) 40 25 31N - 18 15 30E B)40 30 20N - 18
16 30E 010kt04 (wp3)
- 00518.0 iqx: Trieste Radio 2324 navtex ZCZC UA05 012320 UTC OCT 04
COASTALWARNING NR.113 FEB 12-2004 (58 REPETITION) SOUTH

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ADRIATIC SEA - MONOPOLI. IN POSITION 41 18N - 017 48E HAS BEEN POSITIONED ONE OCEANOGRAPHIC BUOY BUT ACTUALLY ADRIFT. 010kt04 (wp3)

00518.0 Izmir Turk Radio: 0128 navtex 211417 SEP 04 IZMIR TURK RAI0 NAVTEX N/V NR: 423/04 1) FIRING PGACTICE BETWEEN 24-29 SEP.AND 04-09 OCT. 04 FROM 05.00Z TO 18.00Z IN THE IN THE AREA BOUNDED BY AEGEAN SEA - GULF OF SAROS 020kt04 (wp3)

00518.0 lgp: Bodö Radio 0010 navtex ZCZC BE26 01220 UTC OCT 04 NORWEGIAN WEATHEK FZ EJST HIGH SEA 65 O 80N FRECD50 VALID FOR NUT 24 HODS GALE ORSTO SNO 020kt04 (wp3)

00518.0 lzw: Varna Radio 0132 navtex ZCZ JA70 2130 UTC SEP 05 VARNA RADIO NAVAN 363/04 SOUNDING PLATFORM WAS STATONARY N 18.092004 IN POSITION 020kt04(wp3)

00518.0 ost: Oostende Radio 0200 navtex ZCZC MA44 251416 UTC SEP ; WZ 1168 ENGLAND, EAST COAST. THAMES ESTUARY. SURVEY OPERATIONS IN PROGRESS BY HM VESSELS BANGOR AND GRIMSBY WITHIN MAIN CHANNELS BETWEEN SEA REACH 1 BUOY 51-29.4N 000 020kt04 (wp3)

00518.0 oxz: Lyngby Radio 0120 navtex ZCZC JA56 012111 UTC OCT DANISH NAV WARN 189 WESTERN BALTIC. FEHMARN BELT. THE WESTERLY YELLOW LIGHTBUOY SHOWING 5 WHITE FLASHES EVERY 18 SEC IN PSN 54-36.0N 011-08.7E IS UNLIT. NNNN 020kt04(wp3)

00518.0 pbk: Netherlands Coastguard 2236 navtex NAVIGATIONAL WARNING PR4 251320UTC SEP 010kt04 (wp3)

00518.0 SUZ: EGY FEC Serapeum / CHART 2374:RIG BENNEVIS IN.(CSn) 8/nov04

00518.0 svl: Limnos Radio 0150 navtex ZCZC LA48 211910 UTC SEP 04 LIMNOS RADIO NAVWARN 181/04 NORTH AIGAI0 SEA - THERMAIKOS GULF. KASSANDRA POINT LIGHT (E 440) (5 39 58N - 023 22E UNRELIABLE. NNNN 020kt04 (wp3)

00518.0 TAF: TUR FEC Samsun / PART-1: NO GALE WARNING. (CSn)8/nov/04

00518.0 tah: Istanbul Radio 0026 navtex ZCZC DE76 2004-10-02 05:17:28 ISTANBUL TRK RADIO PART1:GALE WARNING PART2: SYNOPSIS OF SURFACE WEATHER PHART 011800 UTC HIGH PRESSURE AFFECTING TO ALL AREAS PART3: FORECAST FOR 24 HOURS FOR DANUBE 020kt04 (wp3)

00518.0 tal: Antalya Radio 0047 navtex ZCZC FAJU0 81-1UTC SE 04 ANTALYA TURK RADIO NAVTKX N6W NRKCRETXPR 1) 7!848,& 04-:5,:3799 (\$,6 CTGXQLLF70/" 9 Z INXHE IGOKNRYH DLCOK MEDTERDNEAN SARUA~9 '3:0337)3!" :3-71 -4230 ZCZC FAJRT 201200 UT SEP 04 020kt04 (wp3)

00518.0 TAL: TUR FEC Antalya / PART-1: NO GALE WARNING, (CSn) 8/nov/04

00518.0 udn : Novorossiysk Radio 1901 navtex ZCZC AA40 090700 UTC OCT 04 COASTAL WARNING NOVOROSSIYSK 68 RUSSIA 1. NAVIGATION 230kt04 (wp3)

00518.0 udn: : Novorossiysk Radio 1901 navtex ZCZC AA40 090700 UTC OCT 04 COASTAL WARNING NOVOROSSIYSK 68 RUSSIA 1. NAVIGATION 230kt04 (wp3)

00518.0 udn: Novorossiysk Radio 2300 navtex COASTAL WARNING NOKOLOSIYK 60 7~8 MISSILE FIRNG EXERCISES 21 TU 25 AND 2) THRU 30 "30 01 AND &2 OCT 0200 TO 120) ,-'&-8 5MVORARLY PROHIBITED TERITRLA WATEOZ AN DANGEROUS OUTSIDE IN LAKAUNDEBBTYMJN52 010kt04 (wp3)

00518.0 UTT: UKR 1915 CL83 Ukraine coastal warning 656/04 Odessa 21sept04

01101.0 RFPN: port navy 0729 ITA/75 encrypted Oct24 04 ML

01143.9 T7Z101: (7/101st Avn, Ft Campbell KY): 2125 USB/ALE sounding. Also sounding on 08171.5. 17/10 RP3

01734 OXZ: LyngbyRadio DNK 1942 USB YL with navigational warnings in EE and Danish. (21Oct04) (RGA)

01764.0 la coruna: 0725 USB om Oct17 04 ML

01916.7 Kuewaz Nordsee: 1900 Sitor-ARQ/100Bd WX Rep frm Ger. WX Serv. (02/OCT/04) (KK)

02182.0 Canadian Coast Guard, Sept-Iles, Quebec: 0438 USB w/identification broadcast in EE & FF. 11/10 RP3

02187.5 ---: SHIP UNID 0127 DSC 100/E/170 Distress call (twice - once corrupt/once error free). MMSI 304010747

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(unlisted ITU). Undesignated type. Posn 41.40N 32.11E
(29/Oct)(DW)

- 02187.5 247199000: unid ship 0019 USB/GMDSS to Lyngby Radio for safety purpose (17-oct-2004)(MSM)
- 02187.5 247444000: unid Ship 2259 USB/GMDSS to Lyngby Radio for safety purpose (17-oct-2004)(MSM)
- 02187.5 255831000: unid ship reg. Madeira 0239 USB/GMDSS to Lyngby Radio for safety purpose (17-oct-2004)(MSM)
- 02187.5 304030450: unid Ship reg.in Antigua and Barbuda 0148 USB/GMDSS to Lyngby Radio for safety purpose (17-oct-2004)(MSM)
- 02187.5 311393000: unid ship reg. Bahamas 0207 USB/GMDSS to Lyngby Radio for safety purpose (17-oct-2004)(MSM)
- 02187.5 3FEI6: Panamanian-flagged Vessel Agean Leader 1841 GMDSS RQs Bremen Rescue Radio for safety test giving VHF working channel 99999 (??) (14Nov04) (RGA)
- 02187.5 3FPP: Panamanian-flagged Vessel Alexa 1725 GMDSS Sends routine j3E telephone RQ to himself (?) (04Nov04) (RGA)
- 02187.5 468310000: unid syrian ship 0037 USB/GMDSS to SVO for safety purpose (17-oct-2004)(MSM)
- 02187.5 9HEE5: maltese ship "Berg" 0351 USB/GMDSS to Lyngby Radio for safety purpose (17-oct-2004)(MSM)
- 02187.5 9HET6: maltese ship "Michael S" 2354 USB/GMDSS to Lyngby Radio for safety purpose (17-oct-2004)(MSM)
- 02187.5 9HNO7: maltese ship "Sinova" 0046 USB/GMDSS to maltese ship 9HQF7 "Avor" for routine j3e comms on 16543kHz (17-oct-2004)(MSM)
- 02187.5 9HRO7: Maltese-flagged Vessel Cool Aster 1910 GMDSS RQs CROSS Corsen France for safety test. Corsen BQs. (04Nov04) (RGA)
- 02187.5 : MRCC Falmouth 1823 GMDSS RQs ELXG6/Liberian-flagged Vessel Braveheart for safety test. Ship RQs. Strange! (14Nov04) (RGA)
- 02187.5 : MRCC Las Palmas CNR 1719 GMDSS CQ for urgency traffic on 2182 kHz. (SkySweeper tests). (04Nov04) (RGA)
- 02187.5 : MRCC Las Palmas/Teneriffe 1904 GMDSS CQ all ships preliminary call for voice safety broadcast on 2182 kHz. (14Nov04) (RGA)
- 02187.5 : MRCC Tarifa/Almeria 2124 GMDSS CQ call for voice safety broadcast on 2182 kHz. (12Nov04) (RGA)
- 02187.5 : MRCC Tenerife/Las Palmas 2014 GMDSS All ships preliminary call for voice safety broadcast on 2182 kHz. (05Nov04) (RGA)
- 02187.5 : MRCC Turku FIN 1844 GMDSS RQs unknown MMSI 002301000 for a safety test. (14Nov04) (RGA)
- 02187.5 : MRCC Valencia/Almeria SPA 1951 GMDSS All ships preliminary call for safety bcast on 2182 kHz voice. (14Nov04) (RGA)
- 02187.5 : MRSC Aberdeen Scotland 2007 GMDSS RQs NordeichRadio/DAN for safety check. Then RQs RogalandRadio Norway/LFI for safety check. (18Oct04) (RGA)
- 02187.5 : Unlisted Russian Ship 1921 GMDSS RQs Russian ship Koulonga/UGMW for duplex telephone call on 4666.3/4222.2 kHz. (22Oct04) (RGA)
- 02187.5 C6LU3: Bahamas-flagged vessel Albemarle Island 1803 GMDSS RQs sister ship Charles Island/C6JT for simplex telephone call on 2180 kHz. (04Nov04) (RGA)
- 02187.5 C6MQ5: bahamese ship "Silver Cloud" 0412 USB/GMDSS to Cape Town Radio for safety purpose (17-oct-2004)(MSM)
- 02187.5 C6PR3: Bahamas-flagged vessel Mango 1841 GMDSS RQs OostendeRadio/OST for safety test. OST BQs. (04Nov04) (RGA)
- 02187.5 CAMSLANT: Chesapeake 0220 USB/GMDSS to chinese ship BOAI "Teng He" for safety purpose (17-oct-2004)(MSM)
- 02187.5 EI3259: Irish FV Jacob 1925 GMSS RQs Atlantic Fisher/EI6277 for duplex telephone call on 2176.6/2167.7 kHz. (18Oct04) (RGA)
- 02187.5 EI6008: Irish FV Golden Feather 1937 GMDSS RQs

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Atlantic Fisher/EI6277 for telephone conversation on 2743.5/2734.5 kHz. EI6277 BQs. Later Atlantic Fishers RQs Tannetje/ EI4835 for a simplex telephone call on 2350 kHz. (18Oct04) (RGA)

- 02187.5 ELWF2: Liberian-flagged ship Altair 1932 GMDSS RQs LyngbyRadio/OXZ for safety test. (22Oct04) (RGA)
- 02187.5 GJBL: British Vessel Viking Sentinel 1935 GMDSS RQs RogalandRadio/LFI for safety check. LFI BQs. (14Nov04) (RGA)
- 02187.5 HORB: panamese ship "Hickory" 0435 USB/GMDSS to ship "Barents Bay" J8B2081 for routine j3e comms on 06267.0kHz(17-oct-2004)(MSM)
- 02187.5 IAR: RomeRadio 1943 GMDSS BQs Norwegian ship Trans Sund/LAIV5 for safety test and giving frequencies 2182/2182 kHz. (?) (22Oct04) (RGA)
- 02187.5 IAR: RomeRadio 2159 GMDSS BQs safety test from Liberian-flagged vessel Ming Equality/A8BR5. (12Nov04) (RGA)
- 02187.5 IAR: RomeRadio 1947 GMDSS CQ preliminary call for safety broadcast on 2182 kHz. (22Oct04) (RGA)
- 02187.5 LAOS5: norwegian ship "Autostar" 0002 USB/GMDSS to Lyngby Radio for safety purpose (17-oct-2004)(MSM)
- 02187.5 LAMP5: Norwegian Ship Vasterbotton 1921 GMDSS RQs LyngbyRadio/OXZ for safety test. BQd by Lyngby. (18Oct04) (RGA)
- 02187.5 LFI: RogalandRadio NOR 1805 GMDSS BQs Norwegian ship Tarnsjo for safety test. (04Nov04) (RGA)
- 02187.5 LFI: RogalandRadio Norway 1733 GMDSS sends geographical CQ call to ships in area 60-63N 000-007E with frequencies Rx-1692 Tx-2117 kHz. (04Nov04) (RGA)
- 02187.5 LGL: FloroRadio NOR 1931 GMDSS Geographical call for safety info area 62-65N and 11E-1W giving SSB frequencies 1782/2126 kHz. (14Nov04) (RGA)
- 02187.5 LXUN: Luxembourg Vessel Udine 2134 GMDSS RQs LyngbyRadio/OXZ for safety test. OXZ BQs. Then calls MRSC Humber/GKZ and Netherlands CG Radio/PBK. (12Nov04) (RGA)
- 02187.5 MLSY2: British Ship Viking Adventurer 1756 GMDSS RQs sister ship Viking Crusader/ MNUY2 for simplex F1B/J2B FEC(?) CCIR 625-476 teleprinter QSO on 3835 kHz. (14Nov04) (RGA)
- 02187.5 MQEL7: British Ship Dea Fighter 2215 GMDSS RQs sister ship Dea Mariner/MSAC4 for simplex telephone conversation on 2398 kHz. MSAC4 BQs. (06Nov04) (RGA)
- 02187.5 MTKM5: British Ship DEA Pilot 1926 GMDSS RQs Bahamas-flagged ship Toisa Petrel/C6KA7 hydrographic support vessel for simplex telephone conversation on 2886 kHz. C6KA7 BQs. 2886 kHz is active with some choice Aberdonian swear-words. (18Oct04) (RGA)
- 02187.5 MVFY8: Scottish Ship Highland Piper 2209 GMDSS RQs RogalandRadio/LFI for safety test. Repeats safety test with OostenderRadio/OST. (06Nov04) (RGA)
- 02187.5 MYZK5: British Ship Grampian Guardian 1945 GMDSS RQs LyngbyRadio/OXZ for safety test. Lyngby BQs. (18Oct04) (RGA)
- 02187.5 OJCZ: Finnish Vessel Hesperia 1816 GMDSS RQs MRCC Turku FIN for safety test. Turku BQs. (14Nov04) (RGA)
- 02187.5 OST: OostenderRadio 2205 GMDSS CQ all ships for voice safety broadcast on 2761 kHz. (12Nov04) (RGA)
- 02187.5 OXZ: LyngbyRadio DNK 2146 GMDSS CQs all ships giving 1734/2078 kHz frequencies. At 2146z gives 1758/2102 kHz to all ships. (12Nov04) (RGA)
- 02187.5 P3JR8: Cypriot-flagged vessel Nordsees 1724 GMDSS RQs MRCC Tarifa/Almeria (Spain) for safety test. MRCC BQs. (04Nov04) (RGA)
- 02187.5 P3PA8: Cypriot vessel Iryda 2147 GMDSS RQs LyngbyRadio/OXZ for safety test. (12Nov04) (RGA)
- 02187.5 P3PA8: Cypriot-flagged vessel Iryda 2147 GMDSS RQs LyngbyRadio/OXZ for safety test. (12Nov04) (RGA)
- 02187.5 PBK: Netherlands Coastguard Radio 1947 GMDSS CQ preliminary call for safety bcast on 3673 kHz. (22Oct04) (RGA)

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02187.5 PDTS: Netherlands Ship Dutch Engineer 2009 GMDSS RQs OostendeRadio/OST for safety check. OST BQs. (14Nov04) (RGA)

02187.5 SDJ: StockholmRadio 1901 GMDSS BQs safety test to Luxembourg vessel Crystal Amethyst/LXCW. (04Nov04) (RGA)

02187.5 SPS: WitowoRadio Poland 1932 GMDSS All ships preliminary call for voice safety broadcast on 2720 kHz. (14Nov04) (RGA)

02187.5 SPS: WitowoRadio Poland 1933 GMDSS Announces voice safety bcast on 2720 kHz. OXZ/ Lyngby announces same on 2182. (18Oct04) (RGA)

02187.5 TFA: ReykjavikRadio 2005 GMDSS Sends geographical SELCAL to ships in area between 64 and 68N/12 and 19E listen for preliminary call on 2182 kHz. (18Oct04) (RGA)

02187.5 UAFB5: russian ship "Seebreez" 0138 USB/GMDSS to SVO for safety purpose (17-oct-2004)(MSM)

02187.5 UBCG: Russian Ship Zadonets 2220 GMDSS RQs fellow Russian Fortuna/UFHH for telephone conversation on 2212.5/2114.5 kHz. (06Nov04) (RGA)

02187.5 UBVL: Russian Vessel Atlantik 1950 GMDSS RQs Rubin/UAQV for duplex telephone call on 6984/6821 kHz UAQV BQs. (18Oct04) (RGA)

02187.5 UCHO: Russian Vessel Groumant 1915 GMDSS RQs Nordkap/UIAY for duplex telephone call on 3942.5/2815.5 kHz. (18Oct04) (RGA)

02187.5 UCSG: Russian Ship Soyouz 2207 GMDSS RQs fellow Russian Kapitan Kogelew/UCSI for duplex telephone conversation on 3926 Tx/3751 Rx. (06Nov04) (RGA)

02187.5 UCSG: Russian Vessel Soyouz 1929 GMDSS RQs Cosino/UCRT for duplex telephone call on 4084.4/4488.8 kHz. Cosino BQs. (18Oct04) (RGA)

02187.5 UDNK: Russian Ship Kapa 2014 GMDSS RQs Sandafell/UBZF for simplex telephone conversation on 6368 kHz. UBZF BQs. (SkySweeper tests). (05Nov04) (RGA)

02187.5 UIDB: Russian Ship Atlantis 1916 GMDSS RQs KaliningadRadio/UIW for safety test. (04Nov04) (RGA)

02187.5 USCG, Boston: USA 0204 USB/GMDSS to unid ship reg. in the Bermudas 310134000 for safety purpose (17-oct-2004)(MSM)

02187.5 V7DN3: Marshall Islands Vessel Pacific Explorer 1919 GMDSS RQs LyngbyRadio/OXZ for safety test. OXZ BQs. (18Oct04) (RGA)

02187.5 ZDFN6: "Vasadiep" ship reg. Gibraltartar 0305 USB/GMDSS to Alexandria Radio EGY for safety purpose (17-oct-2004)(MSM)

02250 OWE: RDAF FTK Karup 2301 ALE/USB wkg OWK/RDAF HQ Vedbaek with fast modem. (26Oct04) (RGA)

02250 OWI: RDAF Aalborg 2033 ALE/USB calls OWD/FSN Vaerloese. works OWK/RDAF HQ Vedbaek on 2531 kHz. (31Oct04) (RGA)

02250 OWI: RDAF Aalborg 2119 ALE/USB calls OWD/RDAF Vaerloese. Call repeated on 2531. kHz. (12Nov04) (RGA)

02250 OWK: RDAF HQ Vedbaek 1842 ALE/USB wkg OWD/FSN Vaerloese. OWF and OWI also seen here and on 2531 kHz. (18Oct04) (RGA)

02260 : Unid FishFone 1931 SAILOR-CRYPT/USB Male voices. Analogue scrambler. (12Nov04) (RGA)

02474.0 PBC: Goree Is MM 1908 RTTY/75/850(16-oct-2004)(MSM)

02505.0 DQZ 28: NEUSTADT KUEWAZ OSTSEE 1909 Sitor-ARQ/100Bd c1g s/c TMCT (02/OCT/04) (KK)

02505.0 DQZ 28: NEUSTADT KUEWAZ OSTSEE 1911 Sitor-ARQ/100Bd wkg DLGZ: BG 21 BREDSTEDT (02/OCT/04) (KK)

02555.5 fishermen: 0736 USB fren d/x Oct17 04 ML

02579.2 : Encrypted NATO Modem 1955 STANAG-4285/2400/USB Continuous data. Good synch. (21Oct04) (RGA)

02598 HVV5: Ukranian Military 2130 CW PY2P de HVV5 K. Nothing further. (13Nov04) (RGA)

02608.4 FUO: FN Toulon 1938 RTTY/75/850 RYS tests. (12Nov04) (RGA)

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02635.0 fishermen: 0731 USB french d/x Oct10 04 ML
02663.3 : RN/NATO Secure Bcast 1941 NATO-75/75/850 Blocked
msgs in classic KG80 RYS VMGTCN etc. Almost continuous
starts on this circuit. Testing? (12Nov04) (RGA)
02670: USCG Fort Macon: 0100 USB w/wx. Exc signal but
static crashes. Too noisy to hear much on low frequencies
(23Oct04) (RB4)
02707.0 K4A: Unid, 0305 ALE/USB to CR1 RFO also was on
freq.(07/Nov/04) (MR)
02749 VAR: Canadian CG St. Johns 0158 USB with notices to
mariners in EE and FF. (23Oct04) (CC)
02749 VCS: Halifax Coast Guard NS, Canada 0147 USB with
notice to mariners in EE and FF. (18Oct04) (CC)
02789 FUE: FN Brest 1945 RTTY/75/850 Tests with channel
number ABV501. (12Nov04) (RGA)
02789 FUE: FN Brest 1959 RTTY/75/850 RYSG tests. Poor
copy. Bad bias. (21Oct04) (RGA)
02798 : Unid FAF 'Reglage' Stn 1950 USB Days of the week
and count test. (12Nov04) (RGA)
02800 4XZ: Israeli Haifa AF 1952 CW CQ marker. Blotted out
by FAF USB on 2789. :o) (12Nov04) (RGA)
02922 4XZ: Haifa Naval, Israel Marine Coast Station 0203
CW CW-Marker VVV. (23Oct04) (CC)
02935.0 T498AA: US Mil, 2300 ALE/USB. Also on this freq
T82AA, T2Z1ID, P2Z1ID. (02/Nov/04) (MR)
03016.0 C-GGTS: 0522 USB MWARA NAT-A, Air Transat C-GGTS,
selcal CSFK, working Gander with posn, fuel status and
selcal check 7/Oct/2004 (TR)
03016.0 D-ABUE: 0510 USB MWARA NAT-A, Condor Flugdienst
D-ABUE, selcal CMQR, working New York (very faint) with
selcal check and requesting wx for KBOS (Boston, Logan Intl)
7/Oct/2004 (TR)
03016.0 G-VIIG: 0555 USB MWARA NAT-A, British Airways G-
VIIG, selcal GKDS, working Shanwick with posn, wx, fuel
status and selcal check, requesting wx for EGSS (London
Stansted), Shanwick advises to maintain selcal watch or call
again on same freq when passing KORIB (54 12N, 13 00W)
7/Oct/2004 (TR)
03016.0 JA8918: 0511 USB MWARA NAT-A, Japan Air JA8918,
selcal MPBR, working Shanwick with posn, wx, fuel status and
selcal check, requesting new flightlevel 390, Shanwick
advises to maintain F330 7/Oct/2004 (TR)
03016.0 N363AA: 0551 USB MWARA NAT-A, American N363AA,
selcal CMPJ, working Shanwick with selcal check
7/Oct/2004 (TR)
03016.0 N683CA: 0435 USB MWARA NAT-A, Champion Air
N683CA, selcal AMCL, working Shanwick for selcal check
7/Oct/2004 (TR)
03016.0 N859FT: 0442 USB MWARA NAT-A, Polar Air Cargo
N859FT, selcal CKEM, working Gander (very faint) with
selcal check and requesting both routing confirmation and
flightlevel change 7/Oct/2004 (TR)
03094 : Unid 2006 NATO-75/75/850 Blocked messages in KG84.
(21Oct04) (RGA)
03137 CRO: HFGCS Stn RAF Croughton UK 1845 ALE/USB
Sounding. (18Oct04) (RGA)
03137 ICZ: US GHFS Stn Sigonella ITA 2303 ALE/USB Calls
OFF/Offut AFB NE USA. (26Oct04) (RGA)
03137 PLA: US GHFS Stn Lajes AZR 2239 ALE/USB Sounds.
CRO/RAF Croughton also. (14Nov04) (RGA)
03166.5 Unid: 0756 ARQ-E 86 idling Oct17 04 ML
03185 : Unid 2021 REVS/44/480 (21Oct04) (RGA)
03185 : Unid 2049 REVS/44/480 (01Nov04) (RGA)
03200.0 2525: UNID 0017 MIL.STD 188-141A ALE on usb. Sounding. Also
at 0520 (29/Oct)(DW)
03200.0 3411: UNID 0658 MIL.STD 188-141A ALE on usb.
Sounding (29/Oct)(DW)
03203 L: MX Beacon Tirana 0236 CW //4424.5 (23Oct04) (WC)

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- 03217 8TBB: Russian Military 2225 CW Comms check with EHWN
W2QU PEY8 JEFW. JEFW fails to respond on QSX 3393 kHz.
(04Nov04) (RGA)
- 03217 ZRVD: Russian Military 2209 CW Bcasts message to
collective NKVY: 993 43 5 0052 993 = ZFF 997 = NMDDR PPPPP
OJGFG ... AWWIW PTPEO 056. Repeats msg ending AR.
(04Nov04) (RGA)
- 03217 ZRVD: Russian Military 2326 CW Message bcast to
collective WL1H: QTC 956 40 7 0205 956 = ZKA 579 = ZMGFV
OGQAP ... CööHU PUPEY 962 AR. (06Nov04) (RGA)
- 03240.0 S4S000OGBMRM1: UNID 0250 MIL.STD 188-141A ALE on
usb. C1ng V1S0000EKCOPER. Also at 0342, 0601 (30/Oct)(DW)
- 03260 S4S000: Unid 2134 ALE/USB Calls V1S0000EKCOPER.
(12Nov04) (RGA)
- 03260.0 S4S000OGBMRM1: UNID 0127 MIL.STD 188-141A ALE on
usb. C1ng V1S0000EKCOPER. Sounding. Also at 0327, 0447
(31/Oct)(DW)
- 03261.0 RF0: Unid, 0250 ALE/USB to CR1. (07/Nov/04) (MR)
- 03264 SAB: GöteborgRadio SWE 2023 GLOBEDATA In traffic
then idles. (21Oct04) (RGA)
- 03266 TXXX: Spanish Guardia Civil Madrid 2125 ALE/USB
Calls TZSH/Huelva. (12Nov04) (RGA)
- 03275 HN42: Algerian MOI 2234 ALE/USB wkg YA4. HA4 and
YA46 also seen. (20Oct04) (RGA)
- 03275 JP57: Algerian MOI 2259 ALE/USB Calls JP40.
(26Oct04) (RGA)
- 03275.0 JPG: UNID 0345 MIL.STD 188-141A ALE on usb. C1ng
JP52 (01/Nov)(DW)
- 03280.0 CIP32: CANADIAN FORCES ?LOC 0334 MIL.STD 188-141A
ALE on usb. C1ng CIP36 (01/Nov)(DW)
- 03280.0 CIP77: CANADIAN FORCES ?LOC 0222 MIL.STD 188-141A
ALE on usb. C1ng CIP36. Also 0244 (01/Nov)(DW)
- 03280.0 OYR: asiatic 0757 USB dan d/x work unid ship
Oct17 04 ML
- 03291 P: MX Beacon Kaliningrad 1615 CW (23Oct04) (WC)
- 03291 P: MX Beacon Kaliningrad 2243 CW (20Oct04) (RGA)
- 03291 P: MX Beacon Kaliningrad 2249 CW //3699.5 and 3837.
(26Oct04) (RGA)
- 03291 R: MX Beacon Ustinov 1615 CW (23Oct04) (WC)
- 03291.0 OWE: DAF KARUP 0643 MIL.STD 188-141A ALE on usb.
C1ng OWC (01/Nov)(DW)
- 03291.0 OWF: DAF SKRYSTRUP 0225 MIL.STD 188-141A ALE on usb.
C1ng OWK. 0436 responds to OWI. 0615 c1ng OWD. 0620 c1ng OWI
(01/Nov)(DW)
- 03291.0 OWI: DAF AALBORG 0235 MIL.STD 188-141A ALE on usb.
C1ng OWD also 0434. 0436 c1ng OWF, also 0436. 0644 c1ng OWK
(01/Nov)(DW)
- 03316 GOLF FOXTROT: 0020 USB USN Battlegroup Foxtrot Net
with GF as NCS wkg KILO, JULIET others. (20 Oct 04) (RB)
- 03365 : CIS Military Bcast 2052 CW (Missed call) QTC 164
24 1 2240 164 = ZVW 511 = AAAAA DDDDD QGSXW KTZMF ... hEDMN
KAKBA RPT AL QLN AR. (01Nov04) (RGA)
- 03376 : NATO Tactical Data Modem 2058 LINK-11/2250/USB
single channel? (01Nov04) (RGA)
- 03389 : Cuban Numbers Station 0124 USB Spanish female.
(18Oct04) (CC)
- 03390 : US Navy-Marine Corps Mars Net 0121 USB with around
the Region check ins. (23Oct04) (CC)
- 03390 MGJ: RN Secure Bcast System 2058 RTTY/75/850 CARBs.
Faulty transmission. Uneven start garbles. (13Nov04) (RGA)
- 03392 : Russian Military 2250 RUS-75/75/180 Cipher.
(26Oct04) (RGA)
- 03421 U34D: Unid TIME??? CW This station transmits its
callsign at 50-00 and 20-30 minutes each hour.
(17Nov04) (AB2)
- 03421.0 U34D: 1825 CW / U34D repeating; SINPO: 45545
(17/Nov/2004) (Attu Bosch)
- 03432.0 TOCPACEX: UNID 0302 MIL.STD 188-141A ALE on usb.

C1ng UOE3PACEX (05/Nov)(Dw)
 03485 GANDER RADIO: VOLMET Service 2252 USB Canadian
 airfields forecasts. (26Oct04) (RGA)
 03485 NEWYORK RADIO: VOLMET Service 2300 USB Takes over
 from GANDER. US Airfields forecasts. Weaker than Gander but
 readable. (26Oct04) (RGA)
 03485.0 Gander: 0922 USB w/volmet. 12/10 RP3
 03529.5 : Unid 2028 UNID/50/500 Synchronous. ACF=0.
 (21Oct04) (RGA)
 03557.0 3333: Unid, 0745 ALE/USB to 5558. (06/Nov/04) (MR)
 03558.0 3013: Unid, 0750 ALE/USB. Also 3011, 4011, 4012,
 2011, 2013 and more on this freq. (06/Nov/04) (MR)
 03562.8 SLOFRO: Unid 2033 CW ... BÄPB PPSS SPBB BÄSS SBPä
 SBSS BPBBB BPSäP ... THIS IS A TEST FROM SLOFRO REPORTS TO
 TELEGRAF?FRO?SE PSE AR SK. Some sort of SSA test
 transmission. Web info is in Swedish. (21Oct04) (RGA)
 03699.5 RMP: Russian Navy Kaliningrad RUS 1500 CW single-
 letter-beacon "P". (04/Nov/2004)(DL8AAM)
 03699.5 : Russian Military 2106 36-50/50/200 Long message.
 (01Nov04) (RGA)
 03700.0 RMD98: Russian MIL 1500 CW xxx-msg "... vvv xxx xxx
 RMD98 RMD98 (tesni_eskat prowerka -not sure due to QRM)=
 (5FGs) ar" (04/Nov/04)(DL8AAM)
 03712 : NATO Tactical Data Modem 2045 LINK-11/2250/ISB
 TADIL-A. Guessing it's ISB it's in both sidebands.
 (21Oct04) (RGA)
 03735 : Unid 2050 UNID/100/500 Approx 1 second bursts. ACF
 complex probably 160. (21Oct04) (RGA)
 03738 : Enigma M51 2139 CW NR 44 N 01 22:39:29 2004 =
 ILRXX SLEQP JHPDL ... (01Nov04) (01Nov04) (RGA)
 03764 PBB: RNethN Den Helder 2144 RTTY/75/850 CARBs.
 (01Nov04) (RGA)
 03764.4 PBB: RNethN Fleet Bcast Den Helder 1533 RTTY/75/850
 CARBs. (SkySweeper detected shift and speed but decode very
 poor despite a good signal). (03Nov04) (RGA)
 03775 ETVK: Ukrainian Military 2245 CW In 5FG traffic to
 unid correspondent ending ... 18124 14050 K. (13Nov04) (RGA)
 03782 CTP: PN Palhais/Oieras POR 2011 RTTY/75/850 CQs to
 NAWS. (12Nov04) (RGA)
 03790 : Unid 2321 CW Repeating string
 'HGGFHJJKLKIPLMMOIOUIUYUIYUIYUI' (26Oct04) (RGA)
 03803 PARNUYJP: Estonian Independent Inf Bn Pärnu 1940
 ALE/USB wkg KUPERJANOVIYJP/Indep Inf Bn Kuperjanov. Also on
 3900 as usual. (12Nov04) (RGA)
 03803 YSP: Independent Sigs Bn Estonian Army 2137 USB
 Calls PARNUYJP/Indep Inf Bn Pärnu who responds.
 (26Oct04) (RGA)
 03803 YSP: Independent Sigs Bn Estonian Army 2245 ALE/USB
 Calls KUPERJANOVIYJP/Indep Inf Bn Kuperjanov. Also seen on
 3900. (26Oct04) (RGA)
 03809.4 : Unid 2013 UNID/150/500 ACF=0. (12Nov04) (RGA)
 03809.4 : Unid 2104 UNID/150/500 ACF=0. (13Nov04) (RGA)
 03813.5 414A: Netherlands Army 1656 ALE/USB Calls 90AC who
 responds. (14Nov04) (RGA)
 03813.5 90T2: Dutch military (probably Army), 0145
 ALE/USB/MIL-STD 188-110B to ECO. They are working during
 about 1 hour on this frequency. (07/Nov/04) (MR)
 03813.5 90T2: Netherlands Army 1950 ALE/USB wkg FELIX.
 (12Nov04) (RGA)
 03813.5 FELIX: Netherlands Army 1706 ALE/USB Calls 90T2.
 (14Nov04) (RGA)
 03816.5 3011: Unid, 2200 ALE/USB. Also on this freq 4973,
 49102, 39164, 8002, 9494 and more. (02/Nov/04) (MR)
 03819.0 TK3: Unid, 2215 ALE/USB. H+05/H+35 activity.
 (02/Nov/04) (MR)
 03823 PARNUYJP: Estonian Independent Inf Bn Pärnu 1936
 ALE/USB Calls YSP/Independent Signals Bn who responds.
 (21Oct04) (RGA)

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- 03824 AAA: Israeli AF 2244 ALE/USB Sounding. (14Nov04) (RGA)
- 03824 DD1: Israeli AF 2309 ALE/USB Sounding. (26Oct04) (RGA)
- 03826 FX1B: CIS Military 2301 CW ???? de FX1B QTC K. Then message 475 57 14 0050 475 = 365 = 15551 45276 ... 35226 14055 K. At 2318z 03NM sends message to M5TM. (13Nov04) (RGA)
- 03840.0 YHF2: Numberstation 2030 USB fem. Voice: Yankee-Hotel-Foxtrott-Two (19/OCT/04) (KK)
- 03855 DDH3: DWD Offenbach via Pinneberg GER 2110 FAX/120/576 Perfect picture but upside down. (13Nov04) (RGA)
- 03863 XGG0: Ukranian Military 2244 CW Message for TCYA: 3.6 .2 5 00.. 3.6 = ... = (Unreadable 5FGs). // 3348. (04Nov04) (RGA)
- 03893 JBX2: Ukranian Military 2200 CW Bcasts message to collective MKJR QTC 912 59 13 2340 912 = ZQZ 171 = VVVAZ EWWWB KKVVV ... AZWEI AWKDE =. Repeats ending QLN AR (13Nov04) (RGA)
- 03900 PARNUY: Estonian Indep Inf Bn Pärnu 1717 ALE/USB Calls KUPERJANOVIYJP/Indep Inf Bn Kuperjanov with [AMD] "wNOVIYJP@". (14Nov04) (RGA)
- 03900 PARNUYJP: Estonian Independent Inf Bn Pärnu 1831 ALE/USB Calls KUPERJANOVIYJP/ Independent Inf Bn Kuperjanov. PARNUY and YSP/Indep Sigs Bn also seen here and on 3803 kHz. (18Oct04) (RGA)
- 03900 PARNUYJP: Estonian Independent Inf Bn Pärnu 2012 ALE/USB Calls YSP/Indep Signals Bn here and on 3803 kHz to commence nightly ALEfest. (13Nov04) (RGA)
- 03900 PARNUYJP: Estonian Independent Inf Bn Pärnu 2229 ALE/USB Calls KUPERJANOVIYJP/ Independent Inf Bn Kuperjanov here and on 3803 and 3823. (20Oct04) (RGA)
- 03900 PARNUYJP: Indep Inf Bn Estonian Army Pärnu 2307 ALE/USB Calls TAPAVOK/Unid here and on 3803. (26Oct04) (RGA)
- 03900 PARNUYJP: Independent Inf Bn Estonian Army Pärnu 2027 ALE/USB Calls KUPERJANOVIYJP/ Indep Inf Bn Kuperjanov. Also on 3803 and 3823 kHz. (06Nov04) (RGA)
- 03938.0 725: Georgian Mil, 2345 ALE/USB to 107. Also 730 here. (06/Nov/04) (MR)
- 03969 QWWI: Russian Military 2113 CW QSX to 4471. QQWI NE4N L6SR EJAP M1A4 NROE all respond to W7LR's R 431? K for circular message nr 431 at 2107z. (22Oct04) (RGA)
- 03990 JJF: Japanese Navy Tokyo 2300 CW Transmits at h+00 and h+30. 2300 daily sends messages. Also uses 6474 and 12947. (17Nov04) (AB2)
- 04036.5 534A: Unid 2346 ALE/USB wkg 90AD followed by modem activity. 90V1 and 90T1. (04Nov04) (RGA)
- 04036.5 90T1: DUTCH MIL ?LOC 1206 MIL.STD 188-141A ALE on usb. Cln 90V1. Also at 1236 (08/Nov)(DW)
- 04036.5 90T1: Unid 2018 ALE/USB Calls 90V1 who responds. No modem activity noted. (06Nov04) (RGA)
- 04041 : US Navy/Marine Corps Mars 0108 USB with traffic discussing control format (net report). (24Oct04) (CC)
- 04077 CH405: Fishing Chatter (Ship Station CH 405) 0035 USB About ICOM Radio not able to get enough power to transmit. Call is in duplex QSX 4369. (21Oct04) (CC)
- 04079 RMP: Russian Navy Kaliningrad 1740 CW Circular to collective REO QTC 174 17 1 1958 174 = SML = BALTIJSKOE MORE OPOWEQENIE NR 281 (Baltic Sea weather?). Ends AR. (01Nov04) (RGA)
- 04120.0 fishermen: 0712 USB basque d/x Nov01 04 ML
- 04146 : Unid 1509 USB Two English speaking males one with possibly a Swedish accent giving position and future times and positions. Possibly mariners. (13Nov04) (GB)
- 04156 : NATO Tactical Data Modem 2054 LINK-11/2250/ISB. Intermittent. (21Oct04) (RGA)
- 04165 : Russian Military 2027 MS-5/4800/DPSK/USB In and out of cipher prob due to a Globe wireless station in the

passband. (01Nov04) (RGA)
04199.0 fishermen: 0927 USB fren d/x Oct17 04 ML
04207.5 ---: GMDSS ALERT CHAN 0357 DSC 100/E/170 Distress
call partially corrupt. 2nd Format Spec (?) ID 004141011 (?)
[This is a c/stn structure and unrecog MID]. Abandoning
ship. Lat 35.75S Long 700.00E(?) Unrecog EOS (20/Oct)(DW)
04207.5 EICB: Irish Ship Ulysees 1812 GMDSS RQs
LyngbyRadio/OXZ for safety test. (22Oct04) (RGA)
04207.5 ELTH9: Liberian-flagged vessel Timashevsk 1947 GMDSS
RQs AntwerpenRadio for safety test. (22Oct04) (RGA)
04207.5 UBVL: Russian Ship Atlantik 1902 HFDL RQs
Fortuna/UFHH for duplex telephone call on 12845/12762 khz.
(22Oct04) (RGA)
04209.5 tah: Istanbul Radio 0958 navtex 4360 IST.RD ZCZC BU
BIR TEST MESAJIDIR / ME BANDIRMA DENIZ METEOROLOJI ISTASYONU
DENIZ HAVA BULTENI 100kt04(wp3)
04209.5 Taiwan navtex: 1834 navtex ZCZC PJ99 (TIME)
2004/10/11 02:36:1(PA99) 868 UTC OCT 104 TAIWAN NAVTEX
N.W.NR0409/2004 FR KPRACTIC 013UTC-0430UTC 0600UTC-083;UTC
DAILY 8 TO 30 100kt04 (wp3)
04212 XSQ: GuangzhouRadio PRC 2020 ARQ w/Morse ID.
(12Nov04) (RGA)
04213.5 NOJ: USCG Kodiak AK 0515 USB w/mkr. Exc signal.
(23Oct04) (RB4)
04214 IDR/IGJ: Rome/Augusta Radios 2025 RTTY/75/850
Showing all inputs idle. (13Nov04) (RGA)
04218.5 LZW: Varna R 0518 FEC w/QRA. Fair signal.
(23Oct04) (RB4)
04231.7 MKL: RN Northwood 2106 RTTY/75/850 Usual bursts
//6758.7 & 12212.7 & 8987.7 (25/Oct/04) (RH2)
04248 : CIS Military 2028 MS-5/4800/DPSK/USB Cipher. Heavy
selective fading. (13Nov04) (RGA)
04264.5 7DL7: UNID 2008 CW "GRIX de 7DL7 qtc k". "7DL7 bk
7DL7 qrv k" then into higher speed tfc in 5fig grp
encryption (09/Nov)(DW)
04295.0 FUE: brest fn 0938 ITA/75 " all de fue..."
Oct17 04 ML
04363.0 3AC: monaco 0607 USB french warnings Oct21 04 ML
04363.0 3AC: monaco 0937 USB ee/french id calling
Oct10 04 ML
04364.5 3AC Monaco Radio 2046 P-II/100Bd User List
(30/SEP/04) (KK)
04384 : NATO Tactical Data Modem 2032 LINK-11/2250/ISB 2
channels? TADIL-A. (01Nov04) (RGA)
04417 : American Fishermen 0101 USB On ITU Marine Channel
421 with Fishing chatter. Both parties on same frequency (no
duplex). (24Oct04) (CC)
04424.5 L: MX Beacon Tirana 0652 CW (30Oct04) (WC)
04425.5 L: MX Beacon Tirana 0614 CW (18Oct04) (WC)
04444 : NATO Tactical Air Defence Modem 2032
LINK-11/2250/USB still active. (13Nov04) (RGA)
04444 : NATO Tactical Air Defence System 2025
LINK-11/2250/USB MIL-STD-188-203. (12Nov04) (RGA)
04444 : NATO Tactical Air Defence system 2255
LINK-11/2250/USB TADIL-A. Still active. (14Nov04) (RGA)
04444 : NATO Tactical Data Modem 1925 LINK-11/2250/USB
TADIL-A. (31Oct04) (RGA)
04456 NRHU: Russian Military 2123 CW Responds to unknown
correspondent with QSA2 QSA? K. R K. (22Oct04) (RGA)
04461 : Enigma E10 Mossad 2034 DSB? YL in 5LG traffic
(Novem-bear vic-tore etc). (13Nov04) (RGA)
04469 : Southeast US CAP 0055 USB with around the
Southeast check ins. (24Oct04) (CC)
04469 TEAL 54: (C-130) 0029 USB Calls Southeast Cap 43 for
a HELLO to the net called several times before he was
answer. (21Oct04) (CC)
04471 W7LR: Russian Military 2107 CW Msg to collective
7ZPN: W7LR 431 30 23 0102 431 = ZRY 329 = PPPPP BGOYV JIäMW

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... BGOYV JIäMW WEPWY 880 K. (22Oct04) (RGA)
04477.0 046NHQCAP: Civil Air Patrol station: 2325 USB ALE
(29/SEP/04) (JLM)
04489 PR3K: Russian Military 2222 CW Message for 9HAN: 219
27 1 0050 912 = ZVV 656 = OCSQC hZXWG ... JLEMR PÄPWE 608 K.
9HAN QSLs nr 219 on QSX freq 3981 kHz. (31Oct04) (RGA)
04489 PR3K: Russian Military 2225 CW Comms check with SBTU
ZCDN OZLN. OZLN does not respond. QSX 3981 kHz.
(31Oct04) (RGA)
04492.5 90V1: Unid, 0700 ALE/USB. Also 531A, 90AA, 573A,
533A and 534A on this freq. (06/Nov/04) (MR)
04505 JP4: Algerian MoI 2005 ALE/USB Calls JP5. JP52 calls
JP40. (21Oct04) (RGA)
04505 JP54: Algerian MOI 2342 ALE/USB Calls JP40.
(04Nov04) (RGA)
04510,07 Unid: 0435-0440 UTC, Unid Policial PTP Traffic,
tentative Argentina, with criminal records in SS by two OMs.
A lot of local QRM in this fq. (november 12, 2004)(RT4)
04517 : US Arm/NG Mars Net 0052 USB with traffic
discussing computer software problems. (24Oct04) (CC)
04550 S4S: Unid 1955 ALE/USB calls V1S0000EKCOPER. S4S is
synonym for S4S0000GBMRM or S4S0000GBMRM1. (21Oct04) (RGA)
04550.0 fishermen: 0759 USB span Sep25 09 ML
04550.0 V1S0000EKCOPER: unid 1805 USB ALE/MIL-188-141A c1g
S4S0000GBMRM1 (11/OCT/04) (KK)
04555.5 fishermen: 0953 USB fren Oct09 04 ML
04583 DDH7: DWD via Pinneberg GER 2219 RTTY/50/450 Sea
states in EE. (31Oct04) (RGA)
04604.0 RF0: Unid, 0020 ALE/USB to DR1. Also K4A, CR1 and
BR1. (07/Nov/04) (MR)
04610.0 GYA: rn 1828 FAX uk cloud chart Oct24 04 ML
04625 UVB76: Enigma Buzzer 2037 AM in audio (1) mode.
(01Nov04) (RGA)
04625.0 unid: buzzer /cis army ?? 1840 sig 6/10 USB
Oct28 04 ML
04632 C13: PC-13 Constitucion-class Missile Patrol Craft
Independencia Venezuelan Navy/Coastguard 1853 ALE/USB wkg
C11/Frigate "Almirante Clemente" GC-11. (18Oct04) (RGA)
04675.0 G-OBYJ: 0437 USB MWARA NAT-D, Britannia Ariways
G-OBYJ, selcal HLGR, repeatedly calling Bodo with noy joy,
Iceland steps in and they report posn and fuel status,
selcal check OK 15/Oct/2004 (TR)
04675.0 G-VIIF: 0418 USB MWARA NAT-D, British Airways
G-VIIF, selcal GKDR, working Iceland with posn, wx, fuel
status and selcal check, requesting routing confirmation and
new flightlevel 380, Iceland advises to maintain F330 and to
contact Arctic west of 88W 15/Oct/2004 (TR)
04675.0 N601AN: 0518 USB MWARA NAT-D, American N601AN,
selcal CQLP,working Iceland with posn, wx and fuel status
and selcal check, requesting routing confirmation and wx for
BGTL (Thule AB), CYLT (Alert) and CYEU (Eureka)
15/Oct/2004 (TR)
04678 UOE1PACEX: Prob PACEX IV Comms 2349 ALE/USB calls
TOCPACEX. Pacific Explorer 4 missile defence system tests?
(04Nov04) (RGA)
04700 AA1: Israeli AF Ben Gurion 2301 ALE/USB calls poss
collective ID ACCES1. (14Nov04) (RGA)
04700 FC8FEM: WGY908/US FEMA Region 8 Denver CO 0951
ALE/USB Sounding. (14Nov04) (GB)
04700 TA7158: 7/158 Avn US Army Fort Hood TX 1144 ALE/USB
Sounding. (14Nov04) (GB)
04700 TANGO: Mexican Military 1301 ALE/USB wkg DIAMANTE.
(14Nov04) (GB)
04721 230124: USAF C-17 Aircraft 93-0124(?) 0404 ALE/USB
Working M4S124 (unID) and sounding. (02nov04) (BC2)
04721 230124:USAF C-17 Aircraft Tail Number 93-0124(?)
0404 ALE/USB working M4S124 (unID) and sounding.
(02nov04) (BC2)

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04721 523557: USAF-KC-135 Aircraft, Tail Number 62-3557
0046 ALE/USB calling 366557:USAF-C-141 Aircraft, Tail Number
66-6557 (?). No vox comms noted. (04nov04) (BC2)

04721 523557: USAF-KC-135 Aircraft, Tail Number 62-3557
0046 ALE/USB sounding. (04nov04) (BC2)

04721 53T: USAF-53CCS, Robins AFB, GA 0754 ALE/USB
sounding and SINAD. (02nov04) (BC2)

04721 53T:USAF-53CCS Robins AFB GA 0754 ALE/USB Sounding
and SINAD. (02nov04) (BC2)

04721 571436: USAF-KC-135 Aircraft, Tail Number 57-1436(?)
0418 ALE/USB sounding. (02nov04) (BC2)

04721 638039: USAF-KC-135 Aircraft Tail Number 53-8039
0050 ALE/USB calling 672039:USAF-unID Aircraft. No vox comms
noted. (04nov04) (BC2)

04721 AOM: unID 0503 ALE/USB Calling AED:USAF-Elmendorf
AFB, AK, at which point MCC chimed in, passed a SINAD string
to AED, at which point OFF came in and passed a SINAD string
to MCC. (02nov04) (BC2)

04721 C20: Swedish MIL (?) 0404 ALE/USB working CRO:USAF-
RAF Croughton, UK. SINAD check and AMD to ***
(02nov04) (BC2)

04721 HAW: GHFS Stn Wideawake AFB Ascension 1951 ALE/USB
Sounding. (21Oct04) (RGA)

04721 JNR: USAF-Roosevelt Roads PR 0411 ALE/USB sounding.
(02nov04) (BC2)

04721 JNR: USAF-Roosevelt Roads, PR 0504 ALE/USB sounding.
(02nov04) (BC2)

04721 JNR:USAF-Roosevelt Roads, PR 0411 ALE/USB Sounding.
(02nov04) (BC2)

04721 MCC: McClellan AFB, CA 0812 ALE/USB calling FS:unID.
AL2. (02nov04) (BC2)

04721 OFF: USAF-Offutt AFB NE 0400 ALE/USB working E30138
USAF E-3 Aircraft 80-0138. Passing sig SINAD info both ways.
(02nov04) (BC2)

04721 OFF: USAF-Offutt AFB NE 0409 ALE/USB working
MCC:McClellan AFB, CA. Passing sig SINAD info.
(02nov04) (BC2)

04721 OFF: USAF-Offutt AFB NE 0506 ALE/USB Sounding.
(02nov04) (BC2)

04721 OFF: USAF-Offutt AFB, NE 0104 ALE/USB working
E30356:USAF-E-3 Aircraft, Tail Number 77-0356. SINAD report
passed both ways, AMD CCCCD8,9=40817NNNN. Number came up
with no-answer msg, too weak to get info. (04nov04) (BC2)

04721 OFF: USAF-Offutt AFB, NE 0400 ALE/USB working E30138
USAF E-3 Aircraft, Tail Number 80-0138. Passing sig SINAD
info both ways. (02nov04) (BC2)

04721 OFF: USAF-Offutt AFB, NE 0409 ALE/USB working
MCC:McClellan AFB, CA. Passing sig SINAD info.
(02nov04) (BC2)

04721 OFF: USAF-Offutt AFB, NE 0506 ALE/USB sounding.
(02nov04) (BC2)

04721 PLA: USAF-Lajes AB Azores 0405 ALE/USB working
CRO:USAF-RAF Croughton, UK. Also sounding. (02nov04) (BC2)

04721 PLA: USAF-Lajes AB Azores 0405 ALE/USB working
JDG:USAF-Diego Garcia. Also sounding. (02nov04) (BC2)

04721 PLA: USAF-Lajes AB, Azores 0405 ALE/USB working
CRO:USAF-RAF Croughton, UK. Also sounding. (02nov04) (BC2)

04721 PLA: USAF-Lajes AB, Azores 0405 ALE/USB working
JDG:USAF-Diego Garcia. Also sounding. (02nov04) (BC2)

04721 R23444: US Army Helicopter in Kosovo 2006 ALE/USB
Calls T1Z137/1-137 Avn Bn US Army Camp Bondsteel SCG
(Kosovo). (12Nov04) (RGA)

04721 SWJ: unID 0330 ALE/USB weak, garbled AMD request.
(02nov04) (BC2)

04721 WRL: USAF-Robins AFB GA 0718 ALE/USB Sounding.
(02nov04) (BC2)

04721 WRL: USAF-Robins AFB, GA 0718 ALE/USB sounding.
(02nov04) (BC2)

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- 04724.0 Bee Bread: was active at 2143z with BEE BREAD (good readable, noise) bcsting a 217-character EAM (AGDE2X), simulcasting same on at least 11175.0 (weak readable), with nothing heard on 13155.0, 6697.0, 15016.0, 11175.0 and 11244.0 (28/10/04)=20
- 04724.0 Bee Bread: was active at 2152z with BEE BREAD (good readable, noise) bcsting a 48-character EAM (AG762E), simulcasting same on at least 11175.0 (weak readable), with nothing heard on 13155.0, 6697.0, 15016.0, 11175.0 and 11244.0 (28/10/04)
- 04724.0 Offutt: 0455 USB w/EAM (BU5TGH). 05/11 RP3
- 04742.0 Joint Guardian 85: 15:29 Joint Guardian 85 c1g and wkg Architect with a weak signal.USB 30oct04 (RPA)
- 04751 TWLG: Unid Spanish Guarda Civil 2016 ALE/USB Calls TXXX/Spanish Guarda Civil Madrid. (21Oct04) (RGA)
- 04751 TWLV: Unid Spanish Guarda Civil 2003 ALE/USB Calls TXXX/Madrid. (12Nov04) (RGA)
- 04752.5 : Unid Luftwaffe Stn 2045 ARQ-E/85.7/160 Idling. (01Nov04) (RGA)
- 04814 : Unid Luftwaffe Station 2037 ARQ-E/85.7/170 Idling. (13Nov04) (RGA)
- 04841.0 OWE: Danish airforce Karup DNK 17:59 ALE/USB calling OWD Vaerloese 8oct04 (PPA)
- 04863.0 F** : unid french AF 2012 USB Voice Tape: TEST DE MENTOR CETTE EMISSION EST DESTINEE AU REGLAGE DE.... (30/OCT/04) (KK)
- 04883 KUPERJANOVIYJP: Independent Inf Bn Estonian Army Kuperjanov 2158 ALE/USB Calls YSP/Independent Sigs Bn. (26Oct04) (RGA)
- 04890.5 LZ2IM: unid prob. bulg. 1543 P-I/100Bd, P-II (05/OCT/04) (KK)
- 04890.5 LZ6IM: unid prob. Bulg. 1610 P-I/100Bd <Calling LP:LZ2IM> "welcome to LZ6IM's Air- Mail box LZ2IM de LZ6IM" (03/OCT/04) (KK)
- 04890.5 LZ9IM: unid prob. Bulg. 1546 P-I/100Bd <Calling:LZ2IM> (03/OCT/04) (KK)
- 04890.5 unid prob. Bulg. 2005 P-I/100Bd <Calling LP:LZ1IM> (30/SEP/04) (KK)
- 04900.0 LCT01: & QRT00: 2317 USB ALE. (29/SEP/04) (JLM)
- 04917 : Unid 1631 CW '9917IM0...0134 0233 0134 0233 952761 721355 2207...62 AR' (01Nov04) (RGA)
- 04924.5 HQ703N (probably Nat'l Guard Readiness Center, Arlington VA): 1144 USB/ALE TO T060XN (Nat'l Guard, Texas). Also noted on 08047.0. -8/10 RP3
- 04924.5 PMTRACS: (Program Manager for Tactical Radio Communications Systems): 1322 USB/ALE TO O050HN (Nat'l Guard, Ohio). Also noted on 08047.0. 27/10 RP3
- 04924.5 WVC35NG: 35th WMD-CST, St. Albans, WV & K040YN, KY NG, Frankfort, KY: 1459 USB ALE (29/SEP/04) (JLM)
- 04926.5 fishermen: 0947 USB fren d/x Oct17 04 ML
- 04941.5 FDY FAF Orleans 2040 Rtty 50/400 "TEST DE FDY... (30/SEP/04) (KK)
- 04951.5 : Russian Air Defence Plotting Stn (PVO) (M21) 2045 CW 992344??0????? 992345??0????? and so on. (13Nov04) (RGA)
- 04978 : Unid Illicit 2050 CW Fast 5FGs ending ... 41196 68636 (13Nov04) (RGA)
- 05000 BPM: TSS Xi'an PRC 1700 CW Callsigns ticks. (01Nov04) (RGA)
- 05001 7WVD: CIS Military 1647 CW RPT 3 K. RPT 18 K. 7WVD R 978 K. (01Nov04) (RGA)
- 05007.0 TWLN: GUARDIA CIVIL NAVARRA 0708 MIL.STD 188-141A ALE on usb. C1ng TXXX (18/Nov)(DW)
- 05007.0 TWLV: GUARDIA CIVIL VIZCOYA 0201 MIL.STD 188-141A ALE on usb. C1ng TXXX (18/Nov)(DW)
- 05008 : CIS Military 2021 RUS-75/75/240 Cipher. (13Nov04) (RGA)
- 05032.5 C12: Unid 1941 ALE/USB calls C11. C13 also seen. (18oct04) (RGA)

05035 JP52: Algerian MoI 2053 ALE/USB Calls JP54.
(21Oct04) (RGA)

05035 YA50: Algerian MOI 1949 ALE/USB Calls YA51.
(22Oct04) (RGA)

05035.0 YA50: UNID 0642 MIL.STD 188-141A ALE on usb. CIng
YA51 (18/Nov)(DW)

05042.0 FDG: FAF BORDEAUX 1825 CW Marker "vuv de FDG ar"
(23/Oct)(DW)

05080 : Unid Ukranian Stn 2037 RTTY/50/500 Header 'XHLL
NR 38 24 2235 GAPONENKO U WAS WSE' seen. Then goes to mark
idle. Then space. Offair 2102z. (12Nov04) (RGA)

05088.5 USAIS1012: (US Army Intelligence & Security Command,
Ft Belvoir VA): 1415 USB/ALE TO USANG2409 (US Army National
Guard HQs, Arlington VA). Also noted on 03285.0; 06985.0;
07510.0. 27/10 RP3

05092 : Enigma E10 Mossad 2107 AM? In traffic 5LGs.
(12Nov04) (RGA)

05097.0 CFH: canf 0652 ITA/75 naws de cfh Oct24 04 ML

05097.0 CFH: MACS, CAN 2025 Rtty 75Bd/850Hz Marker: NAWS DE
CFH ZKR..." (30/OCT/04) (KK)

05115 MOB2MSS: Poss Romanian or Czech MOI/Military 2022
ALE/USB Calls OKROKANMSS. (18Oct04) (RGA)

05132 2010: Turkish Red Crescent Net 2043 ALE/USB
Sounding. (21Oct04) (RGA)

05140 3333: N.African Net 2315 ALE/USB Sounding. (14Nov04)
(RGA)

05154 S: MX Beacon Arkhangelsk 0122 CW //10872 13528 16332
20049. (20Oct04) (WC)

05159.0 4XZ: IN HAIFA 1838 CW Marker "vuv de 4XZ=="
(23/Oct)(DW)

05172.5 Unid: active during this evening US NAVY
coordination net (good readable). C/s: C2F, 40Z, R7F, 2GX,
C3R, 1ZC, 2FV. Location prob. North Sea. (26/10/04) (MR)

05180.0 ZETA61: Polish Military located in (?), 1015 ALE/USB
with c/ss =ATENA66, ASTMA72. Also checking in voice.
(05/10/04) (MR)

05195 DRA5: DARC Prop Beacon 0326 COMPOSITE 478.
(01Nov04) (WC)

05195 DRA5: DARC Prop Beacon 1650 CW Calls and dashes.
PSK31 etc. (01Nov04) (RGA)

05195 DRA5: DARC Propagation Beacon 0101 COMPOSITE 457.
(20Oct04) (WC)

05195.0 DRA5: gn propag buoy 1905 alternative :CW PSK31 ...
de.... solar wxOct28 04 ML

05257.5 : French Military 1654 RTTY/50/170 Receiver
adjustment tests. (01Nov04) (RGA)

05270.0 ---: FF UNID? 1733 RTTY 50/N/400 Marker "Cette
emission est destinee aux reglages vos emetteurs lundi mardi
mercredi jeudi vendredi samedi dimanche janvier fevrier mars
avril mai juin juillet aout septembre octobre novembre
decembre" (30/Oct)(DW)

05290 GB3RAL: RSGB Propagation Beacon Oxfordshire 0630 CW
467 ==> Again alive. (23Oct04) (WC)

05290 GB3RAL: Rutherford Lab Oxfordshire GBR 1230 CW Prop
beacon. Morse ID and stepped power reductions. Followed by
new beacon GB3WES/Sleagill Cumbria. (31Oct04) (RGA)

05290.0 GB3RAL: propagation beacon, Oxfordshire, G, 0400,
CW, also heard at 0430, 0445, 0500 UTC. 01/Nov/2004. (CK)

05290.0 GB3WES: propagation beacon, westmorland, G, 0445, CW,
01/Nov/2004. (CK)

05293.0 FDI8: French AF Nice 2114 Rtty 50Bd/85Hz Marker: SOC
EQNBO DE FDI8 VOYEZ LE BRICK (31/OCT/04) (KK)

05352.0 TXXX: Spanish Guarda Civil, 2040 ALE/USB to TZSJ.
(06/Nov/04) (MR)

05362 ALG: Sonatrach Oil/Gas Algiers 1943 ALE/USB
Sounding. (14Nov04) (RGA)

05370 S4S0000GBMRM1: Unid 2000 ALE/USB Calls
V1S0000EKCOPER. (18Oct04) (RGA)

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05376 ZCDW: Russian Military 2254 CW Comms check with:
V2HF ITTN QGM9 S5LX and Q51C. All except Q51C respond on QSX
freq 4872 kHz. (06Nov04) (RGA)

05379 BORA: Albanian MoI 2042 ALE/USB Calls DRINI/MoI
Drini. Also on 5075 kHz. (21Oct04) (RGA)

05379 DRINI: Albanian Military/MOI Drini 1946 ALE/USB
Calls BORA/Unid who responds. (18Oct04) (RGA)

05400 2UVH: CIS Military 1705 CW Comms check with OTPA
9SIG. (01Nov04) (RGA)

05400.0 LRN1: (US Army Corps of Engineers, Great Lakes
District, Nashville): 0921 USB/ALE sounding. 15/10 RP3

05400.0 LRN1: (US Army Corps of Engineers, Lakes & River
Division, Nashville TN): 0817 USB/ALE sounding. 27/10 RP3

05400.0 LRN1: (US Army Corps of Engineers, Lakes & Rivers
Division, Nashville TN). 0839 USB/ALE sounding. 25/10 RP3

05410 OHT30P: Sonatrach Net Ohanet ALG 2121 ALE/LSB
Sounding. (31Oct04) (RGA)

05411 544: Unid 0016 CW 544 544 544 (Repeat about 5
minutes). = = = ta6a3a4 ta6a3a4 (stopped). (18-Oct-04) (IB)

05412.3 F33HOT: unid Fronet Station, S 1135 P-I/100Bd
<Calling:F42HTA> P-II Msg (02/OCT/04) (KK)

05412.3 F33HOT: unid Fronet Station, S 1139 P-I/100Bd
<Calling:F34HTA> P-II Msg (02/OCT/04) (KK)

05450 RAF VOLMET: RAF W.Drayton/Bampton Castle/Swanwick
1658 USB YL robot with M.East airport forecasts.
(01Nov04) (RGA)

05465 R: MX Beacon Ustinov 1718 CW ==> SLOW.
(05Nov04) (WC)

05475 T2Z238: 2-238 AVN US Army Tuzla BIH 2037 ALE/USB
Sounding. (18Oct04) (RGA)

05477 3333: Unid N.African Net 2116 ALE/USB Sounding.
(31Oct04) (RGA)

05544 A7-AFM: Qatar Airways A330 2118 HFDL signs on to
ARINC Muharraq. (31Oct04) (RGA)

05544 A7-AFO: Qatar Airways Flt QR0344 2130 A330 2429N
05416E ICAO ID is given as 79800C which is clearly wrong.
(31Oct04) (RGA)

05544 D-ALCJ: Lufthansa Cargo MD11F Flt LH8469 1947 HFDL
At 2307N 06302E. (31Oct04) (RGA)

05544 G-VATL: Virgin Atlantic A340 'Miss Kitty' Flt VS0603
1959 At 3713N 00004W. (31Oct04) (RGA)

05544 G-VMEG: Virgin Atlantic A340 'Mystic Maiden' Flt
VS0009 2036 HFDL At 5303N 02118W. QSYS to Reykjavik/6712 kHz
at 2044z. (31Oct04) (RGA)

05544 VP-BWL: Aeroflot A319 Flt SU0114 1944 HFDL Posn
report 5526N 03248E to ARINC Muharraq. (31Oct04) (RGA)

05550 NEW YORK RADIO: CAR-A MWARA New York 0120 USB wkg
Deutsche Lufthansa 411 (GIE Airbus A340-300) (selcal JKFR)
with selcal check. (21Oct04) (CC)

05550 NEW YORK RADIO: CAR-A MWARA New York 0125 USB wkg Delta 32
(Boeing 767-300) (Selcal DGPR) for selcal check and
position report. (21Oct04) (CC)

05550 NEW YORK RADIO: CAR-A MWARA New York 0127 USB wkg
Delta 84 (Boeing 767-300) with position report.
(21Oct04) (CC)

05550 NEW YORK RADIO: CAR-A MWARA New York 0129 USB wkg
Delta 144 (Boeing 767-300) with position report.
(21Oct04) (CC)

05554.5 R26078: unid Helo 1813 USB ALE/MIL-188-141A c/g
T1Z137 1-137 US Army IRQ (31/OCT/04) (KK)

05555 501: Unid 2100 ALE/USB Calls 01. (14Nov04) (RGA)

05559.0 UAK: unid 2033 USB ALE c/g 2FY (30/OCT/04) (KK)

05598 119: Unid 2037 ALE/USB Calls 116. (12Nov04) (RGA)

05598 120: Unid 2055 ALE/USB Sounding. (14Nov04) (RGA)

05598.0 atc nat shanwick: 0543 USB reach157 / ELHM n630ax
oat dc-10 sep26 09 ML

05600.0 30202: Unid, 2345 ALE/USB. Also on this freq 1507,
1060, 1080, 2208, 1101 and more. (02/Nov/04) (MR)

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05637.0 RADIO BUCURESTI: Bucharest Aero, ROM, 1655, USB, calling YR-BGC, also sending selcals, no reply. YR-BGC is a Boeing 737 with selcal ER-AJ. 30/10/2004 (CK)

05649.0 atc nat: 0730 USB work af423 / DHBQ klm644 / AFMR ph-kcf klm602 md-11/CKER f-hbil corsair Sep25 09 ML

05680.0 uk sar kinloss: 0952 USB unid d/x Oct24 04 ML

05684 150001: USAF C-5 85-0001 2048 ALE/USB calls PLANPR/GHFS NIPRNet Stn Azores. (06Nov04) (RGA)

05696 Aircraft 449: Unid 0320 USB wkg CAMSLANT for radio check, request selcal check BM-ES if able (not able :-)
(05Nov04) (RB)

05696 NLPM: USCGC Chase (WHEC-718) 0335 USB clg CAMSPAC Point Reyes no joy as "Coast Guard Cutter Chase". Chase is a 378' High Endurance Cutter, the largest cutters in the CG. Still clg at 0346. (28Oct04) (RB)

05696 NOJ: USCG CommSta Kodiak, AK 0329 USB wkg 6029 (HH-60J out of AirSta Kodiak) for flight ops.
(22 Oct 04) (RB)

05696 NOJ: USCG CommSta Kodiak, AK 0342 USB wkg 6529 (HH-65, unk location) for flight op's. 6529 is probably at Sitka or Kodiak unless assigned to a cutter. At 0346 wkg 1708 (HC130 listed as Clearwater based). NOJ back up at top of hour wkg 6029 and 6529 for flight op's again.
(22 Oct 04) (RB)

05696 SEPTURE 88: 0355 USB British accent, clg "any callsign", raises CAMSLANT. Req if they have comms with callsign SMASHER. CAMSLANT offers to relay by phone. 88 passes posn and flight ops normal. (19 Oct 04) (RB)

05696.0 Camslant Chesapeake: 2255 USB w/CG 1717 (HC-130H7 CGAS Clearwater-not heard) requesting update on SAR conditions. Camslant also in radio checks w/CG 2104 (HU-25C+ CGAS Miami). 19/10 RP3

05696.0 NMN: USCG Camslant Chesapeake USA 03:00 J3E/U Calling M4D ,no contact 21oct04 (PPA)

05702 IKFSR: US SIPRNet Stn Keflavik ICE 2003 ALE/USB Sounding. (22Oct04) (RGA)

05702 IKFSR: US SIPRNet Stn NAS Keflavik ICE 2134 ALE/USB Sounds. (31Oct04) (RGA)

05705.5 unid: station 16:50 F1B-VFT /100/170 encrypted traffic acf=0 in parallel with 5706.5 21oct04 (PPA)

05708 E30001: USAF-E-3 Sentry tail Number 79-0001 a/c 0025 ALE/USB sounding, calling ADW:USAF Andrews AFB, then OFF:USAF Offutt AFB, passing SINAD report then AMD *** linkup, followed by voice comms. A/c ID'ed as SENTRY 52 with phone patch to RAYMOND 24 ops, SENTRY 52 passed long a/c data report & cleared. Comms recorded. (05nov04) (BC2)

05708 KLPS: unID 0335 ALE/USB sounding. Also calling ?ADS.
(05nov04) (BC2)

05709 WQW: Unid 2046 ALE/USB calls Y6F. (12Nov04) (RGA)

05709.0 RWG: UNID 0421 MIL.STD 188-141A ALE on usb. Clng Y6F (16/Nov)(DW)

05709.0 RWG: unid net 04:17 ALE/USB answering Y6F 21oct04 (PPA)

05709.0 WQW: UNID 0006 MIL.STD 188-141A ALE on usb. Clng Y6F. Also 0046, 0327 (16/Nov)(DW)

05709.0 Y6F: UNID 0217 MIL.STD 188-141A ALE on usb. Clng JGW. Also 0227. 0229 clng RWG. Also 0238, 0446, 0451.
(16/Nov)(DW)

05709.0 Y6F: unid net 04:17 ALE/USB establishing contact with RWG followed by modem traffic 21oct04 (PPA)

05720 A7-ACC: Qatar Airways A330 2134 HFDL Signs on.
(06Nov04) (RGA)

05720 AY2516: Finnair B757 2126 HFDL Posn report 5341N 01708E to ARINC Reykjavik. (06Nov04) (RGA)

05720 BOULMER: RAF Air Defence Radar Stn 1731 USB wkg 5HA who asks if 0730z start tomorrow. (01Nov04) (RGA)

05720 HL-7497: Korean B747 2131 HFDL Signs on.
(06Nov04) (RGA)

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05720 VP-BWE: Aeroflot A320 Flt SU0519 2139 HF DL Acks wx reports for OMD/Abu Dhabi and OMAA/Dubai Intl. (06Nov04) (RGA)

05720 VS0009: Virgin Atlantic Flt 2129 HF DL At 5428N 02339W. (06Nov04) (RGA)

05720.0 RAF Boulmer: 14:04 RAF Boulmer JMC related traffic. Tracking msgs to all stations USB (4) 3/11/04 (rpa)

05727.4 : NATO Tactical Air Defence Data System 1734 LINK-11/2250/USB. TADIL-A in STANAG-4285 QRM. (01Nov04) (RGA)

05731.0 unid: Russian PTT station RUS 03:26 ISB/ OQPSK/1280 bps /1K4 no decode 21oct04 (PPA)

05732 CAMSLANT: USCG Chesapeake 0305 USB wkg JULIET 37 (HH-60 6037 who was on a SAR) for flight ops. (20 Oct 04) (RB)

05732 OPB: OPBAT Service Center, Nassau, Bahamas 0430 USB/ALE sounding, then into voice comms as PANTHER wkg ZERO THREE CHARLIE, "assume radio guard at zero-three mike." with comm checks every 15 mins. at 0432 "...show you 36 nm bearing 042 magnetic from Alpha 25". at 0434 has 03C try to raise comms with 52A on Uniform freq 290.2. (07nov04) (BC2)

05732 SERVICE CENTER: USCG 0333 USB wkg "37" (USCG 6037) w/pp to E-City (AirSta Elizabeth City aka E-City Air). 6037 is RTB due to weather and problems with radar. (20 Oct 04) (RB)

05732 TSC: ICE Orlando, FL Customs National Law Enforcement Communications Center -- Technical Service Center 0417 USB/ALE clg PNR400:OPBAT base, Georgetown, Bahamas. No joy. (07nov04) (BC2)

05732.0 F04: (HU-25C+ CGAS Miami-very weak): 2347 USB in ALE & voice w/unidentified station. 19/10 RP3

05732.0 LNT (BICE): UNID 01:1 USB /ALE / Calling J42 - USCG HH-60J #6042 Cape Cos MA (19/Nov/2004) (MJ Melland)

05732.0 LNT: (Camslant Chesapeake): 1300 USB/ALE w/F40 (HU-25 # 2140, CGAS Cape Cod) in voice radio checks after ALE handshake. Service Center then tries to contact F40 in voice. 04/11 RP3

05736 RTK22: Unid 2137 RTTY/50/500 RYRYRYRS CQ CQ CQ DE RTK-22 RTK-22 RTK22 RYRYRYRYRS then 175 5FGs ending "44984059450017529313". (29oct04) (IB)

05738.5 90V1: Unid, 0815 ALE/USB to 90T1. (06/Nov/04) (MR)

05748.0 unid: fr. 0803 Rtty 50Bd/170Hz "TEST DE MENTOR CETTE EMISSION EST DESTINEE AU REGLAGE DE NOS EMETTEURS 1 2 3 4 5 6 7 8 9 0 LUNDI MARDI MERCREDI JEUDI VENDREDI SAMEDI DIMANCHE (19/OCT/04) (KK)

05756.0 4XML: unid chinese Naval Central CHN 20:14 A1A v bfr7 bfr7 bfr7 de 4xml 4xml 7oct04 (PPA)

05784 0000210001: Unid 2034 ALE/USB Sounding. (14Nov04) (RGA)

05786.5 COLOGNE: R&S Cologne, D 1105USB ALE/MIL-188-141A clg MUNICH: R&S Munich, D [CMD (UUF mode in Hex)]: 7C 00 07 (13/OCT/04) (KK)

05788.0 68: Danish Mil 1455 USB ALE/MIL-188-141A clg 50, short voice cnf, then modem tx (30/OCT/04) (KK)

05800.0 KUPERJANOVIYJP:ESTONIAN ARMY KUPERJANOV 2305 MIL.STD 188-141A ALE on usb. C'ng YSP. Also 2333, 2340 (08/Nov)(DW)

05800.0 PARNUJYP: ESTONIAN ARMY PARNU 0003 MIL.STD 188-141A ALE on usb. C'ng YSP (09/Nov)(DW)

05800.0 YSP: ESTONIAN ARMY ?LOC 2340 MIL.STD 188-141A ALE on usb. Responding to KUPERJANOVIYJP (08/Nov)(DW)

05840 J5B: Unid UNJLC Sudan 2056 ALE/USB Calls JUB/UNJLC Juba. (06Nov04) (RGA)

05840 NYALA3: UNJLC Nyala, SDN 1722 ALE/USB to PORTSUDAN (07/Nov/04) (ZE)

05840 NYALA3: UNJLC Nyala, SDN 1748 ALE/USB to DMAZIN (07/Nov/04) (ZE)

05840 NYD: Unid UNJLC Sudan 2044 ALE/USB Calls KOS/UN JLC

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05840 Kosti who responds. (06Nov04) (RGA)
05840 PORTSUDAN: UNJLC Port Sudan, SDN 1725 ALE/USB to
NYALA3 (07/Nov/04) (ZE)
05840.0 DMAZIN: UNJLC D'mazin 1901 USB ALE/MIL-188-141A c1g
NYALA3 Nyala (31/OCT/04) (KK)
05840.0 JUBA: UNJLC Juba, SDN 1919 USB ALE/MIL-188-141A c1g
NYALA3 Nyala (31/OCT/04) (KK)
05840.0 MALKAK: unid USB ALE/MIL-188-141A SND
(30/OCT/04) (KK)
05840.0 MALKAKAL: UNJLC Malakal, SDN 2034 USB ALE snd
(31/OCT/04) (KK)
05840.0 NYALA3: UNJLC Nyala, SDN 1846 USB ALE/MIL-188-141A
c1g ATBARA [AMD]FAXDATA (31/OCT/04) (KK)
05840.0 NYALA3: UNJLC Nyala, SDN 1846 USB ALE/MIL-188-141A
c1g ATBARA Atbara (31/OCT/04) (KK)
05840.0 NYALA3: UNJLC Nyala, SDN 1911 USB ALE/MIL-188-141A
c1g KOSTI Kosti (31/OCT/04) (KK)
05840.0 NYALA3: UNJLC Nyala, SDN 1916 USB ALE/MIL-188-141A
c1g PORTSUDAN [AMD]FAXDATA (31/OCT/04) (KK)
05840.0 NYALA3: UNJLC Nyala, SDN 2051 USB ALE/MIL-188-141A
c1g OBIED El obied (30/OCT/04) (KK)
05840.0 NYALA4: UNJLC Nyala, SDN 2059 USB ALE snd
(31/OCT/04) (KK)
05847.0 HQ703N (probably Nat'l Guard Readiness Center, Arlington
VA): 1157 USB/ALE TO G090UN (Nat'l Guard, Guam).
Also noted on 04924.5. 08/10 RP3
05860.0 FAAZBW: FAA Nashua USA 03:07 ALE/USB sounding
21oct04 (PPA)
05871 TXXX: Spanish Guarda Civil 2034 ALE/USB Calls
TZSH/Huelva. (12Nov04) (RGA)
05871 TXXX: Spanish Guarda Civil Madrid via Valdemoro or
Navarra 2042 ALE/USB Calls TZSA/ Unid. (06Nov04) (RGA)
06208.0 ---: UNID 1430 CW slow morse. Offline encrypt (5fig
grps) then "=572 572 572 5721 ... " then next msg
(20/Oct)(DW)
06237.0 PWZ-33: BN 0108 RTTY 200/850 News. Hard to copy
(23/10/04) (AJP)
06240.5 HOTEL FOXTROT: US Navy Net (Truman CSG) 0026 USB
HOTEL FOXTROT, LIMA, MIKE some of the players.
(18Oct04) (CC)
06250.5 ROMEO: 0245 USB with KILO, other single letter
callwords in USN gator coordination net. (19 Oct 04) (RB)
06302.0 GIR: Prob. Lithuanian Military, 0530 USB calling
SKA. But no =ALE and MIL_STD 188_110A on this freq (?)
(05/10/04) (MR)
06312 UTXZ: Russian Ship Sergei Smirnov 1951 GMDSS RQs
NovorossiyskRadio/UFN for safety test. (22Oct04) (RGA)
06312.0 003669991: USCG Boston 0204 GMDSS/HF calling
(responding) unid ship 310134000 reg. in Bermuda for safety
purpose (17-oct-2004)(MSM)
06312.0 003669995: USCG Portsmouth 0220 GMDSS/HF calling
Chinese ship BOAI "Teng He" for safety purpose
(17-oct-2004)(MSM)
06312.0 006221111: Alexandria Radio EGY 0305 GMDSS/HF
calling ship ZDFN6 VASADIEP for safety purpose
(17-oct-2004)(MSM)
06312.0 247199000: unid ship 0019 GMDSS/HF calling Lyngby
for safety purpose (17-oct-2004)(MSM)
06312.0 247444000: unid ship 2259 GMDSS/HF calling Lyngby
for safety purpose (17-oct-2004)(MSM)
06312.0 304030450: unid ship reg. Antigua and Barbuda 0148
GMDSS/HF calling Lyngby for safety purpose
(17-oct-2004)(MSM)
06312.0 311393000: unid shop reg. in Bahamas 0207 GMDSS/HF
calling Lyngby for safety purpose (17-oct-2004)(MSM)
06312.0 468310000: unid syrian ship 0037 GMDSS/HF calling
SVO for safety purpose (17-oct-2004)(MSM)
06312.0 9HET6: maltese ship "Michael S" 2354 GMDSS/HF

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06312.0 calling Lyngby for safety purpose (17-oct-2004)(MSM)
9HNO7: naltese ship "SINOVA" 0046 GMDSS/HF calling
9HQF7 "AVOR" for routine purpose with j3e rq 16543kHz
(17-oct-2004)(MSM)

06312.0 C6MQ5: Ship "SILVER CLOUD" 0412 GMDSS/HF calling
Cape Town Radio for safety purpose (17-oct-2004)(MSM)

06312.0 H0RB: Ship "HICKORY" 0435 GMDSS/HF calling ship
J8B2081 "Barents Bay" with routine J3E RQ 6,267MHZ
(17-oct-2004)(MSM)

06312.0 LAEJ5: norwegian ship "SPAR OPAL" 0357 GMDSS/HF with
general msg routine for Coast station group
(17-oct-2004)(MSM)

06312.0 LAOS5: norwegian Ship AUTOSTAR 0002 GMDSS/HF calling
Lyngby for safety purpose (17-oct-2004)(MSM)

06312.0 UAFB5: CIS ship "Seebreeze" 0138 GMDSS/HF calling
SVO for safety purpose (17-oct-2004)(MSM)

06322.5 UDK2: MurmanskRadio 1928 ARQ Autotelex then idle
with CW and KSKS data IDs. (13Nov04) (RGA)

06348.0 FUE: FNY Brest 1830 Rtty 150Bd/850Hz "VZCZABC001
ALL DE FUE TESTING RYRYRYR.....(12/OCT/04) (KK)

06358 PBC: DN Goeree 2036 RTTY/75/850 Carbs
(28/Oct/04) (RH2)

06358.5 PBC: RNethN Fleet Bcast Goree Is 1626 RTTY75/850
CARBS. (SkySweeper detected shift but failed to auto-detect
speed without restarting the programme. (03Nov04) (RGA)

06358.5 PBC: Royal Nth Ny Noordwijk 1833 Rtty 75Bd/850Hz
"02A 04B 06A 08A 12B 17A 22X PBC"
(12/OCT/04) (KK)

06370.9 GYU: RN Bcast System Gibraltar 2017 RTTY/75/200
CARBS 06a 08a. (13Nov04) (RGA)

06418 VTP: IN Vishakhapatnam 1826 CW Calls & Vs marker.
//4238. (29Oct04) (RGA)

06422.0 RS008: Prob. Macedonian Military, 1150 ALE/USB
calling CS002. =(05/10/04) (MR)

06449.7 PWZ33: BN Rio 2145 RTTY/75/850 Shipping info & wngs
in EE. (01/Nov/04) (RH2)

06467.5 HN42: MOI Algerian Police, ALG 1334 ALE/USB to JP54,
JP55, JP56, JP57, JP50, JP60, JP61 (07/Nov/04) (ZE)

06467.5 YA42: MOI Algerian Police, ALG 1345 ALE/USB to HN42
(07/Nov/04) (ZE)

06485.2 HLG: Soul R 1753 ARQ CW Marker. (20/Nov/04) (RH2)

06491.0 unid: 1017 USB encrypted voice syst Oct31 04 ML

06491.4 LOR: AN Puerto Belgrano 0030 RTTY/75/170 Nx/SS.
(08/Nov/04) (RH2)

06495 CFH: CF Halifax/0036 RTTY/75/850 Aero wx
(08/Nov/04). (RH2)

06495 ZSJ: SAN Silvermine 2001 MFSK32/54.5bd crypto //8604
(25/Nov/04) (RH2)

06505.0 bret: fishermen 0718 USB french d/x about lorient
with trawler engine sound in background Nov01 04 ML

06505.0 fishermen: 0745 USB french d/x inter ships
Oct24 04 ML

06513 VIA: Coast Guard Radio Vancouver BC Canada 0111 USB
With MIB in EE and FF. (18Oct04) (CC)

06516 : Bluefox Marine Net 0140 USB On ITU Marine Channel
606 Yacht club net on the west coast of the CALF and the
(Carina) (Yacht) with ship check ins then discussing the
weather at various locations. (24Oct04)

06529 A7-ACE: Kuwait Airways A330 2049 HF DL Signs on.
(18Oct04) (RGA)

06529 A7-AEA: Qatar Airways A330 Flt QR0002 2240 HF DL
Signs on. (14Nov04) (RGA)

06529 CN-RNX: Royal Air Maroc A321 Flt RAM751 2019 HF DL
Signs on. (18Oct04) (RGA)

06529 CN-RNY: Royal Air Maroc A321 Flt AT0731 2236 HF DL
Signs on. (14Nov04) (RGA)

06529 D-ALCE: Lufthansa Cargo MD11F 2235 HF DL Signs on to
ARINC Las Palmas. (14Nov04) (RGA)

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06529 I-LIVA: Livingstone A321 Flt LVG767 2000 HFDL Posn report 4524N 01053E to ARINC Las Palmas. (18Oct04) (RGA)

06529 N614FE: Federal Express MD11F 2113 HFDL Signs on to ARINC Las Palmas. (21Oct04) (RGA)

06529 OH-LBS: Finnair B757 2113 HFDL Signs on. (21Oct04) (RGA)

06529 VP-BWL: Aeroflot A319 2258 HFDL signs on. (14Nov04) (RGA)

06529 ZS-SXC: S.African Airways A340 2242 HFDL Signs on to ARINC Las Palmas. (14Nov04) (RGA)

06529.0 17: ARINC CANARIES 2145 HFDL on usb. Squitters reporting active freq 6. wkng flights AY2618 SA0262 SU0284 AY2510 thru 2200z (21/Oct)(DW)

06529.0 ARINC-17 Las Palmas: 2310 HFDL Squitters very low. No sync (19/10/04) (AJP)

06532.0 Aeroflot SU0261: 0709 HFDL/USB [HFNPDU PERFORMANCE] 07:09:20 UTC Flight ID = SU0261 LAT 54 6 13 N LON 27 30 40 E 16/Oct/2004 (TR)

06532.0 Aeroflot SU0316: 0607 HFDL/USB [HFNPDU PERFORMANCE] 06:07:40 UTC Flight ID = SU0316 LAT 66 21 2 N LON 12 46 27 W 16/Oct/2004 (TR)

06532.0 Aeroflot SU0316: 0607 HFDL/USB [HFNPDU PERFORMANCE] 06:07:40 UTC Flight ID = SU0316 LAT 66 21 2 N LON 12 46 27 W 16/Oct/2004 (TR)

06532.0 Continental CO0054: 0649 HFDL/USB [HFNPDU PERFORMANCE] 06:49:36 UTC Flight ID = CO0054 LAT 51 4 59 N LON 27 21 27 W 16/Oct/2004 (TR)

06532.0 Continental CO0054: 0649 HFDL/USB [HFNPDU PERFORMANCE] 06:49:36 UTC Flight ID = CO0054 LAT 51 4 59 N LON 27 21 27 W 16/Oct/2004 (TR)

06532.0 Continental CO0064: 0610 HFDL/USB [HFNPDU PERFORMANCE] 06:10:32 UTC Flight ID = CO0064 LAT 45 20 33 N LON 27 26 13 W 16/Oct/2004 (TR)

06532.0 Continental CO0064: 0610 HFDL/USB [HFNPDU PERFORMANCE] 06:10:32 UTC Flight ID = CO0064 LAT 45 20 33 N LON 27 26 13 W 16/Oct/2004 (TR)

06532.0 Korean Air KE0511: 0732 HFDL/USB [HFNPDU PERFORMANCE] 07:32:44 UTC Flight ID = KE0511 LAT 54 43 33 N LON 10 46 8 E 16/Oct/2004 (TR)

06532.0 Korean Air KE0511: 0732 HFDL/USB [HFNPDU PERFORMANCE] 07:32:44 UTC Flight ID = KE0511 LAT 54 43 33 N LON 10 46 8 E 16/Oct/2004 (TR)

06532.0 Lufthansa LH8297: 0608 HFDL/USB [HFNPDU PERFORMANCE] 06:08:24 UTC Flight ID = LH8297 LAT 45 33 21 N LON 16 56 31 E 16/Oct/2004 (TR)

06535 A6-ERF: Emirates A340 Flt UAE413 2125 HFDL At 1245N 08331E. (01Nov04) (RGA)

06535 B-6055: China Eastern A340-642 Flt MU554 2140 HFDL At 4352N 11138E. Ex F-WWCR. (01Nov04) (RGA)

06535 MU648: China Eastern Flt 2126 HFDL 2526N 11637E. (01Nov04) (RGA)

06535 N597FE: Federal Express MD11F Flt FX0019 2125 HFDL Reports 0906N 10920E to ARINC Hat Yai. (01Nov04) (RGA)

06572.1 : CIS Military 1636 MS-5/4800/DPSK/USB 0.1 offset is unusual. (01Nov04) (RGA)

06604 NEWYORK RADIO: New York VOLMET Service USA 2233 USB OM with aviation weather for US airfields. (06Nov04) (RGA)

06624 3IJG: CIS Military 1619 CW IBJF de 3IJG K Repeatedly. (01Nov04) (RGA)

06628 NEW YORK RADIO: NAT-E MWARA New York 0137 USB wkg Korean Airlines 253 (Boeing 744ERF) with selcal check (BEJQ) USB 0137 (21Oct04) (CC)

06628 SANTA MARIA: NAT-E MWARA Santa Maria 0132 USB wkg United 902 (selcal CFAR) (Boeing 767-300) with position report. (21Oct04) (CC)

06628 SANTA MARIA: NAT-E MWARA Santa Maria wkg American 166 (Boeing 767-300) with position report. (21Oct04) (CC)

06640.0 ARINC New York: 2153 USB w/Delta 344 in pp w/Delta

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Dispatch, San Juan PR. Delta 344 reports going through some severe turbulence. No injuries on board but wants Maintenance to check out the aircraft when they land in San Juan. 23/10 RP3

- 06640.0 ARINC New York: 2213 USB w/unidentified aircraft (callsign missed) 2/11/04 (RP)
- 06640.0 ARINC New York: 2214 USB w/UA 936 in selcal check (AG-ES). 02/11 RP3
- 06640.0 Reach 808: 2215 USB calling New York Radio w/selcal check. 02/11 RP3
- 06649 UAK: Unid 2055 ALE/USB Calls 2FY. (12Nov04) (RGA)
- 06649 UAK: Unid 2111 ALE/USB Calls 2FY. (06Nov04) (RGA)
- 06649.0 UAK: unid 1110 USB ALE/MIL-188-141A clg 2FY (01/NOV/04) (KK)
- 06650 : NATO Air Defence Data Modem 2113 LINK-11/2250/ISB TADIL-A. (06Nov04) (RGA)
- 06654.5 7BG: Pol Mil, IRQ? 1828 USB ALE clg 2BG (30/OCT/04) (KK)
- 06654.5 HQ4: Pol Mil, IRQ? 1802 USB ALE clg HQ6 (30/OCT/04) (KK)
- 06654.5 HQ4: Pol Mil, IRQ? 1830 USB ALE clg HQ1 (30/OCT/04) (KK)
- 06654.5 HQ6: Pol Mil, IRQ? 1724 USB ALE clg HQ4 (30/OCT/04) (KK)
- 06654.5 HQ6: Pol Mil, IRQ? 1816 USB ALE clg 2BG (30/OCT/04) (KK)
- 06676: AUSTRALIAN VOLMET: Sydney 1102 USB Same OM w/Aussie accent but they IDed as "Australian VOLMET". (23Oct04) (RB4)
- 06678.3 FRA6XL: unid fr. Station 1725 Packet 300Bd/300Hz very active cnt MBX Vernon "TO: MAIL FROM: FRA9LB- 8 (U:UI) 11-OctX19:30 zD/\Dz Mailbox FRA9LB"-8 Vernon zD/\Dz 6275 active messages. Messages for:NONE" (11/OCT/04) (KK)
- 06694.0 Halifax Military: 0002 USB w/Swordfish 21(CP-140,14TH WING CFB, GREENWOOD) sending immediate precedence message to MOC (Ministry of Commerce??) with position as 4676N/6037W. Then Swordfish 21 requests wx for CFB Greenwood. Probable Fisheries patrol. 08/10 RP3.
- 06694.0 Halifax Military: 0030 USB w/Rescue 311 (CC-130H # 130311, 413th transport /Rescue Sqdn, CFB Greenwood) in pp w/Halifax RCC. Halifax sets primary freq as 06694.0 and secondary as 05717.0. 08/10 RP3
- 06697 IRISHMAN: AKAC369 Msg 0354 USB 5 groups NEH CPM EN? 3LJ ?JY. Simulcast on at least 11244 with nothing heard on 8992 or 13155 and gone. (20 Oct 04) (JH)
- 06697.0 news Cast: was active at 0325z with NEWS CAST (good readable) bcsting a 45-character EAM (DI4AIT), with nothing heard on 13155.0, 8992.0 and 11244.0, TACAMO LANT? (27/10/04) (MR)
- 06700 P2Z1ID: Unid US Army/NGB 2147 ALE/USB Sounding. (31Oct04) (RGA)
- 06715 GUASPR: USAF Andersen AB, GUM 1549 ALE/USB snd tws (05/Nov/04) (ZE)
- 06715 IKFSPR: GHFS SIPRNet Keflavik ICE 2110 ALE/USB Sounding. (06Nov04) (RGA)
- 06715 IKFSPR: NAS Keflavik AB, ISL 1545 ALE/USB snd tws (05/Nov/04) (ZE)
- 06715 JDGSPR: US SIPRNet Stn Diego Garcia BIOT 2106 ALE/USB Sounding. (12Nov04) (RGA)
- 06715 JDGSPR: USAF Diego Garcia AB, BIO 1543 ALE/USB snd tws (05/Nov/04) (ZE)
- 06715 JTYSPR: USAF Yokota AB, J 1557 ALE/USB snd tws (05/Nov/04) (ZE)
- 06715 PLASPR: USAF Lajes Field AB, AZR 1557 ALE/USB snd tws (05/Nov/04) (ZE)
- 06715.0 ADWSPR: US HFGCS ANDREWS 0311 MIL.STD 188-141A ALE on usb. Sounding (07/Nov)(DW)
- 06715.0 CROSPR: US HFGCS CROUGHTON 0012 MIL.STD 188-141A ALE on usb. Sounding (07/Nov)(DW)

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06715.0 HAWSPR: US HFGCS ASCENSION 0622 MIL.STD 188-141A ALE on usb. Sounding (07/Nov)(DW)
06715.0 IKFSPR: US HFGCS KEFLAVICK 0312 MIL.STD 188-141A ALE on usb. Sounding. Also 0755 (07/Nov)(DW)
06715.0 JNRSPR: US HFGCS SALINAS 0424 MIL.STD 188-141A ALE on usb. Sounding, also 0554 (07/Nov)(DW)
06715.0 JNRSPR: US HFGCS SALINAS 2244 MIL.STD 188-141A ALE on usb.Sounding (06/Nov)(DW)
06715.0 OFFSPR: US HFGCS OFFUTT 0756 MIL.STD 188-141A ALE on usb. Sounding (07/Nov)(DW)
06715.0 PLASPR: US HFGCS LAJES 0423 MIL.STD 188-141A ALE on usb. Sounding (07/Nov)(DW)
06721 SENTRY 51: (E3) 0036 USB wkg "Metro" after ALE. (06Nov04) (RB)
06721.0 020180: USAF UNID? 0050 MIL.STD 18-141A ALE on usb. Sounding. Also at 0135. 0531 c1ng ADW (07/Nov)(DW)
06721.0 170043: (C-5 # 80-0043): 1748 USB/ALE sounding. 23/10 RP3
06721.0 510318: USAF KC-135 61-0318 0112 MIL.STD 18-141A ALE on usb. C1ng ADW. 0120 c1ng/wkng JNR. 0138 c1ng CRO. 0344 c1ng/wkng OFF (07/Nov)(DW)
06721.0 CRO: US HFGCS CROUGHTON 0611 MIL.STD 188-141A ALE on usb. Sounding. Also 0702 (07/Nov)(DW)
06721.0 DIF: US HFGCS? UNID 0752 MIL.STD 188-141A ALE on usb. C1ng "?" [AMD]ccccpt (07/Nov)(DW)
06721.0 HAW: US HFGCS ASCENSION 0700 MIL.STD 188-141A ALE on usb. Sounding (07/Nov)(DW)
06721.0 ICZ: US HFGCS SIGONELLA 0025 MIL.STD 188-141A ALE on usb. Sounding. Also 0405 0633 (07/Nov)(DW)
06721.0 JDG: US HFGCS DIEGO GARCIA 2314 MIL.STD 188-141A ALE on usb. C1ng JTY (06/Nov)(DW)
06721.0 JNR: US HFGCS SALINAS 0028 MIL.STD 188-141A ALE on usb. C1ng MCC. 0120 responding to 510318. Sounding 0453, 0704 (07/Nov)(DW)
06721.0 JNR: US HFGCS SALINAS 2310 MIL.STD 188-141A ALE on usb. Sounding (06/Nov)(DW)
06721.0 MPA: US HFCGS PORT STANLEY 0635 MIL.STD 188-141A ALE on usb. Sounding (07/Nov)(DW)
06721.0 OFF: US HFGCS OFFUTT 0206 MIL.STD 188-141A ALE on usb. Sounding. Also 0803. 0344, responding to 510318. 0801 c1ng MCC (07/Nov)(DW)
06721.0 PLA: US HFGCS LAJES 0256 MIL.STD 188-141A ALE on usb. Sounding. Also 0605, 0702 (07/Nov)(DW)
06739 JURRASIC(?): w/2 EAMS (did not get preamble) USB 0340 (08nov04) (BC2)
06739 OFFUTT: USAF Offutt AFB NE 2210 USB with EAM 217 characters. (28Oct04) (CC)
06757.7 MKL: RN Northwood 2041 RTTY/75/850 Crypto bursts //8987.7 (28/Oct/04) (RH2)
06758.5 MKL: RN Northwood 0050 RTTY/75/850 Crypto bursts //11212.5 (08/Nov/04) (RH2)
06772.5 unid: British Military 19:39 Piccolo 12 / 20 / 250 encrypted traffic ,S9+30 dB signal presumed Londen 7oct04 (PPA)
06777.2 Alfa-Tango: DRAT: F-210 EMDEN 4. FG wilhelmshaven 2144 USB wkg DHJ59: wilhelmshaven, weak, qsy to MRL 59/04?: 4152.5 khz Stanag-4285 (19/OCT/04) (KK)
06777.2 DHJ59: wilhelmshaven 1335 USB ee work DRAT emden class 210 frigate/frq check in usb & data in unid dig mode Oct16 04 ML
06783 HMA: 0725 CW / 5FG (03/Nov/2004) (Attu Bosch)
06783 HMA: Pyongyang Meteo 1833 CW vvv vvv vvv cp cp cp de hma hma hma. Previously logged on 3160 khz on 27 March this year. (07Nov04) (AB2)
06783 HMA: Pyongyang Meteo 1857 CW vvv vvv vvv cp cp cp de hma hma hma resumed 5FG. HMA transmitter has a rough cw note. (05Nov04) (AB2)
06797.0 Unid: Cuban DGI 2227 AM 5FG (01/11/04) (AJP)

06799.5 unid: 1008 USB ee d/x work SDJ? Oct24 04 ML
06800 0000006138: Prob Turkish Net 2158 ALE/USB Sounding.
(14Nov04) (RGA)
06800.0 CIP304: (Canadian military): 0001 USB/ALE TO CIP34
(Canadian military). 24/10 RP3 NOTE: Thanks to tip from Mike
Chace-Ortiz.
06800.0 CIP30: (Canadian military): 1138 USB/ALE TO CIP301
(Canadian military). 24/10 RP3
06800.0 CIP: (Canadian military): 1335 USB/ALE TO CIP40
(Canadian military). 24/10 RP3
06801.5 unid: ukf ? or gf? 1010 USB ee d/x (seems to be same
voice as 6799.5) for 2A for radiocheck Oct24 04 ML
06802.0 TN2: & PV2: 2309 USB ALE (29/SEP/04) (JLM)
06810.0 ALYBATGELVIL: Motorised Infantry Batalion, Alytus,
LTU 0623 USB ALE/MIL-188-141A clg ARTBATGELVIL: Artillery
Batalion "Iron wolf" Rukla, Jonava Region (12/OCT/04) (KK)
06810.0 ALYBATGELVIL: Motorized Infantry Batalion, Alytus,
LTU 0618 USB ALE/MIL-188-141A clg RUKBATGELVIL: "Grand Duke
Algirdas" Motorized Infantry Battalion, Rukla, Jonava Region
(12/OCT/04) (KK)
06810.0 ALYBATGELVIL: Motorized Infantry Batalion, Alytus,
LTU 0620 USB ALE/MIL-188-141A clg TAUBATGELVIL: "Iron wolf"
Battalion Taurages (12/OCT/04) (KK)
06810.0 ALYBATGELVIL: Motorized Infantry Battalion, Alytus,
LTU 0614 USB ALE/MIL-188-141A clg MPB1GELVIL: 1st motorized
Infantry Brigade "Iron wolf" (12/OCT/04) (KK)
06810.0 ALYBATGELVIL: Motorized Infantry Battalion, Alytus,
LTU 0616 USB ALE/MIL-188-141A clg PANBATGELVIL: "King
Mindaugas Motorized Infantry Battalion Pajuostis, Panevėpys
Region (12/OCT/04) (KK)
06810.0 MPB2GELVIL: 2nd motorized Infantry Brigade "Iron
wolf" Pemitija, LTU 0909 USB ALE/MIL-188-141A clg
MPB1GELVIL: 1st motorized Inf. Brigade "Iron wolf"
(11/OCT/04) (KK)
06810.0 TAUBATGELVIL: "Iron wolf" Battalion Taurages, LTU
0601 USB ALE/MIL-188-141A clg RUKBATGELVIL: "Grand Duke
Algirdas" Motorized Infantry Battalion, Rukla, Jonava Region
(12/OCT/04) (KK)
06810.0 TAUBATGELVIL: "Iron wolf" Battalion Taurages, LTU
0636 USB ALE/MIL-188-141A clg ARTBATGELVIL: Artillery
Battalion "Iron wolf" Rukla, Jonava Region (12/OCT/04) (KK)
06825.0 CENTR8: MFA BUCHAREST 0736 MIL.STD 188-141A ALE on
usb. Clnq FQS. Also 0740 0751 0802 0813 (13/Nov)(DW)
06834.0 CENTR8: MFA BUCHAREST 0736 MIL.STD 188-141A ALE on
usb. Clnq FQS. Also at 0739 (13/Nov)(DW)
06835.0 JGW: Prob Romanian Mil, 1840 ALE/USB with WQW, RWG,
Y6F and TTY. (02/Nov/04) (MR)
06835.0 WQW: UNID 0005 MIL.STD 188-141A ALE on usb. Clnq
Y6F. Also 0527 (13/Nov)(DW)
06835.0 WQW: UNID 0005 MIL.STD 188-141A mALE on usb. Clnq
Y6F. Also 0405, 0445 (16/Nov)(DW)
06837 : Russian FAPSI 2205 RTTY/200.4/460 Formatted
figures data like 80002: +(16 figures) 82914: +16 figures).
Went to mark at 2208z then offair. (06Nov04) (RGA)
06840 NYZ: 1724 CW / duplex; called: Q2M sent 5FG
traffic at: 1730utc (02/Nov/2004) (Attu Bosch)
06845 550009: Unid 2131 ALE/USB Sounding. (14Nov04) (RGA)
06845 DKL: UK Military Net Dhekelia Cyprus? 2153 ALE/USB
Sounds. (31Oct04) (RGA)
06845 DKL: UK Military Prob Dhekelia CYP 2206 ALE/USB
Sounding. (14Nov04) (RGA)
06845.0 DKL: UK MIL DHEKELIA 0004 MIL.STD 188-141A ALE on
usb. Sounding. Also 0040, 0153. (13/Nov)(DW)
06848 0000001111: Prob Turkish Net 2219 ALE/USB Sounding.
(14Nov04) (RGA)
06848.0 0000001111: TURKISH NAT INTEL ?LOC 0257 MIL.STD
188-141A ALE on usb. Sounding. Also 0357 (13/Nov)(DW)
06848.0 0000001111: TURKISH NAT INTEL ?LOC 2325 MIL.STD

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188-141A ALE on usb. Sounding. Also 2355 (12/Nov)(DW)
06848.0 0000002237: TURKISH NAT INTEL ?LOC 0311 MIL.STD
188-141A ALE on usb. Sounding. Also 0441, 0642, 0743
(13/Nov)(DW)
06861.5 unid: North korean diplo 04:06 ITA2 / 50 / 1000 5F
groups after mf300/95 nr0752 w-0163 9oct04 (PPA)
06870.0 DESTAFAC23: VENEZUELAN NG ?LOC 0335 MIL.STD 188-141A
ALE on usb. CIng CGGN (13/Nov)(DW)
06870.0 JUFAN3: VENEZUELAN NG ?LOC 0305 MIL.STD 188-141A ALE
on usb. CIng CUF (13/Nov)(DW)
06874.0 fishermen: 0832 USB french Oct23 04 ML
06877 : Russian Military 1612 REVS/50/200 Prob BEE-36/50
idling. (01Nov04) (RGA)
06888.0 64B: VENEZUELAN SHIP LOS LLANOS 0055 MIL.STD
188-141A ALE on usb. Ckng CGA (14/Nov)(DW)
06888.0 BNA: VENEZUELAN NAVY 0016 MIL.STD 188-141A ALE on
usb. CIng BNF. Also 0035, 0120 (14/Nov)(DW)
06895.0 64B: VENEZUELAN SHIP LOS LLANOS 0101 MIL.STD
188-141A ALE on usb. CIng CGA. Also 0141. 0326 cIng BNA
(14/Nov)(DW)
06895.0 BNF: VENEZUELAN NAVY 0107 MIL.STD 188-141A ALE on
usb. CIng CGA (14/Nov)(DW)
06900.0 AMM: FRENCH EMB AMMAN 0308 MIL.STD 188-141A ALE on
usb. CIng CER42 (14/Nov)(DW)
06900.0 AMMAN: French embassy Amman JOR 03:32 ALE/USB
establishing modem traffic with Paris CER42 9oct04 (PPA)
06900.0 CER42: MFA PARIS 0308 MIL.STD 188-141A ALE on usb.
Responding to AMM (14/Nov)(DW)
06906 : CIS Military 1516 81-81/81/500 slow revs. Opchat
. Into cipher at 1537z. (01Nov04) (RGA)
06906.0 1101: TAIWAN FRIGATE CHEUNG KUNG 0142 MIL.STD
188-141A ALE on usb. Sounding. (14/Nov)(DW)
06911.5 EAATS (Eastern Army Aviation Training Site, Muir AAF
Ft Indiantown Gap PA): 1745 USB/ALE sounding. 08/10 RP3
06911.5 KRUQNG: (North Carolina ARNG, Rowan County Airport,
Salisbury, NC): 1441 USB/ALE sounding. 12/10 RP3
06912.0 SYN2: Numberstation 1947 USB fem. Voice: Sierra-
Yankee-November-Two (30/OCT/04) (KK)
06913.5 90V1: ?? 1006 USB/ALE to 90T1 / to 534 / to 534A &
reply trans Nov0604 ML
06915.0 fishermen: 1012 USB span d/x Nov06 04 ML
06915.0 TN2: & PV2: 2308 USB ALE (29/SEP/04) (JLM)
06920.0 AY630: Argentine Police 2224 USB SS Two tones
(selective call ?)and radiograms (30/10/04) (AJP)
06921 SYN2: Counting Station (English Female) 2245 USB
(28Oct04) (CC)
06930.0 CIO2: Numberstation 1850 USB female voice: Charlie-
India-Oscar-Two (02/OCT/04) (KK)
06930.0 CIO2: Numberstation 1850 USB female voice: Charlie-
India-Oscar-Two (02/OCT/04) (KK)
06930.0 CIO2: Numberstation 1948 USB fem Voice: Charlie-
India-Oscar-Two (30/OCT/04) (KK)
06952 ALD: UN Al Dayr IRQ 1939 ALE/USB wkg NASHWA/Al
Nashwa. (26Oct04) (RGA)
06952 ALDAYR: Al Dayr,IRQ 1745 ALE/USB to ALMADINAH
(27Oct04) (ZE)
06952 ALMADINAH: Al Madinah,IRQ 1744 ALE/USB to ALDAYR
(27Oct04) (ZE)
06952 ALMADINAH: Al Madinah,IRQ 1756 ALE/USB to ALFAW
(27Oct04) (ZE)
06952 ALMADINAH: Al Madinah,IRQ 1806 ALE/USB to UMMQASIR
(27Oct04) (ZE)
06952 ALQ: UN Al Qurnah IRQ 1839 ALE/USB wkg
ALDAYR/Aldayr. (26Oct04) (RGA)
06952 KAS: Unid 1912 ALE/USB wkg ALSHIFI/Unid.
(26Oct04) (RGA)
06952 UMMKHAYAL: Al Ummkhaya1,IRQ 1735 ALE/USB to ALFAW
(27Oct04) (ZE)

06952 UMMKHAYAL: Al Ummkhaya1,IRQ 1801 ALE/USB to
GDCALMUTHANA (27Oct04) (ZE)

06952 UMMKHAYAL: Al Ummkhaya1,IRQ 1807 ALE/USB to ZUBAIR
(27Oct04) (ZE)

06952 UMMQASIR: Al Ummqasir,IRQ 1808 ALE/USB to UMMKHAYAL
(27Oct04) (ZE)

06952.0 ALDAYR: Al Dayr, IRQ 1946 USB ALE/MIL-188-141A c1g
ALMADINAH: Al Madinah (20/OCT/04) (KK)

06952.0 ALDAYR: Al Dayr, IRQ 1947 USB ALE/MIL-188-141A c1g
NASHWA: Al Nashwa (20/OCT/04) (KK)

06952.0 ALDAYR: Al Dayr, IRQ 2005 USB ALE/MIL-188-141A c1g
NASHWA: Al Nashwa (20/OCT/04) (KK)

06952.0 ALDAYR: Al Dayr, IRQ 2125 USB ALE/MIL-188-141A c1g
NASHWA: Al Nashwa (20/OCT/04) (KK)

06952.0 ALDAYR: Al Dayr,IRQ 1745 ALE/USB to ALMADINAH
(27OCT04) (ZE)

06952.0 ALHUAYR: Al Huwayr, IRQ 1936 USB ALE/MIL-188-141 c1g
ATALHA: Al Talhah (20/OCT/04) (KK)

06952.0 ALHUAYR: Al Huwayr, IRQ 2014 USB ALE/MIL-188-141A
c1g ALDULUIYAH: Ad Duluiyah (20/OCT/04) (KK)

06952.0 ALHUAYR: Al Qurnah, IRQ 2118 USB ALE/MIL-188-141A
c1g ALM: Al Madinah [AMD]YLM•••NAHADINAH (20/OCT/04) (KK)

06952.0 ALM: Al Madinah, IRQ 2010 USB ALE/MIL-188-141A c1g
BASRAH: Basrah (20/OCT/04) (KK)

06952.0 ALMADINAH: Al Madinah,IRQ 1744 ALE/USB to ALDAYR
(27OCT04) (ZE)

06952.0 ALMADINAH: Al Madinah,IRQ 1756 ALE/USB to ALFAW
(27OCT04) (ZE)

06952.0 ALMADINAH: Al Madinah,IRQ 1806 ALE/USB to UMMQASIR
(27OCT04) (ZE)

06952.0 ALQURNAH: Al Qurnah, IRQ 1949 USB ALE/MIL-188-141A
c1g AMARAH: Al Amrah (20/OCT/04) (KK)

06952.0 ALQURNAH: Al Qurnah, IRQ 1951 USB ALE/MIL-188-141A
c1g UMMQASIR: Umm Qasar (20/OCT/04) (KK)

06952.0 ALQURNAH: Al Qurnah, IRQ 1952 USB ALE/MIL-188-141A
c1g ALDAYR: Ad Dayr (20/OCT/04) (KK)

06952.0 ALQURNAH: Al Qurnah, IRQ 1953 USB ALE/MIL-188-141A
c1g ALSHAFI: Ash Shafi (20/OCT/04) (KK)

06952.0 ALQURNAH: Al Qurnah, IRQ 2033 USB ALE/MIL-188-141A
c1g ALHUAYR: Al Huwayr (20/OCT/04) (KK)

06952.0 ALQURNAH: Al Qurnah, IRQ 2123 USB ALE/MIL-188-141A
c1g ALDAYR: Al Dayr (20/OCT/04) (KK)

06952.0 NASHWA: Al Nashwa, IRQ 1939 USB ALE/MIL-188-141A c1g
ALSHAFI: Ash Shafi (20/OCT/04) (KK)

06952.0 NASHWA: Al Nashwa, IRQ 1943 USB ALE/MIL-188-141A
c1g ALDAYR: Ad Dayr (20/OCT/04) (KK)

06952.0 UMMKHAYAL: Al Ummkhaya1,IRQ 1735 ALE/USB to ALFAW
(27OCT04) (ZE)

06952.0 UMMKHAYAL: Al Ummkhaya1,IRQ 1801 ALE/USB to
GDCALMUTHANA (27OCT04)(ZE)

06952.0 UMMKHAYAL: Al Ummkhaya1,IRQ 1807 ALE/USB to ZUBAIR
(27OCT04) (ZE)

06952.0 UMMQASIR: Al Ummqasir,IRQ 1808 ALE/USB to UMMKHAYAL
(27OCT04) (ZE)

06966.0 0000001220: TURKISH NAT INTEL ?LOC 0021 MIL.STD
188-141A ALE on usb. Sounding. Also 0122 0253 0454 0756
(15/Nov)(DW)

06966.0 0000001220: TURKISH NAT INTEL ?LOC 2049 MIL.STD
188-141A ALE on usb. Sounding. (14/Nov)(DW)

06968.5 FCW5 1600z: "vvv vvv vvv de fcw5 fcw5 fcw5
2oct04 (FM)

06975.0 BIL: Swedish Mil 1239 USB ALE/MIL-188-141A c1g HUS
[AMD]7OV BIL (19/OCT/04) (KK)

06975.0 BIL: Swedish Mil 1239 USB ALE/MIL-188-141A c1g HUS
[AMD]6WRK7H (19/OCT/04) (KK)

06975.0 BIL: Swedish Mil 1240 USB ALE/MIL-188-141A c1g HUS
[AMD]UPPFAT (19/OCT/04) (KK)

06975.0 VXO: Swedish Mil 1242 USB ALE/MIL-188-141A c1g HUS

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[AMD] 4100HUS^191444VXO^197_4TESTMEDDELANDE FR]N VXO TILL
HUS MED RA1951ABCDEFGHIJKLMNORSTUVWX (19/OCT/04) (KK)

06975.0 VXO: Swedish Mil 1242 USB ALE/MIL-188-141A c1g HUS
[AMD]6WSUBG (19/OCT/04) (KK)

06975.0 VXO: Swedish Mil 1242 USB ALE/MIL-188-141A c1g HUS
[AMD]7OVVXO (19/OCT/04) (KK)

06975.0 VXO: Swedish Mil 1242 USB ALE/MIL-188-141A c1g HUS
[AMD]UPPFAT (19/OCT/04) (KK)

06980 : Shrimp Boats 2116 USB English males.
(20Oct04) (CC)

06981 HR: Algerian Sonatrach Hassi R'Mel ALG 2135 ALE/USB
Sounding. (14Nov04) (RGA)

06985 USAIS1012: US Army Ft. Belvoir, VA 2302 ALE/USB
TO:USADA1010 (probably US Army) THIS IS: USAIS1012 ()
USB/ALE 2302 followed by any traffic for OSCAR SIERRA I have
nothing out. (20Oct04) (CC)

06995 Lincolnshire Poacher Numbers Station) 2226 USB Also
noted on 11545. (18Oct04) (CC)

07039 D: MX Beacon Odessa 0051 CW //8495 10872 13528
16332. (20Oct04) (WC)

07039 D: MX Beacon Odessa 0636 CW //10872 13528 16332.
(12Nov04) (WC)

07054.5 L9CC: Chinese Military (tent. Navy) CHN 1905 CW
c1g-marker to CP17 "V CP17 CP17 CP17 de L9CC L9CC".
(23-Oct-04) & 2240z (17-Oct-04). "V CP17 CP17 CP17 de L9CC
L9CC". (22-Oct-04) (DL8AAM)

07059.7 L9CC: Chinese Military, tent. Navy 1840 cw calling-
marker to CP17. (02/Nov/02)(DL8AAM)

07074 2SLC: Chinese Military (tent. Navy) CHN 2355 CW
Clg-marker to MW3D "V MW3D MW3D MW3D de 2SLC 2SLC".
(24-Oct-04) (DL8AAM)

07077.5 D: Russian Navy Odessa, UKR 2223 CW single-letter-
beacon "D", maybe a spurious freq from the 7039 khz cluster
? (03/Nov/04)(DL8AAM)

07080.7 L9CC: Chinese Military (tent. Navy) CHN 2115 CW
c1g-marker to CP17 "V CP17 CP17 CP17 de L9CC L9CC".
(02-Oct-04) (DL8AAM)

07086.7 L9CC: Chinese Military, tent. Navy 0100 cw calling-
marker to CP17. (02/Nov/02)(DL8AAM)

07122 : Russian Military 1601 36-50/50/180 At least 2
messages. (01Nov04) (RGA)

07361.5 T1Z159: (1/159th Avn, Simmons AAF, Ft Bragg NC):
1559 USB/ALE sounding. Also noted sounding on 09295.0.
12/10 RP3

07361.5 T1Z159: (1/159th Avn, Simmons AAF, Ft Bragg NC):
2042 USB/ALE TO R26592 (UH-60L, 1/159th Avn). 20/10 RP3

07390.0 AA1: ISRAELI AF BEN GURION 0140 MIL.STD 188-141A ALE
on usb. Sounding (23/Oct)(DW)

07390.0 AA1: ISRAELI AF BEN GURION 2340 MIL.STD 188-141A ALE
on usb. Sounding (22/Oct)(DW)

07390.0 BB1: ISRAELI AF PALMACHIM 0505 MIL.STD 188-141A ALE
on usb. Sounding (23/Oct)(DW)

07390.0 CLC51: VENEZUELAN ARMY CAICARA 0107 MIL.STD 188-141A
ALE on usb. Clng PCR5. 0537 clng SCLC513 (23/Oct)(DW)

07390.0 PCRC5: VENEZUELAN ARMY 0048 MIL.STD 188-141A ALE on
usb. Clng SCLC521. Also 0057, 0105 (23/oct)(DW)

07390.0 SCLC514: VENEZUELAN ARMY CUIDAD BOLIVAR 0114 MIL.STD
188-141A ALE on usb. Clng CLC51. Also 0218, 0456
(23/Oct)(DW)

07390.5 unid: 1042 MSFK16 ?? encryp Oct31 04 ML

07475.0 FREDGAS: (Washington Gas & Light Company, Frederick,
MD): 1612 LSB/ALE sounding. 25/10 RP3

07500 2009: UNID Corpo Carabinieri station, I? 1207
LSB/MIL-STD 188-141A, calling "2008" & "2004" at 13:47 UTC
(12Nov04) (LDO)

07500 AA1: UNID station in Europe, 0800 USB/MIL-STD
188-141A calling "ACCES1" [=collective call], only "AT1"
responding (13Nov04) (LDO)

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- 07500 AT1: UNID station in Europe, 0800 USB/MIL-STD 188-141A responding to "AA1" (13Nov04) (LDO)
- 07500 MAMBO: UNID Spanish station?, E? 1013 USB/MIL-STD 188-141A calling "CORZO" & later "VIGIA" (10Nov04) (LDO)
- 07500 VIGIA: UNID Spanish station?, E? 1248 USB/MIL-STD 188-141A calling "FAISAN" (10Nov04) (LDO)
- 07508 ZSJ: Afmet/Hydrosan 0938 RTTY/75/170 wx incl Meteo France. //13538 & 18238. (28/Oct/04) (RH2)
- 07508 ZSJ: SAN Silvermine 0930 RTTY/75/170 wx (11/Nov/04) (RH2)
- 07510.0 USAIS1012: (US Army Intelligence & Security Command, Ft Belvoir VA): 1408 USB/ALE TO USADA1010 (unidentified US Army Command). 27/10 RP3
- 07510.0 USAIS1012: US Army Intel&Sec.Com. Ft Belvoir VA 2254 USB ALE/MIL-188-141A clg USADA1010 US Dep. of Agriculture Voice Call: Uniform-Five-Victor, this is Alfa-Two-Zulu (31/OCT/04) (KK)
- 07512 MUNICH: Rhode & Schwarz Munich D 1015 ALE/USB snd tws (19Oct04) (ZE)
- 07512.0 COLOGNE: Rohde & Schwarz Cologne, D 1518 USB/MIL-STD 188-141A calling MUNICH (12Oct04) (LDO)
- 07512.0 MUNICH: Rohde & Schwarz HQ Munich, D 2015 USB/MIL-STD 188-141A sounding (12Oct04) (LDO)
- 07512.0 PARIS: Rohde & Schwarz Paris, F 0851 USB/MIL-STD 188-141A calling MUNICH (13Oct04) (LDO)
- 07518.5 PELICAN 1014: Unid RAF 1252 USB Air defence tracking messages. Various NATO style tactical callsigns also seen. (31Oct04) (RGA)
- 07518.5 Unid: nato flights trainings 1056 USB work NK W data speed pos "request rocket..." OCT31 04 ML
- 07521.5 FDY: FAF Orléans 1250 RTTY/50/400 Bricks tests. (31Oct04) (RGA)
- 07525.3 Unid: 2215 CW (in progress) w/5-letter cipher msg which ends GATID GATID GATID KKK. 12/10 RP3
- 07526.0 Y/L (SS): 0933 USB w/5-figure groups. 14/10 RP3
- 07527 J16: Unid 0201 ALE/USB Sounding. (10Nov04) (BC2)
- 07527.0 Camslant Chesapeake: 2340 USB in ALE and voice w/Julliet 03 (not heard). 19/10 RP3
- 07527.0 J15: (HH-60 # 6015, CGAS Clearwater): 0031 USB/ALE w/OPB (DEA OPBAT, Nassau Bahamas)--then in voice with Panther passing encoded position report (too weak to copy). 04/11 RP3
- 07527.0 J35: (HH-60 # 6035, CGAS ???): 1846 USB/ALE w/LNT then in voice giving position as 3611N/7603W. NOTE: HH-60 # 6035 was last noted in San Diego in October. 03/11 RP3
- 07527.0 J37: (HH-60 # 6037, CGAS Elizabeth City): USB/ALE polling LNT. Then Julliet 37 in voice calling Camslant w/no response. 03/11 RP3
- 07527.0 Service Center (BICE): 2350 USB in ALE & voice w/F04 (not heard). Service Center syas that F04 is weak and barely audible despite a very good ALE LQA value. 19/10 RP3
- 07535.0 USS Ramage: (DDG 61, NORFOLK, VA): 1555 USB w/Norfolk SESEF in radio checks. 04/11 RP3
- 07566.0 rcv : ukr navy Sevastopol 1700 cw rir96 de rcv qsa 3 k rir96 de rcv qru k 240kt04 (wp3)
- 07566.0 rcv : ukr navy Sevastopol 1700 cw rir96 de rcv qsa 3 k rir96 de rcv qru k 240kt04 (wp3)
- 07570.0 604001: Unid, 1820 ALE/USB with 605001 and 100001. (02/Nov/04) (MR)
- 07570.0 PHOENIXCMD: US Mil, 2045 ALE/USB. (02/Nov/04) (MR)
- 07590.0 AFRTS/AFN: US military HF feeder 0720 USB / with news and information. Parallel with 5446.5 & 6350.0 kHz (26Oct.2004) (Midwest USA)
- 07592 : Prob RN Secure Bcast 1335 NATO-75/75/850 KG84 blocked messages. Nothing heard on usual parallels. (06Nov04) (RGA)
- 07595.8 : Unid 1351 RTTY/50/160 Enciphered Baudot with many embedded strings of repeated letters (mostly Xs). Not

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masked. Freq: 7595.85 kHz. (06Nov04) (RGA)
07598.0 unid: italian net.fishermen ?? 0734 LSB fish
auctions live??Nov01 04 ML
07600.0 CIP 77: (unidentified, Canadian Army): 2232 USB/ALE
TO CIP46 (Canadian Army, 46th Brigade Group). 27/10 RP3
07600.0 CIP32: (Canadian Army, 32nd Brigade Group, Toronto):
2358 USB/ALE TO CIP77 (unidentified, Canadian Army). Then
into clear voice w/radio checks. 28/10 RP3
07600.0 CIP36: (Canadian Army, 36th Brigade Group, Halifax
Nova Scotia): 2214 USB/ALE TO CIP77 (unidentified, Canadian
Army). 27/10 RP3
07600.0 CIP77: (unidentified, Canadian Army): 0013 USB/ALE
TO CIP32 (Canadian Army 32nd Brigade Group, Toronto ON).
29/10 RP3
07600.0 CIP77: (unidentified, Canadian Army): 0016 USB/ALE
TO CIP36 (Canadian Army 36th Brigade Group, Halifax, Nova
Scotia). Then in clear voice CIP 77 asks CIP32 (not heard)
if they are ready to receive traffic. Data signal used to
transmit traffic. 29/10 RP3
07620 006666: Turkish Net 2211 ALE/USB Calls 000001.
(31Oct04) (RGA)
07621.6 CGD9: (CG District 9, Cleveland OH): 1720 USB/ALE
sounding. 29/10 RP3
07630.0 Unid: 1054 FSK 100/500 ACF=3D0 (01/11/04) (AJP)
07644.2 RFVI: FN Le Port 0300 ARQ-E3 "Controle de voie"
(31/10/04)(AJP)
07650.0 123: (probable test/default setting): 1335 USB/ALE
TO 789 (probable test/default setting). 28/10 RP3
07650.0 T2Z238: (2/238th Avn, IN NG Shelbyville IN): 1536
USB/ALE sounding. Also sounding on 08171.5 & 11493.5.
17/10 RP3
07660 : Russian Military 2120 RIS-75/75/220 Cipher.
Another on 7654 kHz. (26Oct04) (RGA)
07661.5 GDCMAYSAN: Unid prob Iraq net, 2136 ALE/USB. Also on
this freq GDCDHIQAR. (02/Nov/04) (MR)
07666.5 Unid: (SS): 0409 USB w/o/M (SS). 29/10 RP3
07676.0 unid: 0830 ITA2/ 75 unclear ?? Oct30 04 ML
07676.8 unid: 2120 GMDSS 24H? Semi-automatic/
automatic
ship-to-shore call (02/OCT/04) (KK)
07678 2XAU: CIS Military 1212 CW 2XAU R 271 K. At 1218z:
2QQ8 de 2XAU K. R K. Frequency logged by Michel Lacroix
earlier. (06Nov04) (RGA)
07678.0 unid: 1024 cw Nov06 04 ML
07690.0 WLB2: Numberstation 1545 USB fem. Voice: Victor-
Lima-Bravo-Two (30/OCT/04) (KK)
07696.0 rjf94 : 1711 cw rjc38 de rjf94 qsa ? k 1714z: vvv
rch84 rch84 rch84de rjf94 rjf94 qsa ? k 240kt04 (wp3)
07696.0 rjf94: : 1711 cw rjc38 de rjf94 qsa ? k 1714z: vvv
rch84 rch84 rch84 de rjf94 rjf94 qsa ? k 240kt04 (wp3)
07716.7 egy Emb: 1811 sitor-a tfc atu-aa 1812z:tvvx
130kt04 (wp3)
07721.0 UNK: UNK 1600 MFSK? ??/?? 300 Hz wide. Looked like
MFSK16 but no decode USB or LSB (04/Nov/104) (Fibber)
07722.5 Unid: 0150 Piccolo 12 (30/10/04) (AJP)
07722.6 unid: 1121 MSFK16 ??-same mode as 7390- encryp
Oct31 04 ML
07739 CNDG: Centre National Dispatching Gas, ALG 2048
ALE/LSB snd. (17OCT04) (ZE)
07739 GASSI30P: Algier Gas & Oil Gassi Touil, ALG 0055
ALE/LSB snd. (18OCT04) (ZE)
07739 INAS30P: Algier Gas & Oil In Amenas, ALG 2118
ALE/LSB snd. (17OCT04) (ZE)
07739 MEDER30P: Algier Gas & Oil Medera, ALG 2054 ALE/LSB
snd. (17OCT04) (ZE)
07739 OHT30P: Algier Gas & oil ohanet, ALG 2106 ALE/LSB
snd. (17OCT04) (ZE)
07739.0 CNDG: Centre National Dispatching Gas, ALG 0009 LSB
ALE/MIL-188-141A snd (14/OCT/04) (KK)

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07739.0 CNDG: Centre National Dispatching Gas, ALG 0041 LSB
ALE/MIL-188-141A snd (14/OCT/04) (KK)

07739.0 CNDG: Centre National Dispatching Gas, ALG 0145 LSB
ALE/MIL-188-141A snd (14/OCT/04) (KK)

07739.0 CNDG: Centre National Dispatching Gas, ALG 2301 LSB
ALE/MIL-188-141A snd (14/OCT/04) (KK)

07739.0 GASSI30P: Algier Gas & Oil Gassi Touil 0213 LSB
ALE/MIL-188-141A snd (14/OCT/04) (KK)

07739.0 INAS30P: Algier Gas & Oil In Amenas 0009 LSB
ALE/MIL-188-141A snd (14/OCT/04) (KK)

07739.0 INAS30P: Algier Gas & Oil In Amenas 0105 LSB
ALE/MIL-188-141A snd (14/OCT/04) (KK)

07739.0 INAS30P: Algier Gas & Oil In Amenas 0200LSB
ALE/MIL-188-141A snd (14/OCT/04) (KK)

07739.0 INAS30P: Algier Gas & Oil In Amenas 2218 LSB
ALE/MIL-188-141A snd (14/OCT/04) (KK)

07739.0 MEDER30P: Algier Gas & Oil Medera 0044 LSB
ALE/MIL-188-141A snd (14/OCT/04) (KK)

07739.0 OHT30P: Algier Gas & Oil Ohanet 0010 LSB
ALE/MIL-188-141A snd (14/OCT/04) (KK)

07739.0 OHT30P: Algier Gas & Oil Ohanet 0106 LSB
ALE/MIL-188-141A snd (14/OCT/04) (KK)

07739.0 OHT30P: Algier Gas & Oil Ohanet 0202 LSB
ALE/MIL-188-141A snd (14/OCT/04) (KK)

07739.0 OHT30P: Algier Gas & Oil Ohanet 2218 LSB
ALE/MIL-188-141A snd (14/OCT/04) (KK)

07739.0 RNOUSLR1: Algier Gas & Oil Rourde Nouss 0007 LSB
ALE/MIL-188-141A snd (14/OCT/04) (KK)

07739.0 RNOUSLR1: Algier Gas & Oil Rourde Nouss 0102 LSB
ALE/MIL-188-141A snd (14/OCT/04) (KK)

07739.0 RNOUSLR1: Algier Gas & Oil Rourde Nouss 0158 LSB
ALE/MIL-188-141A snd (14/OCT/04) (KK)

07739.0 RNOUSLR1: Algier Gas & Oil Rourde Nouss 2217 LSB
ALE/MIL-188-141A snd (14/OCT/04) (KK)

07739.0 RNOUSLR1: Algier Gas & Oil Rourde Nouss 2312LSB
ALE/MIL-188-141A snd (14/OCT/04) (KK)

07746.7 egypt: 1755 sitor-a tfc atu-aa 1826z tfc aa
1902:rq oovy 130kt04(wp3)

07769.0 Y7L: unid 0440 USB ALE/MIL-188-141A clg FAY
(11/OCT/04) (KK)

07771.7 L2C: PNA Buenos Aires 1045 FEC Shipping Info in SS.
(29/Oct/04) (RH2)

07778.5 AT1: (FBI, Atlanta GA): 1621 USB/ALE TO KC1 (FBI,
Kansas City KS). 25/10 RP3

07783.0 SPA: ? SPB ? 1349 USB polish d/x a lot of phone dial
Oct16 04 ML

07796.7 egypt: 2021 sitor-a short tfc and opchat in atu-80
aa then in rx mode, ends 2038z 160kt04 (wp3)

07805.0 CL1AR: (Clarendon, New Hampshire EOC): 1503 USB/ALE
sounding. 09/10 RP30

07805.0 HILL: (Hillsborough, New Hampshire EOC): 1506
USB/ALE sounding. 09/10 RP3

07816 : Russian Military 2115 36-50/50/240 Three messages.
(26Oct04) (RGA)

07816.7 egypt: 2027 sitor-a opchat tfc atu80 aa 2042z: 5lg
2045z tfc lengthy msg atu-80 aa addressed to many embassies,
al Sadr, Israel and America mentioned often 160kt04 (wp3)

07823.7 egypt: 1828 sitor-a tfc aa 130kt04 (wp3)

07839.5 68B: (O/M Canadian FF): 1309 USB in ALE then in
voice calling 68C w/no response. Asks 68C if he has any
comms w/LCT. 68B also w/68D (O/M Canadian FF) asking if he
has comms w/LCT. 24/10 RP3

07839.5 CIP66: (Canadian military): 0725 USB/ALE TO CIP68A
(Canadian military). 24/10 RP3

07839.5 CIP66: (Canadian military): 1224 USB/ALE TO CIP67A
(Canadian military). 24/10 RP3

07839.5 CIP66: (Canadian military): 1227 USB/ALE TO CIP68B
(Canadian military). 24/10 RP3

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07839.5 CIP66: (Canadian military): 1232 USB/ALE TO CIP68D
(Canadian military). 24/10 RP3
07839.5 CIP68A: (Canadian military): 1258 USB/ALE TO CIP67B
(Canadian military). 24/10 RP3
07839.5 CIP68C: (Canadian military): 1231 USB/ALE TO CIP66
(Canadian military). 24/10 RP3
07839.5 CRS: (unidentified Canadian): 0010 USB/ALE TO SHA
(unidentified Canadian). 24/10 RP3 NOTE: Thanks to tip from
Mike Chace-Ortiz.
07839.5 LCT: (unidentified Canadian): 0721 USB/ALE TO VIC
(unidentified Canadian). 24/10 RP3
07839.5 LCT: (unidentified Canadian): 1146 USB/ALE TO VIC
(unidentified Canadian)--[AMD]BON MATIN. 24/10 RP3
07839.5 Unid: 1448 USB w/encrypted data signal. 24/10 RP3
07839.5 VIC: (unidentified Canadian): 0726 USB/ALE TO BPT
(unidentified Canadian). 24/10 RP3
07839.5 VIC: (unidentified Canadian): 0732 USB/ALE TO CRS
(unidentified Canadian). 24/10 RP3
07839.5 VIC: (unidentified Canadian): 1307 USB/ALE TO SHA
(unidentified Canadian). 24/10 RP3
07851.0 AAT3LZ: (Army MARS Region 3-Net Control): 2015 LSB
w/AAR3ZC (Army MARS, Deale MD). 12/10 RP3
07855.0 unid: .pirate? 1033 USB ee d/x Nov06 04 ML
07859 LQOZ: CIS Military 1226 CW Comms check with OSTA
AILH 8PXR Z51M. At 1223z receipts Nr 760 from unknown
correspondent. (06Nov04) (RGA)
07859.0 unid: FF? 0721 CW encrypted Oct24 04 ML
07895.7 : Prob French Forces 1847 ARQ-E3/100/340 Fair synch.
No traffic. (29Oct04) (RGA)
07895.7 : Unid FF 1738 ARQ-E3/100/400 8RC. Betas only since
1550z. (01Nov04) (RGA)
07895.7 : Unid. Prob FF 2113 ARQ-E3/100/370 Betas only.
(26Oct04) (RGA)
07905.0 3TJ: unid net 01:37 ALE/USB calling W47 1oct04 (PPA)
07905.0 GBE: unid net 01:51 ALE/USB calling W47 1oct04 (PPA)
07905.0 LHH: unid net 01:36 ALE/USB calling W47 and 3TJ
1oct04 (PPA)
07905.0 W47: unid net 01:36 ALE/USB calling WET and P7L
1oct04 (PPA)
07905.4 P2Z1ID: unid US army IRQ 01:52 ALE/USB sounding
1oct04 (PPA)
07905.4 T2Z1ID: US army 1st infantry division 2nd brigade
IRQ 01:42 ALE/USB 1oct04 (PPA)
07905.4 T498AA: US army 498th medical corps IRQ 01:41
ALE/USB sounding 1oct04 (PPA)
07905.4 T507: unid US army IRQ 01:53 ALE/USB sounding
1oct04 (PPA)
07905.4 T82AA: US army 82nd airborne division IRQ 01:45
ALE/USB sounding 1oct04 (PPA)
07905.5 R24428: unid Helo 2002 USB ALE/MIL-188-141A c1g
T82AA 82nd Air Ambulance (19/OCT/04) (KK)
07914.5 DIZ021: Prob. POL MIL (DW+RGA rep.) 1200 USB/ALE
calls unid UMC017 (20oct2004)(MSM)
07914.5 QUT024: Prob. POL MIL (DW+RGA rep.) 1202 USB/ALE
calls unid HIM022 (20oct2004)(MSM)
07940.4 ALDAYR: Al Dayr,IRQ 1836 ALE/USB to ALSHAFI
(27Oct04) (ZE)
07940.4 ALQURNAH: Al Qurnah,IRQ 1819 ALE/USB to ALHUAYR
(27Oct04) (ZE)
07940.4 GDCMAYSAN: Al Maysan,IRQ 1837 ALE/USB sounding
(27Oct04) (ZE)
07940.4 NASHWA: Al Nashwa,IRQ 1916 ALE/USB souding (27Oct04) (ZE)
07940.4 UMMKHAYAL: Al Ummkhayal,IRQ 1841 ALE/USB to AMARAH
(27Oct04) (ZE)
07940.4 UMMKHAYL: Al Ummkhayl,IRQ 1918 ALE/USB to SAMAWAH
07968.0 LJ9: unid sounded Israeli 1213 USB/ALE wkng QJQ
with ALE and Voice comms (20oct2004)(MSM)
07990.0 unid: presumed south/central American station 02:42

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Clover 2000 modemtraffic folowed by short Spanish operator chat acknowledging reception ,weaksignal 1oct04 (PPA)

07992.0 BLE: British Military Bielefeld, D 1507 USB/MIL-STD 188-141A sounding (12Oct04) (LDO)

07994 HUSX: CIS Military 1220 CW Repeating ARBJ de HUSX QSA NO QSY 47536 K. (13Nov04) (RGA)

08005.0 : NATO Modem 1810 STANAG-4285/4800/USB 600 data rate and long interleave. Intermittent synch. Probably continuous data. (29Oct04) (RGA)

08010.0 Unid: Y/L (SS): 0612 USB w/five-figure groups. 29/10 RP3

08011.5 : Unid 1813 UNID/75/420 ACF=0 enciphered. Prob RUS-75. (29Oct04) (RGA)

08013 3PF: Unid NATO Tactical Net 1520 USB wkg G5T. EE language with German accent. Also 3QC T3Y N0I. (09Nov04) (WC)

08015 0000002237: Prob Turkish Military 2119 ALE/USB Sounding. (26Oct04) (RGA)

08015 0000002237: Turkish Net 1947 ALE/USB Sounding. (13Nov04) (RGA)

08015.0 0000002237: (probable Turkish military): 0127 USB/ALE sounding. 27/10 RP3

08015.3 ZSC: Capetown Globe Data 0938 GW-PACTOR In comms. (28/Oct/04) (RH2)

08017.5 unid: Globe Data Capetown 0620 GWPACTOR In comms. (08/Nov/04) (RH2)

08018.3 1HUB: unid presumed VEN station 00:55 PACTOR I / 200 / 200 calling VEN, COYO, CUWA, GMM, JAL and JANK 2oct04 (PPA)

08031.5 Unid: Arg Ny 1532 USB SS Ship "ARA Canal de Beagle" on Montevideo trip to Paranagu=C3=A1, Brazil (31/10/04) (AJP)

08040 GYA: RN FWOc Northwood 1233 FAX/120/576 Perfect picture. (Skysweeper tests). (02Nov04) (RGA)

08040.0 Fw&OCC: 1749 USB Fax 120/576 "Gale warning summary" (16-oct-2004) (MSM)

08047 R0316: US Army/NGB 1311 ALE/USB wkg KBOING/US NG KBOI/Boise Gowen Airport ID. (21Oct04) (GB)

08047.0 C0800N: (Nat'l Guard, Colorado): 1325 USB/ALE TO HQ703N (Nat'l Guard HQs, Arlington VA).---[AMD] HQ703N THIS IS C0800N RADIO CHECK OVER. 07/10 RP3

08047.0 HQ703N (probably Nat'l Guard Readiness Center, Arlington VA): 1736 USB/ALE TO M050IN (Nat'l Guard, Michigan). 08/10 RP3

08047.0 HQ703N: (probably Nat'l Guard HQs, Readiness Center, Arlington VA): 1607 USB/ALE TO H090IN (Nat'l Guard, Hawaii). 12/10 RP3

08047.0 HQ703N: (probably Nat'l Guard HQs, Readiness Center, Arlington VA): 1645 USB/ALE TO K040YN (Nat'l Guard, Kentucky). 12/10 RP3

08047.0 I050NN: (Nat'l Guard, Indiana): 0534 USB/ALE TO HQ703N (Probably Nat'l Guard Readiness Center, Arlington VA). 15/10 RP3

08047.0 M010AN: (Nat'l Guard Massachusetts): 1728 USB/ALE TO HQ703N (probably Nat'l Guard HQs, Readiness Center, Arlington VA). ALE handshake followed by encrypted data signal. 12/10 RP3

08050 CIP32: Unid Canadian Military 0804 ALE/USB Called CIP46 and JWG (both unids), then to ADVNT at 0805, also called JWG off 0809z. (01Nov04) (BC2)

08050 CIP36: 36 Bde Group Canadian Military Halifax NS CAN 0246 ALE/USB wkg CIP77/Unknown. Again at 0228z. (01Nov04) (BC2)

08050 FC8FEM: US FEMA Denver, CO 1551 ALE/USB sounding. (02nov04) (BC2)

08050 FC8FEM: US FEMA Region 8 Denver CO 0251 ALE/USB Sounds. (01Nov04) (BC2)

08050 FR5FEM: US FEMA Region 5 Battle Creek MI 0230 ALE/USB Sounding. (01Nov04) (BC2)

08050 OIP: Prob Venezuelan Military 0226 ALE/USB wkg CIP.
Also heard DC8. (01Nov04) (BC2)

08050.0 CIP36: (Canadian Army 36th Brigade Group, Halifax
Nova Scotia): 1233 USB/ALE TO CIP77 Unidentified, Canadian
Army). Also noted on 07600.0. 28/10 RP3

08050.0 CIP36: (Canadian Army 36th Brigade Group, Halifax
nova Scotia): 1340 USB/ALE TO CIP77 (unidentified Canadian
Army). Then in voice CIP36 tells CIP77 to send traffic.
Encrypted data signal noted then CIP36 tells CIP77 that his
ZEV is 1340Z. 30/10 RP3

08056.0 CLH: (Ft Campbell KY): 1636 USB/ALE sounding. 27/10 RP3

08056.7 : egypt Emb 1814 sitor-a yks yks 240kt04 (wp3)

08056.7 : Unid Egyptian Diplo 2106 ARQ Long period of IRS.
Message in ISS unreadable. (03Nov04) (RGA)

08056.7 egypt Emb: 1814 sitor-a yks yks 240kt04 (wp3)

08060 : Unid 1816 REVS/20/470 Very slow reversals.
(29Oct04) (RGA)

08060.0 AA1: (unidentified): 2214 USB/ALE sounding.0]
[TWS][][AL0] BER 26 SN 04

08060.0 AA1: (unidentified): 0118 USB/ALE sounding. 14/10 RP3

08060.0 AA1: (unidentified): 0437 USB/ALE sounding. 18/10 RP3

08060.0 AA1: (unidentified): 2214 USB/ALE sounding.0]
[TWS][AL0] BER 26 SN 04

08060.0 AA2: (unidentified): 0123 USB/ALE sounding. 13/10 RP3

08060.0 CGGN: (HQs, Venezuelan Nat'l Guard): 0103 USB/ALE TO
CUFAN1(unidentified sub-element of Unified Command of
National Armed Forces). 13/10 RP3

08060.0 CORE7: (Commander, Venezuelan National Guard Region
7): 03:07 USB/ALE TO CUFAN3 (unidentified sub-element of
Unified Command of National Armed Forces). 18/10 RP3

08060.0 CORE7: (Commander, Venezuelan National Guard Region
7): 2322 USB/ALE TO CGGN (HQs, Venezuelan Nat'l Guard).
17/10 RP3

08060.0 CORE7: (Venezuelan National Guard Commander, Region
7): 0706 USB/ALE TO CUFAN3 (unidentified sub-element of
Unified Command of National Armed Forces). 14/10 RP3

08060.0 CORE7: (Venezuelan National Guard Commander, Region
7): 2307 USB/ALE TO CUFAN3 (unidentified sub-element of
Unified Command of National Armed Forces). 13/10 RP3

08060.0 CRC5M: (Regional Communications Center-Mobile,
Military Region 5): 01:33 USB/ALE TO CUFAN1 (unidentified
sub-element of Unified Command of National Armed Forces).
18/10 RP3

08060.0 CUFAN1: (unidentified sub-element of Unified Command
of National Armed Forces): 0102 USB/ALE TO CGGN (HQs,
Venezuelan Nat'l Guard). 14/10 RP3

08060.0 DESTAFAC23: (Detachment 23, Nat'l Guard): 23:03
USB/ALE TO CUFAN3 (unidentified sub-element of Unified
Command of National Armed Forces). 19/10 RP3

08060.0 DESTAFAC23: (Detachment 23, Venezuelan Nat'l Guard):
0733 USB/ALE TO CGGN (HQs, Venezuelan Nat'l Guard).
28/10 RP3

08060.0 DESTAFAC23: (Detachment 23, Venezuelan National
Guard): 0333 USB/ALE TO CGGN (HQs, Venezuelan Nat'l Guard).
Also noted on 08181.0 & 09052.0. 18/10 RP3

08060.0 RESERVA10: (Venezuelan Army, 10th Inf Bn-Reserves):
0128 USB/ALE TO CLC24M (Local Communications Center, 24th
Inf Bde-Mobile). Also noted on 08181.0 & 10600.0. 13/10 RP3

08060.0 SH3: unid Venezuelan army station VEN 03:30 ALE/USB
ending contact with CGG and MIR 8oct04 (PPA)

08060.0 Tiger uno: Italian military ITA 00:18 J3E/U Italian
operator working Asile (PPA)

08071 MAURO: UNID Corpo Carabinieri station, I 1356
LSB/MIL-STD 188-141A c1ng 2220 and requesting position
report [AMD FIXPOSIT] (05Nov04) (LDO)

08082.2 LTFA: Argentine Army 1850 Packet 300 LTFA>LTF News
(06/11/04) (AJP)

08085.5 no call: Department of state communications RUS

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18:58 USB (CF=1600)/ CROWD36 / 40 Bd 6L groups after 11177
10905 ending with shortoperator chat (PPA)
08102.0 4XZ: 20041027 0025z CW 8102.0 KHz VVV VVV DE 4XZ
4XZ 26oct04 (TJ)
08108.5 Esperanza: Arg Ny 1904 USB SS Esperanza c1g
"Detenido" and "Enlace" Traffic abt SAR Exercice with RN
Esperanza: possible Antartic Base Esperanza.Enlace:
UnidDetenido: Possible Ship ARA Robinson (06/11/04) (AJP)
08112.9 VMW: wiluna meteo AUS 19:00 J3E/U English gale
warning NSW (PPA)
08120.0 O/M: (Russian): 2314 USB w/unheard station. 01/11 RP3
08130 CS004: UNID MIL-net Balkans, 0939 USB/MIL-STD
188-141A/secure voice tfc. via MIL-STD 188-110A serial tone
waveform to RS002D (13Nov04) (LDO)
08130 RS002D: UNID MIL-net Balkans, 0939 USB/MIL-STD
188-141A/secure voice tfc. via MIL-STD 188-110A serial tone
waveform to CS004 (13Nov04) (LDO)
08131.2 unid: 1821 P-I/100Bd <Calling LP:423> (03/OCT/04) (KK)
08131.2 unid: 1835 P-I/100Bd <Calling LP:421> (03/OCT/04) (KK)
08131.2 unid: prb. IRGC 1843 P-I/100Bd <Calling LP:406>
1406 (29/OCT/04) (KK)
08135 DD1: Israeli AF 2115 ALE/USB Sounding. (26Oct04) (RGA)
08135.0 AAA: (Israeli Air Force): 0314 USB/ALE sounding.
29/10 RP3
08135.0 DD1: (Israeli Air Force): 0015 USB/ALE sounding.
27/10 RP3
08135.0 DD1: (Israeli Air Force): 0521 USB/ALE sounding.
28/10 RP3
08135.0 DD1: (Israeli Air Force): 2320 USB/ALE sounding.
27/10 RP3
08135.0 RAM: (Israeli Air Force, possibly Ramat David
Airbase): 0536 USB/ALE sounding. 27/10 RP3
08135.0 TSR: (Israeli Air Force): 2215 USB/ALE sounding.
01/11 RP3
08137.0 no-call: 0725 unid CW transmission in progress, most
likely Cuba's MO8a 03/11 (PP1)
08140 BMF: Taipei Met 1935 FAX/120/576 Fair chart - good
sigs. (23/Nov/04) (RH2)
08150.0 1020: Unid, 1025 ALE/USB, also 4011, 3011, 3013 and
2014 on this freq. (06/Nov/04) (MR)
08165.0 COLOGNE: Rohde & Schwarz Cologne, D 1534 USB/MIL-STD
188-141A sounding (12Oct04) (LDO)
08165.0 MUNICH: Rohde & Schwarz HQ Munich, D 1658 USB/MIL-
STD 188-141A c1ng COLOGNE (12Oct04) (LDO)
08171.5 EAATS: (Eastern Army Aviation training Site, Muir
AAF, Ft Indiantown Gap PA): 1642 USB/ALE sounding. 12/10 RP3
08171.5 KBNWNG: IA NG, at Boone Municipal Airport, IA: 1655
USB ALE (29/SEP/04) (JLM)
08171.5 KFMHNG (Nat'l Guard Bureau, Otis ANGB MA): 1454
USB/ALE sounding. Also sounding on 10670.5. 08/10 RP3
08171.5 KFMHNG: (Nat'l Guard, Otis ANGB, MA): 1718 USB/ALE
sounding. 12/10 RP3
08171.5 KFMHNG: (Nat'l Guard, Otis ANGB, MA): 1724 USB/ALE
sounding. 16/10 RP3
08171.5 T2Z238: (2/238th Avn, IN NG Shelbyville IN): 1504
USB/ALE sounding. 15/10 RP3
08171.5 T7Z101 (7/101st Avn, Ft Campbell KY): 1654 USB/ALE
sounding. 08/10 RP3
08171.5 T7Z101: (7/101st Avn, Ft Campbell KY): 1803 USB/ALE
sounding. 12/10 RP3
08171.5 T7Z101: (7/10st Avn, Ft Campbell KY): 1450 USB/ALE
sounding. 23/10 RP3
08171.5 TC159: (Company "C", 1/159th Avn, Ft Bragg NC): 1805
USB/ALE sounding. 02/11 RP3
08176: VVC: Charleville 1031 USB w/wx. Good signal. //6507
poor. ID as VMC at 1044. (24Oct04) (RB4)
08181.0 CORE7: (Commander, Venezuelan National Guard Region
7): 2342 USB/ALE TO MIRA3 (Command Element at Presidential

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- 08181.0 Palace (Palacio de Miraflores). 17/10 RP3
CORE7: Comando Regional número 7 2321 USB ALE/
MIL-188-141A clg CGGN: Comando General de la Guardia
Nacional (02/OCT/04) (KK)
- 08181.0 CRC2M: (Regional Communications Center Military
Region 2-Mobile, Venezuelan Army): 2258 USB/ALE TO CLC24M
(Local Communications Center, 24th Inf Bde-Mobile). Also
noted on 08060.0. 13/10 RP3
- 08181.0 CRC2M: Regional Communications Center-Mobile, 2nd
Military Region): 11:46 USB/ALE TO CLC24M (Local
Communications Center , 24th Inf Bn). Also on 09052.0.
19/10 RP3
- 08181.0 CRC5M: (Regional Communications Center-Mobile, 5th
Military Region): 2339 USB/ALE TO CUFAN1 (unidentified sub-
element of Unified Command of National Armed Forces). Also
noted on 08060.0 & 09052.0. 17/10 RP3
- 08181.0 CRC5M: (Regional Communications Center-Mobile,
Military Region 5): 01:20 USB/ALE TO CUFAN1 (unidentified
sub-element of Unified Command of National Armed Forces).
18/10 RP3
- 08181.0 DESTAFAC23: (Detachment 23, Venezuelan National
Guard): 0302 USB/ALE TO CUFAN3 (unidentified sub-element of
Unified Command of National Armed Forces). 18/10 RP3
- 08181.0 DESTAFAC23: (Detachment 23, Venezuelan National
Guard): 2332 USB/ALE TO CGGN (HQs, Venezuelan Nat'l Guard).
Also noted on 08060.0. 13/10 RP3
- 08184.0 SCLC131: (Subordinate Local Communications Center,
131st Motorized Inf Bn, Venezuelan Army): 1158 USB/ALE TO
CLC11(Local Communications Center, 11th Inf Bde). Also noted
on 11625.0. 28/10 RP3
- 08191.7 9MR: Malay Navrad 1746 RTTY/50/850 5LG. (19/Nov/04) (RH2)
- 08191.7 9MR: Malay Navrad 2022 RTTY/50/850 Msgs in Malay &
EE. (28/Oct/04) (RH2)
- 08191.7 9MR: Malay Navrad 2052 RTTY/50/850 Msg/EE to Sarawak
kd Beladan Kuantan. (25/Oct/04) (RH2)
- 08200 : Unid Fishermen 1532 USB Sicillian accents.
(09Nov04) (WC)
- 08280.0 T64: (LSM "Los Llanos", T-64): 0817 LSB/ALE TO DCCOP
(Venezuelan Navy's Direccion de Coordinacion Y Control
Operacional). Also noted on 08825.0 USB. 07/10 RP3
- 08289.0 GDCALMUTHANA: Unid prob Iraq location, 1510 ALE/USB.
Also GDCMAYSAN on this freq. (03/Nov/04) (MR)
- 08298 VTP13/14: IN Vishakhapatnam 2031 RTTY/50/850
RY/RBSL/VNR marker. (28/Oct/04) (RH2)
- 08298 VTP13/14: IN Vishakhapatnam 2043 RTTY/50/850 Test
tape. (25/Oct/04) (RH2)
- 08298.1 VTP: IN Vishakhapatnam 1820 RTTY/50/850 RBSL
VTP13/14 VNR idler. (29Oct04) (RGA)
- 08298.1 VTP: Indian navy Vishakhapatnam IND 19:29 ITA2 /50
/850 ryryry vtp13/14 rbsl vnr vnr sgsmsg, distorted
keying (PPA)
- 08298.2 VTP: Indian Ny 2220 RTTY 50/825 VTP 13/14 RBSL VNR
VNR RYRYRYRYRY (01/11/04) (AJP)
- 08300.0 RFTJE: Fny Dakar, SEN 0445 Rtty 75Bd / 850Hz clg
FAAA "ZNR UUIUU ZUI TESTNG...(14/OCT/04) (KK)
- 08303 LOR: AN Puerto Belgrano 2045 RTTY/75/170 Coastal wx
& Data. (07/Nov/04) (RH2)
- 08304 : NATO Air Defence Data System 2229 LINL-11/2250/USB
TADIL-A. (06Nov04) (RGA)
- 08306 F: Unid 0342 CW Repeated fast and continuous.
(02Nov04) (WC)
- 08307.1 CGD9: (CG District 9, Cleveland OH): 18:48 USB/ALE
TO NRKP (USCGC Mackinaw (WAGB-83-Cheboygan, MI). 19/10 RP3
- 08381.5 : Ship "Pacific Ruy" 1906 ARQ Test Msg to Hong Kong.
(15/Nov/04) (RH2)
- 08387.5 : Unid Ship 2137 ARQ SELCALs MCPV/ManamaRadio
Bahrain/A9M. (03Nov04) (RGA)
- 08392.8 unid: 2305 P-I/Ham 200Bd span. clr txt BUENAS NOCHES

TE.. (02/OCT/04) (KK)
08400.0 NIKKI: Nikki, BEN 2315 USB ALE/MIL-188-141A snd
(02/OCT/04) (KK)
08414.5 3FSU8: Panamanian Tanker Oriental Jasmin 1504 GMDSS
Test. (15/11/04) (PD)
08414.5 9HDA7: Maltese Oil Tanker 1544 GMDSS Test.
(15/11/04) (PD)
08414.5 9NND7: Maltese Ship Palau 1746 GMDSS Relays
undesignated distress message from Panamanian-flagged vessel
Taio Dream/3ETX6 at 1944N 01907W. (18Oct04) (APB)
08414.5 9VWQ: Singapore Bulk Carrier KWK Genesis TIME???
GMDSS with Lyngby Radio DNK. (14Nov04) (PD)
08414.5 : MRSC Holyhead Wales 1344 GMDSS 5318N 00438W, Test.
(15/11/04) (PD)
08414.5 : Unid Panamanian Ship 1510 GMDSS Test. (15/11/04) (PD)
08414.5 : Unid Singapore Authority 0655 GMDSS Relays
apparent undesignated distress message allegedly from
Antiguan vessel giving MMSI 304635000 and posn 2357S 04618W.
(10Nov04) (APB)
08414.5 EI5926: Irish Fishing Vessel Emerald Dawn 1554 GMDSS
Test. (15/11/04) (PD)
08414.5 EMMO: Ukranian Rescue Vessel 1519 GMDSS selcal
68256, Test. (15/11/04) (PD)
08414.5 GABS: UK Royal Fleet Auxilliary Tanker Oakleaf 1315
GMDSS selcal 47812, Test (15/11/04) (PD)
08414.5 GURL: UK Ship Sand weaver TIME??? GMDSS with Lyngby
Radio DNK. (14Nov04) (PD)
08414.5 LYIL: Lithuanian Cargo Vessel Vytautas TIME??? GMDSS
with Lyngby Radio DNK. (14Nov04) (PD)
08414.5 Madrid Radio: 0718 USB/GMDSS to panamese ship 3EVV3
"Fortitude" for j3e comms on ch.0027 (20-oct-2004)(MSM)
08414.5 NMA: USCG Miami FL 1907 GMDSS Relays apparent
abandoning ship distress message from 0503N 00010E by ship
giving MSI as 636011942. (25Oct04) (APB)
08414.5 OXZ: LyngbyRadio Denmark 1315 GMDSS MRCC Aarhus, MRCC
Bremen, 5550N 01125E. Test (15/11/04) (PD)
08414.5 S6MN: Singapore Liquid Gas Carrier 1618 GMDSS (ex
Kilgas Champion), Test. (15/11/04) (PD)
08414.5 SXEL: Greek Container Ship Attica 1316 GMDSS selcal
17177, Test (15/11/04) (PD)
08414.5 SYXC: Greek Freighter Talisman (formerly Oceanus)
0331 GMDSS Distress call due collision at 1509S 03533W.
(14Nov04) (APB)
08414.5 TCMQ: turkish ship "Ottoman Dignity" 0718 USB/GMDSS
to turkish ship TCWJ CUMHURIYET for j3e comms on 08318.0kHz
(20-oct-2004)(MSM)
08414.5 UCNK: Russian Federation Ship Vladimir Timofeev 1431
GMDSS selcal 54633, Test. (15/11/04) (PD)
08414.5 VQCW8: UK Ship Sandra Azul 1435 GMDSS Test.
(15/11/04) (PD)
08414.5 VRZT8: Hong Kong Oil Tanker Phoenix Alpha 1344 GMDSS
Test. (15/11/04) (PD)
08414.5 ZQHY5: UK Merchant Ship LNG Delta 1511 GMDSS Test.
(15/11/04) (PD)
08415 UFQN: Russian Ship Kapitan Permyakov 1616 GMDSS RQS
unknown shore authority. (002820000). Checksum error.
(29Oct04) (RGA)
08415 UFRP: Russian Ship Sormovskii-3050 1615 GMDSS Sends
TR from 3746N 01619E to to unknown shore authority (MMSI
002633756). (29Oct04) (RGA)
08417.5 XSV: TianjinRadio PRC 2002 ARQ w/Morse ID. (26Oct04) (RGA)
08419.5 NOJ: USCG Kodiak AK 1915 ARQ w/Morse ID and 1/7th-
second echo. (26Oct04) (RGA)
08419.5 PPR: Rio de Janeiro R 2224 ARQ w/marker. Exc signal.
Not a regular visitor at home because of city noise.
(22Oct04) (RB4)
08419.5 PPR: Rio R 0525 CW Marker. (26/Oct/04) (RH2)
08421.5 VRX: Hong Kong R 1801 ARQ CW Marker. (22/Nov/04) (RH2)

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08421.5 VRX: HongkongRadio PRC 2007 ARQ w/Morse ID.
(26Oct04) (RGA)

08422 NRV: USCG Apra Harbour Guam 2009 w/Morse ID.
(26Oct04) (RGA)

08422.5 UDB2: Kholmok Radio 2224 CW 468. (18Oct04) (WC)

08428 NMN: CAMSLANT Chesapeake VA USA 2015 ARQ w/Morse ID.
(26Oct04) (RGA)

08428.5 VJS: Globewireless Perth WA AUS 2020 GLOBEDATA
Idling. (26Oct04) (RGA)

08431.0 TAH: istanbul 0802 FEC ee-turk mediter weather
forecast Oct24 04 ML

08435 XSQ: Guangzhou R 1949 ARQ Relaying FAX/msgs
(26/Nov/04) (RH2)

08440.0 SADAF29RS1702P: Uzbek Mil, 2115 ALE/USB to
OMEGA50RS1702P. (02/Nov/04) (MR)

08451.0 NAVITER FRANCE SUD: USB 16:58 RTTY 75/850 MESSAGE TO
RFFMEA 07.11.2004 (ML)

08452.7 RFFMEA: FN La Regine 1737 RTTY/75/850 Maviter France
Sud Marker. (27/Oct/04) (RH2)

08452.7 RFFMEA: FN La Regine 2044 RTTY/75/850 Marker Fm
Naviter France Sud. (06/Nov/04) (RH2)

08453 RFFMEA: FN Saissac 2032 RTTY/75/850 NAVITER France
Sud idler to warships. (26Oct04) (RGA)

08453.0 rffmea : FN La Regine 1538 rtty 75/850 #1001
nnnnfaa de rffmea znr uuuuu fm naviter france sud to
batiments bt non protege mca svc txt rryryryryr
23Okt04 (wp3)

08453.0 rffmea: : FN La Regine 1538 rtty 75/850 #1001
nnnnfaa de rffmea znr uuuuu fm naviter france sud to
batiments bt non protege mca svc txt rryryryryr
23Okt04 (wp3)

08459.0 NOJ: USCG KODIAK 2249 FAX 120/576/N/800 48hr
wind/wave fcst. Grainy but sharp pix. QRM once permin on
white tone fm adjacent 100bd/1360Hz F1b signal on 8460.14.
2258 ice chart. 2317 sat pix. (23/Oct)(DW)

08459.5 Unid: 1010 FAX w/surface analysis chart for
Anchorage Alaska. Fair quality picture. 04/11 RP3

08467.5 JJC: Kyodo Tokio 1915 FAX/60/576 EE/JJ Nx\paper
//17069.7 & 12745.5 (15/Nov/04) (RH2)

08476 FUX: FN Le Port 1757 RTTY/75/170 Test tape. Still
using 170shift. (21/Nov/04) (RH2)

08478.5 FUF: FN Fort de France MRT 2226 RTTY/75/850 RYSG
idler. (06Nov04) (RGA)

08494.7 "D" : rus navy Odessa 1535 cw beacon 23Okt04 (wp3)

08494.7 "D": (beacon, Odessa): 2315 CW. 01/11 RP304604.0
Columbus 45 (NCS, Civil Air Patrol, Ohio): 2331 USB
w/Columbus 648 in Ohio wing Net check-ins. Also checked in
Kentucky CAP 64 (Kentucky Civil Air Patrol); Red Robin 194
(Michigan CAP); and Red Fire 114 (Indiana CAP). 01/11 RP3

08494.7 D: (Russian Navy, Odessa): 0433 CW beacon. 29/10 RP3

08494.7 D: MX Beacon Odessa UKR 1910 CW (13Nov04) (RGA)

08494.7 D: rus navy Odessa 1535 cw beacon 23Okt04 (wp3)

08495 F: MX Beacon Vladivostok 1555 CW Strong signals.
(18Nov04) (WC)

08495 P: MX Beacon Kaliningrad 0637 CW (12Nov04) (WC)

08495 P: MX Beacon Kaliningrad 1656 CW //3700.
(05Nov04) (WC)

08496.0 UNID: . 20:15 4 TONES SHIFT 195 HZ, BRITISH MIL????
07.11.2004 (ML)

08500 VTH1/5/7: IN Mumbai 1734 RTTY/50/850 RY/ID etc.
(16/Nov/04) (RH2)

08500.0 RBSL: mumbai indian navy 1606 ITA2/50 c Oct10 04 ML

08503 : CIS Military 1830 81-81/81/230 In cipher.
(29Oct04) (RGA)

08551.5 CTP: PN Oeiras/Palhais POR 1833 RTTY/75/850 QSX
idlers. (29Oct04) (RGA)

08567.7 FUV: FF Jibouti 2151 RTTY/75/850 Marker (01/Nov/04) (RH2)

08568 FUV: FN Djibouti 1835 RTTY/75/850 Bricks geants

tests. (29Oct04) (RGA)

08568 FUV: FN Djibouti 1915 RTTY/75/850 Bricks tests to
FAAA. (13Nov04) (RGA)

08568 FUV: FN Djibouti 2035 RTTY/75/850 Brick test idler.
(26Oct04) (RGA)

08568.0 FUV (French Navy, Djibouti): 0009 RTTY 75/850 w/test
tape. 05/11 RP3

08568.3 FUV: FN Jibouti 2049 RTTY/75/170 Test tape. Note
narrow shift. (07/Nov/04) (RH2)

08583.3 PWZ33: (Brazilian Navy): 0439 RTTY 75/850
w/Brazilian area navigational warnings in EE. 29/10 RP3

08600.0 1340: Unid, 1100 ALE/USB with many c/s's 1080, 1030,
1305, 2211, 1507, 1103 and more. (03/Nov/04) (MR)

08600.0 AA2: Israeli AF, 1050 ALE/USB to AT2 and ACCES2.
(03/Nov/04) (MR)

08600.0 SABALAN: Unid, 1020 ALE/USB to NAVGAN.
(03/Nov/04) (MR)

08605 UIW: KaliningradRadio 2038 CW NAWIP (MIBs and
weather) messages. (26Oct04) (RGA)

08646.5 FUJ: (FR Navy, Noumea): 0935 RTTY 75/850 w/test
tape. 12/10 RP3

08728.0 3AC8: monaco 0944 USB ee work filandra sailing ship
? MNNF4 Oct09 04ML

08728.0 3AC8:monaco 0930 USB fren wind warning & wx forecast
Oct09 04 ML

08759.0 ICZ AND JNR: ICZ::US Air Force:Sigonella 2029 USB /
MIL-STD141A ALE SOUNDINGS US-airforce (23/Oct/2004) (oz1hdf)

08759.5 NAVIDATA: UNID 2229 PACT-II Chan free marker with
periodic "navidata" CW ID (27/Oct)(DW)

08764 : Unid vmm - Engl 0355 USB Sounding like robotized
voice with echo : weather forecasts day by day on North
Atlantic Ocean - at 04:20z forecasts on Gulf of Mexico.
NMN?? (01Nov04) (WC)

08773.0 UJE: moscow 1324 USB russ y1 d/x Oct16 04 ML

08783.5 HEB01: BERN RADIO 1615 CW Chan free marker. CW ID
"cq de HEB01" every 3 mins. Data bursts 200Hz. Test pre
1/Jan/05 svc opening (14/Nov)(DW)

08800.0 UWY: Yalta radio UKR 17:22 J3E/U Russian phonecalls
several Identifications (PPA)

08806.0 9AR: rijeka 0703 USB croatian d/x Nov01 04 ML

08806.0 9AR: rijeka 0706 USB croat Oct09 04 ML

08806.0 UNID: . 20:32 PACTOR 2 CRC 65001 FC.1319
07.11.2004 (ML)

08806.0 WLO: mobile -alabama -0702 USB y1 wx Nov01 04 ML

08806.0 WLO: mobile 0701 USB y1 "charlotte...tropical storm
..." Oct10 04 ML

08825.0 CEDOP: (Venezuelan Navy Comando de Escuadra,
Direccion de Operaciones (Fleet Command, Director of
Operations): 2238 USB/ALE TO BRION (Frigate, "Almirante
Brion", F-22). Also noted on 08280.0 LSB; 14790.0 LSB &
20400.0 LSB. 07/10 RP3

08828.0 auckland vm: 0622 USB om Oct24 04 ML

08834 3-NBH MAU Flight 851 0900 HFDL A319 Posn Rpt.
(02/NOV/04) (RH2)

08834 A7-AFE: Qatar Air A330 1503 HFDL Posn Rpt
14/Nov/04) (RH2)

08834 D-ALCD: LH8297 2000 HFDL MD11 Sel ADJQ c/n 48784.
(07/Nov/04) (RH2)

08834 I-LIVA: Livingstone A321 Flt LVG282 1500 HFDL signs
on to ARINC Johannesburg. (13Nov04) (RGA)

08834 OH-LBR: Finnair B757 Flt AY2504 1736 HFDL At 5749N
02210E. (13Nov04) (RGA)

08834 SU0299: Aeroflot Flt 1643 HFDL Reports 5552N 03516E
to ARINC Johannesburg. Moving NW. (13Nov04) (RGA)

08834 VP-BAX: Aeroflot B767 Flt SU0596 1713 At 5555N 038E.
(13Nov04) (RGA)

08834 ZS-SFD SA Flight 410 0914 HFDL A319 Posn Rpt.
(02/NOV/04) (RH2)

08834 ZS-SFE: SA-543 0852 HFDL A319 Posn Rpt..
(25/Oct/04) (RH2)

08834 ZS-SFE: SA145 A319 1454 HFDL (13/Nov/04) (RH2)

08834 ZS-SFF SA Flight 543 0909 HFDL A319 Posn Rpt.
(02/NOV/04) (RH2)

08834 ZS-SJM: SA183 B737-800 1511 HFDL Posn Rpt.
(27/Oct/04) (RH2)

08834 ZS-SJM: SA565 B737-800 1453 HFDL Posn Rpt.
(12/Nov/04) (RH2)

08834 ZS-SJS: SA-405 0756 HFDL B738 Posn Rpt..
(25/Oct/04) (RH2)

08834 ZS-SJS: SA322 B737-800 1119 HFDL Posn Rpt.
(28/Oct/04) (RH2)

08834 ZS-SJT: SA337 B737-800 1205 HFDL Posn Rpt.
(27/Oct/04) (RH2)

08834 ZS-SNB: SA333 A340-600 1140 HFDL Posn Rpt.
(28/Oct/04) (RH2)

08834 ZS-SND: SA-326 0750 HFDL A346 Posn Rpt.
(25/Oct/04) (RH2)

08834 ZS-SNF SA Flight 323 0946 HFDL A346 Posn Rpt.
(02/Nov/04) (RH2)

08834 ZS-SXA: SA203 1246 HFDL A340E Posn Rpt w JNB.
(07/Nov/04) (RH2)

08834 ZS-SZA: Flight SA205 1234 HFDL A340E posn Rpt & tfc
w JNB. (07/Nov/04) (RH2)

08834 ZS-SZA: SA205 Airbus 340E 1107 HFDL Posn Rpt.
(28/Oct/04) (RH2)

08858.0 AA1: (Israeli Air Force): 0142 USB/ALE sounding.
27/10 RP3

08858.0 AA1: (Israeli Air Force): 2033 USB/ALE sounding.
28/10 RP3

08858.0 AAA: (Israeli Air Force): 0155 USB/ALE sounding.
27/10 RP3

08858.0 AAA: (Israeli Air Force): 0200 USB/ALE sounding.
Also sounding on 07848.0. 28/10 RP3

08858.0 KN2: (Israeli Air Force): 0041 USB/ALE sounding.
27/10 RP3

08861.0 Dakar (MWARA AFI-1/SAT-1): 2243 USB w/flight 760 in
position report. 04/11 RP3

08864.0 atc nat gander: 1009 USB work DPJO & REACH975 EGBJ
n16lat Oct09 04 ML

08864.0 atc nat: 1007 USB work JPHS Oct24 04 ML

08875 725: Prob Georgian Border Guard 2057 ALE/USB Calls
107. (26Oct04) (RGA)

08885 I-LIVA: Livingstone A321 Flt LVG267 2036 HFDL Signs
on to ARINC Muharraq. (06Nov04) (RGA)

08888 : Unid prob T'umen VOLMET: 0421 USB Russian weather
conds. RVPE. (01Nov04) (WC)

08894.0 Unid: 1454 USB ee unid Oct16 04 ML

08906.0 New York (MWARA NAT-A): 2155 USB w/Navy RY 780
(C-40A, VR-49, NAS Ft worth) w/position report. 03/11 RP3

08912 716: ICE 0146 USB/ALE sounding. (06nov04) (BC2)

08912 A99: ICE 0121 USB/ALE sounding. (06nov04) (BC2)

08912 CG 1705: 2335 USB wkg CAMSLANT with flight ops and
posn. (22 Oct 04) (RB)

08912 I31: ICE CESSNA 550 #N2531K, San Diego AMB, CA 0123
USB/ALE sounding. (06nov04) (BC2)

08912 I75: ICE 0142 USB/ALE calling WST no link
established. (06nov04) (BC2)

08912 NW0338: Northwest A/L flight 338 HFDL 0648 reporting
position 34-06-52N 117-44-31W to Molokai, HI. Aircraft ID
B2... A320?? (04nov04) (BC2)

08912 OPB: ICE 0131 USB/ALE calling J17 no link
established. (06nov04) (BC2)

08912.0 Camslant Cheaspeake: 2148 w/CG 1716 (HHC-130, CGAS
Clearwater-not heard) w/routine flight ops report. 12/10 RP3

08912.0 Camslant Chesapeake: 1902 USB w/705 (USCG HC-130H
#1705, CGAS Clearwater) in ALE and voice radio checks.

22/10 RP3
08912.0 Camslant Chesapeake: 2235 USB w/Julliet 37 (HH-60 # 6037, CGAS Elizaberth City-not heard) w/radio checks in ALE and clear voice. 12/10 RP3
08912.0 D14: (ICE P-3A "Slick" #N18314/BuNo 150314, Corpus Christi AMB, TX): 1238 USB/ALE w/PR1 (Punta Salinas, PR-not heard) then into encrypted voice (Parkhill). 15/10 RP3
08912.0 Hammer: (BICE, March AFB CA): 0023 USB w/62M 04/11 RP3
08912.0 Panther: (DEA OPBAT, Nassau Bahamas): 2237 USB w/J03 (HH-60J #6003, CGAS Clearwater-not heard) in ALE & voice. Uses voice call Rescue 03. 19/10 RP3
08912.0 Service Center (BICE): 2325 USB ALE & voice w/05 (not heard) requesting that 05 stand-by for Camslant Chesapeake who is currently in a link w/undisclosed station. 19/10 RP3
08915.0 Unid: (Caribbean EE): 2149 USB w/O/M (Caribbean EE). 23/10 RP3
08927 HA0026: Hawaiian Flight 0442 HF DL Posn 4405N 12711W. (01Nov04) (BC2)
08927 NW0165: Northwest Flight 0517 HF DL Heading north-west from 4724N 11003W. (01Nov04) (BC2)
08930.0 ldoc stockholm: 0959 USB wx for uni99 Nov01 04 ML
08942 G-VMEG: Virgin Atlantic A340 'Mystic Maiden' Flt VS0901 1326 HF DL Signs on to ARINC Shannon. (22Oct04) (RGA)
08942.0 G-VSHY: Virgin Atlantic A340-642 'Madame Butterfly' Flt VS0009 1921 USB/HF DL rep pos to Shannon LAT56 14 30N LON11 47 14W (15-10-2004)(MSM)
08942.0 VP-BDO: Aeroflot A319-111 SU0109 1918 USB/HF DL rep pos to Shannon LAT54 25 6N LON24 23 32E (15-10-2004)(MSM)
08942.0 VP-BWF: Aeroflot A320 SU0123 1917 USB/HF DL rep pos to Shannon LAT51 31 17N LON17 8 8E (15-10-2004)(MSM)
08942.0 VP-BWI: Aeroflot A320 SU0299 1916 USB/HF DL rep pos to Shannon LAT45 36 52N LON4 26 13 E (15-10-2004)(MSM)
08942.0 ZS-SNA: S.Africa A340 SA0263 .1918 USB/HF DL rep pos to Shannon LAT37 2 57N LON6 57 13E (15-10-2004)(MSM)
08948 A7-AFO: Qatar Airways A330 Prob Flt QR0398 2054 HF DL At 2838N 06603E. (31Oct04) (RGA)
08948 B-2461: China Southern B787 2106 HF DL Signs on. (06Nov04) (RGA)
08948 B-6051: China Eastern A340 2120 HF DL Signs on. (31Oct04) (RGA)
08948 B-HQB: CPA A340 Flt CPA831 2127 HF DL Reports 4735N 07307W to ARINC Las Palmas. (26Oct04) (RGA)
08948 B-HQC: Cathay Pacific A340 2125 HF DL Signs on. (12Nov04) (RGA)
08948 CN-RNX: Royal Air Maroc A321 Flt AT0751 2200 HF DL At 3541N 00516W. (31Oct04) (RGA)
08948 CN-RNY: Royal Air Maroc A321 2115 HF DL Signs on. (06Nov04) (RGA)
08948 CN-RNY: Royal Air Maroc A321 Flt AT0751 1812 GMDSS Signs on to ARINC Las Palmas. (22Oct04) (RGA)
08948 CPA831: Cathay Pacific Flt 2106 HF DL At 4338N 07325W. ICAO ID is A5801E/unid. (31Oct04) (RGA)
08948 D-ALCG: Lufthansa Cargo MD11F 2148 HF DL Signs on to Las Palmas. (31Oct04) (RGA)
08948 D-ALCH: Lufthansa Cargo MD11F 2041 HF DL Signs on to ARINC Las Palmas. (06Nov04) (RGA)
08948 I-LIVA: Livingstone A321 Flt LVG293 1943 HF DL Reports 2758N 03421E to ARINC Las Palmas. Route LIPB/Bozen to HESH/Sharm el Sheikh. (31Oct04) (RGA)
08948 JA401J: Japan Airlines B747-446F Flt JAL642 2107 HF DL Signs on to ARINC Las Palmas. ICAO ID is 2AE6A1. (31Oct04) (RGA)
08948 KE8252: Korean Air Flt 2054 HF DL At 4159N 07513W. (06Nov04) (RGA)
08948 N614FE: Federal Express MD11F 2205 HF DL Signs on. (31Oct04) (RGA)

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08948 N673US: Northwest B747 2119 Signs on to ARINC Las Palmas. (06Nov04) (RGA)
08948 N75854: Continental B757 2144 HF DL Signs on. (26Oct04) (RGA)
08948 OH-LBS: Finnair B757 Flt AY2621 2118 HF DL Reports 5040N 00128W to ARINC Las Palmas. (12Nov04) (RGA)
08948 OH-LBX: Finnair B757 Flt AY1961 2204 HF DL At 5949N 02454E. (31Oct04) (RGA)
08948 POP421: Polar Air Cargo B747 N920FT 2057 HF DL Signs on. (31Oct04) (RGA)
08948 SU0515: Aeroflot Flt 2130 HF DL Posn 3619N 0496E. (26Oct04) (RGA)
08948 VP-BDK: Aeroflot A320 2107 HF DL Signs on. (06Nov04) (RGA)
08948 ZS-SNC: S.African Airways A340 2046 HF DL Signs on. (06Nov04) (RGA)
08948 ZS-SNE: S.African A340 Flt SA0262 2134 HF DL Signs on. (26Oct04) (RGA)
08948.0 17: ARINC Gran Canaria CNR 17:42 HF DL/USB Log-on confirmation to B-2473 (ICAO 36740007 octal) 21oct04 (PPA)
08948.0 17: ARINC CANARIES 1829 HF DL on usb. Squitters (still in test phase?). Reporting as active freq 5. Very busy. working flights CZ0498 SU0584 SU247 SU0263 SU0108 L40782 AT0776 SA0584 UP6811 SA0262 MS0154 AY2701 thru 1917z (21/Oct)(DW)
08949.0 GYA: RN NORTHWOOD 1036 FAX 120/576/N/800 Spurious transmission. N Atlantic svc. weaker than 8040 (which normal) but giving noisy/readable chart. Faded to very weak by 1050z (22/Oct)(DW)
08960.0 Luanda R: 0038 USB EE Luanda RDARA (04/11/04) (AJP)
08965 AF7: USAF C20-C 85-0050 0009 ALE/USB Sounding. (02nov04) (BC2)
08965.0 510307: (KC-135 # 51-0307): 1533 USB/ALE TO ADWNPR (Non-Secure Protocol Internet Router node, Andrews AFB). Also noted on 18003.0. 30/10 RP3
08965.0 DHM91: Munster German Air Force Transport Command headquarters =in northern Germany, 1140 USB working with MAGIC 91(RAF, AWACS a/c) =(05/10/04) (MR)
08971.0 Fiddle: (TSCC, NAS Jacksonville): 1234 USB w/S4JG (P-3C on the ground) w/clear and ANDVT radio checks. 14/10 RP3
08974.0 Greenyed 51: 29-09-04 at 00:15UTC 10:15am local (MP)
08983.0 Camslant Chesapeake: 2317 USB w/CG 2117 (HU-25A, CGAS Miami) securing radio guard. 19/10 RP3
08990.0 KH2: Unid, 0955 ALE/USB. Also KN2 and ZM6 on this freq. =(18/10/04) (MR)
08992 BAT 94 Calling MAINSAIL 2041 USB For a radio check while DE BREAD was giving EAM of 48 characters. (28Oct04) (CC)
08992 BRUTIS 83: Calling MAINSAIL 2056 USB No Reply. (28Oct04) (CC)
08992.0 Bee Bread: was active at 1958z with BEE BREAD. Passing: "This is BEE BREAD, standing by for traffic". Station 5RA has answered BEE BREAD and said no for the traffic for your station.28/10/04 (MR)
08992.0 Dongreen: was active at 0013z with DON GREE (DONGREEN or sound like, good readable) requesting Elmendorf HF p/p to commercial nmbr 402-294-7190 with station HAIL STORM. After dialing DON GREE requesting HAIL STORM orevuare(?) 17 in station FALCONET. (27/10/04) (MR)
08992.0 Out Fact: was active at 1936z with OUT FACE (very weak readable) bcsting a 33-character EAM (AGSJYY), , with nothing heard on other freq's. (27/10/04) (MR)
08992.0 Q4N: 2143 USB calling Andrews Global w/no response. Puerto Rico answers Q4N for radio checks then out. 04/11 RP3
09007 Canforce 44398: Calls Trenton Military 1740 USB For weather at (CYC) (YCC) Calgary Canada (Alberta) International Airport. (28Oct04) (CC)

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09007.0 Trenton Military: 1940 USB w/Tiger 905 (CC-130 CANFORCE 8TH WING CFB TRENTON) who reports they are 20 mins out of Val D'Or and wants ETA relayed to RCC Trenton. 08/10 RP3

09009.0 O/M (Arabic): 2345 USB w/O/M (Arabic). 03/11 RP3

09021 : Unid 2001 LINK-11/2250/USB Data. (28Oct04) (CC)

09025 JNR: US Air Force Roosevelt Roads PR 0605 ALE/USB Sounding. (01Nov04) (BC2)

09025 OFF: USAF Offutt AFB NE 0721 ALE/USB Sounding. (01Nov04) (BC2)

09025.0 100466: (C-5 # 70-0466): 0529 USB/ALE sounding. 25/10 RP3

09025.0 221110: (C-17 #02-1110): 1657 USB/ALE sounding. Also noted sounding on 04721.0 & 13215.0. 09/10 RP3

09031.0 Ascot 6111: 1946 Ascot 6111 RAF in contact with Architect weather for Cardiff wind 170, 7 knots, temp 11 celsius, qnh 09999 USB 13/10(PP1)

09031.0 Vortex314: 12:37 Vortex 314 (RAF Heli suport prob Chinook) traffic with Architect. Mode USB 12:40 Ascot 5871 (C130 LTW LYNEHAM) traffic and selcallcheck with Architect Mode USB.1nov04 (PPA)

09041 5YE: Nairobi Meteo 2047 RTTY/100/850 SYNOP SMZA02 FAPR 031800. (SkySweeper tests). Programme had to be restarted to detect anything. Then got shift right but made speed 150 Bauds. After 4 resets got 100 but no decode. (03Nov04) (RGA)

09043 055: NCS Unid '055' Net 2029 ALE/USB Sounding. (26Oct04) (RGA)

09044.0 OPS171: 171 Aviation reg. IRQ 01:37 ALE/USB sounding 9oct04 (PPA)

09044.0 T1Z106: 1-106 Aviation reg. IRQ 01:37 ALE/USB sounding 9oct04 (PPA)

09044.0 T1Z244: 1-244 Aviation Bat. IRQ 01:35 ALE/USB sounding 9oct04 (PPA)

09044.0 TF185: 185th ARW Iowa nat. guard IRQ 01:58 ALE/USB sounding 9oct04 (PPA)

09047.0 022NHQCAP: (Civil Air Patrol Nat'l Ops Center, Maxwell AFB AL): 1559 USB/ALE sounding. 09/10 RP3

09047.0 022NHQCAP: (Civil Air Patrol, Nat'l Ops Center, Maxwell AFB AL): 1237 USB/ALE sounding. 30/10 RP3

09047.0 033NHQCAP: (Civil Air Patrol, Maxwell AFB AL): 1339 USB/ALE sounding. 30/10 RP3

09052.0 DESTAFAC23: (Detachment 23, Venezuelan National Guard): 2332 USB/ALE TO CGGN (HQs, Venezuelan National Guard). Also noted on 08181.0. 17/10 RP3

09060.0 123: (Mexican Army): 0500 USB/ALE TO VIZCAYA (Mexican Army). 29/10 RP3

09060.0 CG6ZM: (HQs, 6th Military Zone, Mexican Army): 1157 USB/ALE TO PMZORRILLO (probably Military Post, Zorrillo). 14/10 RP3

09060.0 ESPANA: (Mexican Army): 0018 USB/ALE TO MADRID (Mexican Army). 28/10 RP3

09060.0 MOVIL: (Mobile unit, Mexican Army): 0633 USB/ALETO CG6ZM (HQs, 6th Military Zone, Mexican Army). 25/10 RP3

09060.0 PMZORRILLO: (probably Military Post (Puesto Militare) Zorrillo, Mexican Army): 0400 USB/ALE TO CG6ZM (HQs (Cuartel General), 6th Military Zone (Zona Militare), Saltillo, Mexico). 11/10 RP3

09081.5 MDANG: & R26323, probable MD NG ground station & helo: 1704 USB ALE (29/SEP/04) (JLM)

09081.5 P189TH: unID US Army Bataillon (189th?) 2153 ALE/USB sounding. Hrd again at 2223 and 2253. (01Nov04) (BC2)

09081.5 T7Z101: (7/101st Avn, Ft Campbell KY): 1442 USB/ALE sounding. 16/10 RP3

09110 NMF: USCG Boston 1025 FAX/120/576 Poor wx chart. (24/Oct/04) (RH2)

09110 NMF: USCG Boston MA USA 2056 FAX/120/576 Good picture. Wind & wave Forecast. (03Nov04) (RGA)

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09130 : Enigma Counting station 0205 USB (English Female)
(24Oct04) (CC)

09130.0 E10: 0733 AM y1 Oct10 04 ML

09140.5 unid: station 17:45 Sitor-A /100/170 calling s/c
OOVY no joy 18/oct/04 (PPA)

09168 1107: Taiwan Navy Perry Class Frigate Tzu I 2016
ALE/USB sounding. (26Oct04) (RGA)

09185 BHH: Unid 2034 ALE/USB Calls KLK. (26Oct04) (RGA)

09185 BNF: Unid 2041 ALE/USB Calls BNA who responds. CGA
and BNG also seen. (26Oct04) (RGA)

09185.0 BHH: chinese net or swiss ??/ tis BHH to KLK 1308
USB/ALE Oct09 04 ML

09190.0 61B: LST "Capana" T-61 2221 USB ALE/MIL-188-141A c1g
CGA: Comandancia General de la Armada (01/NOV/04) (KK)

09190.0 61B: LST T-61 "Capana" 2230 USB ALE/MIL-188-141A c1g
CGA: Comandancia General de la Armada (01/NOV/04) (KK)

09190.0 BNA: (Venezuelan Navy Base "Amario"): 0722 USB/ALE
TO BNG (Venezuelan Navy Base "Gutierrez"). 07/10 RP3

09190.0 BNF: Base Naval Mariscal Juan Crisóstomo Falcón 2059
USB ALE c1g BNA: BN Contralmirante Agustín Armario
(01/NOV/04) (KK)

09190.0 BNF: Base Naval Mariscal Juan Crisóstomo Falcón 2243
USB ALE c1g CGA Comandancia General de la Armada
(01/NOV/04) (KK)

09190.0 BNG: Base Naval Gutiérrez Bolívar 2146 USB
ALE/MIL-188-141A c1g CGA: Comandancia General de la Armada
(01/NOV/04) (KK)

09190.0 CGA: Comandancia General de la Armada 2216 USB ALE
c1g BNF: Base Naval Mariscal Juan Crisóstomo Falcón
(01/NOV/04) (KK)

09190.0 PR1: (Venezuelan Navy River Patrol Craft "Lago1"
PBR-1): 2156 USB/ALE TO DHN (Venezuelan Navy's Direccion de
Hidrografia y Navegacion). 07/10 RP3

09190.0 PR1: unid 2224 USB ALE/MIL-188-141A c1g CGA:
Comandancia General de la Armada (01/NOV/04) (KK)

09190.0 PR1: unid 2224 USB ALE/MIL-188-141A c1g DHN:
Direccion de Hidrografia y Navegacion de la Armada
(01/NOV/04) (KK)

09190.0 T81: T-81 "Ciudad Bolivar" 2050 USB ALE/MIL-188-141A
c1g G11: GC-11 "ALMIRANTE CLEMENTE" (01/NOV/04) (KK)

09198.0 BRS Chilean Navy 2129 LSB ALE/MIL-188-141A c1g CA2
(01/OCT/04) (KK)

09200.0 FREDGAS Wash. Gas & Light Company Frederick, MD 2049
LSB ALE/MIL-188-141A snd (01/OCT/04) (KK)

09200.0 RADIO 2051 LSB ALE/MIL-188-141A snd (01/OCT/04) (KK)

09212.0 COLOGNE: Rohde & Schwarz Cologne, D 1110 USB/MIL-STD
188-141A sounding (13Oct04) (LDO)

09212.0 MUNICH: Rohde & Schwarz HQ Munich, D 1720 USB/MIL-
STD 188-141A c1g COLOGNE (12Oct04) (LDO)

09212.0 PARIS: Rohde & Schwarz Paris, F 0843 USB/MIL-STD
188-141A calling MUNICH (13Oct04) (LDO)

09215.0 EGP: Unid, 1230 ALE/USB to OI7. (03/Nov/04) (MR)

09251 Lincolnshire Poacher (E03) Numbers Station 2135 USB
(28Oct04) (CC) <http://home.luna.nl/~ary/>

09269.8 Unid: Ukrainian MIL 1142 CIS-14 100/1000 FSK
(04/11/04) (AJP)

09295 SLKNY: New York State Emergency Operations, Saranac
Lake, NY 0753 ALE/USB sounding. (05nov04) (BC2)

09295 SYRNY: New York State Emergency Operations,
Syracuse, NY 0745 ALE/USB sounding. (05nov04) (BC2)

09295.0 BNGNY (Nat'l Guard Bureau, Binghamton NY):1653
USB/ALE sounding. 08/10 RP3

09295.0 BNGNY: (Nat'l Guard, Binghamton NY): 1651 USB/ALE
sounding. 02/11 RP3

09295.0 BNGNY: (Nat'l Guard, Binghamton NY): 1803 USB/ALE
sounding. 12/10 RP3

09295.0 CPSNY: (Nat'l Guard, Cooperstown NY): 16:50 USB/ALE
sounding. 17/10 RP3

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09295.0 RCHNY (Nat'l Guard Bureau Rochester NY): 1459 sounding. 08/10 RP3

09295.0 RCHNY: (Nat'l Guard, Rochester NY): 1809 USB/ALE sounding. 12/10 RP3

09295.0 RCHNY: (Nat'l Guard, Rochester NY): 1940 USB/ALE sounding. 16/10 RP3

09295.0 SYRNY (Nat'l Guard Bureau, Syracuse NY): 1628 USB/ALE sounding. 08/10 RP3

09295.0 SYRNY: (Nat'l Guard, Syracuse NY): 1850 USB/ALE sounding. 16/10 RP3

09295.0 T1Z159: (1/159th Avn, Simmons AAF, Ft Bragg NC): 1513 USB/ALE sounding. Also noted on 6911.5. 15/10 RP3

09295.0 T2Z3: (2/3 Avn Hunter AAF, Savannah GA): 1207 USB/ALE sounding. 14/10 RP3

09295.0 T2Z3: (2/3 Avn, Hunter AAF, Savannah GA): 1149 USB/ALE sounding. 25/10 RP3

09300 : Russian Military 1842 MS-5/4800/DPSK/USB In cipher. (29Oct04) (RGA)

09650.0 Exterior Radio Iran Islamic Republic: AM, 20:52 UTC 21.10.04 News in sapanish language (ML)

09854 249: Enigma M87 0132 MCW 249 249 249 91 91. 249 249 249 91 91. = = 041 041 37 37. = = 6duua atn7d d675d ... Every Tue, Thu, Sat in 0130z on 9835 ... 9854 kHz (freq varies). (05-Oct-04) (IB)

09906.0 CLC51: (Local Communications Center , 51st Jungle Inf Bde): 01:06 USB/ALE TO PCRC5 (Regional Communications Command Post, Military Region 5). Also noted on 12191.0. 19/10 RP3

09906.0 SCLC521: (Local Communications Center , 521st Jungle Inf Bn): 00:52 USB/ALE TO CLC52 (Local Communications Center , 52nd Jungle Inf Bde). 19/10 RP3

09982.5 KVM70: Honolulu Met 0638 FAX/120/576 Satpix then S'face prog. (06/Nov/04) (RH2)

09982.5 KVM70:0550-0611z, Honolulu Meteo. Significant cloud & Pacific Streamline maps (FAX 120/576) (During geomagnetic storm, november 9, 2004)(RT4)

10027.0 ldoc CSA: czech airlines 0814 USB czech work unid flight oct30 04 ML

10027.0 Praha Radio: (O/M Czech): 2331 USB w/OK-YAC (O/M Czech). Flight routing and wx for undisclosed locations. Czech Airlines LDOC. 23/10 RP3

10033.0 Miami Radio: 2044 USB w/aircraft 515 (accented EE-identifier missed) who reports arrival Maracaibo at 1940Z; departure Maracaibo 2012Z; and ETA Valencia at 2105Z w/54 pax and 7 crew. 07/10 RP3

10038.3 unid: 1510 P-I/100Bd <Calling 101A> (03/OCT/04) (KK)

10051 GANDER RADIO: VOLMET Service 2026 USB OM with Canadian airfields fcasts. NEWYORK RADIO takes over with TAFORS at 2030z. //13270. (03Nov04) (RGA)

10051 NEW YORK RADIO: VOLMET Service 2048 USB Followed by GANDER RADIO at 2050z. Airfield forecasts. (26Oct04) (RGA)

10071.0 O/M (SS): 2028 LSB w/O/M (SS). 07/10 RP3

10072.0 ldoc air india: 1008 USB ee work flihg t ai112 to dehli & other unid flight LDZ? work heathrow pk1? Nov01 04 ML

10075 3B-NBH: Air Mauritius A310 Flt MK0288 1432 HFDL Signs on. (31Oct04) (RGA)

10075 KE0528: Korean Air Flt 1513 HFDL Reports 5624N 62E to ARINC Muharraq. (31Oct04) (RGA)

10075 LX-PCV: CargoLux B747 'City of Diekirch' Flt CV0792 1544 HFDL Signs on to ARINC Bahrain. 10075 HL-7462: Korean Air B747-4B5F Flt KE0528 1548 HFDL Posn 5534N 07049E.(31Oct04) (RGA)

10075 SA0482: S.African Flt 1850 HFDL At 2837S 02828E. Unid aircraft ICAO ID F80D00. (18Oct04) (RGA)

10075 SU0582: Aeroflot Flt 1832 HFDL Reports 5137N 00048E to ARINC Muharraq. (18Oct04) (RGA)

10100.8 DDK2/9: Pinnenberg Met 1730 RTTY/50/440 RY/ID //7646 & 4583. (27/oct/04) (RH2)

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- 10100.8 DDK2: (offenbach Meteo Center): 0355 RTTY 50/450 CQ
CQ CQ DE DDK2 DDH7 DDK9 FRECUENCIES 4583 KHZ 7646 KHZ
10100.8 KHZ. 29/10 RP3
- 10100.8 DDK9: DWD via Pinneberg 1526 RTTY/50/450 Sea states
in EE. (SkySweeper tests). (03Nov04) (RGA)
- 10110.0 ZETA61: Polish Military located in (?), 0910 ALE/LSB
with c/ss =ATENA66, DIAKON55, BERKEL57. (05/10/04) (MR)
- 10115.0 CLC51 (Local Communications Center, 51st Jungle Inf
Bde, Venezuelan Army): 0054 USB/ALE TO SCLC512 (Subordinate
Local Communications Center, 512th Jungle Inf Bn). Also
noted on 14569.0. 08/10 RP3
- 10115.0 CLC51: (Local Communications Center, 51st Jungle
Inf Bde): 01:08 USB/ALE TO SCLC513 (Local Communications
Center, 513th Jungle Inf Bn). 18/10 RP3
- 10115.0 PCRC5: (Regional Command Post (Communications),
Military Region 5): 01:26 USB/ALE TO CLC51 (Local
Communications Center, 51st Jungle Inf Bde). 18/10 RP3
- 10115.0 PCRC5: Venezuelan Army 2314 ALE/USB c/g SCLC521
(24/10/04) (AJP)
- 10125.0 CIO2: Numberstation 1545 USB fem. Voice: Charlie-
India-Oscar-Two (30/OCT/04) (KK)
- 10135.0 JAGUAR: (Mexican Army): 0109 USB/ALE TO LINCE
(Mexican Army). 27/10 RP3
- 10135.0 LINCE: (Mexican Army): 0301 USB/ALE TO LEOPARDO
(Mexican Army). 11/10 RP3
- 10135.0 LINCE: (Mexican Army): 1148 USB/ALE TO LEOPARDO
(Mexican Army). 14/10 RP3
- 10141.9 IK3NWX: propagation beacon, I, 1515, CW, 22-Oct-2004 (CK)
- 10144.0 DK0WCY: R/AM BEACON 1410 CW "Info 20 Oct 12utc Kiel
K 3 = forecasts 20 Oct sunact eruptive magfield quiet = 19
Oct R 86 flux 99 Boulder A6 = 19 Oct Kiel A 8 ar"
(20/Oct)(DW)
- 10182.0 IKZ040: UNID Polish MIL, POL? 0827 USB/MIL-STD
188-141A, calling RAT038 (12Oct04) (LDO)
- 10182.0 ODM036: UNID Polish MIL, POL? 0826 USB/MIL-STD
188-141A, calling RIE039 (12Oct04) (LDO)
- 10182.0 OLI021: UNID Polish MIL, POL? 0729 USB/MIL-STD
188-141A, calling RAT038 (12Oct04) (LDO)
- 10182.0 TOP022: UNID Polish MIL, POL? 0827 USB/MIL-STD
188-141A, calling RIE039 (12Oct04) (LDO)
- 10182.0 WIE028: UNID Polish MIL, POL? 1350 USB/MIL-STD
188-141A, calling OLI021 (12Oct04) (LDO)
- 10194 : Unid 1809 LINK-11/2250/USB Data. (28Oct04) (CC)
- 10206.0 DHJ58: German navy Gluecksberg D 19:15 J3E/U Mil-std
188-110 modem traffic to DRDT 18oct04 (PPA)
- 10206.2 1366: Egyptian border guard 08:20 ALE/USB
establishing Arabic voice contact with 1224 9oct04 (PPA)
- 10207.8 OHT30P: Algerian oil Ohanet ALG 17:15 ALE/USB
sounding 18/oct04 (PPA)
- 10209 132: UNID Spanish Guardia Civil node, E 1638
USB/MIL-STD 188-141A, wkng. TWBA [=Barcelona]
(11Nov04) (LDO)
- 10209.0 10803: Unid, 1310 ALE/USB. Also c/s 23002 on this
freq. =(05/10/04) (MR)
- 10242 CAMSLANT: 1445 USB wkg -? 33 with flight ops.
(24 oct 04) (RB)
- 10242 CAMSLANT: USCG Chesapeake VA USA 1446 USB wkg CG
1717 (HC-130). (31Oct04) (RB)
- 10242 M70: ICE BEECH C-12C #N72470 0303 USB/ALE sounding.
(08nov04) (BC2)
- 10242 PANTHER: DEA OPBAT, Nassau Bahamas 1446 USB wkg 61
ALPHA (OPBAT USCG HH-65 6561) for radio guard.
(24 Oct 04) (RB)
- 10242.0 Camslant Chesapeake: (very weak): 1828 w/6003
(HH-60, CGAS Clearwater-not heard) in ALE and clear voice
radio checks. 15/10 RP3
- 10242.0 Camslant Chesapeake: 1158 USB w/Julliet 01 (HH-60 #
6001, CGAS Elizabeth City-not heard) in radio checks in

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clear voice and ALE. J01 reports they have 6 POB.13/10 RP3
10242.0 Camslant: Chesapeake: 1158 USB w/Julliet 01 (HH-60 #
6001, CGAS Elizabeth City-not heard) in radio checks in
clear voice and ALE. J01 reports they have 6 POB.13/10 RP3
10242.0 D44: (ICE P-3 AEW&C #N144CS/BuNo 153446, Corpus
Christi AMB, TX): 1326 USB/ALE TO CNT (unidentified BICE
unit, possibly Central) 05/11 RP3
10242.0 LNT: (Camslant Chesapeake): 2046 USB w/J25 (USCG
HH-60J #6025 CGAS Clearwater). In voice J25 gives position
as 2800N/8332W. J25 has trouble hearing Camslant and they go
back to scan. 23/10 RP3
10242.0 LNT: 1505 USB/ALE w/J01 (HH-60 # 6001, CGAS
Elizabeth City). Then in voice J01 reports flight ops
normal and they return to scan. 04/11 RP3
10272.0 CORE7: (Commander, Venezuelan National Guard Region
7): 2306 USB/ALE TO CUFAN3 (unidentified sub-element of
Unified Command of National Armed Forces). 17/10 RP3
10273.5 NET2: Unid Austrian net, 1325 ALE/USB with OEY52 and
OEY41. (02/Nov/04) (MR)
10285.0 GASSI30P: Gas&Oil Net Gassi Touil, ALG 2154 LSB
ALE/MIL-188-141A snd (02/OCT/04) (KK)
10285.0 RNOUSLR1: Gas&Oil Net Rhourde Nouss, ALG 2155 LSB
ALE/MIL-188-141A snd (02/OCT/04) (KK)
10295 2009: UNID Corpo Carabinieri station, I? 0958
LSB/MIL-STD 188-141A, cIng. 2008, no response (12Nov04) (LDO)
10298.5 UT4D: Danish Mil, 1435 ALE/USB to IR01. (03/Nov/04) (MR)
10310 : Russian Military 1018 81-81/40.5/500 Cipher. wkg
with 10315. (30Oct04) (RGA)
10310.6 FREGATES: UNID Thales/French Navy station, F 1024
USB/MIL-STD 188-141A, tfc. to "AVISOS" (10Nov04) (LDO)
10315 : Russian Military 1019 81-81/40.5/500 Cipher. wkg
with 10310. (30Oct04) (RGA)
10315.0 DHN66: ?? NATO Geilenkirchen 0756 ITA2 / 40.5 - sig
6 - encrypt Oct30 04 ML
10340.0 BRAVO: Unid Polish Mil, 1355 ALE/USB. Also GRANIT,
KILO, P20, P21 and P22 on this freq. (02/Nov/04) (MR)
10343 : Unid Numbers Stn 1709 CW Ends 5FG message ...
01735 31573 000 000. (26Oct04) (RGA)
10352.2 unid: NATO military 17:19 STANAG 4285 /2400 bps /3K / 600
bps long interleave encrypted traffic 21oct04 (PPA)
10379.5 unid: Chinese diplo 23:45 4+4 Idling 2oct04 (PPA)
10426.1 UNK: UNK 1710 RTTY 6-B 75/850 "RRRR..." String. Huge
signal in OR. (04/Nov/104) (Fibber)
10438 SOFIE: Czech embassy Sofia, BUL 1125 USB/MIL-STD
188-110A serial tone modem, IRS-mode, using Datron HFCOM2
ARQ-protocol, return channel on 11500kHz USB (01Nov04) (LDO)
10438.0 SOFIE: Czech embassy Sofia, BUL 1125 USB/MIL-STD
188-110A serial tone modem, IRS-mode, using Datron HFCOM2
ARQ-protocol, return channel on 11500kHz USB (01Nov04) (LDO)
10449.0 104: unid Chinese net 17:34 ALE/USB ending modem
traffic with 102 (to 102 this was 104) 21oct04 (PPA)
10476.2 unid Ship 1929 P-I/100Bd <Calling:VZX> Firefly
Radio AUS, no cnt (30/SEP/04) (KK)
10509.6 AVISOS: UNID Thales/French Navy station, F 1031
USB/MIL-STD 188-141A, tfc. to "FREGATES" (10Nov04) (LDO)
10509.6 FREGATES: UNID Thales/French Navy station, F 1031 USB/MIL-
STD 188-141A, tfc. to "AVISOS" (10Nov04) (LDO)
10536 CFH: CanForce METOC Centre Halifax NS CAN 2100
RTTY/75/850 Canadian aviation wx. Then into FAX at 2105z.
(26Oct04) (RGA)
10536 CFH: CF HalIFAX/1030 FAX/120/576 wx xhart //6496.5
(24/oct/04)/04) (RH2)
10555.3 VMW: wiluna Met 1037 FAX/120/576 Nice clear chart.
(24/Oct/04) (RH2)
10588.0 421FEMAUX: Fema Aux 1939 USB ALE snd (19/OCT/04) (KK)
10588.0 FC8FEM: Fema Reg.8 1948 USB ALE snd (19/OCT/04) (KK)
10595 104: Saudi MOI 1845 ALE/USB calls 110. (29Oct04) (RGA)
10600 CUFAN3: HQ Unified National Forces Venezuela 1904

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ALE/USB wkg CORE7/HQ Military Region 7 Puerto la Cruz.
(29Oct04) (RGA)

10600.0 CUFAN3: (unidentified sub-element of Unified Command
of National Armed Forces): 23:05 USB/ALE w/CORE7 (Commander,
Nat'l Guard Region 7). 19/10 RP3

10610.9 : Moscow Meteo 1718 FAX/120/576 Poor chart. Fading.
(13Nov04) (RGA)

10635.0 unid: 0613 USB span om d/x /but only one heard /
lot of positions ?Oct24 04 ML

10650.0 LOSLLANOS: (Venezuelan Navy LSM "Los Llanos", T-64):
0912 LSB/ALE TO BNARCO (Commander, Venezuelan Navy Base
"Amario"). Also noted on 20400.0 USB. 07/10 RP3

10671.0 no-call: Rus. intel, RUS 1020 BAUDOT 200.33Bd/500Hz,
auto broadcasting multi figure group message to recipient
"118" (16Oct04) (LDO)

10672.0 Unid: (CC): 2140 USB w/o/M (CC). 23/10 RP3

10680.0 KRUQNG: ARNG Rowan County AP Salisbury, NC 2041 USB
ALE/MIL-188-141A snd (02/OCT/04) (KK)

10700.0 Colombian mil phone: 0003 LSB/ALE clg MOCHUELO [AMD]
DIAL09874084422 (30/SEP/04) (KK)

10700.0 Colombian mil phone: 0017 LSB/ALE clg MOCHUELO [AMD]
DIAL0976554987 (30/SEP/04) (KK)

10700.0 Colombian mil phone: 0124 LSB/ALE clg MOCHUELO [AMD]
DIAL09866001700 (30/SEP/04) (KK)

10700.0 Colombian mil phone: 0132 LSB/ALE clg MOCHUELO [AMD]
DIAL09674098800 (30/SEP/04) (KK)

10700.0 Colombian mil phone: 0137 LSB/ALE clg MOCHUELO [AMD]
DIAL09826401950 (30/SEP/04) (KK)

10700.0 Colombian mil phone: 0215 LSB/ALE clg MOCHUELO [AMD]
DIAL09222597619 (30/SEP/04) (KK)

10700.0 Colombian mil phone: 0232 LSB/ALE clg MOCHUELO [AMD]
DIAL09240089239 (30/SEP/04) (KK)

10700.0 Colombian mil phone: 0356 LSB/ALE clg MOCHUELO [AMD]
DIAL0943770775 (30/SEP/04) (KK)

10700.0 Colombian mil phone: 2252 LSB/ALE clg MOCHUELO [AMD]
DIAL09265704800 (30/SEP/04) (KK)

10700.0 Colombian mil phone: 2356 LSB/ALE clg MOCHUELO [AMD]
... (30/SEP/04) (KK)

10700.0 MOCHUELO: Colombian Mil phone 2138 LSB
ALE/MIL-188-141A clg 1901 [AMD]DIAL0963377879
(01/OCT/04) (KK)

10711.0 TA1: Unid, 1022 ALE/USB with TA2. working by HARCO39
(unknown protocol). (18/10/04) (MR)

10715.0 dz102: fsk16 50/ (16/Nov/2004) (Anonymous)

10733.6 KEH34TOC: UNID US embassy, 1355 USB/MIL-STD
188-141A, calling "@?@" [=global allcall] but no response on
this channel (12Nov04) (LDO)

10780 Razor 05: USAF E3 2002 USB Calls Cape Radio (NASA)
for phone patch to Peachtree (USAF Robbins AFB GA)
DSN-497-3260 with lines of information and weather for
Robbins and for an active runway which is 33. (22Oct04) (CC)

10822.0 4XML: unid Chinese naval Central CHN 00:06 A1A v
bfr7 bfr7 bfr7 de4xml 4xml 4xml 2oct04 (PPA)

10822.3 4XML: PRC Marker 0013 CW BFR7 de 4XML (24/10/04) (AJP)

10823 : Unid Chinese Mil Station 0641 CW ... id nr tt8
time 143t = comm / 1500 / lxz268 / 67121 / 67081 67044 67084
/ 03 ar agn id nr tt8 time 143t = comm / 1500 /... I think
this tx like flash message. (15Nov04) (IB)

10830 T22238: 2-238 AVN US Army Tuzla BIH 1935 ALE/USB
Sounding. (29Oct04) (RGA)

10840.0 LV6KW4WP: Unid, 1500 ALE/LSB with c/ss RU5TX9AV,
P269IVBW, ZT3MY8JK, KSH82VTS (???). Prob South-East=20
location. (18/10/04) (MR)

10854.0 unid: NATO military 00:19 ISB / LINK 11 / 2250 bps /
2K4 2oct04 (PPA)

10869.2 RFVI: FF Le Port Réunion 1756 ARQ-E3/100/400
Numbered self-addressed channel checks on circuit RUN to
Djibouti. (13Nov04) (RGA)

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10871.7 D: MX Beacon Odessa 2110 CW (26Oct04) (RGA)
10872 S: MX Beacon Arkhangelsk 0610 CW //20049 16332
13528. (18Oct04) (WC)
10896 : Unid 1814 LINK-11/2250/USB Data. (28Oct04) (CC)
10913.5 ME1: (FBI, Memphis TN): 1615 USB/ALE TO AT1 (FBI,
Atlanta GA). Also noted on 11073.5. 25/10 RP3
10945 CFH: CanForce Halifax NS CAN 1701 RTTY/75/850 ZKRs.
// 15920. (26Oct04) (RGA)
10945 CFH: CanForce Halifax NS CAN 2043 RTTY/75/850 ZKRs
to NAWS. (Skysweeper tests). (03Nov04) (RGA)
11010.0 ZLO: RNZN Irirangi NZL 17:14 USB / BR6028 / 7*F1B
75-170 + 600 hzdoppler encrypted traffic 1oct04 (PPA)
11023.0 ---: UKRAINIAN MIL ?LOC 1411 RTTY 50/R/250 Tfc in
3sc and online encrypted. Offair 1419. 1423 further tfc ,
occ op sigs thru 1454 (29/Oct)(DW)
11023.0 ---: UKRAINIAN MIL ?LOC 1430 RTTY 50.08/R/250 Tfc
(3sc) in online encrypt. Periodically off air. Msg hdrs
handkeyed eg "uts 24 1113 P/S 16545 28 1113 75'" then
encryption key starting aaaaa bbbbbb hhhhh kakka" and into
online crypto at full speed. Switches to idle on Mark at end
of sessions (28/Oct)(DW)
11023.0 unid: 1231 rtty 50/250 tfc with header clear ,
then scabed tfc with third shift cyril. alphabet
020kt04 (wp3)
11030.0 VMC: Charleville meteo AUS 16:57 F1C/120/576
weak,fainted picture 20oct04 (PPA)
11050.0 Mandate: 0200 USB / working Magic 91 and later
Adam. "Venom 31, RTB." (13Oct.2004) (Midwest USA)
11063 : Rus. intel, RUS 1340 AM/MFSK-20/20Bd, auto
broadcasting 5 figure group message to recipient "842"
(01Nov04) (LDO)
11063.0 no-call: Rus. intel, RUS 1340 AM/MFSK-20/20Bd, auto
broadcasting 5 figure group message to recipient "842"
(01Nov04) (LDO)
11086.5 GYA: FWOC Northwood UK 1630 FAX/120/576 97%.
(16Nov04) (WC)
11091.8 RFVI: FN Le Port REU 17:28 ARQ-E3/400 idle on ITT
circuit to Mayotteisland 1oct04 (PPA)
11106 120: UNID Spanish Guardia Civil node, E 1659
USB/MIL-STD 188-141A, wkng. TWBA [=Barcelona]
(11Nov04) (LDO)
11155.0 rit: rus Navy Baltic Fleet 1301 cw ris96 de rit
qap k 1305:clg rcjd qsa ? k 1504z: clg rla88 then rjk84 ,
1543z: ral59 1550z: 5fg 020kt04 (wp3)
11155.0 RIT: Russian navy Severomorsk RUS 17:33 A1A 5F msgs
to RJQ84 , RLA88and RAL59 1oct04 (PPA)
11155.0 unid: 0955 CW "tarrit...ruk..." Oct09 04 ML
11159 : RN/NATO Broadcast 1708 NATO-75/75/850 Block
messages in KG84. Different lengths. (13Nov04) (RGA)
11171.7 O/M (SS): 2207 USB w/unheard station. 02/11 RP3
11175 5RA: Unid 1955 USB Passing Traffic to DE BREAD.
(28Oct04) (CC)
11175 BAT 94: Clg MAINSAIL 2040 SUB For radio check while
DE BREAD was giving EAM of 48 characters. (28Oct04) (CC)
11175 SABRE35: wkg SABRE 36 1755 USB Doing authentication,
35 blew the first check then got the second check right.
Also hrd SABRE 35 in comm check with Yokota then off.
(29Oct04) (BC2)
11175.0 Bee Bread: was active at 1820z with BEE BREAD (good
readable) bcsting a 217-character EAM (AGDE2X), simulcasting
same on at least 8992.0 (good readable) and 15016.0
(readable), with nothing heard on 13155.0 and 11244.0
(28/10/04) (MR)
11175.0 Bee Bread: was active at 1848z with BEE BREAD (good
readable) bcsting a 217-character EAM (AGDE2X), simulcasting
same on at least 8992.0 (good readable) and 15016.0 (weak
readable), with nothing heard on 13155.0 and 11244.0
(28/10/04) (MR)

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- 11175.0 Bee Bread: was active at 1915z with BEE BREAD (good readable) bcsting a 48-character EAM (AGDE2X), simulcasting same on at least 8992.0 (good readable) and 15016.0 (readable), with nothing heard on 13155.0 and 11244.0 (28/10/04) (MR)
- 11175.0 Bee Bread: was active at 1940z with BEE BREAD (good readable) bcsting a 48-character EAM (AGDE2X), simulcasting same on at least 8992.0 (good readable) and 15016.0 (weak readable), with nothing heard on 13155.0 and 11244.0 (28/10/04) (MR)
- 11175.0 Bee Bread: was active at 1944z with BEE BREAD (good readable) bcsting a 217-character EAM (AGDE2X), simulcasting same on at least 8992.0 (good readable) and 15016.0 (weak readable), with nothing heard on 13155.0 and 11244.0 (28/10/04) (MR)
- 11175.0 Bee Bread: was active at 2010z with BEE BREAD (good readable) bcsting a 48-character EAM (AG762E), simulcasting same on at least 8992.0 (good readable) and 4724.0 (weak readable), with nothing heard on 13155.0, 15016.0 and 11244.0 (28/10/04) (MR)
- 11175.0 Bee Bread: was active at 2014z with BEE BREAD (good readable) bcsting a 217-character EAM (AGDE2X), simulcasting same on at least 8992.0 (good readable) and 4724.0 (weak readable), with nothing heard on 13155.0, 15016.0 and 11244.0 (28/10/04)=20
- 11175.0 Evac 59412: 0246Z Evac 59412 [type?] call Elmendorf PP Andrews AFB, MD - ETA 0550Z 20oct04 (RR)
- 11175.0 Keflavik 01: was active at 1757z with KEFLAVIK 01 (good readable), radio check with LAJES. (27/10/04) (MR)
- 11175.0 McClellan: was active at 1830z with MCCLELLAN (very good readable) bcsting a 28-character EAM (U6LVPR). (28/10/04) (MR)
- 11175.0 News Cast: was active at 1816z with NEWS CAST (good readable) bcsting a 28-character EAM (U65DDD), simulcasting same on at least 8992.0 (weak) and 15016.0 (weak), with nothing heard on 13155.0 and 11244.0, TACAMO LANT? (27/10/04) (MR)
- 11175.0 News Cast: was active at 1840z with NEWS CAST (good readable) bcsting a 33-character EAM (AGSJYY), simulcasting same on at least 8992.0 (weak) and 15016.0 (weak), with nothing heard on 13155.0 and 11244.0, TACAMO LANT? (27/10/04) (MR)
- 11175.0 News Cast: was active at 1910z with NEWS CAST (good readable) bcsting a 33-character EAM (AGSJYY), simulcasting same on at least 8992.0 (weak), with nothing heard on 13155.0, 15016.0 and 11244.0, TACAMO LANT? (27/10/04) (MR)
- 11175.0 News Cast: was active at 1940z with NEWS CAST (good readable) bcsting a 33-character EAM (AGSJYY), simulcasting same on at least 8992.0 (good readable), with nothing heard on 6697.0, 13155.0, 15016.0 and 11244.0, TACAMO LANT? (27/10/04) (MR)
- 11175.0 News Cast: was active at 1833z with NEWS CAST (good readable) bcsting a 33-character EAM (AGSJYY), simulcasting same on at least 8992.0 (weak) and 15016.0 (weak), with nothing heard on 13155.0 and 11244.0, TACAMO LANT? (27/10/04) (MR)
- 11175.0 Offutt: was active at 1842z with OFFUTT (very good readable) bcsting a 33-character EAM (AGSJYY). (27/10/04) (MR)
- 11175.0 Offutt: was active at 1901z with OFFUTT (very good readable) bcsting a 28-character EAM (U6LVPR). (28/10/04) (MR)
- 11175.0 Offutt: was active at 1930z with OFFUTT (very good readable) bcsting a 28-character EAM (U6LVPR). (28/10/04) (MR)
- 11175.0 Out Face: was active at 1705z and 1735z with OUT FACE (very weak readable) bcsting a 28-character EAM (U65DDD), simulcasting same on at least 15016.0, with

nothing heard on 13155.0, 8992.0 and 11244.0
(27/10/04) (MR)

11175.0 OUT SPIN: 1705(very weak readable) bcsting a 28-character EAM (U65DDD), simulcasting same on at least 15016.0, with nothing heard on 13155.0, 8992.0 and 11244.0
(27/10/04) (MR)

11175.0 Proclaim: was active at 1820z with PROCLAIM (good readable) bcsting a 28-character EAM (U6LVPR), simulcasting same on at least 8992.0 (weak readable) and 15016.0 (too weak readable), with nothing heard on 13155.0 and 11244.0
(28/10/04) (MR)

11175.0 Proclaim: was active at 1822z with PROCLAIM.
Passing: "This is PROCLAIM, standing by for traffic"
28/10/04 (MR)

11175.0 Proclaim: was active at 1850z with PROCLAIM (good readable) bcsting a 28-character EAM (U6LVPR), simulcasting same on at least 8992.0 (good) and 15016.0 (very weak readable), with nothing heard on 13155.0 and 11244.0
(28/10/04) (MR)

11175.0 Proclaim: was active at 1857z with PROCLAIM (good readable) bcsting a 217-character EAM (AGDE2X), simulcasting same on at least 8992.0 (good) and 15016.0 (very weak readable), with nothing heard on 13155.0 and 11244.0
(28/10/04) (MR)

11175.0 Proclaim: was active at 1905z with PROCLAIM (weak readable) bcsting a 217-character EAM (AGDE2X), simulcasting same on at least 8992.0 (weak), with nothing heard on 13155.0, 15016.0 and 11244.0 (28/10/04) (MR)

11175.0 Proclaim: was active at 1923z with PROCLAIM (weak readable) bcsting a 217-character EAM (AGDE2X), simulcasting same on at least 8992.0 (weak), with nothing heard on 13155.0, 15016.0 and 11244.0 (28/10/04) (MR)

11175.0 Proclaim: was active at 1940z with PROCLAIM (weak readable) bcsting a 48-character EAM (AGDE2X), simulcasting same on at least 8992.0 (weak readable), with nothing heard on 13155.0, 15016.0 and 11244.0 (28/10/04) (MR)

11175.0 Proclaim: was active at 1950z with PROCLAIM (weak readable) bcsting a 48-character EAM (AGDE2X), simulcasting same on at least 8992.0 (weak readable), with nothing heard on 13155.0, 15016.0 and 11244.0 (28/10/04) (MR)

11175.0 Reach 024Y: 0101Z Reach 024Y [type?] call
Croughton PP Lajes Fld, Azores -ETA 0400Z 20oct04 (RR)

11175.0 SNOOP 55: 1657 requesting Hickam HF p/p with Tracker CP and looking status of tanker a/c with c/s GUCCI 42 from Travis AFB. (27/10/04) (MR)

11175.0 Unid: was active at 1933z with _____ (good readable, i have not heard c/s) bcsting a 48-character EAM (AGDE2X), simulcasting same on at least 8992.0 (good readable) and 15016.0 (readable), with nothing heard on 13155.0 and 11244.0 (28/10/04) (MR)

11175.0 usaf: 0716 USB reach24 Nov01 04 ML

11181 HAWSPR: USAF SIPRNET Gateway, Ascension Island 0015 ALE/USB sounding. (04nov04) (BC2)

11181 JNRSPR: USAF SIPRNET Gateway, Roosevelt Roads, PR 0022 ALE/USB sounding. (04nov04) (BC2)

11184 A7-AFL: Qatar Airways A320-203 Flt QR0033 1536 HFDL ICAO ID AC0560 At 4408N 01507E. Ex F-WWKZ. (22Oct04) (RGA)

11184 A7-AFM: Qatar Airways A330 1403 HFDL Signs on. (22Oct04) (RGA)

11184 A7-AFO: Qatar Airways A330 1359 HFDL ICAO ID 6C0560. Signs on to ARINC Reykjavik. (22Oct04) (RGA)

11184 B-2461: China Southern B747 1304 HFDL Signs on. (13Nov04) (RGA)

11184 B-2473: China Southern B747-41BF 1628 HFDL Signs on. (22Oct04) (RGA)

11184 B-6009: China Eastern A320-214 1439 HFDL Signs on. Ex F-WWDN. (22Oct04) (RGA)

11184 B-6051: China Eastern A340 Flt MU0554 1328 HFDL

Signs on. (13Nov04) (RGA)

11184 C00047: Continental 47 747-400 2321 HFDL Posn
404913N 840823W. working Reykjavik. (01Nov04) (BC2)

11184 G-VFOX: Virgin Atlantic A340 'Silver Lady' Flt
VS0201 1519 At 5128N 00028W. (13Nov04) (RGA)

11184 G-VMEG: Virgin Atlantic A340 'Mystic Maiden' Flt
VS0900 1552 HFDL At 6047N 04244E. Acks weather for ULAA USDD
UUNT and UUY. (22Oct04) (RGA)

11184 KE0259: Korean Air Lines 259 747 2330 HFDL Posn
454650N 825920W. working Reykjavik. (01Nov04) (BC2)

11184 N327UP: UPS B767 1505 HFDL Signs on. ICAO ID 8451C5.
(13Nov04) (RGA)

11184 N67157: Continental B767 1253 HFDL Acks msg from
ARINC Reykjavik re alternate airfields. (13Nov04) (RGA)

11184 SU-GCF: EgyptAir A300 Flt MSR786 1628 HFDL Posn
report 3417N 027E to Reykjavik. (22Oct04) (RGA)

11203.4 MDN: Minist=E8re de la d=E9fense nationale Algiers,
ALG 0713 USB/MIL-STD 188-141A tfc. to HN50 (15Oct04) (LDO)

11205 CG 1701: USCG HC-130H7 wkg Smasher (US Southaf flt
monitoring, Key West) 2350 USB with position report and
leaving Sacramento heading to MLSP (?) (23Oct04) (CC)

11205 Reach 188(?): wkg Smasher (US Southaf flt
monitoring, Key West) 2328 USB with position report and
destination to (MPTO) (Panama City Tocumen INT'L).
(23Oct04) (CC)

11205.0 Halifax Military: 1817 USB w/unheard aircraft w/wx
for St Johns. 03/11 RP3

11205.0 Halifax Military: 2104 USB w/Pathfinder 19 (Canadian
Fisheries aircraft) w/request to close watch. Halifax relays
that MOC (Ministry of Commerce) approves closing watch.
03/11 RP3

11207 R26046: Prob US Army UH-1/UH-60 Helicopter 1210
ALE/USB to T1Z137/1-137 Avn Bn US Army Camp Bondsteel Bosnia
(18OCT04) (ZE)

11207 T1Z137: 1-137th Avn US Army Camp Bondsteel, Bosnia
0956 ALE/USB snd. tws. (18OCT04) (ZE)

11207.0 T1Z137: 1-137th AVN Camp Bondsteel, SCG 1300
USB/MIL-STD 188-141A, sounding (15Oct04) (LDO)

11226.0 523559: (KC-135 # 52-3559): 1645 USB/ALE TO E31607
(E-3B AWACS # 76-1607, Tinker AFB). Also noted on 18003.0.
30/10 RP3

11226.0 591499: (KC-135 # 59-1499): 1853 USB/ALE sounding.
09/10 RP3

11226.0 OFF: (Offutt AFB): 1737 USB/ALE TO E30138 (E-3B
AWACS # 80-0138, Tinker AFB). 23/10 RP3

11232 King 24: wkg Trenton Military 2012 USB For weather
at (CYJT) Stephenville Canada (Newfoundland) for and ETA of
2245 local. (22Oct04) (CC)

11232 Sentry 51: USAF E-3 wkg Trenton Military 2214 USB
For phone patch to Raymond 22 (USAF Nellis AFB NV) DSN
682-1859 for weather for ETA of 2300 to Raymond 22.
(23Oct04) (CC)

11232.0 Bandsaw: was active at 1525z with BANDSAW =3DM=3D
requesting Trenton military p/p with BEST DEAL. After
dialing BANDSAW =3DM=3D passing to BEST DEAL line1-6.
(22/10/04) (MR)

11232.0 Bandsaw: was active at 1531z with BANDSAW =3DM=3D
requesting Trenton military p/p DSN 939-1852 with station
RETAILLER and asking his working frequency with station COOL
BAS (COBUS or sound like). RETAILLER passing to BANDSAW =
3DM=3D code freq Z-150. (22/10/04) (MR)

11232.0 Razor 22: was active at 1828z with Razor 22 (JSTARS
a/c E-8) requesting Trenton Military p/p with PEACH TREE,
DSN nbr 497-3260. After dialing ZAROR 22 requesting landing
weather for Robbins AFB time 2045z or 1645 local.
(28/10/04) (MR)

11232.0 Trenton military: (4) USB 14:40 Traffic with unid
a.c. 4/nov/04 (RPA)

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- 11232.0 Trenton Military: 1634 USB w/unheard aircraft Rescue 325 (CC-130 # 130325) in pp w/Rescue Coordination Center (RCC). 03/11 RP3
- 11232.0 Trenton Military: 1927 USB w/Sentry 30 (E-3B AWACS, Tinker AFB) in pp w/Raymond 24 (Tinker AFB) w/formatted maintenance report. 12/10 RP3
- 11232.0 Trenton Military: 2027 USB w/Reach 1615 (not heard) in pp w/Dover CP. Also in pp w/Scott Metro w/Trenton Military acting as relay w/request for wx at Dover. 12/10 RP3
- 11232.0 Trenton Military: 2038 USB w/Swordfish 17 (CP-140, CFB Greenwood) w/request for wx at Halifax and greenwood. 12/10 RP3
- 11232.0 Trenton Military: 2044 USB w/Razor 88 (E-8C JSTARS, Robbins GA) in pp=w/unidentified station (caught at sign off). 29/10 RP3
- 11232.0 Wizard: was active at 1628z with WIZARD =3DD=3D (AWACS a/c E-3) requesting Trenton Military p/p with BEST DEAL. After dialing WIZARD 3DD=3D passing to BEST DEAL line1-6. (26/10/04) (MR)
- 11232.0 Wizard: was active at 1631z with WIZARD =3DD=3D requesting Trenton Military p/p DSN 939-1856 with station APPLE PIE and asking his working frequency. APPLE PIE passing to WIZARD =3DD=3D monitoring freq Z-320 and global freqs. (26/10/04) (MR)
- 11235.0 O/M (SS-probable call sign Vigia): 1852 USB w/unheard station in radio checks. Tells unheard station to use frequency B6. Probable Spanish Air Force. 04/11 RP3
- 11235.0 Vigia: (Spanish Air Force-O/M SS): 2024 USB w/aircraft 11 (unheard) in morale pp. After pp Vigia tells aircraft 11 that frequency B3 is primary and B5 is secondary. 04/11 RP3
- 11244 GLASSWARE: Unid 0105 USB Testing with a five-count. (10Nov04) (BC2)
- 11244 IRISHMAN: 28-char EAM 0410 USB U6QXSW and a 3-6-9 message of 5 groups NEH CPM EEP 3LJ WJY, simulcast on at least 6697 with nothing heard on 8992 or 13155. H+10/h+40 activity. (20 Oct 04) (JH)
- 11244 MCCLELLAN: USAF McClellan AFB CA 0130 USB EAM BU4PCD. (10Nov04) (BC2)
- 11244.0 Show Piece: was active at 2223z with SHOW PIECE (good readable) bcsting a 6-character EAM (DI2ZNX), simulcasting same on 6697.0, with nothing heard on 13155.0 and 8992.0, TACAMO LANT? (26/10/04) (MR)
- 11247.0 Architect: (RAF Flight watch): 1930 USB w/airfield color states. 04/11 RP3
- 11247.0 Architect: (RAF Flight watch): 2231 USB w/airfield color states. 25/10 RP3
- 11256.0 Unid: (Accented EE): 2349 USB w/aircraft (O/M accented EE) w/flight & aircraft information. Probable Ethiopian Airlines LDOC. 25/10 RP3
- 11261.5 Unid: (unid African language): 2146 USB w/O/M (unid African language). 23/10 RP3
- 11279 GANDER: NAT-D MWARA 1513 USB wkg UPS (?) (Boeing 747-121SF N681UP) (Selcal CDPQ) with position report. (19Oct04) (CC)
- 11279.0 VM taschkent: 0821 USB russ y1 "duchambe..." Oct30 04 ML
- 11291.0 atc sat: 0722 USB work BLPR vrg? pp-vpv?? Sep25 09 ML
- 11300 Air Force 5023: Clg/wkg Tripoli 0227 USB with posn, FL 290 (MWARA/AFI-3). (27Oct04) (RB)
- 11300 Cairo: MWARA/AFI-3 0211 USB Clg Khartoum no response. Still clg at 0230. (27Oct04) (RB)
- 11300 Cairo: MWARA/AFI-3 0211 USB Clg Tripoli, then Nairobi, no response. (27Oct04) (RB)
- 11300 MKA218: Clg Khartoum 0205 USB No response. At 0224 wkg Cairo with posn FL 370, request 350 (MWARA/AFI-3). (27Oct04) (RB)
- 11300 Tripoli: MWARA/AFI-3 0201 USB Clg Khartoum

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- repeatedly, no response. (27Oct04) (RB) (RB)
- 11300 Tripoli: MWARA/AFI-3 0212 USB Clg/wkg Cairo re aircraft posn. & if they have contact with Khartoum. (27Oct04) (RB)
- 11300 Tripoli: MWARA/AFI-3) 0204 USB wkg ?-712 overhead ZD for posn. (27Oct04) (RB)
- 11309 NEW YORK: NAT-E MWARA 1554 USB wkg Iberia 6403 (GIE Airbus A340-300) with position report. (19Oct04) (CC)
- 11309 NEW YORK: NAT-E MWARA 1605 USB wkg Speed Bird 215 (Boeing 777-238/ER) (selcal GKAS) with position report. (19Oct04) (CC)
- 11309 NEW YORK: NAT-E MWARA 1615 USB wkg Air Europa (Boeing 767-300) (selcal EHAL) with position report. (19Oct04) (CC)
- 11309.0 Air Europa 051: (tentative) 1958 AEA Flight bound for Holguin w/NY USB 13/10 (PP1)
- 11309.0 atc nat /santa maria: 1315 USB work corsair867 Oct03 04 ML
- 11309.0 Martinair 910: 1953 Flight MPH910 w/New York pos 24N055W 1947z USB 13/10 (PP1)
- 11315 B-HQB: CPA A340 Flt CPA831 2200 HFDL QSYs from Las Palmas to Riverhead. (26Oct04) (RGA)
- 11315 B-HQC: Cathay Pacific A340 Flt CX0831 2207 HFDL Reports 5247N 07501W to ARINC Riverhead NY USA. (26Oct04) (RGA)
- 11315 B-HQC: CPA A340 2037 Prob Flt CPA831 2043 HFDL Posn report 4317N 07349W to ARINC Riverhead NY USA. ICAO ID given as E5801E which seems unlikely. (01Nov04) (RGA)
- 11315 HP-1372: Compania Panamena de Aviacion SA (COPA) B737-7V3 Flt CM0302 2210 HFDL Reports 0115N 07950W. Acks msg from ground 'To Gte 15. Ground pwr is avbl // Happy landing. Ack rcv with HCC pty'. (26Oct04) (RGA)
- 11315 N19130: Continental B757 Flt CO0493 2046 HFDL At 4002N 07511W. (01Nov04) (RGA)
- 11315 N516AT: American Transair B757 2024 HFDL Signs on to ARINC Riverhead NY USA. (06Nov04) (RGA)
- 11315 N668US: Northwest B747 2101 HFDL Acks msg from ARINC Riverhead NY. "CHECK ACARS FREQ MAP. LAST DOWNLINK WAS SENT VIA HFDL IN AREA WHERE WORLDFLIGHT SHOWS A VHF STATION WITHIN RANGE (YBK). IGNORE THIS ALERT IF YOU CONFIRM CORRECT FREQ HAS BEEN SELECTED. (05Nov04) (GB)
- 11315 N675NW: Northwest B747 Flt NW0342 2154 HFDL Reports 4420N 10505W to ARINC Riverhead NY USA. (26Oct04) (RGA)
- 11315 N68061: Continental B767 Flt CO1946 2110 HFDL At 3257N 06917W. ICAO ID DE6095. (01Nov04) (RGA)
- 11315 VP-BAY: Aeroflot B767 2200 HFDL Signs on to Riverhead. (26Oct04) (RGA)
- 11315.0 Unid: 2242 USB w/unidentified station in ANDVT encrypted voice exchanges. 25/10 RP3
- 11330.0 New York Radio: 2235 USB EE Air traffic and selcal (19/10/04) (AJP)
- 11354.0 ARINC-09: Barrow, Alaska 0124 HFDL Squitters and some a/c (20/10/04) (AJP)
- 11358.0 O/M (SS): 1939 USB w/unheard station. 12/10 RP3
- 11366.0 Unid: O/M (Portuguese): 2130 USB w/aircraft (O/M Portuguese) in discussion concerning passengers. Varig LDOC. 05/11 RP3
- 11387.0 sydney vm: 1233 USB Oct09 04 ML
- 11390.0 Unid: O/M (European-accented EE): 0125 USB w/United 675 and United 335 (both unheard) w/positions and selcal checks. 05/11 RP3
- 11402.0 0004WICAP: (Civil Air Patrol, Wisconsin): 1431 USB/ALE sounding. Also sounding on 09047.0. 24/10 RP3
- 11405.0 Unid: 1146 FSK 40.5/250 possible Cis 81-81 (21/10/04) (AJP)
- 11421.7 FJY5: DTRE Alfred Faure CRO 18:24 idling poor sync 1oct04 (PPA)
- 11425.0 O/M (Arabic/FF): 2240 USB w/O/M (Arabic/FF). They end w/ALE burst--too quick to decode. 04/11 RP3

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11474.5 : UNID NATO net, 1545 USB/STANAG 4197 digi/crypto voice tfc. (30Oct04) (LDO)

11474.5 no-call: UNID NATO net, 1545 USB/STANAG 4197 digi/crypto voice tfc. (30Oct04) (LDO)

11475 : UNID NATO net, 1258 USB/STANAG 4197 digi/crypto voice tfc., QRM fm Algerian diplo (01Nov04) (LDO)

11475.0 no-call: UNID NATO net, 1258 USB/STANAG 4197 digi/crypto voice tfc., QRM fm Algerian diplo (01Nov04) (LDO)

11491.0 OM1: (FBI, Omaha NE): 2025 USB/ALE TO KC1 (FBI, Kansas City KS). 28/10 RP3

11494 PR1: Punta Salinas 0025 ALE/USB TO: D44 (BICE P-3 AEW&C) followed by Parkhill then went to clear due to interference on the frequency followed by I will call them (Ping Pong) (Customs Surveillance Support Center) on the Satellite phone. (23Oct04) (CC)

11494.0 Camslant: 1551 in ALE and voice w/F33 (HU-25 05/11 RP3)

11494.0 D45: (ICE P-3 AEW&C #N145CS/BuNo 155299, Jacksonville AMB, FL): 1834 USB in ALE and short encrypted voice (Parkhill) w/unidentified station. 22/10 RP3

11494.0 LNT: 1507 USB/ALE w/J13 (HH-60 # 6013 CGAS Clearwater) then in voice 6013 w/position report (missed). 04/11 RP3

11494.0 Panther: (DEA OPBAT, Nassau Bahamas): 2018 USB w/unheard aircraft who passes encoded position report then reports operations normal. 15/10 RP3

11494.0 Service Center: 2353 USB in ALE & voice w/F04. On this freq both stations are barely audible at my QTH. 19/10 RP3

11494.0 Unid: 2200 USB w/encrypted voice. Then unidentified station tries to contact Omaha 201 (probably N37201, BICE CESSNA 550). 03/11 RP3

11495 0000001220: Turkish Net 1828 ALE/USB Sounding. (29Oct04) (RGA)

11550.0 CID: (Rockwell-Collins, Iowa): 2037 USB/ALE sounding. 27/10 RP3

11550.0 DLL: (unidentified, probable Rockwell-Collins): 2036 USB/ALE sounding. 27/10 RP3

11550.0 ENG: (unidentified, probable Rockwell-Collins): 2036 USB/ALE sounding. 27/10 RP3

11630.0 KRUQNG (North Carolina ARNG, Rowan County Airport, Salisbury, NC): 1746 USB/ALE sounding. 08/10 RP3

12067 1D: Unid US Army 1545 ALE/USB TO: APACHE (US Army). 06Nov04) (CC)

12067 1D: Unid US Army 1728 ALE/USB TO: 3C@ (US Army). (06Nov04) (CC)

12067 3A: Unid US Army 1645 ALE/USB TO: 3C@ (US Army). (06Nov04) (CC)

12067 3E: Unid US Army 1600 ALE/USB TO: 3A@ (US Army). (06Nov04) (CC)

12067 TEAMG: Unid US Army 2122 ALE/USB TO: TEAMB@ (US Army). (06Nov04) (CC)

12067.0 Wolfman: US Military stations WOLFMAN, ADVANCE 40 & ADVANCE 42 active in net 1514 USB voice (06/NOV/04) (JLM)

12068.5 CLH: (US JSOC, Fort Bragg, NC): 1254 USB/ALE TO CLS (US Army SOC, Fort=Campbell, KY). Also noted on 08056.0. 29/10 RP3=20

12076 950DVA: Prob Dept of Veterans' Affairs 1913 ALE/USB TO: 204DVA (probably Dept. of Veterans Affairs). (20Oct04) (CC)

12076 950DVA: Probably Dept. of Veterans' Affairs 1830 ALE/USB Sounding. (20Oct04) (CC)

12087.0 05L28: 05L55 & HQ701N, NG stations: 1353 USB ALE & AMD. 05L55 sent "TEST FROM CST" via AMD on 8047.0 at 1346 UTC (29/SEP/04) (JLM)

12156.1 unid: station 14:32 strange multitone transmission ,wobbling up and down in frequency parallel to 12157.0 3oct04 (PPA)

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- 12191.0 CLC51: (Local Communications Center, 51st Jungle Inf Bde, Venezuelan Army): 2238 USB/ALE TO PCRC5 Communications Command Post, 5th Military Region). 03/11 RP3
- 12196.0 no-call: Rus. intel, RUS 1015 BAUDOT 200.33Bd/500Hz, auto broadcasting multi figure group message to recipient "118" (16Oct04) (LDO)
- 12210 X30: Unid 1802 ALE/USB Sounding. Uses 5200 and 17312 kHz as well. (29Oct04) (RGA)
- 12212 PWZ33: BN Rio 2015 FEC Wx/SS. (28/Oct/04) (RH2)
- 12223 ABRIKOS-65: Unid RTTY/50/230 Headers like 'Kryptogramma Abrikos-65 Barhana 267 184 26 19:20 bbbbbb hhhhh kkkkk and into cipher with z-type leadin/out. (26Oct04) (RGA)
- 12223.0 ---: UKRAINIAN MIL ?LOC 1054 RTTY 50/R/200 Idling then opchat in 3sc then into Kriptograma ZLIT". Send twice, then offair (29/Oct)(DW)
- 12225 NYALA4: UN JLC Nyala SDN 1748 ALE/USB Sounding. (31Oct04) (RGA)
- 12235.0 P50: Indonesian navy Belawan INS 17:40 A1A vvv vvv vvv de P50 P50 P50 1/2/3/4 (PPA)
- 12256 : Brazillian Navy 0329 FEC 68-hexadecimal group crypto. (15Nov04) (IB)
- 12256.2 PWR-44: BN Rio Grande do Sul 2254 Sitor. Long list of letters and numbers. Ending "int int de WR WR WR" (01/11/04) (AJP)
- 12260.0 unid: ship 1329 LSB span d/x Oct03 04 ML
- 12365.0 VMC: Charleville meteo AUS 12:45 J3E/U English wind warning for Queensland and western gulf ,at 12:54 identification 2oct04 (PPA)
- 12375.0 F7B: USB 19:10 01.11.04. 4 tones F7B BRITISH MIL ??? 195,3 hz shift between tones and tone speed about 200 tones per second (195,3 ??)(ML)
- 12384.5 Unid: Japanese fisheries 2233 8 tones AFSK (31/10/04) (AJP)
- 12412.5 NOJ: USCG KODIAK 2208 FAX 120/576/N/800 sfc analysis. 2217 24hr wind/wave fcst. 2227 24hr sfc fcst. 2237 36hr sfc fcst (23/Oct)(DW)
- 12414 : Russian Military 1646 MS-5/4800/DPSK/USB In cipher. (26Oct04) (RGA)
- 12469.5 Birrete: AN 2000 Packet 1200 w/ "Detenido" Sending "Radioaviso parael tr=C3=Alfico costero N=C2=BA 0360" in Packet 1200bd (offset+1700Hz)(07/11/04) (AJP)
- 12577 3EFH7: Panamanian-flagged Vessel Pioneer Leader 1336 GMDSS RQs Madridradio/ECA6 for safety test. (03Nov04) (RGA)
- 12577 3FTP4: Panamanian-flagged Vessel Sprint 1404 GMDSS RQs CROSS La Garde France for safety test. La Garde BQs. (29Oct04) (RGA)
- 12577 3FTP4: Panamanian-flagged Vessel Sprint 1418 GMDSS RQs CapeRadio/ZSC for safety test. (29Oct04) (RGA)
- 12577 3FY08: Panama-flagged vessel Asian Harmony 1441 GMDSS RQs Hongkong Marine Rescue PRC for safety check. (29Oct04) (RGA)
- 12577 9HEQ7: Maltese-flagged vessel Appollonia 1454 GMDSS RQs LyngbyRadio/OXZ for saftey check. (29Oct04) (RGA)
- 12577 9HRM7: Maltese-flagged vessel Balva 1346 GMDSS RQs LyngbyRadio/OXZ for safety test. Lyngby BQs. (29Oct04) (RGA)
- 12577 9KKU: Kuwaiti Vessel warbah 1639 GMDSS RQs LyngbyRadio/OXZ for safety test. (04Nov04) (RGA)
- 12577 9KLW: Kuwaiti Ship Deerah 1345 GMDSS RQs sister ship Al Sabiyah/9KLS for simplex telephone call on 12330 kHz. (29Oct04) (RGA)
- 12577 9VAO: Singapore Ship Asian Progress II 1510 GMDSS RQs KuwaitRadio/9KK for safety check. (29Oct04) (RGA)
- 12577 C6LC6: Bahamas-flagged vessel Leyte Spirit 1352 GMDSS RQs Charleville/wiluna AUS for safety test. (29Oct04) (RGA)
- 12577 C6LU3: Bahamas-flagged vessel Albemarle Island 1424

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- GMDSS RQs Gibraltar-flagged Vessel Wilma/ZDEM9 for simplex telephone conversation on 12345 kHz. (29Oct04) (RGA)
- 12577 HOJE: Panamanian-flagged Vessel Olar 1252 GMDSS RQs LyngbyRadio for safety test. Lyngby BQs. (03Nov04) (RGA)
- 12577 IBWV: Italian Ship Sardinia Vera 1411 GMDSS RQs LyngbyRadio/OXZ for safety test. (29Oct04) (RGA)
- 12577 MCSV5: British Ship Svitzer Bootle 1307 GMDSS RQs LyngbyRadio for safety test. (03Nov04) (RGA)
- 12577 P3YY3: Cypriot Ship Nena-F 1419 GMDSS RQs Madrid/ECA6 for safety test. (03Nov04) (RGA)
- 12577 S6FO5: Singapore Ship Southern Harvest 1442 GMDSS RQs LyngbyRadio for safety test. Lyngby BQs. (03Nov04) (RGA)
- 12577 SSHX: Egyptian Ship wadi Sudr 1459 GMDSS RQs Charville/wiluna AUS for safety check. (29Oct04) (RGA)
- 12577 TCWB: Turkish Ship Burcu-B1 1443 GMDSS RQs IstanbulRadio/TAH for safety check. (29Oct04) (RGA)
- 12577 UDDB: Russian Ship Riroil-1 1244 GMDSS RQs LyngbyRadio/OXZ for safety test. (Skysweeper tests). (03Nov04) (RGA)
- 12577 UDQM: Kapitan Baboushkin 1344 GMDSS RQs OlympiaRadio/SVO for safety check. (29Oct04) (RGA)
- 12577 VRZW3: PRC Ship Rui Yun Hi 1422 GMDSS RQs MRCC Australia/Charville Wiluna for safety check. (03Nov04) (RGA)
- 12577.0 375943000: unid ship reg. Saint Vincent & the Grenadines 0546 GMDSS/HF calling Istanbul TUR for safety purpose (17-oct-2004)(MSM)
- 12577.0 41903800: unid Indian ship 0652 GMDSS/HF calling Alexandria radio for safety purpose (17-oct-2004)(MSM)
- 12577.0 450489000: unid Lebanese ship 0625 GMDSS/HF calling ship H03806 "SPSL 300" RQ routine J3E on 16595kHz (17-oct-2004)(MSM)
- 12577.0 477400400: unid Chinese ship 0518 GMDSS/HF calling 237673000 Piraeus, Greece (*temporary ship station allocation) for safety purpose (17-oct-2004)(MSM)
- 12577.0 538001219: unid ship reg. in Marshall Islands 0544 GMDSS/HF calling unid USCG 003660120 for safety purpose (17-oct-2004)(MSM)
- 12577.0 Lyngby: 1040 DSC to SYBX Nissos Christiana tanker & a lot of other ships...Nov01 04 ML
- 12577.0 UDHI: CIS Ship "SAID AFANDI" 0604 GMDSS/HF calling Lyngby for safety purpose (17-oct-2004)(MSM)
- 12577.0 UIOU: CIS Ship "Tobago" 0553 GMDSS/HF calling ship UIEU "MAOUNT KENT" (Mount Kent i guess) with routine J3E RQ on 4,147MHz (17-oct-2004)(MSM)
- 12577.0 URBB: Ukrainian ship "VELES" 0606 GMDSS/HF calling Lyngby for safety purpose (17-oct-2004)(MSM)
- 12577.0 URBB: Ukrainian ship "VELES" 0612 GMDSS/HF calling Almeria radio SPA for safety purpose (17-oct-2004)(MSM)
- 12577.0 UUZB: Ukrainian ship "VOSTOCHNYI" 0531 GMDSS/HF calling Lyngby for safety purpose (17-oct-2004)(MSM)
- 12577.0 ww: safety channel 1130 unid mode not DSC ?? Oct30 04 ML
- 12579 NMF: USCG Boston MA 1643 FEC Maritime synopsis and forecasts. (26Oct04) (RGA)
- 12581 VWB: Mumbai Radio at ARQ 0123 w/marker. Good signal. //16808 but listed as 16808.5. Chennai not heard on 16808. 1st time hrd. (23Oct04) (RB4)
- 12581.5 XSV: TianjinRadio PRC 1639 ARQ w/Morse ID. (26Oct04) (RGA)
- 12586.0 UDK: Murmansk 1336 CW & ARQ Oct03 04 ML
- 12590.5 RRR34: Moscow 1133 FEC traf list Oct30 04 ML
- 12593.7 A9M: Hamala R 1750 ARQ CW Marker. (18/Nov/04) (RH2)
- 12594.5 A9M: Hamala 1338 CW & ARQ Oct03 04 ML
- 12599.5 UAT: Moscow R 0133 ARQ w/marker. Faint signal . (23Oct04) (RB4)
- 12606 UIW: Kaliningrad R 1729 ARQ w/marker. Lots of traffic but I only had the radio hooked up to a boat battery-no decoder on my trip. (23Oct04) (RB4)

12606.0 UIW: kaliningrad 0807 ARQ work 53199 UAUK nivenskoe
Sep25 09 ML

12606.0 UIW: kaliningrad 0820 ARQ work UAUC - MARSHAL
VASILEVSKY- / UBDP - KORALLOVY- / UOCT / EURP / UJZX /
Oct24 04 ML

12613 XSQ: Guangzhou R 1945 ARQ w/marker. Some flutter but
remarkably stable signal until at least 2330.
(22Oct04) (RB4)

12613.0 xsq: Guangzhou Radio 1357 sitor-a tfc to 4770?
subscr. 342232 16Okt04 (wp3)

12637.5 XSG: Shanghai Radio 0023 ARQ w/mkr. Moderate.
(24Oct04) (RB4)

12664.5 RFHJE: FN Tahiti 0312 RTTY 75/850 Testing (05/11/04) (AJP)

12666.5 RFFMEA: Navire Terre France Sud Saissac 1700
RTTY/75/850 RYSG test to warships.
[http://www-iono.enst-bretagne.fr/logiciels/mobile-
fixe/aide_mobile-fixe/mbf_1_2.html] (13Nov04) (RGA)

12667 RFFMEA: FN La Regine 1912 RTTY/75/850 Batiment test
tape. (15/Nov/04) (RH2)

12679.5 unid: 1311 USB ee out of comm Oct24 04 ML

12710.7 PWZ: BN Rio 1900 RTTY/75/850 Avisos Metarea V.
(15/Nov/04) (RH2)

12745.5 JJC: kyodo 1509 FAX 60/526 news Oct23 04 ML

12808.5 VTG: Indian Navy Mumbai 1722 CW w/QRA. Exc signal.
1st time hrd.(23Oct04) (RB4)

12843.0 HLO: 0715 Seoul Radio, Free Korea =AB cq de hlo
=BB CW 03/11 (PP1)

12877.5 UIW: KaliningradRadio 1629 RTTY/50/170 w/NAWIPS
broadcast (MIBs and weather). (26Oct04) (RGA)

12932 Unid: SS Navrad 1100 RTTY/100/850 Crypto, strong
sigs. (29/Oct/04) (RH2)

12932.5 : Unid Spanish Navy? 1624 RTTY/100/850 Telecipher.
// 2785.6 4279 6458 8465. (26Oct04) (RGA)

13016.0 IAR: 0720 Roma Radio "vvv de iar iar iar k 4 8
12 16 22 mhz=3Dwe lsn 22 and reply on 17206.1khz" CW
03/11 (PP1)

13032 : Russian Military 1638 36-50/50/200 At least 2
messages. (21Oct04) (RGA)

13033.5 VCS: Globewireless Halifax NS CAN 1542 GLOBEDATA
Idling. Fair sigs. (03Nov04) (RGA)

13042.2 FUV: FN jibouti 1105 RTTY/150/850 Marker - Le Brick
etc. (29/Oct/04) (RH2)

13068.0 Russian Navy: 2133 T600/36-50 Long time idle
(24/10/04) (AJP)

13089 NMN: CAMSLANT Chesapeake VA USA 1647 USB OM synth
with 1600z broadcast. NMC/CAMSPAC Point Reyes also on
frequency. // 8764. (21Oct04) (RGA)

13153.5 3AC: MONACO RADIO 1548 PACTOR-II//100/-/200 Tfc list
(14/Nov)(DW)

13165.5 HEB02: BERN RADIO 1650 CW Chan free marker. CW ID
"cq de HEB02" every 3 mins. Data bursts 200Hz. Test
pre1/Jan/05 svc opening (14/Nov)(DW)

13167.0 HEB02: BERN RADIO 1539 CW Spur of 16165.5 Chan free
marker. CW ID "cq de HEB02" every 3 mins. Data bursts 400Hz.
Testing pre 1/Jan/05 svc opening. (14/Nov)(DW)

13197 UUI: OdessaRadio UKR 1655 USB Phone call in Russian
in progress OM/YL. (21Oct04) (RGA)

13200.0 Goliath: was active at 1821z with GOLIATH =3DB=3D
(AWACS a/c E-3), radio check with PUERTO RICO.
(27/10/04) (MR)

13206.3 1112: UNID 1515 MIL.STD 188-141A ALE on usb. [TWS], sounding
or TO (not known) - very weak. (03/Nov)(DW)

13212.0 O/M (EE): 2011 USB w/several short test counts.
07/10 RP3

13215 140061: USAF C-5 84-0061 1740 ALE/USB calls
ADW/Andrews AFB MD then AED/Elmendorf AFB AK.
(29Oct04) (RGA)

13215 538031: USAF KC-135 63-8031 0033 ALE/USB sounding.

(02nov04) (BC2)
13215 538031: USAF KC-135D Aircraft 63-8031 0033 ALE/USB Sounding. (02nov04) (BC2)
13215 CRO: GHFS Stn RAF Croughton 1503 ALE/USB Calls ICZ/GHFS Stn Sigonella. PLA/Lajes sounds. (21Oct04) (RGA)
13215 EXI: unID 0032 ALE/USB Encrypted AL2. (02nov04) (BC2)
13215 HIK: US Air Force Hickam AFB HI 0030 ALE/USB Sounding. (02nov04) (BC2)
13215 HIK: US Air Force Hickam AFB, HI 0030 ALE/USB Sounding. (02nov04) (BC2)
13215.0 470123: (KC-10 # 87-0123): 1912 USB/ALE TO OFF (Offutt AFB). 30/10 RP3
13215.0 523559: (KC-135 # 52-3559): 1524 USB/ALE sounding. 30/10 RP3
13215.0 538060: (KC-135 # 53-8060): 1652 USB/ALE TO PLA (Lajes). Also noted on 18003.0. 30/10 RP30
13215.0 580043: (KC-135 # 58-0043): 1914 USB/ALE sounding. 30/10 RP3
13257.0 Trenton Military: 2005 USB w/Canforce 86 w/wx for Iquluit; Kuujuuaq; La Grande Riviere; Val D'Or; Cartier International; and Trenton. 07/10 RP3
13260.0 O/M (SS): 2001 USB w/Y/L (SS). 07/10 RP3
13270 GANDER RADIO: VOLMET Service 1658 USB OM with Canadian/Greenland airfield fcsts. Followed by NEW YORK RADIO with TAFORS at 1700z. (21Oct04) (RGA)
13270 N76062: Continental B767-424ER 1735 HFDL Signs on. ICAO ID 7C41A5. (22Oct04) (RGA)
13270 ZS-SJK: S.African Airways B737 1715 HFDL Signs on to ARINC Hat Yai. (22Oct04) (RGA)
13270.0 ARINC-06: Hat Yai, Thailand 1844 HFDL Squitters (23/10/04) (AJP)
13303 770: Unid Flt 1417 HFDL Moving NE from 3551N 00615W. (18Oct04) (RGA)
13303 CES231: China Eastern Flt 1548 HFDL At 6019N 03920E. ICAO ID E6059E/unid. (26Oct04) (RGA)
13303 CN-RNX: Royal Air Maroc A321 Flt AT0761 1635 HFDL At 3321N 00735W. (26Oct04) (RGA)
13303 HB-JMI: Swiss Intl Airlines A330 Flt LX0041 1301 HFDL At 5943N 00635W. ICAO ID 2098D2. (06Nov04) (RGA)
13303 I-LIVA: Livingstone A321 Flt LVG932 1609 HFDL At 4512N 01038E. Dest LIPX/Verona ETA 1614. Flt no also given as L49321 - they always get it wrong. (26Oct04) (RGA)
13303 OH-LBT: Finnair B757 Flt AY2512 1452 Reports 4424N 00903E to ARINC Las Palmas. (31Oct04) (RGA)
13303 OH-LBV: Finnair B757 Flt AY2361 1415 HFDL Posn 4148N 00929W. (18Oct04) (RGA)
13303 SU-GCF: EgyptAir A300 Flt MSR799 1304 HFDL Signs on to ARINC Las Palmas. (06Nov04) (RGA)
13303 UP6727: UPS Flt 1507 HFDL Reports 46N 05001W to ARINC Las Palmas and moving north east. (26Oct04) (RGA)
13303.0 17: ARINC CANARIES 1337 HFDL on usb. Squitters. Reporting as active freq 3. wkng FX0008 770 VS0900 777 AP1234 AJ1235 thru 1403z (22/Oct)(DW)
13304.0 EL-AL ldoc Tel-aviv: ISR 13:15 J3E/U Hebrew traffic with an EL-AL flight to Rome 2oct04 (PPA)
13306 NEW YORK RADIO: NAT-A MWARA 1825 usb wkg Reach 1002 with position report contact Gander at next position report on 5616, 8864 secondary. (24Oct04) (CC)
13306 NEW YORK RADIO: NAT-A/C 1613 USB wkg Britannia 422A. Posn report. Sends him to alternative freq 11330. (26Oct04) (RGA)
13321 ARINC-14: Krasnoyarsk 1204 HFDL Fair squitters. No traffic. (29Oct04) (RGA)
13330.0 Houston Radio: 1935 USB w/UA 883 w/good selcal check. 04/11 RP3
13333.0 British Airways London: 1247 USB w/Speedbird 207 who reports departure from London at 1018Z and ETA Miami of

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- 1851Z. British Airways LDOC. 11/10 RP3
- 13351 ARINC-05: Auckland NZL 1432 HF DL Fair squitters. No traffic. (31Oct04) (RGA)
- 13354.0 New York (MWARA NAT-E): 1415 USB w/Air France 488 w/position report. 09/10 RP3
- 13364.0 Unid: presumed Russian PTT 13:27 ISB (CF=2080) / OQPSK / 1280 bps/ 1K4 / ACF=32 3oct04 (PPA)
- 13369 : Rus. intel, RUS 0930 AM/MFSK-20/20Bd, auto broadcasting 5 figure group message to recipient "513" (01Nov04) (LDO)
- 13369.0 no-call: Rus. intel, RUS 0930 AM/MFSK-20/20Bd, auto broadcasting 5 figure group message to recipient "513" (01Nov04) (LDO)
- 13375 LINCOLNSHIRE POACHER: Enigma E03 1620 USB OH with 5FGs. (26Oct04) (RGA)
- 13375 LINCONSHIRE POACHER: Enigma E03 1621 USB OH with 5FGs. (13Nov04) (RGA)
- 13385 : MFA Cairo, EGY 1420 USB/16 tone Codan modem with 16x75Bd QPSK, QSX 16297kHz USB (01Nov04) (LDO)
- 13385.0 no-call: MFA Cairo, EGY 1420 USB/16 tone Codan modem with 16x75Bd QPSK, QSX 16297kHz USB (01Nov04) (LDO)
- 13442 055: Unid '055' Net 1507 ALE/USB sounding. Sounds 14913 at 1522z. (21Oct04) (RGA)
- 13452.0 uni: Swiss diplo 14:06 ALE/USB link protected call 3oct04 (PPA)
- 13457.0 FAAZLA: (Los Angeles ARTCC): 1504 USB/ALE sounding. 18/10 RP3
- 13462 : Rus. intel, RUS 0920 AM/MFSK-20/20Bd, auto broadcasting 5 figure group message to recipient "736" (01Nov04) (LDO)
- 13462.0 no-call: Rus. intel, RUS 0920 AM/MFSK-20/20Bd, auto broadcasting 5 figure group message to recipient "736" (01Nov04) (LDO)
- 13500 61B: LST Capana T61 Venezuelan Navy/River Forces 1739 ALE/USB calls CGA/Army Headquarters. (29Oct04) (RGA)
- 13500.0 61B: (Venezuelan Navy, LST "Capana" T-61): 2246 USB/ALE TO GC 12 (Venezuelan Coast Guard patrol craft "Almirante Moran" GC-12). 03/11 RP3
- 13500.0 61B: (Venezuelan Navy, LST "Capana" T-61): 2322 USB/ALE TO BNA (Naval Base "Amario"). 03/11 RP3
- 13500.0 BNA: (Naval Base "Amario"): 12:49 USB/ALE TO PR1 (River Patrol Craft "Lago1" PBR-1). 19/10 RP3
- 13500.0 BNA: (Venezuelan Navy Base "Amario"): 2236 USB/ALE TO CGA (Venezuelan Navy HQs). 07/10 RP3
- 13500.0 BNG: (Naval Base "Guterrez"): 12:47 USB/ALE TO CGA (Navy HQs). 19/10 RP3
- 13500.0 CGA: (Navy HQs): 12:14 USB/ALE TO G12 (Coast Guard Frigate "General Jose Trinidad Moran" GC-12). 19/10 RP3
- 13503 CFH: CF Halifax/2040 RTTY/75/850 Aero wx. (06/Nov/04) (RH2)
- 13510 CFH: CanForce Halifax NS CAN 1932 RTTY/76/850 TAFNB CWHF 211915. (21Oct04) (RGA)
- 13527.5 D: MX Beacon Odessa 1618 CW (26Oct04) (RGA)
- 13527.5 D: MX Beacon Odessa 1935 CW (21Oct04) (RGA)
- 13527.7 D: (Odessa): 1910 CW beacon. Also on 08494.7. 29/10 RP3
- 13528 C: MX Beacon Moscow 1454 CW //8495 10872. (12Nov04) (WC)
- 13528 D: MX Beaacon Odessa 0623 CW //7039 8495 10872
13528. (31Oct04) (WC)
- 13528.0 S: Russian navy Archangelsk RUS 14:11 A1A beacon 3oct04 (PPA)
- 13538 ZSJ: SAN/Afmet Silvermine 1050 FAX/120/576 ASXX FAPR S'face Anal //77508 (06/Nov/04) (RH2)
- 13564.9 : Unid OMFSK/195.5/600 (18Oct04) (RGA)
- 13597 JMJ4: Tokio Met 0510 FAX/120/576 Sfc anal - clear. (26/Oct/04) (RH2)
- 13805 BAGDAD: US Army Deployed, Bagdad, IRQ 1333 ALE/USB snd tws (05/Nov/04) (ZE)
- 13805 P2Z1ID: US Army ? Deployed, IRQ 1339 ALE/USB snd tws

- (05/Nov/04) (ZE)
13805 T498AA: US Army 498 Med Co Deployed, IRQ 1323
ALE/USB snd tws (05/Nov/04) (ZE)
13805 T82AA: US Army 82 Avn Div Deployed, IRQ 1336 ALE/USB
snd tws (05/Nov/04) (ZE)
13882.5 DDK6: hamburg met 1144 FAX detailed press chart
Oct30 04 ML
13886 : Moscow Meteo 1611 FAX/120/288 Good pressure chart.
(13Nov04) (RGA)
13886.2 : Moscow Met 0515 FAX/120/576 Clear chart.
(26/Oct/04) (RH2)
13886.7 Unid: 2105 ARQ-E3 192/400 Can't ID. Possible FF
Libreville (24/10/04) (AJP)
13897.0 NATO Link-11: 14 QPSK 2220 (20/10/04) (AJP)
13900.0 BMF: taipei meteo 1342 FAX poor qual chart Oct24 04 ML
13900.5 BMF: Taipei Met 1034 FAX/120/576 Clean chart.
(24/Oct/04) (RH2)
13906.0 D42: US Customs USA 0248 ALE/USB Sounding. Also TSC
(05/11/04) (AJP)
13907.0 718: (USCG HC-130H #1718, CGAS Sacramento): 1847
USB/ALE sounding. Also sounding on 18594.0. 718 also in ALE
w/PAC (CamsPac Point Reyes) on 15867.0; 18594.0; 20890.0 &
23214.0. 22/10 RP3
13907.0 CamsPac Point Reyes: (very weak): 2230 USB in ALE &
voice w/J05 (HH-60J #6005, CGAS Astoria-not heard).
19/10 RP3
13907.0 CamsPac Point Reyes: (very weak): 2234 USB in ALE &
voice w/J08 (HH-60J #6008, CGAS Astoria-not heard).
19/10 RP3
13907.0 Panther: (DEA OPBAT, Nassau Bahamas): 2045 USB in
ALE and clear voice :w/52A (US Army UH-60L tail # 94-26552
2-3rd AVN -not heard) who relays position as 109nms on
bearing of 328 degrees from checkpoint Hotel 1 & operations
normal. 18/10 RP3
13907.0 Panther: (DEA OPBAT, Nassau): 2140 w/unidentified
aircraft in radio checks. 12/10 RP3
13907.0 Service center (US Customs): 2128 USB calling
Julliet 34 & 6034 (HH-60 # 6034, CGAS Cape Cod) in ALE and
clear voice w/no response. 12/10 RP3
13914.0 Unid: 2115 SITOR/ARQ. Possible Egyptian diplomatic.
23/10 RP3
13927 RAZOR 33: USAF MARS (?) 1901 USB Phone patch to
ROBBINS AFB for weather. (20Oct04) (CC)
13930.0 8001: unid 1530 USB ALE/MIL-188-141A snd (30/OCT/04) (KK)
13957 JMH: Tokio Met 1919 FAX/120/576 Clear Satpix.
(15/Nov/04) (RH2)
13966.4 unid: 1155 P-I/100Bd <Calling RC1CAI> prb. ICRC
Cairo (03/OCT/04) (KK)
13972.0 SA1: (unidentified, Brazilian Air Force): 2127
USB/ALE sounding. 01/11 RP3
13978.0 SFAMN: (Brazilian AF Search & Rescue Manaus):
21:07USB/ALE sounding. 18/10 RP3
13983 VCT: Globewireless Tor's Cove NF CAN 1606 GLOBEDATA Idling.
Also on 13914 kHz. (13Nov04) (RGA)
13985.0 unid: 1206 CIS 81-81 40.5bd (27/10/04) (AJP)
13998.0 PWCB: unid 1829 P-I/Ham 100Bd cnt KZN508 "welcome to
Sailmail R3 Rock Hill #3 PWCB de KZN508 QTC (02/OCT/04) (KK)
14000.0 MOCHUELO: Colombian Mil phone 1729 LSB ALE/MIL-188-141A clg
1901 [AMD]DIAL0982891271 (01/OCT/04) (KK)
14000.0 MOCHUELO: Colombian Mil phone 1751 LSB ALE/MIL-188-141A clg
1901 [AMD]DHC... (01/OCT/04) (KK)
14000.0 MOCHUELO: Colombian Mil phone 1828 LSB
ALE/MIL-188-141A clg 1901 [AMD]DIAL09874300 (01/OCT/04) (KK)
14000.0 MOCHUELO: Colombian Mil phone 1925 LSB ALE/MIL-188-141A clg
1901 [AMD]DIAL0982640195 (01/OCT/04) (KK)
14000.0 MOCHUELO: Colombian Mil phone 1927 LSB
ALE/MIL-188-141A clg 1901 [AMD]... (01/OCT/04) (KK)
14000.0 MOCHUELO: Colombian Mil phone 2011 LSB

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- ALE/MIL-188-141A c1g 1901 [AMD]DIAL09452772...
(01/OCT/04) (KK)
- 14000.0 MOCHUELO: Colombian Mil phone 2023 LSB ALE/MIL-188-141A c1g
1901 [AMD]DIAL0963377879 (01/OCT/04) (KK)
- 14000.0 MOCHUELO: Colombian Mil phone 2149 LSB ALE/MIL-188-141A c1g
1901 [AMD]DIAL0963375297 (01/OCT/04) (KK)
- 14000.0 MOCHUELO: Colombian Mil phone 2158 LSB ALE/MIL-188-141A c1g
1901 [AMD]DIAL0963342924 (01/OCT/04) (KK)
- 14000.0 MOCHUELO: Colombian Mil phone 2201 LSB ALE/MIL-188-141A c1g
1901 [AMD]DIAL0963342924 (01/OCT/04) (KK)
- 14000.0 MOCHUELO: Colombian Mil phone 2216 LSB ALE/MIL-188-141A c1g
1901 [AMD]DIAL0982666330 (01/OCT/04) (KK)
- 14006 TF185: Prob 185 Avn Co US Army/NGB Deployed 1653
ALE/USB Sounding. At 1654z T1Z106/1 Bat 106 Avn Regt Camp
Cooke Al Taji Airbase sounded. (29Oct04) (RGA)
- 14357.0 68: (unidentified): 1502 USB/ALE TO
DK11(unidentified). 24/10 RP3
- 14364.0 NATO Link-11: 14 QPSK LSB ? 0057 (22/10/04) (AJP)
- 14376.2 : NATO System 1604 STANAG-4285/2400/USB 600bps/long
interleave. Usual continuous enciphered data. Good synch.
(13Nov04) (RGA)
- 14400.0 OLZ55: (unidentified Czech Embassy): 1457 sounding.
18/10 RP3
- 14420 GADARAF: UNJLC Gadaraf SDN 1712 ALE/USB Sounding.
(26Oct04) (RGA)
- 14432 DOR: MFA Sofia, BUL 1222 USB/ITA-5 75Bd 11-
bit/modif. MIL-STD 188-110A 39-tone PSK/8FSK-240Bd ARQ-
system, tfc. to Beirut, QSX 16008 kHz USB (01Nov04) (LDO)
- 14432.0 DOR: MFA Sofia, BUL 1222 USB/ITA-5 75Bd 11-bit/
modif. MIL-STD 188-110A 39-tone PSK/8FSK-240Bd ARQ-system,
tfc. to Beirut, QSX 16008 kHz USB (01Nov04) (LDO)
- 14467.3 DDH8: Hamburg Meteo 1938 RTTY 50/450 WX info
Mediterranean cities=(07/11/04) (AJP)
- 14493.5 SE1: KOH22/US FBI Seattle WA 1703 ALE/USB wkg
AN1/KWX20 Anchorage AK. (26Oct04) (RGA)
- 14493.5 SE1: KOH22/US FBI Seattle WA 1703 ALE/USB wkg
AN1/KWX20/Anchorage AK. (29Oct04) (RGA)
- 14547 : Russian Military 1519 MS-5/4800/DPSK/USB In
cipher. (21Oct04) (RGA)
- 14559 118: Poss Saudi MOI 1633 ALE/USB Calls 119.
(29Oct04) (RGA)
- 14585.7 Unid: 1934 ARQ-E3 200/400 Por sync. Possible FF
Paris (07/11/04) (AJP)
- 14641.9 006666: UNID station, TUR? 0950 USB/MIL-STD
188-141A/CODAN 80Bd BPSK CHIRP, traffic to 000002, QSX
channel not found (06Nov04) (LDO)
- 14653.0 M0700N: (Nat'l Guard, Missouri): 1429 USB/ALE TO
HQ703N (probably NG Readiness Center, Arlington VA).
27/10 RP3
- 14664 : CIS Navrad 2055 36-50/50/230 also on 11468 17460
10535.5 (07/Nov/04) (RH2)
- 14664 : Russian Military 1755 36-50/50/200 At least 2
messages. (03Nov04) (RGA)
- 14671 CHU: Time Stn Ottawa ON CAN 1751 CW Dashes and
ticks. Freq should be 14670 kHz? (03Nov04) (RGA)
- 14671 RABAT: French Diplo Hub Rabat 1645 ALE/USB Calls
CER11/MFA Paris N.African Dept. Followed by burst-type modem
activity. (29Oct04) (RGA)
- 14718.5 RFHI: FF Noumea NCL 0016 ARQ-E3/100/425
Noumea/Papeete (cct HIJ) (29Oct04) (BC3)
- 14731.7 RFVI: FF Le Port REU 1555 ARQ-E3/192/370 Relays
message from RFFAAC/GUERRE DIRTEL PARIS addressed to AIG1997
on circuit ITT to RFVITT/Mayotte. (26Oct04) (RGA)
- 14741 : MFA Cairo, EGY 1128 USB/16 tone Codan modem with
16x75Bd QPSK, QSX not found (1Nov04) (LDO)
- 14741.0 no-call: MFA Cairo, EGY 1128 USB/16 tone Codan modem
with 16x75Bd QPSK, QSX not found (01Nov04) (LDO)
- 14757.0 P16CAV: (16th Cav Regt, Ft Knox KY): 1636 USB/ALE

- sounding. 17/10 RP3
- 14757.0 P16CAV: (16th Cavalry Regt, Ft Knox KY): 2153
USB/ALE sounding. 20/10 RP3
- 14757.0 P16CAV: (16th Cavalry, Ft Knox KY): 19:42 USB/ALE
sounding. 19/10 RP3
- 14758.7 : Unid 1516 PACTOR?/200/80 Does not decode.
(21Oct04) (RGA)
- 14776 408FEMAUX: unID US FEMA unit 2002 ALE/USB calling
440FEMAUX (unID FEMA unit). (02nov04) (BC2)
- 14776 453FEMAUX: US FEMA Columbus, OH 2030 ALE/USB
sounding. (02nov04) (BC2)
- 14776 : More unID trigraph activity 2028-2055 ALE/USB
Calls include WMT, BZV, 14N, KX3, NIK, ?MK, 2DH, BZQ, VGJ,
22P, OOI HWX all sounding in AL1 & AL2. (02nov04) (BC2)
- 14776 : Several unID trigraph calls 2005-15 ALE/USB
calling and sounding. Calls noted: QEL, OKD, 9Q8, V6R, T3Y,
OZ1. Some encrypted AMD tfc passed. Noted also in AL1 and
AL2. (02nov04) (BC2)
- 14776 FC6: US FEMA Denton, TX 2005 ALE/USB sounding.
(02nov04) (BC2)
- 14776 FM6FCM: US FEMA Denton, TX 2000 ALE/USB calling
FCSFEM:US Federal Emergency Management Agency:Mount Weather,
VA. (02nov04) (BC2)
- 14776 FR5FEM: US FEMA Battle Creek, MI 1928 ALE/USB
sounding. (02nov04) (BC2)
- 14776 X3: Unid Mexican Army 2020-2022 ALE/USB working some
of the trigraph calls noted at 2005 as well as UE4 & B8R. Passed
same encrypted AMD msg as 2005 group. OIX sounded at
2024. Encrypted AL1. Mexican mil or civil guard net??
(02nov04) (BC2)
- 14790.0 1102: Unid, 1532 ALE/USB calling 3702. (02/Nov/04) (MR)
- 14812 AMM: DCN Amman JOR 1152 ALE/USB snd tws (21Oct04)(ZE)
- 14812 DKL: DCN Dhekelia CYP 0855 ALE/USB snd tws (21Oct04)(ZE)
- 14844 : Rus. intel, RUS 0930 AM/MFSK-20/20Bd, auto
broadcasting 5 figure group message to recipient "736"
(01Nov04) (LDO)
- 14844.0 no-call: Rus. intel, RUS 0930 AM/MFSK-20/20Bd, auto
broadcasting 5 figure group message to recipient "736"
(01Nov04) (LDO)
- 14852.3 DOR: MFA Sofia, BUL 0916 ITA-5 based FSK ARQ-system
at 400.97Bd and 601.5Bd, tfc to emabssy Cairo "GAT", QSX not
found (01Nov04) (LDO)
- 14932.9 4MFSK: Possible British Mil Darwin, Australia 2301
(20/10/04) (AJP)
- 14953 : Rus. intel, RUS 0930 AM/MFSK-20/20Bd auto
broadcasting 5 figure group message to recipient "513"
(01Nov04) (LDO)
- 14953.0 no-call: Rus. intel, RUS 0930 AM/MFSK-20/20Bd auto
broadcasting 5 figure group message to recipient "513"
(01Nov04) (LDO)
- 14973 : Dep. of State Comms Moscow, RUS 0733
MFSK-32/CROWD36 tfc. to UNID embassy on link 00089, offline
crypto not spaced in 5 LGs, (01Nov04) (LDO)
- 14973.0 no-call: Dep. of State Comms Moscow, RUS 0733
MFSK-32/CROWD36 tfc. to UNID embassy on link 00089, offline
crypto not spaced in 5 LGs, (01Nov04) (LDO)
- 14977,5 OEY52 OEY81: NONE 1232 USB / mil-std 188 141a OEY52
OEY81 OEY41 METZ72 heard all unknown (28/Oct/2004) (oz1hdf)
- 14977.5 OEY41: Austrian Military, 1434 ALE/USB with OEY52.
(18/10/04) =(MR)
- 15016.0 Bee Bread: was active at 1810z with BEE BREAD (good
readable) bcsting a 28-character EAM (U6LVPR), simulcasting
same on at least 8992.0 (weak readable) and 11175.0, with
nothing heard on 13155.0 and 11244.0 (28/10/04) (MR)
- 15016.0 Bee Bread: was active at 1812z with BEE BREAD.
Passing: "This is BEE BREAD, standing by for traffic"
- 15016.0 Show Piece: was active at 1440z with SHOW PIECE
(good readable) bcsting a 6-character EAM (D88P6J) and at

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- 1441z a 6-character EAM (D8W3FS), with nothing heard on 8992.0, 11244.0 or 13155.0. (26/10/04) (MR)
- 15016.0 Show Piece: was active at 1510z with SHOW PIECE (good readable) bcsting a 6-character EAM (D88P6J) and at 1511z a 6-character EAM (D8W3FS), with nothing heard on 8992.0, 11244.0 or 13155.0. H+10/h+40 activity. TACAMO = LANT?(26/10/04) (MR)
- 15025 : ARINC Reykjavic 1630-1700 HFDL with calls for tail numbers G-VGOA (Virgin Atlantic) and 9V-SGE SAL A340 (05nov04) (BC2)
- 15025 A7-ACB: Qatar Airways A330 Flt QR0007 1052 HFDL Signs on. (29Oct04) (RGA)
- 15025 A7-AFM: Qatar Airways A330 1130 HFDL Signs on. ICAO ID 8C0560 (29Oct04) (RGA)
- 15025 B-HQB: CPA A340 1409 HFDL Signs on. (31Oct04) (RGA)
- 15025 CO1703: Continental flt 1703 1659 HFDL Logging on with Reykjavic and reporting position 34-30-58N 117-24-05W. (05nov04) (BC2)
- 15025 CZ0485: China Southern Flight 1248 HFDL ICAO ID E003DE at 5041N 09730E. Unable to identify the aircraft. (22Oct04) (RGA)
- 15025 G-VATL: Virgin Atlantic A340 'Miss Kitty' 1137 HFDL Posn 6139N 05827E. (29Oct04) (RGA)
- 15025 G-VATL: Virgin Atlantic A340 'Miss Kitty' Flt VS0021 1304 HFDL Reports 5559N 01949W to ARINC Reykjavik. (22Oct04) (RGA)
- 15025 G-VSHY: Virgin Atlantic A340 'Madam Butterfly' Flt VS0251 1403 HFDL At 6004N 03759E. (31Oct04) (RGA)
- 15025 I-LIVA: Livingstone A321 Flt LVG294 At 42N 01515E. (31Oct04) (RGA)
- 15025 LH8250: Lufthansa flt 8250 tail number D-ALCL 1702 HFDL reporting position 33-50-19N 118-36-34W. (05nov04) (BC2)
- 15025 LH8281: Lufthansa flt 8281 tail number D-ALCB 1630 HFDL reporting position as 180-0-0N 180-0-0E. Something amiss in the cockpit methinks. Also reports same POREP at 1704. (05nov04) (BC2)
- 15025 MSR799: EgyptAir Flt 1142 HFDL Posn 4451N 00829E. (26Oct04) (RGA)
- 15025 N2623: Continental B737 1143 HFDL Acks crew message. (26Oct04) (RGA)
- 15025 N41140: Continental B757-224 Flt CO0065 1139 HFDL Signs on to ARINC Reykjavik. (26Oct04) (RGA)
- 15025 N588HA: Hawaiian B757-3CB 'Iwa' 1134 HFDL Acks waypoint message from Reykjavik. (22Oct04) (RGA)
- 15025 OH-LBT: Finnair B757 Flt AY2634 1103 HFDL Acks message from Reykjavik in unpronouncable Finnish. (29Oct04) (RGA)
- 15025 POP420: Unid 1402 HFDL Signs on. (31Oct04) (RGA)
- 15025 SA0211: SAA flt 211 tail number ZS-SJM 1623 HFDL reporting position 33-27-02N 84-18-45W. (05nov04) (BC2)
- 15025 TZ0938: ATA flt 938 unk type or tail number 1637 HFDL reporting position 40-25-42N 101-57-58W. (05nov04) (BC2)
- 15025 UP6753: UPS flight 6753 B767-34 tail number N317UP 1656 HFDL reporting position 52-31-01N 55-28-45W. (05nov04) (BC2)
- 15025 VP-BAY: Aeroflot B767 Flt SU0251 0951 HFDL Posn report 5626N 02920E to ARINC Reykjavik. (29Oct04) (RGA)
- 15025 VP-BWM: Aeroflot A320 1343 HFDL Signs on to ARINC Reykjavik. (31Oct04) (RGA)
- 15025 VS0901: Virgin Atlantic Flt 1142 HFDL Posn 6535N 01607E. (26Oct04) (RGA)
- 15025.0 Smasher: (US Southcom Flight watch, Key West FL): 2023 USB w/Shark 21 (unidentified) who gives position as 1602N/7220W (south of Dominican Republic), course 325 degrees & speed 365 kts. 03/11 RP3
- 15025.0 Smasher: (US Southcom Flight watch, Key West FL):

2025 USB w/Evergreen 423 (AMC Contract aircraft) who reports landing at unidentified Brazilian airfield (SBKO).

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- 15040 Unid:1000-1007z, Unid number station. Unid stn w/ ID by YL: "This is Uniform Lima Five... This is USA Lima Five... This is Uniform Lima Five". Abrupt s/off 1007. (AM) (November 7, 2004)(RT4)
- 15043 ICZ: GHFS Stn NAS Sigonella ITA 1601 ALE/USB ICZ IKF/Keflavik and PLA/Lajes Sounding. (31Oct04) (RGA)
- 15043 MCC: GHFS Stn McClellan AFB CA 1551 ALE/USB Sounding. (21Oct04) (RGA)
- 15043.0 AF7: (C-20C #86-0403, 99th AS Andrews): 2136 USB/ALE sounding. Also noted sounding on 08965.0; 09025.0; 09057.0; 11226.0; and 1250.0. 30/10 RP3
- 15082.0 NOJ: (CG COMSTA, Kodiak, AK): 1706 USB/ALE sounding. Also sounding on=17988.0. 29/10 RP3
- 15094.0 HHS: (Dept of Health & Human Services, Wash DC): 1925 USB/ALE sounding. 13/10 RP3
- 15523 D: MX Beacon Odessa 0754 CW New freq??? // 16332 10872 8495 7039. (15Nov04) (WC)
- 15867 I4J: ICE CESSNA 550 #N5314J 0038 USB/ALE sounding. (08Nov04) (BC2)
- 15867.0 CamsPac Point Reyes: 2006 USB w/ALE and clear voice checks w/CG 1701 (HC-130H7, unlocated west Coast-not heard). CamsPac concerned about late check-in by CG 1701. CG 1701 apparently had trouble linking up on COTHEN net and CamsPac asked why CG 1701 did not use secondary net. CamsPac advises CG 1701 that Service Center wants 1701 to reestablish ALE link on the COTHEN net. 18/10 RP3
- 15867.0 CamsPac Point Reyes: 2245 USB in ALE & voice w/J05 (HH-60J #6005, CGAS Astoria-not heard) acknowledging position report. 19/10 RP3
- 15867.0 D45: (ICE P-3 AEW&C #N145CS/BuNo 155299, Jacksonville AMB, FL): 1939 USB/ALE w/unheard station then into encrypted voice (Parkhill) comms. 15/10 RP3
- 15867.0 D49: (BICE P-3 AEW&C #N149CS): 2132 USB/ALE then into encrypted voice. Then Service Center in clear voice w/Charlie Sierra (not heard)and in encrypted voice connection w/Ping Pong (Customs Surveillance Support Center (CSSC), Corpus Christi, TX). 12/10 RP3
- 15867.0 D49: (ICE P-3 AEW&C #N149CS/BuNo 154581, Corpus Christi AMB, TX): 2227 USB in ALE & encrypted voice (Parkhill) w/unidentified station. 19/10 RP3
- 15867.0 Hammer: (ICE AICC, March AFB CA): 2020 USB w/76T (ICE CESSNA 550 #N6776T, San Diego AMB, CA-not heard). Hammer authorizes them to depart station and informs them that their partner in the south has id'ed the target. 76T relays that they will be landing in Mexicali in about 50 minutes. 15/10 RP3
- 15867.0 Service Center (BICE): 2037 USB w/CG 1504 (HHC-130 CGAS Elizabeth City-very weak) w/ALE handshake then clear voice. Asks Service Center for pp to unheard number. 15/10 RP3
- 15867.0 Service Center: 1538 w/Razorback (Customs Air Operations Base, Aguadilla, Puerto Rico) w/radio checks. 04/11 RP3
- 15867.0 X51: (UH-60L tail # 94-26551 2-3rd AVN, Hunter AAF Savannah GA): 1517 USB/ALE calling OPB (DEA OPBAT, Nassau Bahamas). Also calling Panther in voice reporting position as 79nms on bearing of 300 degrees from checkpoint Bravo 6. 04/11 RP3
- 15920 CFH: CanForce Halifax NS CAN 1434 RTTY/75/850 ZKRs to NAWS. (26Oct04) (RGA)
- 15920 CFH: CanForce Halifax NS CAN 1522 RTTY/75/850 ZKR idler. (21Oct04) (RGA)
- 15932.0 NEBRSL: (Brazilian Navy Training Frigate "BRASIL" U-27): 21:11 USB/ALE sounding. 18/10 RP3
- 15953.5 CGW: FBI Chicago 2340 USB ALE / calling LV1 (FBI Las

Vegas, NV) with no response (01/Nov/2004)
(Dave McAllister, BC)

15953.5 DN1: FBI Denver 2140 USB ALE / calling LV1 (FBI Las Vegas,
NV) with no response (01/Nov/2004) (Dave McAllister, BC)

16.009.7 : MFA Kairo 0816 sitor-a yks yks ... 0820z: tvqx
no joy 230kt04(wp3)

16008 DMZ: Bulgarian embassy Beirut, LBN 1222 USB/ITA-5
75Bd 11-bit/modified MIL-STD 188-110A 39-tone PSK/8FSK-240Bd
ARQ-system, tfc. to Sofia, QSX 14432kHz (01Nov04) (LDO)

16008.0 DMZ: Bulgarian embassy Beirut, LBN 1222 USB/ITA-5 75Bd 11-
bit/modified MIL-STD 188-110A 39-tone PSK/8FSK-240Bd
ARQ-system, tfc. to Sofia, QSX 14432kHz (01Nov04) (LDO)

16009.7 MFA Kairo: 0816 sitor-a yks yks ... 0820z: tvqx no
joy 230kt04 (wp3)

16009.7 then synch and half an hour in IRS modus 230kt04 (wp3)

16011.7 : MFA Kairo 0728 sitor-a hjkj kbs 1111 huxd yks
yks 230kt04 (wp3)

16011.7 MFA Kairo: 0728 sitor-a hjkj kbs 1111 huxd yks yks
230kt04 (wp3)

16016 : MFA Cairo, EGY 0758 USB/16 tone Codan modem with
16x75Bd QPSK, QSX not found (01Nov04) (LDO)

16016.0 no-call: MFA Cairo, EGY 0758 USB/16 tone Codan
modem with 16x75Bd QPSK, QSX not found(01Nov04) (LDO)

16017.7 : MFA Kairo 0728 sitor-a irs mode 0822z: tvqx
after no joy on

16017.7 MFA Kairo: 0728 sitor-a irs mode 0822z: tvqx after
no joy on 16009.7 then synch and half an hour in IRS modus
230kt04 (wp3)

16049.7 : MFA Kairo 0726 sitor-a yks yks ... 230kt04 (wp3)

16049.7 MFA Kairo: 0726 sitor-a yks yks ... 230kt04 (wp3)

16077 LRD1: US Army Corps of Engineers:Great Lakes and
Ohio Division, Chicago (?) OH: 1652 ALE/USB sounding.
(02nov04) (BC2)

16077 LRP1: US Army Corps of Engineers:Pittsburgh
District, PA 1641 ALE/USB sounding. (02nov04) (BC2)

16077 MVD1: US Army Corps of Engineers:Mississippi Valley Division,
Vicksburg, MS: 1705 ALE/USB sounding.
(02nov04) (BC2)

16078.0 MOCHUELO: (Army telephone net): 20:12 LSB/ALE TO
1901 (Army telephone net)--[AMD]DIAL0982711086.
19/10 RP3

16125.0 STAT11: UNID Tunisian MOI, TUN 0810 USB/MIL-STD
188-141A/PACTOR-II ARQ, encrypted traffic to STAT151
(16Oct04) (LDO)

16135 KVM70: Honolulu Meteo 1742 FAX/120/576 Noisy chart.
Only faint lines visible to end of transmission at 1744z.
(03Nov04) (RGA)

16137.7 : MFA Kairo 0830 sitor-a 230kt04 (wp3)

16137.7 MFA Kairo: 0830 sitor-a 230kt04 (wp3)

16144.5 WAROPS: (Warrior Ops, 1/228th Avn, Soto Cano AB,
Honduras): 1655 USB/ALE sounding. 12/10 RP3

16223.7 : MFA Kairo 0927 sitor-a tfc to unid emb 230kt04 (wp3)

16223.7 MFA Kairo: 0927 sitor-a tfc to unid emb 230kt04 (wp3)

16245 3ZB202: UNID Polish MIL, ?? 0726 USB/MIL-STD
188-141A calling LCR154 (01Nov04) (LDO)

16245 LCR154: UNID Polish MIL, POL 0726 USB/MIL-STD
188-141A calling 3ZB202 (01Nov04) (LDO)

16245.0 3ZB202: UNID Polish MIL, ??? 0726 USB/MIL-
STD188-141A calling LCR154 (01Nov04) (LDO)

16245.0 LCR154: UNID Polish MIL, POL 0726 USB/MIL-
STD188-141A calling 3ZB202 (01Nov04) (LDO)

16267 : Unid 1403 CLOVER-2000/USB Short synch bursts 4-
second data. (26Oct04) (RGA)

16270 OLZ88: MFA Prague 1606 ALE/USB calls OLZ55/Unid
embassy. (29Oct04) (RGA)

16278.8 : MFA Algier 0744 coquelet 8 tfc from Bruxelles to
mae/sg/dge/dgpa/dgp und ambalg baghdad. then tfc to all
postes diplomatiques 230kt04 (wp3)

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- 16278.8 MFA Algier: 0744 coquelet 8 tfc from Bruxelles to mae/sg/dge/dgpa/dgp und ambalg baghdad, then tfc to all postes diplomatiques 230kt04 (wp3)
- 16297 : UNID Egyptian embassy, ??? 1420 USB/16 tone Codan modem with 16x75Bd QPSK, QSX on 13385kHz USB (01Nov04) (LDO)
- 16297.0 no-call: UNID Egyptian embassy, ??? 1420 USB/16 tone Codan modem with 16x75Bd QPSK, QSX on 13385kHz USB (01Nov04) (LDO)
- 16331.7 "d" : rus navy odessa 0748 cw beacon 230kt04 (wp3)
- 16331.7 D: (Odessa): 1322 CW beacon. Also noted on 13527.7. 31/10 RP3
- 16331.7 D: : rus navy odessa 0748 cw beacon 230kt04 (wp3)
- 16331.7 D: MX Beacon Odessa 1407 CW (26Oct04) (RGA)
- 16331.7 D:MX Beacon Odessa 1526 CW (21Oct04) (RGA)
- 16332 D: MX Beacon Odessa 0646 CW //7039 8495 10872 13528 20049. (30Oct04) (WC)
- 16332 M: MX Beacon Magadan 0704 CW (05Nov04) (WC)
- 16332 S: MX Beacon Arkhangelsk 0826 CW //13528 10872. (18Nov04) (WC)
- 16332 S: MX Beacon Arkhangelsk 1226 CW //20049 13528 10872 8495 7039. (16Nov04) (WC)
- 16332.3 "k" : rus navy 0748 cw beacon 230kt04 (wp3)
- 16332.3 K: : rus navy 0748 cw beacon 230kt04 (wp3)
- 16333.0 O/M (Caribbean EE): 1536 USB w/O/M (Caribbean EE) discussing shipping fees & documents. 04/11 RP3
- 16333.0 RS1: (Brazilian Army, Rio Grande do Sul): 21:25 USB/ALE TO BR1(HQs Brazilian Army, Brasilia). 18/10 RP3
- 16335 MAE: MFA Algiers 1522 ALE/USB Calls GAO/Gao Mali consulate. (31Oct04) (RGA)
- 16338.5 M0700N: (Nat'l Guard, Missouri): 1732 USB/ALE TO HQ703N (probably Nat'l Guard HQs, Readiness Center, Arlington VA). Also noted on 14653.0. 12/10 RP3
- 16414 64586: LINCOLNSHIRE POACHER Enigma E03 1405 USB Musical marker and OH with 64586 callup. (26Oct04) (RGA)
- 16553.5 Unid: Japanese fisheries 2228 8 tones AFSK (31/10/04) (AJP)
- 16604.5 : Unid 1412 OMFsk/195.5/600 Freq 16604.53 usually on 0.9 kHz offset. (26Oct04) (RGA)
- 16630.5 : Unid Ship 1416 GLOBEDATA In traffic with either 9MG or SAB. (26Oct04) (RGA)
- 16780.5 : Unid Ship 1418 ARQ Selcals KYVX/MoscowRadio/UAT. (26Oct04) (RGA)
- 16804.5 3FKH9: Panamanian-flagged Vessel Medi Tokyo 1546 GMDSS RQs USCG Miami/NMA for safety check. Then RQs USCG Boston/NMF at 1548z. (29Oct04) (RGA)
- 16804.5 4JDN: Azerbaijan Ship Shair Vidadi 1522 GMDSS RQs LyngbyRadio/OXZ for safety test. (29Oct04) (RGA)
- 16804.5 9HLF4: Maltese-flagged Vessel Grand Lady 1529 GMDSS RQs USCG Miami/NMA for safety test. (29Oct04) (RGA)
- 16804.5 LJUU3: Norwegian Ship Berthia 1554 GMDSS RQs ManausRadio/PPM Brazil for safety test. (29Oct04) (RGA)
- 16804.5 SSHX: Egyptian Ship wadi Sudr 1535 GMDSS RQs Charleville/wiluna AUS for safety test. Seen earlier on 12577 kHz. (29Oct04) (RGA)
- 16808 XSV: Tianjin Radio 0013 ARQ w/mkr. Exc reception. Not listed. 1st time hrd. (24 October) (RB4)
- 16809.4 XDV: (unidentified): 2347 w/CW & FEC markers. 01/11 RP3
- 16813 UAT: MoscowRadio 1528 ARQ w/Morse ID and kyky data string idler. (21Oct04) (RGA)
- 16829.5 UCE: ARKHANGELSK RADIO 0807 fec 100/E/170 Tfc list in 3sc. "qsw 8549/12714/6319.5/16829.5" (19/Oct)(DW)
- 16830.5 SVO: OlympiaRadio Athens 1530 CW Marker for ARQ. (21Oct04) (RGA)
- 16833.6 UIW: (Kalininingrad): 1410 SITOR w/vessel KRASNIKU NIKOLA in personal (birthday greetings) in Russian. Also w/other vessels in admin msgs in Russian and EE. 11/10 RP3
- 16839.5 UIW: kaliningrad 1410 ARQ Oct24 04 ML
- 16841.0 UFZ: Vladivostok R 0130 Sitor Traffic. Telegram ?

- (06/11/04)(AJP)=
- 16842 Unid:2033-2050z, Unid Naval Stn Argentina. Instructions to submarines. Mentions of Montevideo, Punta del Este and other sites of Rio de la Plata (RTTY 200/850) (november 11, 2004)(RT4)
- 16880 XSQ: GuangzhouRadio PRC 1422 ARQ w/Morse ID. (26Oct04) (RGA)
- 16882 UDK2: MurmanskRadio 1735 ARQ Ends autotelex QSO with unid ship and on to marker w/Morse ID and SELCAL KSK. (SkySweeper tests). (03Nov04) (RGA)
- 16951 6WW: FN Dakar 1250 RTTY/75/850 Test tape. (12/Nov/04) (RH2)
- 16951 RFTJE: FN Dakar 0941 RTTY/75/850 Test tape. (25/Oct/04) (RH2)
- 16951.5 6WW: FN Dakar SEN 1559 RTTY/75/850 RYSG tests to FAAA. (13Nov04) (RGA)
- 16951.5 RFTJE: FN Dakar SEN 1627 RTTY/75/850 RYSG tests. No ID. (18Oct04) (RGA)
- 16961.2 FUF: FN Ft de France 2051 RTTY/75/850 Test tape. (06/Nov/04) (RH2)
- 16961.5 FUF: FN Fort de France 0120 RTTY 75/850 FAA de FUF FUF Testing (06/11/04) (AJP)
- 16961.5 FUF: FN Fort de France MRT 1425 RTTY/75/850 RYRYSGSG Idler. (26Oct04) (RGA)
- 16965.7 : Unid 1742 RTTY/60/835 Good sigs - gbge on screens. (27/Oct/04) (RH2)
- 16978.2 : NATO Modem 1430 STANAG-4285/2400/USB 600 bps data rate long interleave. weak synch - no decode. (26Oct04) (RGA)
- 16986 CTP: NATO Lisbon 1740 RTTY/75/850 NAWs de CTP etc. (17/Nov/04) (RH2)
- 16986 CTP: PN Palhais/Oeiras POR 1731 RTTY/75/850 QSX marker. (03Nov04) (RGA)
- 17066.5 A9M: Globewireless Manama BHR 1351 GLOBEDATA Idling. (26Oct04) (RGA)
- 17069.5 JJC: Kyodo Press Tokyo 1613 FAX/60/576 QRM. Poor Japanese text. (18Oct04) (RGA)
- 17146.9 CBV: Valparaiso R 1941 FAX/120/576 S'face anal - fair. (24/Nov/04) (RH2)
- 17147 CBV: Valparaiso R 1923 FAX/120/576 S'face anal - fairly clear. (15/Nov/04) (RH2)
- 17147 URL: Sevastopol Radio UKR 1516 CW CQ Marker. (14Nov04) (RGA)
- 17147.0 URL: sevastopol 1636 CW Sep25 09 ML
- 17260.0 3AC16: Monaco Radio 0945 USB French/English wx rept. s9+60dB! (17-oct-2004) (MSM)
- 17260.0 Unid: 1515 USB w/automated wx broadcast for Gulf of Alaska area.=29/10 RP3=20
- 17273.5 HEB03: BERN RADIO 1016 CW Chan free marker. CW ID "CQ de HEB03" every 3 mins. Data bursts 200Hz. Test pre 1/Jan/05 svc opening (15/Nov)(DW)
- 17299.0 URL: sevastopol 1637 USB ukran Sep25 09 ML
- 17402.4 VCT: Globe wireless Tor's Cove NF CAN 1617 GLOBEDATA Idling. (18Oct04) (RGA)
- 17441.5 5YE: Nairobi Met 1730 RTTY/100/850 RY/ID etc. (15/Nov/04) (RH2)
- 17458.5 UT4D: (unidentified): 2104 USB/ALE TO IR01 (unidentified). 20/10 RP3
- 17487.0 KNR33: (SHARES Coordinating Station, Falls Church VA): 1309 USB/ALE sounding. 13/10 RP3
- 17519 FC8FEM: WGY908/US FEMA Region 8 Denver CO 1549 ALE/USB Sounding. (29Oct04) (RGA)
- 17916.0 Stockholm Radio: 1157 USB w/North American 751 (not heard) in pp w/North American Dispatch to confirm position. 11/10 RP3
- 17916.0 Stockholm Radio: 1441 USB w/Amherst 9866 (sounds like-not heard) in pp w/O/M (EE) who passes wx for Lahore, Pakistan. 08/10 RP3

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17928 A7-ACC: Qatar Airways A330 1636 HFDL Signs on to ARINC Las Palmas. (13Nov04) (RGA)
17928 D-ALCA: Lufthansa Cargo MD11 Flt LH8297 1618 HFDL Posn report 1235S 03409E to ARINC Las Palmas. (18Oct04) (RGA)
17928 D-ALCB: Lufthansa Cargo MD11 Flt LH8403 1529 HFDL At 5245N 05754W. (18Oct04) (RGA)
17928 D-ALCI: Lufthansa Cargo MD11 Flt LH8419 1503 HFDL At 4547N 02704E. (18Oct04) (RGA)
17928 G-VMEG: Virgin Atlantic A340 'Mystic Maiden' 1721 HFDL Signs on. (18Oct04) (RGA)
17928 I-LIVB: Livingstone A321 1706 HFDL Signs on to ARINC Las Palmas. (18Oct04) (RGA)
17928 N318TZ: American Transair B737 1456 HFDL ICAO ID 080D00. Signs on. (18Oct04) (RGA)
17928 N524AT: American Transair B757-22N 1627 HFDL Signs on. (18Oct04) (RGA)
17928 N57111: Continental B757 1533 HFDL Signs on. Poss Flt CO0057. (18Oct04) (RGA)
17928 N607FE: Federal Express MD11F 1659 HFDL Acks weather for LFPG/Paris CDG. (13Nov04) (RGA)
17928 N68160: Continental B767 1457 HFDL Acks message from ARINC Las Palmas "QUFCFDNCO. 1DISP TO 0059/18 WW 855 TORNADO AR MS TN 181445Z-182000Z AXIS..50 STATUTE MILES NORTH AND SOUTH OF LINE 55W PBF/PINE BLUFF AR/ - 40NE TUP/TUPELO MS/ AVIATION COORDS.. 45NM N/S /47SW LIT - 39W MSL/." (18Oct04) (RGA)
17928 N68160: Continental B767 1514 HFDL Acks message from ground: "QUFCFDNCO.1DISP TO 0059/18. -- ATTN CAPT -- JUST SENT WX UPDATE FOR ENROUTE ... SUGGEST DEV TO THE WEST OVR STL TOWARDS J137 TO AVOID AREA OF SEV WX -----DISP PR." (18Oct04) (RGA)
17928 N78060: Continental B767 1659 HFDL Acks msg from ARINC Las Palmas: 'TO 0047/13. I COULDNT REMEMBER IF I HAD SENT THE ETOPS OK MSG SO IM DOING IT NOW JUST INCASE...'. (13Nov04) (RGA)
17928 VP-BWI: Aeroflot A320 Flt SU0582 1114 HFDL At 5558N 03726E. (18Oct04) (RGA)
17928 ZS-SJL: S.African B737 1730 HFDL Signs on. (18Oct04) (RGA)
17928 ZS-SJN: S.African B737 1634 HFDL Signs on. (18Oct04) (RGA)
17928.0 17: ARINC CANARIES 1640 HFDL on usb. Squitters. Reporting as active freq 2. wkng flights UP6727 SA0359 SA0479 AY2710 AY2719 UP0000 SA0575 LH8297 CO0039 CO0065 NW0784 thru 1730z (24/Oct)(DW)
17928.0 ARINC-17 Las Palmas: 1750 HFDL Squitters and some South African a/c (19/10/04) (AJP)
17937.0 Flight Support, Lima Peru: 1345 USB w/AA 924 enroute from Medellin, Colombia to Miami w/selcal check (LP-JQ). 09/10 RP3
17937.0 Flight Support, Lima Peru: 1355 USB w/UPS 6128 w/wx and selcal check (FS-KP). 09/10 RP3
17940.0 Houston Radio: 1851 USB calling APW601 w/no response. 03/11 RP3
17940.0 Houston Radio: 1934 USB w/UA 883 in unsuccessful selcal check (QE-RL). QSY's to 13330.0. 04/11 RP3
17950.0 O/M (SS): 1911 USB w/Y/L (SS) in non-air/LDOC related converstation. 09/10 RP3
17967 A7-ACD: Qatar Airways A330 HFDL Signs on. (22Oct04) (RGA)
17967 A7-AEA: Qatar Airways A330 Flt QR0001 1259 HFDL Reports 38N 03523E to ARINC Muharraq. (13Nov04) (RGA)
17967 B-18601: China Airlines B737 1227 HFDL Signs on to ARINC Muharraq. Possibly has ICAO ID C49DA5. (22Oct04) (RGA)
17967 B-60094: Unid PRC Aircraft? 1445 HFDL Signs on. (22Oct04) (RGA)
17967 VS0901: Virgin Atlantic Flt 1300 HFDL At 6329N 01342E. (13Nov04) (RGA)
17976 HAWSPR: US SIPRNet Stn Ascension 1539 ALE/USB Sounding. (26Oct04) (RGA)

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17976 IKFSPR: US SIPRNet Stn Keflavik ICE 1511 ALE/USB Sounding. (14Nov04) (RGA)

17976 OFFSPR: US SIPRNet Stn Offutt AFB NE 1512 ALE/USB OFFSPR CROSPR/Croughton PLASPR Lajes JDGSPR Diego Garcia and ICZSPR/Sigonella all sounding. (29Oct04) (RGA)

17980.0 Aircraft: (O/M SS): 2141 USB w/unheard station. 03/11 RP3

17982.0 Aircraft 472: (O/M Portuguese): 2118 USB w/Tamoio (unidentified, Brazilian Air Force) w/flight information. 03/11 RP3

17982.0 Aircraft 473: (O/M Portuguese): 1223 USB w/Manaus (Brazilian Air Force) in radio checks. 11/10 RP3

17982.0 CERRADO: (unidentified Brazilian Air Force): 20:48 USB/ALE sounding. 19/10 RP3

17988.0 NOJ: (COMSTA Kodiak, AK): 18:37 USB/ALE TO 710 (HHC-130H # 1710, CGAS Kodiak). 19/10 RP3

18003 290: UnID 1807 ALE/USB clg HAW. (17Oct04) (JD)

18003 60000346: Unid USAF 1442 ALE/USB Sounding. Later seen as 600003 calling GBL00346. (29Oct04) (RGA)

18003 ADW: US Air Force Andrews AFB, MD 1721 ALE/USB Sounding. (17Oct04) (JD)

18003 AED: US Air Force Elmendorf AFB, AK 1717 ALE/USB Sounding. (17Oct04) (JD)

18003 CRO: RAF Croughton, UK 1816 ALE/USB Sounding. (17Oct04) (JD)

18003 HAW: US Air Force Ascension Island 1805 ALE/USB Sounding. (17Oct04) (JD)

18003 HIK: US Air Force Hickam AFB, HI 1734 ALE/USB Sounding. (17Oct04) (JD)

18003 ICZ: US Air Force Sigonella Naval Air Station, Italy 1726 ALE/USB Sounding. (17Oct04) (JD)

18003 IKF: US Air Force Keflavik, Iceland 1717 ALE/USB Sounding. (17Oct04) (JD)

18003 JNR: US Air Force Roosevelt Roads, PR 1702 ALE/USB Sounding. (17Oct04) (JD)

18003 MCC: US Air Force McClellan AFB, CA 1733 ALE/USB Sounding. (17Oct04) (JD)

18003 MPA: US Air Force Mount Pleasant, Falkland Islands 1715 ALE/USB Sounding. (17Oct04) (JD)

18003 OFF: US Air Force Offutt AFB, NE 1735 ALE/USB Sounding. (17Oct04) (JD)

18003 WRL: US Air Force Robins AFB, GA 1819 ALE/USB Sounding. (17Oct04) (JD)

18003.0 NW2: (Nightwatch, Airborne Command Post): 1954 USB/ALE TO NW1 (Nightwatch, Airborne Command Post). Also noted on 09025.0; 11226.0; 13215.0 & 15043.0. 09/10 RP3

18012.0 Circus Orange (FR Air Force, Dakar Senegal): 1547 USB w/COTAM 5111 (FR Air Force) w/position report. 08/10 RP3

18012.0 Circus Vert (HQs CFAP, Villacoublay): 1526 USB w/COTAM 2306 (French Air Force) in radio checks. 08/10 RP3

18012.0 Circus Vert: (CFAP HQs, Villacoublay): 1340 USB w/COTAM 5111 (French Air Force) who reports departure from Cayenne-Rochambeau, French Guyana. 09/10 RP3

18012.0 COTAM 6083: (French Air Force transport): 1208 USB calling Circus Fraise (FR AF, FORT-DE-FRANCE, Martinique) and Circus Citron (FR AF, CAYENNE, FRENCH-GUYANA) w/no response. 11/10 RP3

18018.0 Aircraft (O/M SS): 1314 USB calling Merino w/no response. LAN Chile LDOC. 04/11 RP3

18018.0 Architect: (RAF Flight watch): 1301 USB w/airfield color states. 01/11 RP3

18018.0 Architect: (RAF Flight watch): 1931 USB w/airfield color states. 12/10 RP3

18018.0 Architect: (RAF Flight watch): 1315 USB w/unheard station passing wx for Papos International, Cyprus. 04/11 RP3

18026.0 Unid: (Russian) & Y/L (Russian): 1331 USB w/unheard station in R/T link in unofficial/familiar conversations.

31/10 RP3
18042.0 unid: MSF 0630 Pactor-I/100Bd <Calling:PACMZGB MSF Zagreb, HRV, P-II msg (19/OCT/04) (KK)
18183.4 ---: MFA ALGIERS 0821 COQ/8 26.7/E/190 wkng Addis Ababa and also giving QRY's to others. (22/Oct)(DW)
18183.4 7RQ20: MFA Algiers 1537 COQ8 'vci off Algr nr 3048 super flash' to Niamey. Mundane subject. (21Oct04) (RGA)
18183.4 ACR: ALGERIAN EMB ACCRA? 0835 COQ/8 13.3/E/190 wkng Algiers (22/Oct)(DW)
18208.7 ---: EGYPTIAN DIPLO ?LOC 1259 arq 100/E/170 Brief qso in Arabic (ATU80) (21/Oct)(DW)
18220.0 JJC: Tokio Radio 0928 fax 60/576 wx map with inf abt. Tokage cyclon,synchro problems though good copy:R5S9 (17-oct-2004)(MSM)
18224 : Unid Globewireless outlet 1714 GLOBEDATA Idler. (03Nov04) (RGA)
18238.0 ZSJ: SAN CAPETOWN 0810 FAX 120/576/N/800 weak, grainy. Antartic ice chart (26/Oct)(DW)
18261.0 GYA: RN NORTHWOOD 0830 FAX 120/576/N/800 weak, grainy. Middle Easat svc. (26/Oct)(DW)
18274 : Dep. of State Comms Moscow, RUS 1030 and 1430 MFSK-32/CROWD36 40Bd/10Bd 5LG offline crypto to unlocated embassy after 11177 00096 (01Nov04) (LDO)
18274.0 no-call: Dep. of State Comms Moscow, RUS 1030 and 1430 MFSK-32/CROWD36 40Bd/10Bd 5LG offline crypto to unlocated embassy after 11177 00096 (01Nov04) (LDO)
18341.7 ---: MFA CAIRO 1306 arq 100/E/170 Op chat in Arabic(ATU80) then irs. 1315 further opchat and s/off at 1318z. 1323 selcals KKVZ (Kampala or Madrid) opchat and s/off 1326 (23/Oct)(DW)
18341.7 : MFA Cairo 1341 ARQ 5LGs. Then re-addressed circular to Kampala. (26Oct04) (RGA)
18350 : UNID Egyptian embassy, ??? 1430 USB/16 tone Codan modem with 16x75Bd QPSK, QSX not found (01Nov04) (LDO)
18350.0 no-call: UNID Egyptian embassy, ??? 1430 USB/16 tone Codan modem with 16x75Bd QPSK, QSX not found (01Nov04) (LDO)
18365.0 : NATO Modem 1604 STANAG-4285/2400/USB 600 bps data rate. Poor synch. (18Oct04) (RGA)
18378.7 ---: MFA CAIRO 0749 arq 100/E/170 selcals XBVK/The Hague. No resultant qso (28/Oct)(DW)
18396.0 CER11: (French MFA, Paris): 1751 USB/ALE TO RABAT (French Embassy, Morrocco). Also noted on 09052.0 & 14671.0.
18/10 RP3
18480 OLZ69: Czech Embassy Cairo 1506 ALE/USB Sounding. (29Oct04) (RGA)
18480.0 OLZ69: (Czech Embassy,Cairo?): 1713 USB/ALE sounding. 18/10 RP3
18519 9HD: Globewireless Malta 1540 GLOBEDATA Idling. (21Oct04) (RGA)
18529.4 ---: ALGERIAN EMB MOSCOW 0927 COQ/8//26.7/-200 Tfc in FF (13/Nov)(DW)
18560 MALAKAL: UNJLC OPS Malaka1, SDN 1140 USB/MIL-STD 188-141A, sounding (31Oct04) (LDO)
18560 OBIED: UNJLC OPS El Obeid, SDN 1421 USB/MIL-STD 188-141A, sounding (30Oct04) (LDO)
18560.0 BMF: Taipei Met 0918 FAX 120/576 chinese letter fax,looks like a newspaper or someting,poor copy (17-oct-2004)(MSM)
18560.0 MALAKAL: UNJLC OPS Malaka1, SDN 1140 USB/MIL-STD188-141A, sounding (31Oct04) (LDO)
18560.0 OBIED: UNJLC OPS El Obeid, SDN 1421 USB/MIL-STD 188-141A, sounding (30Oct04) (LDO)
18571.5 : MFA Tunis 0944 FEC 5LG after ETOILE code prefix. (25/Oct/04) (RH2)
18571.5 : Tunis Diplo 1715 FEC RY's + 5LG //13956.5 (17/Nov/04) (RH2)
18591 : Unlisted Globewireless Outlet 9HD? 1435 GLOBEDATA Idling. (14Nov04) (RGA)

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18594 503: ICE 2351 USB/ALE sounding. (05nov04) (BC2)
18594 703: ICE 2332 USB/ALE calling U03 and 503 &
sounding. No linkup established. (05nov04) (BC2)
18594 I01: ICE 2359 USB/ALE sounding. (05nov04) (BC2)
18594 I31: ICE CESSNA 550 #N2531K, San Diego AMB, CA 2328
USB/ALE sounding. (05nov04) (BC2)
18594 I4J: ICE 2338 USB/ALE sounding. (05nov04) (BC2)
18594 I75: ICE 0000 USB/ALE sounding. (06nov04) (BC2)
18594 J03: ICE 0014 USB/ALE sounding. (06nov04) (BC2)
18594 PAC: USCG CAMSPAC Point Reyes, CA 2344 USB/ALE
working J33:USCG HH-60J #6033 CGAS Elizabeth City, to voice
comms USB, J33 passes position report. Recording available.
(08nov04) (BC2)
18594 PNR400: OPBAT base, Georgetown, Bahamas 2348 USB/ALE
sounding. (08nov04) (BC2)
18594 T58: ICE 2331 USB/ALE sounding. (05nov04) (BC2)
18594 X52: Prob 2-3 AVN US Army UH60L Tail no 94-26552
1638 ALE/USB Sounds. (18Oct04) (RGA)
18594.0 504: (USCG HC-130H #1504, CGAS Elizabeth City): 1909
USB/ALE TO LNT (Camslant Chesapeake-not heard). Then into
clear and "green" ANDVT voice radio checks. 22/10 RP3
18594.0 701: (HHC-130, CGAS Barbers Point): 1900 USB/ALE
w/PAC (CamsPac Point Reyes) then in voice radio checks. 701
then in ALE w/TSC (BICE Service Center)03/11 RP3
18594.0 Camslant Chesapeake: (not heard): 1858 USB w/CG 1504
(HHC-130 CGAS Elizabeth City) w/ALE handshake and clear
voice radio checks. 15/10 RP3
18594.0 D45: (ICE P-3 AEW&C #N145CS/BuNo 155299,
Jacksonville AMB, FL): 1952 USB in ALE and encrypted voice
(Parkhill) w/unidentified station. Also noted in ALE and
Parkhill on 20890.0. 18/10 RP3
18594.0 J13: (USCG HH-60J #6013 CGAS Clearwater): 1836 USB
w/Camslant Chesapeake in ALE and voice reporting flight ops
normal. 22/10 RP3
18594.0 J39: (CG HH-60 # 6039, ATC Mobile-very weak): 2002
USB w/CamsPac Point Reyes (not heard) in ALE and clear voice
radio checks and position report. 18/10 RP3
18594.0 Unid: entified aircraft (probably ICE P-3 AEW&C
#N142CS/BuNo 153452, Corpus Chrisiti AMB, TX): 19108 USB
w/unheard station stating they have been trying to contact
PR1 (Punta Salinas, PR) in ALE. Then into extended encrypted
voice (Parkhill) comms w/the unheard station. 15/10 RP3
18610 CID: Prob USAF Rockwell Comms Central Cedar Rapids
IA USA 1505 ALE/USB Sounding. (29Oct04) (RGA)
18640 : UNID Egyptian embassy, ??? 1012 USB/16 tone Codan
modem with 16x75Bd QPSK, QSX not found (01Nov04) (LDO)
18640.0 no-call: UNID Egyptian embassy, ??? 1012 USB/16 tone
Codan modem with 16x75Bd QPSK, QSX not found (01Nov04) (LDO)
18666.0 DN1: (FBI, Denver CO): 1540 USB/ALE TO LV1 (FBI, Las
Vegas NV). Also noted on 15953.5. 25/10 RP3
18757 : Unid French Diplo 1338 FEC-100/192.3/300 No copy.
(26Oct04) (RGA)
18828.0 unid: CIS, 0914 USB/voice 2 YL chatting abt
shopping,rec in progress(17-oct-2004)(MSM)
18897.2 Z2A: Unid Moroccan Diplo/Military 1139 CW Poor
morse. Fm CDT La lère BIP BSFAR MAAMORA SUD(?) To
L'Ambassadeur de SMIROIWA? KTX = Très touché par les marques
de sympathie que vous m'avez constamment temoignées en de
pareilles ... constances je vous en remercie vivement.
Saisissant l'occasion du mois du Ramadan je vous présent mes
meilleurs voeux et vous souhaite du succes dans votre noble
tache au service du trône Alaouite sous la direction
éclairée de notre august souverain que dieu le
glorifie...avec ma cordiale sympathie(?) et mon fidèle
sou....(faded). Then Z2A QRU and offair. (26Oct04) (RGA)
18900 FMP: Ukrainian Contingent Al-Kut, IRQ 1443 USB/MIL-
STD 188-141A c1ng CODRU763 (03Nov04) (LDO)
19041.7 : Unid Egyptian Diplo 1524 ARQ Long period of IRS.

- Opchat and offair. (13Nov04) (RGA)
- 19103.5 SKYWAT (Skywatch, US Army Flight watch, Soto Cano AB Honduras): 1658 USB/ALE sounding. 08/10 RP3
- 19103.5 SKYWAT: (Skywatch, US Army Flight watch, Soto Cano AB Honduras): 1331 USB/ALE sounding. 12/10 RP3
- 19103.5 SKYWAT: (Skywatch, US Army Flight watch, Soto Cano AB Honduras): 2015 USB/ALE sounding. 17/10 RP3
- 19103.5 SKYWAT:)Skywatch, US Army Flight watch, Soto Cano AB Honduras): 1422 USB/ALE sounding. 15/10 RP3
- 19200 WJ61: Unid 1415 ALE/USB Sounding. (31Oct04) (RGA)
- 19200.0 BNG: (Naval Base "Guitierrez"): 12:13 USB/ALE TO BNA (Naval Base "Amaro"). 19/10 RP3
- 19452 LINCOLNSHIRE POACHER: Enigma E03 1544 USB Old crone in 5FG traffic. (21Oct04) (RGA)
- 19600 KOSTI: UNJLC OPS Kostı, SDN 1249 USB/MIL-STD 188-141A, calling DALANG (30Oct04) (LDO)
- 19600.0 KOSTI: UNJLC OPS Kostı, SDN 1249 USB/MIL-STD188-141A, calling DALANG (30Oct04) (LDO)
- 19741.4 8PO: Globewireless Bridgetown BRB 1552 GLOBEDATA Idling. (13Nov04) (RGA)
- 19741.4 8PO: Globewireless Bridgetown BRB 1553 GLOBEDATA Idling. (21Oct04) (RGA)
- 19741.4 8PO: Globewireless Bridgetown BRB 1711 GLOBEDATA Idles. (03Nov04) (RGA)
- 19741.4 9PO: Globewireless Bridgetown BRB 1128 GLOBEDATA Idling. (26Oct04) (RGA)
- 19786.4 VCT: Globewireless Tor's Cove NF CAN 1710 GLOBEDATA Idler. weak. (03Nov04) (RGA)
- 19794.0 Guangzhou: Chinese PP 0850, YL calling,connecting and chatting,switched to 19770.0 rec in progress (17-oct-2004)(MSM)
- 19794.0 unid: prob Chinese (sounded like)PP 0850, YL calling,connecting and chatting,switched to 19770.0 rec in progress (17-oct-2004)(MSM)
- 19798.4 VCT: Globewireless Tor's Cove NF CAN 1628 GLOBEDATA Idling. (21Oct04) (RGA)
- 19843.9 : Unid 1442 OMFSK/195.2/600 (14Nov04) (RGA)
- 20047.7 "d": (beacon, Odessa): 1535 CW. Also noted on 16331.0. 04/11 RP3
- 20049 D: MX Beacon Odessa 0849 CW //16332 13528 10872 8945 7039. (18Oct04) (WC)
- 20107.0 unid: MSF Station 1502 P-I/100Bd <Calling: PACMZGB> MSF Zagreb, no cnt (30/OCT/04) (KK)
- 20221.7 : Prob MFA Cairo 1635 ARQ Gives QSY to '52052' and gone. Nothing heard 25025. (21Oct04) (RGA)
- 20260 : UNID Egyptian embassy, ??? 1450 USB/16 tone Codan modem with 16x75Bd QPSK, QSX not found (01Nov04) (LDO)
- 20260.0 no-call: UNID Egyptian embassy, ??? 1450 USB/16 tone Codan modem with 16x75Bd QPSK, QSX not found (01Nov04) (LDO)
- 20322 : Dep. of State Comms Moscow, RUS 0822 MFSK-32/CROWD36 tfc. to UNID embassy on link 10042, offline crypto not spaced as 5 LGS (06Nov04) (LDO)
- 20340.0 BKO: Alger. Embassy Bamako, MLI 1335 USB ALE MIL-188-141A clg MAE: Mfa Algiers (30/OCT/04) (KK)
- 20452.0 MAE: Mfa Algiers 1337 USB ALE/MIL-188-141A clg BKO: Alg. Embassy Bamako, MLI [CMD CRC FC09] (30/OCT/04) (KK)
- 20507.2 1701: IRGC 1248 P-I/Ham 100Bd <Calling LP:752> "1752" ASCII (03/OCT/04) (KK)
- 20507.2 1701: IRGC 1322 P-I/Ham 100Bd <Calling LP:941> "1941" ASCII (03/OCT/04) (KK)
- 20517.2 1761: IRGC 1211 P-I/100Bd <Calling LP:701> 1701 Voice cnf on 20515 kHz usb (30/OCT/04) (KK)
- 20517.2 No Call: IRGC 1234 P-I/100Bd <Calling LP:702> 1702 mny tries no cnt (30/OCT/04) (KK)
- 20535.0 BR1: (Army HQs, Brasilia): 21:14 USB/ALE TO CE1 (Brazilian Army, Ceara). 19/10 RP3
- 20890 504: USCG HC-130H #1504, CGAS Elizabeth City 2018 USB/ALE wkg TSC:ICE Orlando, FL Customs National Law

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Enforcement Communications Center -- Technical Service Center. Went to USB ssb comms, with a/c c/s of "4CS", requesting NFL scores, which TSC gave all that he had. Recording available. (08nov04) (BC2)

- 20890 D44: ICE P-3 AEW&C #N144CS, Corpus Christi AMB, TX 2153 USB/ALE sounding. (08nov04) (BC2)
- 20890 D45: ICE P-3 AEW&C #N145CS, Jacksonville AMB, FL 2102 USB/ALE sounding. (08nov04) (BC2)
- 20890 I57: ICE CESSNA 550 #1257B 2236 USB/ALE sounding. (08nov04) (BC2)
- 20890 PAC clg 708:USCG HC-130H #1708, CGAS Kodiak 2130-38 USB/ALE to voice comms, a/c calls in as "OMNI 17" with posit 13-34N 080-04W course 300 speed 60". Recording available. (08nov04) (BC2)
- 20890 SERVICE CENTER: wkg SPIRAL 40 USB ssb comms 1950 "Go back to scan and initiate sounding...", never hrd SPIRAL 40 on vox or ALE. (08nov04) (BC2)
- 20890.0 CamsPac Point Reyes: 2200 USB in ALE & clear voice w/703 (HC-130H7 # 1703, CGAS Barbers Point HI- not heard) who passes position report. CamsPac advises 1703 that they are still awaiting some undisclosed information. 19/10 RP3
- 20890.0 LNT: (Camslant Chesapeake): 2058 USB/ALE w/720 (USCG HC-130H #1720, CGAS Clearwater). In voice Rescue 1720 gives position as 2729N/8352W. 23/10 RP3
- 20890.0 PAC: (CamsPac Point Reyes): 1943 USB/ALE w/J05 (HH-60 # 6005, CGAS Astoria) then in voice for position report (4702N/10255W). 04/11 RP3
- 20890.0 Panther: (DEA OPBAT, Nassau Bahamas): 1825 USB w/52A (US Army UH-60L tail # 94-26552 2-3rd AVN -not heard) who relays position as 31 nms on bearing of 150 degrees from checkpoint Foxtrot 3 & operations normal. 18/10 RP3
- 20890.0 PNR400: (Panther 400, DEA Ops, Georgetown Bahamas): 1848 sounding. 22/10 RP3
- 20890.0 PNR400: Panther 400, DEA Georgetown Bahamas 1233 USB ALE/MIL-188-141A snd (30/OCT/04) (KK)
- 20892.0 Unid: 1715 CW w/long (beginning misse d5- lettergroupciphermsg.Msg ends w/ group GTGID repeated 5 times. 05/11 RP3
- 20907.2 1701: IRGC 1145 P-I/100Bd <Calling LP:721> 1721 Voice cnf on 20905 khz usb (30/OCT/04) (KK)
- 21002.3 unid: prb. IRGC 1140 P-I/100Bd Voice cnf 21000 khz usb (30/OCT/04) (KK)
- 21955 G-VMPEG: Virgin Atlantic A340 'Mystic Maiden' Flt VS0021 1413 HFDL Posn 5206N 03521W. (29Oct04) (RGA)
- 21955 N450PA: Polar Air B747 Flt PO0071 1438 HFDL Signs on to ARINC Las Palmas. (29Oct04) (RGA)
- 21955 OH-LBO: Finnair B757 Flt AY2568 1450 HFDL Posn 5834N 01946E. (29Oct04) (RGA)
- 21955 SU-GCE: EgyptAir A330 1447 HFDL Signs on. (29Oct04) (RGA)
- 21955 SU-GCF: EgyptAir A300 1543 HFDL Signs on. (29Oct04) (RGA)
- 21955 VS0021: Virgin Atlantic Flt 1341 HFDL Posn report 5209N 02855W to ARINC Las Palmas. (29Oct04) (RGA)
- 21955 ZS-SJN: S.African Airways B737 Flt SA183 1407 HFDL RQs message from Johannesburg Ops via ARINC Las Palmas 'MSG FROM JNBCMSA SEQ22251 - SA183 CPD OPS NML NEXT 1500 SAJNB.' (29Oct04) (RGA)
- 21955 ZS-SJS: S.African Airways B737 1441 HFDL Signs on. (29Oct04) (RGA)
- 21955.0 Arinc 17: Canarias Is. 1200 HFDL Sqiters and S.African a/c (01/11/04) (AJP)
- 21982 3B-NBH: Air Mauritius A319 'Blue Bay' 1124 HFDL Signs on. (22Oct04) (RGA)
- 21982 A6-ERE: Emirates A340 1126 HFDL Signs on to ARINC Muharraq. (22Oct04) (RGA)
- 21982 A6-ERF: Emirates A340 1301 HFDL Signs on. (29Oct04) (RGA)
- 21982 A7-AEA: Qatar Airways A330-300 Flt QR0001 1301 HFDL Posn report 4034N 03257E. Ex F-WWYC. (29Oct04) (RGA)
- 21982 A7-AFL: Qatar Airways A330 Flt QR0003 1249 HFDL

- Signs on. (29Oct04) (RGA)
- 21982 A7-AFL: Qatar Airways A330 Flt QR0033 1244 HF DL At 2834N 03340E. (22Oct04) (RGA)
- 21982 A7-AFO: Qatar Airways A330 1237 HF DL Signs on to ARINC Bahrain. (29Oct04) (RGA)
- 21982 B-6012: China Eastern A320 Flt MU5985 1243 HF DL At 1836N 10926E. (22Oct04) (RGA)
- 21982 ZS-SFE: S.African Airways A319-132 1259 HF DL ICAO ID F80D00. Signs on. (22Oct04) (RGA)
- 22168.0 ERM BEL: (Brazilian Navy Radio Station, Belem): 21:03 USB/ALE TO BTLCMC1 (Brazilian Marine Special Forces Bn). Also noted on 14780.0; 16607.0 & 17010.0. 18/10 RP3
- 22381.5 CBV: Valparaiso Playa Ancha Radio, Chile 1610 ARQ/CW marker into FEC wx b'cast. (18Nov04) (BC2)
- 22383.5 WLO: MobileRadio AL USA 1629 ARQ Idlers w/Morse ID. (03Nov04) (RGA)
- 22446.5 FUV: FN Ft de France 0935 RTTY/75/850 Test tape. Le Brick etc. (25/Oct/04) (RH2)
- 22446.7 FUV: FN Jibouti 1010 RTTY/75/850 RY/ID/Le Brick etc. (15/Nov/04) (RH2)
- 22447 FUV: FNY Djibouti, DJI 1043 RTTY/75/850 FAAA DE FUV Testing. (16OCT04) (ZE)
- 22447.0 FUV: (French Navy, Djibouti): 1448 RTTY 75/850 w/test tape. 29/10 RP3
- 22448.2 :NATO Modem 1703 STANAG-4285/2400/USB 600bps data rate long interleave. Usual continuous encrypted data. (03Nov04) (RGA)
- 22461.5 FUJ: FN Noumea NCL 0014 RTTY/75/850 Testing RYs. (27 Oct04) (BC3)
- 22542.0 JJC: Tokio Radio 0843 fax 60/576 JJC "newspaper", good copy:R5S5 (17-oct-2004)(MSM)
- 22580.0 1340: Unid, 1325 ALE/USB with many c/s's 1060, 1030,1050, 1305, 1503, 8207, 8007 and more. (03/Nov/04) (MR)
- 22733.9 Olympia radio: USB 16:40 OLIMPIA RADIO 06.11.2004 (ML)
- 22743.9 Olympia radio: LSB 16:40 OLIMPIA RADIO 06.11.2004 (ML)
- 23180.0 YPM44: Rom. Embassy 1557 USB ALE/MIL-188-141A clg CENTR5 MFA Bucuresti, ROU (30/OCT/04) (KK)
- 23197.85, Unid:1031-1056z, Uruguayan Army Montevideo. UA Stn in Montevideo working Bukavu and other military stns from Peace mission in Congo - Telephonic conferences (USB) (november 7, 2004)(RT4)
- 23214.0 D44: (ICE P-3 AEW&C #N144CS/BuNo 153446, Corpus Christi AMB, TX): 1947 USB/ALE sounding then into encrypted voice w/unidentified station. 04/11 RP3
- 23214.0 PNR400: Panther 400, DEA Georgetown Bahamas 1606 USB ALE/MIL-188-141A snd (30/OCT/04) (KK)
- 23214.0 Service Center (US Customs): 2009 USB/ALE w/D49 (BICE P-3 AEW&C #N149CS,Corpus Christi AMB, TX) then into encrypted voice (Parkhill). 13/10 RP3
- 23214.0 T9F: (probable USCG aircraft on LE mission): 1858 USB/ALE sounding. Also sounding on 18594.0 & 20890.0. 22/10 RP3
- 23214.0 Unid: entified station: 1917 USB in ALE and clear voice radio checks w/D42 (ICE P-3 AEW&C #N142CS/BuNo 153452, Corpus Chrisiti AMB, TX). 18/10 RP3
- 23337 ADW: USAF Andrews AFB, USA 1510 ALE/USB snd. (18OCT04) (ZE)
- 23337 CRO: GHFS Stn Croughton UK 1342 ALE/USB calls HAW/Ascension. [AMD] "HOW COPY". (31Oct04) (RGA)
- 23337 HAW: USAF wideawake AFB, ASC 1508 ALE/USB snd. (18OCT04) (ZE)
- 23337 JDG: NAS Diego Garcia NAS, BIO 1449 ALE/USB snd. (18OCT04) (ZE)
- 23337 JNR: USAF Salinas NAS, PTR 1459 ALE/USB snd. (18OCT04) (ZE)
- 23337 MPA: GHFS Stn RAF Stanley FLK 1540 ALE/USB Sounding. (18oct04) (RGA)

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23337 MPA: USAF Mount Pleasant AFB, FLK 1527 ALE/USB snd.
(18OCT04) (ZE)
23337 OFF: USAF Offutt AFB, USA 1503 ALE/USB snd.
(18OCT04) (ZE)
23337 PLA: NAS Lajes AB, POR 1501 ALE/USB to IKF (18OCT04) (ZE)
28199 K: Fishing Buoy 1030 CW 477 ==> 2'30". (24Oct04) (WC)
28216 DZ: Fishing Buoy 1304 CW 478. (12Nov04) (WC)
28246 L: Fishing Buoy 0956 CW 467 ==> 2'. (20Oct04) (WC)
28246 L: Fishing Buoy 1121 CW 467 2'. (02Nov04) (WC)
28246 N M: Fishing Buoy 1120 CW 467 2'30". (02Nov04) (WC)
28246 NM: Fishing Buoy 0953 CW 478 ==> 2' 30". (20Oct04) (WC)
28260 RDM: Fishing Buoy 0950 CW 467 ==> 2'45". (27Oct04) (WC)
28260 SP: Fishing Buoy 0949 CW 477 ==> 2'30". (27Oct04) (WC)
28266 K: Fishing Buoy 1536 CW 468 ==> 2' 20". (20Oct04) (WC)
28290 IP: Fishing Buoy 0952 CW 467 ==> 2'30". (27Oct04) (WC)
28290 SP: Fishing Buoy 1002 CW 477 ==> 1'30". (27Oct04) (WC)

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\\\\\\\\\\\\\\\\ WORLDWIDE UTE NEWS Club \\\\\\\\\\\\\\\\\\\

\\\\\\\\\\\\\\\\ An Electronic Club Dealing Exclusively in Utility Stations \\\\\\\\\\\\\\\\\

\\\\\\\\\\\\\\\\ WUNNEWS Vol 10: Issue 12, December 2004 \\\\\\\\\\\\\\\\\

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Edited by Bill Lawrie
Electronic Editor. (blmid@freeuk.com)
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If you have problems with any of this, or need further information, contact Jason Berri at: webmaster@wunclub.com

If you are reading this newsletter from another source, such as a BBS, please let us know!

Check out the WUN web site at: <http://www.wunclub.com>

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>From your Electronic Editor:

* Welcome to another issue of the single largest source of utility station information and the most widely quoted utility station publication in the world...the WUN Newsletter.

Seasons Greetings to all and a Happy (and hopefully, more peaceful) New Year to come.

WHAT'S INSIDE:

o New Year Message from Ary Boender, WUN President

- o Digital Review by Day Watson
- o Military/Government Channel Designator List by Larry van Horn
- o Nautical News by Robert Maskill
- o Numbers & Oddities by Ary Boender
- o Utility Round-up by Ary Boender
- o WUN Logs Column by Eddie Bellerby & TEAM LOGS

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Dear WUN members,

On behalf of WUN's staff, I wish you all a HEALTHY AND PROSPEROUS 2005!
A special THANK YOU goes to everyone who has sent contributions to the various column editors. We really appreciate this.

I also want to thank our dedicated staff for the many hours that you have invested in WUN. I'm proud to be the president of this club!

By the time that you read this, Christmas is already behind us and 2005 made its entry. Lots of things happened in 2004. For some reason, I can not think of many good things. Most of the things that come to mind are related to illness, terrorist attacks and murder, political unrest, war, famine, ethnic and religious unrest. Many people were dismissed by the company I work for and I know that a number of WUN members have suffered personal losses and/or lost their jobs. 2004 was a gloomy year in many ways.

Hobby wise it was a good year, though. I replaced an old receiver with two new ones and I heard various new stations, discovered DSC and HFDL, and we released the WUN Utility Guide #3 in December. Updated greatly since our last CD in 1999 and packed with information, the CD is a great source of information about all aspects of our hobby. We surely hope that you all will buy a copy. The profits of the 1999 CD paid the bills for 5 years. This is the only way we raise funds as WUN does not require dues. So, why wait? ORDER NOW!

For order information, please visit the WUN website at:

<http://www.wunclub.com/cd3.html>

The new CD is part of WUN's 10th anniversary celebration. Yes, folks, we're 10 years old. We founded WUN in January 1995 and I am amazed that we are still going strong while a lot of radio clubs have a rough time. To announce our 10th anniversary we have sent the following press release to many other radio clubs, hobby related magazines and several radio stations.

PRESS RELEASE

August 2004

1995-2005: 10 YEARS "WORLDWIDE UTILITY NEWS"

It's hard to believe ten years have gone by since WUN was formed. Back in the 80's and early 90's utility station monitoring was mostly a solitary hobby. However, in the mid 90's, several radio hobby clubs, such as the old Speedx Club, the Benelux DX-Club and others worldwide, began to have regular utility related columns.

With access to the internet growing, and the continued loss of clubs such as Speedx, the idea was hatched that a "paperless" internet club dedicated to HF utility stations in all modes would promote the rapid exchange of information. The worldwide UTE News Club "WUN" was born in January 1995 and we issued our first newsletter in February 1995. Originally WUN also produced a paper edition newsletter.

We took off with six editors; Rick "RD" Baker who edited the Logs

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Column; Tony Orr wrote the International Civil Aero column; Jim Navary edited the Nautical News and QSL Report columns; Mike Wolfson took care of Government & Other SSB News; Jim Pogue was editor of the WUN Military Column while Dutchman Ary Boender wrote the Digital Review and Numbers & Oddities. Jason Berri was and still is WUN's webmaster while Tim Braun was responsible for the paper edition of the WUN newsletter. Our Canadian friend, Joel Bedard, became the first Listserver Administrator. During the past 10 years over 50(!) people have been active as editor or co-editor of the various columns.

WUN was the world's first in many cases. WUN was the first "electronic" club. It was also the first club devoted to utility monitoring. We were also the first to set up a list server where members could post logs and questions.

I am proud to tell you that WUN is very much alive and kicking after 10 years. With over 1300 members in 35+ countries and well over 3000 people who are reading our newsletter each month, we are still the number one utility club in the world and we intend to continue for many years to come.....

Do you want to join WUN? Don't hesitate; go to the following website and fill in the form. <http://mailman.qth.net/mailman/listinfo/wun>

As part of the celebration, WUN will be releasing its third CD-ROM before the end of 2004. The CD covers 10 years of utility station info from all over the world. Included are all the WUN newsletters and WUN's special topics reports, many info files, sound samples and pictures as well as several radio related programs. Check the WUN website for the latest information: <http://www.wunclub.com>

Ary Boender
WUN Pesident

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- Editor: Day Watson E-mail: jdwatson@blueyonder.co.uk
- Nickname on IRC channel #monitor DayW

Hi digi WUNners

- The menu
- Aero ARINC Canaries located
- Met Copenhagen Ice Chart service cease
- New fax frequencies
- Nat Governmental Azerbaizhani station on 15737.5 khz
- Special MIXW2 decode foible

>>....Aero.....>

::: ARINC Canaries located

Thanks to Ary for pointing out this information obtained from ITU publications. He's found that ARINC Canarias is located at El Goro, next to Salinetas, S of Las Palmas on the island of Gran Canaria. 27.57N 15.24W to be precise.

The list of frequencies (/usb) is

2905.0
5589.0
6529.0
8948.0
11348.0
13303.0
17928.0
21955.0

>>....Met.....>

::: Copenhagen Ice Chart service ceases

By the time this newsletter reaches the readership this will be a fait accompli. After a year of grace brought about by political pressure in Denmark the "Transmission of the Danish Meteorological Institute's HF (OXT) Ice Charts discontinues as of January 1st 2005" as announced on the current charts.

::: New fax frequencies

1. Ary Boender asks as to "what station is using 7727.5 kHz for its weather fax transmissions?"

It is most probably Russian, or a relay station. It transmits charts from the Hydrometeorological Centre of Russia.

I have put some pics online for identification purposes:
<http://home.luna.nl/~ary/test>

Ary reports hearing this transmission on 25-28 Dec at various times reporting best reception being 26/Dec 2351 UTC - 27Dec 0032 UTC.

Klaus Betke says "Looks like Moscow Meteo, but these aviation weather charts are usually no longer transmitted on their well-known HF frequencies 10610.9 and 13885.9 kHz, but possibly they are regularly sent via their 3rd channel 4317.9 kHz, which however yields most often poor copies.

It might be a good idea to check if 7727.5 kHz is in parallel with 4317.9 kHz.

2. Klaus reports (29/Nov and again 26th Dec) that FWO (RN) Northwood seems to be using 5210 kHz as an alternate frequency to 4610 kHz when that latter frequency is subject to jamming.

Thanks for the input guys.

>>....Military.....>

>>....National Governmental.....>

::: Azerbaizhani station on 15737.5 kHz

Further to his post:
>15737 Azerb. Railways Baku, AZE (?) 1100 RTTY 50/500 end of slowly hand-keyed tfc (28Dec04)(KB)

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Klaus Betke advises that the ID tagged (?) was tentative. He goes on to say that his estimation came from a German frequency list.

"I have monitored him from time to time, but each time I got only a few mostly hand-typed letters.

Half an hour ago at 0812z [30th] he started with a regular burst pattern of about 73 Baud centred approx. 15737.5 kHz, followed by some Morse I didn't catch, then a few 50 Bd RTTY with center frequency 15737.0, then back to 15737.5, again with a very short 50 baud msg."

At 0916-0923z he managed the garbled fragment below:

Quote-----

01 260121/02BAK

Q BAKU WAM 1 'TMR 65 NP KARIZOWA WR 1315

CCCC

IZ BAKU UPR AZERB NR 65/S 30/12 10-00

C'TS

WA' NOMER NE WY'EL IZ OAO RVDX ZA PODPISX

'ZAM ICW SAPETOW'' 6) 0343\$-, ,-. 30/12 01-43

NE PRO'EL POWTORITE WNOWX

BRIG KARIZOWA

FFFF

1316

01 260121/02BAK\$

Q BAKU WAMQ GT NR 793 NP KARIZOWA WR 1317

CCCC

MPS SEBE I VBL TURKM DON VN KB' SAH

IZ BAKUP UP AZERB NR 793 30/12! 11J05

CVKXX MK DOROG RF SNG I STRAN BALTII

CMK KIEW UKRZALIZNICA

CMK ASTANA M0 (5=

OROGIE S N TWYM GODOXJBJV

NOWYM S4ASTXEM NOWYM ZDOROWXDM

NOWYMI PRETENZIQMI DLQ NOWYH WSTRE4

NAILU4'IMI VOGUOLANIQMI M'NIKI AZERB 9PA-19/46

M KASENWEWA

H

FFFF

WR 1320-PNWX PQWQPWBAK\$

unquote.

In addition, thanks to friends at MonterialLC, the following notes indicating nothing seen here to confirm or refute the id, other than it is 99% likely Azerbaizhani.

"Refs here for cities, and in particular, the following sentence caught my attention:

MK DOROG RF SNG I STRAN BALTII

Not sure about the abbreviation MK, but "DOROG" (Doroga) is road ("Zheleznaya Doroga" is railroad...could be either a highway or railway here...need more info). The rest reads as follows:

Roads (Dorog) of the Russian Federation (RF), CIS (SNG), and Baltic Countries (Stran Baltii)."

Subsequently came the thoughts:

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"MK probably means "Mezhdu Kontinental'niy" or Intercontinental...so, MK DOROG would be Intercontinental Highway (or Railway)."

The signal is reversed (High tone = Mark)- it can sit on either Mark or Space tone whilst idling. The RTTY seems to be using 3SC coding rather than ITA2 - difficult to copy under poor conditions, and the wide use of manual operation of the keyboard. Maybe someone nearer Azerbaizhan might capture a cleaner copy for further analysis.

In the meantime thanks to the guys above for the input.

>>....Special.....>

::: MIXW2 decode foible

Salvo raised an interesting point. Do HOKA decoders resolve the German EFR transmissions on

129.1 kHz DCF49 Maingflingen (Nr Frankfurt/Main)

139.0 kHz DCF39 Burg (Nr Magdeburg)

as does MIXW2?

The answer is no. Not because this is a problem but because MIXW2 seems to do some further interpretation of the recovered data and it is not possible to inhibit this further interpretation. It equates to having a SYNOP facility on a decoder to produce user friendly data on screen from WMO SYNOP(AAXX)/SHIP(BBXX) formats; and not being able to inhibit it.

First a sample of what MIXW2 produces. To receive this the MIXW2 RTTY module is used, but the mode settings need to be set as follows:

Shift 340Hz

Baud 200

Code set ASCII 8bit Even Parity (not English(Capitals) ie ITA2)

{sample}

h

h x è ' - ¢

DCF39/49 telegram #13: Thi, 23/12/2004, 21:39:58 winter time, diff =
-01:00:00

h hşéékÀµh hşéékÀµh hşéékÀµh <<<<

h ç P (-

DCF39/49 telegram #14: Thi, 23/12/2004, 21:40:20 winter time, diff =
h

h ÷ | (- w

DCF39/49 telegram #15: Thi, 23/12/2004, 21:40:31 winter time, diff =
-01:00:00

h

h " (- "

DCF39/49 telegram #0: Thi, 23/12/2004, 21:40:42 winter time, diff =
-01:00:00

h

h ô (- ï

DCF39/49 telegram #1: Thi, 23/12/2004, 21:40:53 winter time, diff =
-01:00:00

h h · é é k À µ h h · é é k À µ h h · é é k À µ h <<<<

h ' P) - \

DCF39/49 telegram #2: Thi, 23/12/2004, 21:41:20 winter time, diff =
-01:00:00

h

h 7 |) - ~

DCF39/49 telegram #3: Thi, 23/12/2004, 21:41:31 winter time, diff =
-01:00:00

```
{sample end}
```

It should be noted that each burst is a string of 8bit data characters which can be interpreted to show the Extended ASCII table (256 characters against the usual 128 standard ASCII table). Since the system is used to be interpreted in real life as bit formatted field one is presented with an ASCII decoder as apparent "gibberish".

However three characters as constant in the burst. Bytes
 Bytes 1 and 4 Hex 68 or appearing as lowercase "h"
 Last byte Hex 16. This in ASCII is a non printable control character SYN - how decoders show or don't show these control characters in a data stream is down to the individual decoder.

In the above one generally sees a pair of "h" separated by a CR/LF replacing the two length bytes.

This is followed by Salvo's "decode" - in fact this is a time stamp produced by MIXW2 alone making use of the clock update which Klaus reports in his .pdf file as "Usually clock updates rather than immediate switching commands are transmitted". A switching command is shown above annotated with "<<<<". This insertion is probably enabled when one changes the codeset to ASCII8 Even Parity, and the MIXW2 formulates the readable string from the clock update when detected.

Note that the timestamp string IDs the station as DCF39/49. This is a constant label since the decoder cannot obtain two IDs from one frequency. In fact the ID is sent every 15 mins and only shows the ID pertaining to that frequency. In this case DCF49 for 129.1 kHz (see following sample) and since it is not a clock update no timestamp immediately follows.

```
{sample}
h
```

```
h7t;-ç
DCF39/49 telegram #3: Thi, 23/12/2004, 21:59:29 winter time, diff =
-01:00:00h'ÿÿDCF49h'ÿÿDCF49h'ÿÿDCF49h'ÿÿDCF49_h
```

```
hGÈ;-
DCF39/49 telegram #4: Thi, 23/12/2004, 21:59:50 winter time, diff =
-01:00:00
hh÷ff,eKİL#ð0õh
```

```
hw-
DCF39/49 telegram #5: Thi, 23/12/2004, 22:00:03 winter time, diff =
-01:00:00
hh÷ff,eKİL#ð0õhh÷ff,eKİL#ð0õh
```

```
{sample end}
```

Runs of timestamps appear every 11 seconds. The telegram # starts at 0 from the start of decoding and cycles through 15 before repeating. Final observation. Why use timestamp labelling in English when this system is a German domestic one? - ie only the numbers are being extracted from the data bursts.

Thanks guys - interesting problem.

```
>>....Signoff.....>
```

Wishing you all the very best in 2005 Regards Day

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DR Column Index for 2004
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WUN Government and Military Frequency/Designation List
 Compiled by Larry Van Horn, N5FPW
 Brasstown, NC USA, larry@grove-ent.com

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From my family to yours, I hope you all have a great
 New Year in 2005.

2004 Column Contributors (and I sincerely thank each and everyone of you
 who take the time to add to this list): Samuel Cassio, M.J. Cleary,
 Christopher Corley, Leif Dehio, Jeff Haverlah, Kristian K., Peter
 Martinez G3PLX), Jack Metcalfe, Ron Perron, Thomas M. Rusner, Vince
 (Pizza Waves) and John Volpato and your column editor.

Last Revision: 23 December 2004

Legend:

AB Air Base
 ACC Air Combat Command (U.S. Air Force)
 ACP Allied Communications Publication
 AFB Air Force Base
 AFETR Air Force Eastern Test Range
 ALE Automatic Link Establishment
 AMC Air Mobility Command (U.S. Air Force)
 AMCC Air Mobility Command Center
 ASW Anti-Submarine Warfare
 ASWOC Anti-Submarine Warfare (ASW) Operations Center
 C2 Command and Control
 CNCS Centralized Net Control Station
 EAM Emergency Action Message
 GCCS Global Command and Control)changed to GHFS, now known as HF-GCS)
 GHFS Global HF System (now known as HF-GCS)
 HF High Frequency
 HF-GCS High Frequency Global Communications System
 HICOM High Command
 JCS Joints Chief of Staff (U.S. Department of Defense)
 LANT Atlantic
 LSB Lower Sideband
 MARS Military Affiliate Radio System
 MF Moved From
 NAS Naval Air Station
 NS Naval Station
 PAC Pacific
 RTTY Radioteletype
 SAC Strategic Air Command (replaced by U.S. Air Force ACC/AMC)
 SIOP Single Integrated Operational Plan
 SSB Single Sideband
 Supp Supplement
 TACAMO Take Charge and Move Out (US Navy aircraft)
 TSC Tactical Support Center (US Navy)
 U.S. United States
 USAF U.S. Air Force
 USB Upper Sideband
 USN U.S. Navy
 USSTRATCOM U.S. Strategic Command
 UTRACC U.S. Air Force Europe Tanker Recce Airlift Control Center
 VP U.S. Navy designation for a patrol squadron

 =====
 UNITED STATES MILITARY LISTINGS

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 *Department of Defense Joints Chief of Staff Nets
 =====

 High Frequency Global Communications System (HF-GCS)
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The U.S. Air Force High Frequency (HF) Global Communications System (HF-GCS) is a worldwide network that currently consist of 15 high-power HF stations which provide air/ground HF command and control radio communications between all Department of Defense (DoD) ground agencies, aircraft and ships. Allied military and other aircraft are also provided support in accordance with agreements and international protocols as appropriate. The HF-GCS is not dedicated to any service or command, but supports all authorized users on a traffic precedence basis.

On Jun 1, 1992, the former Global HF System (GHFS) was created by consolidating other U.S. Air Force (USAF) and U.S. Navy (USN) HF networks, including the USAF Global Command and Control System (GCCS), the Navy's Ship-to-Shore High Command (HICOM) network, and the dedicated

Strategic Air Command (SAC) Giant Talk System. The goal of the merger was to develop one worldwide non-dedicated HF network capable of providing Command and Control (C2) HF communications support to all authorized DoD aircraft and ground stations. As of 1 October 2002, the former GHFS network is now known as the HF Global Communications System (HF-GCS).

The old high power HF equipment being utilized within the HF-GCS has now been replaced with "Scope Command" equipment. Scope Command incorporates Automatic Link Establishment (ALE) technology for use over HF. Scope Command is not the name for this network as some have indicated in the past post to the WUN and other newsgroups. It is the name of the equipment upgrade being done to the network. In January 2003, all HF-GCS station transmit and receive equipment is remotely controlled from the Centralized Net Control Station (CNCS) at Andrews AFB, Maryland.

This ALE technology automates many of the functions performed by the operator such as selecting the best propagating frequency from a list of authorized frequencies.

Net Procedures

General Calling - Aircrews use a call sign as outlined in ACP-121 US Supp 2 using the collective call sign "MAINSAIL" or the HF-GCS station call sign (example: Sigonella Global this is Dark 86 on 11175, OVER). HF-GCS operators require approximately 10 seconds (for automated equipment configuration) to respond to calls for service. The HF-GCS operator can request that the aircraft change to a discrete frequency for improved and/or extended service.

Phone Patch Service - Phone patching allows direct voice communications between ground agencies and aircraft by electronically connecting telephone circuits to radio transmitters and receivers. The HF-GCS phone patch service is reserved for official unclassified business and a patch shouldn't exceed five minutes. Patches of more than five minutes or of a sensitive nature are normally run on a discrete frequency. Aircrews requesting a phone patch pass along all information necessary for HF-GCS operators to complete the call, such as the identity or location of the called parties and telephone number, if known. Phone patches are monitored by HF-GCS operators and if radio reception isn't of sufficient quality to complete the patch, they will attempt to copy the traffic and relay it to addressees for the unit making the patch.

Message Relay Service - HF-GCS operators transcribe encoded or plain-text messages for aircraft or ground stations and forward them to the addresses by radio or landline. The text of the messages can be in the form of alphanumerics, code words, plain text, acronyms, and/or numerical sequences. Aircrews may use "READ BACK" procedures when the message data is critical, or when an incomplete transmission is suspected due to poor radio reception. All messages received by Global stations will be accepted and delivered by the fastest means available according to precedence and priority.

Published Frequency Listing - HF-GCS stations operate on "core" or published frequencies to provide increased "Global" coverage. The published frequency listing does not reflect complete system frequency authorizations. These published frequencies are used for initial contact, EAM broadcasts, and short term C2 phone patch and message delivery. Other extended or special services will be moved to each station's available pool of "discrete" frequencies. Any and all known discrete frequencies for these stations have been incorporated into our list below in the HF-GCS station listings.

Frequency Guide - The frequency guide below is used by units contacting this net and is designed to optimize their air/ground communications.

8992.0	11175.0	Primary Frequencies	24 hours
13200.0	15016.0	Back up Frequencies	Daytime
4724.0	6739.0	Back up Frequencies	Nighttime

Commonly heard callsigns

BRICKWALL Osan Air Mobility Control Center (AMCC)
 DENALI Elmendorf Air Mobility Control Center (AMCC)
 HILDA GLOBAL Tanker Airlift Control Center Scott AFB
 MAINSAIL Authorized users may contact and request service from Global HF
 HF System stations by using the general net air-ground call sign "MAINSAIL". Any Global station hearing the call "MAINSAIL" will respond and provide the requested service.
 S4JG A universal Navy call sign assigned to Patrol Squadrons (VP) for use in radio checks. Instead of using the briefed, tactical call sign, the Navigation/Communications operator on the P-3C Orion aircraft would use S4JG on voice and also teletype to get a communications check with a Tactical Support Center (TSC), HF-GCS station or Anti-Submarine Warfare (ASW) Operations Center (ASWOC). In theory by using S4JG, the tactical call sign is less likely to be compromised.
 SKYBIRD The collective call sign for all U.S. Strategic Command (USSTRATCOM) command posts, launch control centers, Global HF stations, Air Traffic Control (ATC) towers on Air Combat Command (ACC)/Air Mobility Command (AMC) host tenant bases, Single Sideband (SSB) HF radio stations, and air defense sites in Canada.
 SKYKING The collective call sign for all Single Integrated Operational Plan (SIOP) committed aircraft and missile crews. Its meaning is "all SIOP committed aircraft and missile crews copy the following message."
 SKYMASTER The collective callsign to all USSTRATCOM airborne command post.
 TRACKER US Air Force Europe Tanker Recce Airlift Control Center (UTRACC)

The current station list for the HC-GCS net is as follows:

Andersen AB, Guam (Voice call Guam Global)
 Summer: 4724.0 (1300-2000Z) 6739.0 (1100-2000Z) 13200.0 (2000-1300Z)
 15016.0 (2000-1100Z)
 Winter: 4724.0 (1200-2030Z) 6739.0 (1000-2030Z) 13200.0 (2030-1200Z)
 15016.0 (2030-1000Z)
 Year round/24 hours: 8992.0 11175.0

Andrews AFB, Maryland (Voice call Andrews Global) HC-GCS CNCS
 Summer: 4724.0 (0430-0930Z) 6712.0 (0230-0930Z) 13200.0 (0930-0230Z)
 15016.0 (0930-0230Z)
 Winter: 4724.0 (0200-1230Z) 6712.0 (2400-1230Z) 13200.0 (1230-0200Z)
 15016.0 (1230-2400Z)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 8058.0 11053.0 11159.0 11181.0 11214.0
 11220.0 13960.0 14863.0 18015.0

Ascension Island (Voice call Ascension Global)
 Year round: 4724.0 (2400-0700Z) 6739.0 (1900-2400Z) 8992.0 (24 hrs)
 11175.0 (24 hrs) 15016.0 (0700-1900Z)
 Discrete Frequencies: 9043.0 11159.0 11226.0 14497.0

Croughton AB, United Kingdom (Voice call Croughton Global)
 Summer: 4724.0 (2230-0400Z) 6712.0 (2230-0400Z) 13200.0 (0400-2230Z)
 15016.0 (0400-2230Z)
 Winter: 4724.0 (1800-0800Z) 6712.0 (1800-0800Z) 13200.0 (0800-1800Z)
 15016.0 (0800-1800Z)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 4894.0 5708.0 5117.0 6728.0 6731.0 6993.0
 7567.0 7933.0 8032.0 9025.0 10648.0 11118.0 11129.0
 11180.0 11181.0 11220.0 11226.0 11232.0 11271.0 13822.0
 15042.0 15091.0

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Diego Garcia NS, Indian Ocean (Voice call Diego Garcia Global)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 9012.0 11181.0 11226.0 11244.0 11269.0
 13254.0 15095.0 20910.0

Elmendorf AFB, Alaska (Voice call Elmendorf Global)
 Summer: 4724.0 (1000-1300Z) 6739.0 (0800-1400Z) 13200.0 (1300-1000Z)
 15016.0 (1400-0800Z)
 Winter: 4724.0 (0230-1900Z) 6739.0 (0030-2130Z) 13200.0 (1900-0230Z)
 15016.0 (2130-0030Z)
 Year Round/24 hours: 8992.0 11175.0

Hickam AFB, Hawaii (Voice call Hickam Global)
 Summer: 4724.0 (1000-1600Z) 6739.0 (0500-1000Z) 15016.0 (1600-0500Z)
 Winter: 4724.0 (0800-1700Z) 6739.0 (0400-0800Z) 15016.0 (1700-0400Z)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 11181.0 13242.0

Keflavik NAS, Iceland
 Summer: 4724 (2200-0530Z) 6739.0 (2200-0730Z) 13200.0 (0530-2200Z)
 15016.0 (0730-2200Z)
 Winter: 4724.0 (2000-0800Z) 6739.0 (2000-1000Z) 13200.0 (0800-2000Z)
 15016.0 (1000-2000Z)
 Year round/24 hours: 8992.0 11175.0

Lajes AB, Azores (Voice call Lajes Global)
 Summer: 4724.0 (2230-0400Z) 15016.0 (0400-2230Z)
 Winter: 4724.0 (1800-0800Z) 15016.0 (0800-1800Z)
 Year round/24 hours: 8992.0 11175.0 13200.0
 Discrete Frequencies: 11220.0 13440.0 14896.0 23265.0

McClellan, California (Voice call McClellan Global)
 Summer: 4724.0 (0730-1300Z) 6739.0 (0530-1300Z) 13200.0 (1300-0730Z)
 15016.0 (1300-0530Z)
 Winter: 4724.0 (0500-1530Z) 6739.0 (0300-1530Z) 13200.0 (1530-0500Z)
 15016.0 (1530-0300Z)
 Year round/24 hours: 8992.0 11175.0

Offutt AFB, Nebraska (Voice call Offutt Global)
 Summer: 4724.0 (0600-1100Z) 6739.0 (0400-1100Z) 13200.0 (1100-0600Z)
 15016.0 (1100-0400Z)
 Winter: 4724.0 (0300-1400Z) 6739.0 (0100-1400Z) 13200.0 (1400-0300Z)
 15016.0 (1400-0100Z)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequency: 10589.0 11053.0 11159.0 11181.0 12087.0

Salinas, Puerto Rico (Voice call Puerto Rico Global)
 Summer: 4724.0 (0300-1000Z) 6739.0 (0100-1000Z) 13200.0 (1000-0300Z)
 15016.0 (1000-0100Z)
 Winter: 4724.0 (0200-1100Z) 6739.0 (2400-1100Z) 13200.0 (1100-0200Z)
 15016.0 (1100-2400Z)
 Year round/24 hours: 8992.0 11175.0
 Discrete Frequencies: 7690.0 9006.0 10648.0 11056.0 11220.0 11484.0
 15087.0

Sigonella NS, Sicily, Italy (Voice call Sigonella Global)
 Summer: 4724.0 (2230-0400Z) 15016.0 (0400-2230Z)
 Winter: 4724.0 (1800-0800Z) 15016.0 (0800-1800Z)
 Year round/24 hours: 6739.0 8992.0 11175.0 13200.0

Thule AB, Greenland (Voice call Thule Global)
 Year round/24 hours: 8992.0 11175.0 13200.0 15016.0
 Discrete: 11181.0 13215.0

Yokota AB, Japan (Voice call Yokota Global)
 Summer: 4724.0 (1200-1930Z) 6739.0 (1000-2130Z) 13200.0 (1930-1200Z)
 15016.0 (2130-1000Z)
 Winter: 4724.0 (0930-2200Z) 6739.0 (0730-2400Z) 13200.0 (2200-0930Z)

15016.0 (2400-0730z)
Year round/24 hours: 8992.0 11175.0

Notes:

1. Summer schedules run from April-September. Winter schedules run from October-March
2. The Air Force Eastern Test Range (AFETR) HF Network may be used as a backup to GLOBAL. The net can be contacted on 10780.0 kHz/USB (primary) and 20390.0/USB kHz (secondary) using the call sign of CAPE RADIO. Another backup to the HF-GCS is profiled below in the US Air Force MARS section.

DoD Emergency Action Message (EAM) Broadcast Time Slots

These broadcast are commonly heard on HF-GCS primary frequencies plus 11244.0 kHz. Please note that not all HF-GCS published frequencies are active for every EAM broadcast time slot listed below. Also some of the activity listed below is not on HF-GCS published frequencies, but on other selected discrete frequencies.

For an in-depth discussion on what an EAM is, see the utility information file on the WUN website at URL:
<http://www.wunclub.com/files/eam.html>

There was an apparent major change to the restoral schedule noted below as of 1 Oct 2004 (beginning of the new U.S. Government fiscal year).

H+00	HF-GCS Offutt AFB, Nebraska
H+03	HF-GCS Offutt AFB, Nebraska
H+06*	USN E-6 TACAMO LANT aircraft (6697/11244/13155)
H+07	USN E-6 TACAMO LANT aircraft (6697/13155)
H+10*	USN E-6 TACAMO LANT aircraft (6697/11244/13155)
H+12	HF-GCS Andrews AFB, Maryland
H+20	USN E-6 TACAMO PAC aircraft (6697/13155)
H+21*	HF-GCS Offutt AFB, Nebraska
H+25	HF-GCS Offutt AFB, Nebraska
H+31	HF-GCS Offutt AFB, Nebraska
H+33	HF-GCS Offutt AFB, Nebraska
H+35*	HF-GCS McClellan, California (11244)
H+37*	USN E-6 TACAMO LANT aircraft (6697/13155)
H+39	HF-GCS Offutt AFB, Nebraska
H+40*	USN E-6 TACAMO LANT aircraft (6697/13155)
H+50	USN E-6 TACAMO PAC aircraft (6697/13155)
H+53	HF-GCS Offutt AFB, Nebraska
H+59	HF-GCS Andrews AFB, Maryland

Current as of 24 June 2004

H+00	HF-GCS Offutt AFB, Nebraska
H+05	HF-GCS Andersen AB, Guam
	HF-GCS Croughton AB, United Kingdom
H+07	USN E-6 TACAMO LANT aircraft (6697.0/13155.0 kHz)
H+08	USN E-6 TACAMO aircraft HF-GCS six character EAMs "FOR..."
H+09	HF-GCS McClellan, California
H+14	USN E-6 TACAMO PAC aircraft (6697.0/13155.0 kHz)
H+20	HF-GCS Salinas, Puerto Rico
H+21	New: HF-GCS Offutt AFB, Nebraska
	Old: HF-GCS Elmendorf AFB, Alaska
H+25	USSTRATCOM Looking Glass mission aircraft
H+29	HF-GCS Sigonella Naval Station, Sicily
H+30	HF-GCS Andrews AFB, Maryland
H+34	HF-GCS Hickam AFB, Hawaii
H+35	HF-GCS Croughton AB, United Kingdom
H+37	USN E-6 TACAMO LANT aircraft (6697.0/13155.0 kHz)
H+38	USN E-6 TACAMO aircraft HF-GCS six character EAMs "FOR..."
H+40	HF-GCS Elmendorf AFB, Alaska
H+44	USN E-6 TACAMO PAC aircraft (6697.0/13155.0 kHz)
H+46	Unknown station
H+49	HF-GCS McClellan, California
H+50	HF-GCS Lajes AB, Azores

H+55 USSTRATCOM Looking Glass mission aircraft
 H+59 HF-GCS Sigonella Naval Station, Sicily

Earlier examples of this broadcast schedule can be seen in the various 1980s editions of the Grove Shortwave Directories (usually on page 5 for those that still have them) - Those minute stamps were also used for the then common "standing by for traffic" calls heard from the various GIANT TALK ground stations operating under their pre-92 daily changing call sign aliases.]

The FOXTROT (SKYKING) messages are also common, or at least they used to be. You should generally hear more than two over any 24 hour period. Of interest, the preface to the FOXTROT broadcasts that would name the echoing ground stations have not been heard (here) since maybe sometime in April 2003 (around the end of major combat in Iraq.) I've heard no instance of a request to DIEGO GARCIA or THULE or anyone else since around that time, just the occasional FOXTROT broadcast from ANDREWS or whoever. They dropped the DECENT, ENLIST, FAIRLY, EYESTRAIN, DEFROSTER echo requests sometime around Sept 2001 (maybe) to be replaced with plaintext station names (THULE, DIEGO GARCIA, CYPRUS FLIGHT WATCH) after 9/11, and now since around April 2003 maybe nothing.

Busiest frequencies are 8992.0 ("Eight-Niner") and 11175.0 ("Triple-1"), which most stations guard around the clock. The others operate on a schedule which changes twice yearly, on the first of April and October. The upper sideband (USB) mode is used on all HF-GCS frequencies listed above.

Note: The data signal you will on 9025.0 kHz is ALE which is a computerized system that simplifies HF operation (see section below). Older frequency circulated on the internet continue to list 8968.0 and 17976.0 kHz, but these were removed from HF-GCS service several years ago.

HF-GCS Scope Command HF ALE Network

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HF-GCS ALE Network frequencies (USB/ALE): 3137.0 4721.0 5708.0
 6721.0 9025.0 11226.0 13215.0 15043.0 18003.0 23337.0

The ALE system used by the JCS HF-GCS network is designated MIL-STD-188-141A. You can download a software program developed by Dr. Charles Brain to decode these digital transmissions at the following URL: <http://www.chbrain.dircon.co.uk/>.

ALE allows automated ground agency contact by selecting the best station and best frequency without operator interaction. ALE radios make this possible by using a datafill that contains frequency, station and other pertinent information. For ALE radios to operate properly, the radio must have a loaded datafill, be turned on in the "automatic" mode and remain there the duration of the flight. If the radio is removed from the ALE mode, history tables will require time to rebuild and initial communications may be slightly degraded.

Net participating stations, identifiers and specific frequency assignments used in the HF-GCS ALE net:

ADW Andrews AFB, MD USA
 3137 4721 5708 6721 9025 11226 13215 15043 18003 23337
 AED Elmendorf AFB, AK USA
 3137 4721 5708 6721 9025 11226 13215 15043 18003 23337
 CRO RAF Croughton, UK
 3137 4721 6721 9025 11226 13215 15043 18003 23337
 GUA Andersen AFB, Guam
 3137 4721 5708 6721 9025 11226 13215 15043 18003 23337
 HAW Ascension Island
 3137 4721 6721 9025 11226 13215 15043 18003 23337
 HIK Hickam AFB, Hawaii
 3137 4721 6721 9025 11226 13215 15043 18003 23337

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ICZ Sigonella, Sicily Italy
3137 4721 5708 6721 9025 11226 13215 15043 18003
IKF NAS Keflavik, Iceland
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337
JDG NSF Diego Garcia
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337
JNR Salinas, Puerto Rico
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337
JTY Yokota AB, Japan
3137 4721 6721 9025 11226 13215 15043 18003
MCC McClellan, CA USA
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337
MPA RAF Port Stanley, Falkland Island(South Atlantic)
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337
OFF Offutt AFB, NE USA
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337
PLA Lajes AB, Azores
3137 4721 5708 6721 9025 11226 13215 15043 18003 23337

Selected non HF-GCS stations observed in this net:

CEF 439AW, Westover AFB, MA
GVT Raytheon, Greenville, TX
OKC Oklahoma City (Tinker AFB), OK
RIC CAP Region 2 MER/CAP National Technology Center, Richmond, VA
RSC Rockwell Scope Command Facility, Greenville, TX
TAG Incirlik AB, Turkey (HF-GCS Facility Closed)
WRL Warner-Robins AFB, GA

Preset telephone number codes imbedded in Scope Command ALE command lines:

PCHS Charleston Command Post
PDOV Dover AMCC
PERT Rota
PMET Hilda Metro
PPLA Lajes AB
PTAE Hilda East
PTAR Ramstein AB
PTAW Hilda West
PWRI McGuire AFB

NIPR/SIPR HF ALE Network

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Courtesy of Ron Perron and Christopher Corley

SIPR (Secret Internet Protocol Router) Network Frequencies
(USB/ALE): 3113.0 5702.0 6715.0 8968.0 11181.0 17976.0 27870.0

SIPR Gateway/Frequency Matrix:

ADWSPR Andrews AFB, Maryland
3113.0 5702.0 6715.0 8968.0 11181.0 17976.0 27870.0
CROSPR Croughton AB, United Kingdom
5702.0 6715.0 8968.0 11181.0 17976.0 27870.0
HAWSPR Ascension Island
8965.0 11181.0 17976.0
ICZSPR Sigonella AB, Sicily, Italy
5702.0 6715.0 8968.0 11181.0 17976.0
IKFSPR NS/NAS Keflavik, Iceland
11181.0 17976.0
JDGSPR Diego Garcia, Indian Ocean
11181.0 27870.0
JNRSPR Salinas, Puerto Rico
3113.0 6715.0 8968.0 11181.0 17976.0
MCCSPR McClellan, California
5702.0 6715.0 11181.0
OFFSPR Offutt AFB, Nebraska
3113.0 5702.0 6715.0 8968.0 11181.0 17976.0
PLASPR Lajes AB, Azores

5702.0 6715.0

NIPR (Non-Secure Internet Protocol Router) Network Frequencies
(USB/ALE): 3068.0 4745.0 5684.0 8965.0 11199.0 13242.0 17973.0
20631.0

NIPR Gateway/Frequency Matrix:

ADWNPR Andrews AFB, Maryland
3068.0 4745.0 8965.0 11199.0 13242.0 17973.0 20631.0
CRONPR Croughton AB, United Kingdom
17973.0
MCCNPR McClellan, California
5684.0 8965.0 13242.0 17973.0
OFFNPR Offutt AFB, Nebraska
5684.0 8965.0 11199.0 13242.0 17973.0 20631.0

MYSTIC STAR Network

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This is a worldwide communications system, operated and maintained by elements of the United States Army, United States Navy, and United States Air Force under the control of the Defense Information Systems Agency (DISA) Operations Center. Its network provides worldwide communications by directly controlling radio equipment located at Global HF system stations. It consists of ultra high frequency satellite and HF networks supporting Presidential, special air mission, Joint Staff, VIP (very important persons) and command airborne missions. The Mystic Star HF network consists of: a single master net control station (MNCS) located at Andrews AFB Maryland, interstation and intersite circuits, and relay and auxiliary communications subsystems. (Source Air Force Instruction 33-106)

Column Note: We have seen less and less monitor reports on this system over the last few years. It is widely believed that encryption is the reason for this decline in traffic.

Frequency/Designator Matrix (USB/LSB/Encryption)

F003	8036.0 (1)	F005	9120.0 (3)	F007	4850.0	F009	17972.0
F020	16117.0 (1)	F033	15962.0	F039	10881.0	F046	13823.0
F054	8058.0 (9)	F058	4742.0 (6)	F061	23265.0 (2)	F063	14870.0
F064	11214.0 (3)	F066	15036.0	F077	Unknown	F078	18532.0
F080	15677.0	F084	13205.5	F085	6993.0	F086	9461.0
F089	13204.0 (1)	F090	6716.0	F094	9017.0 (2)	F098	14585.0
F099	13247.0 (0)	F101	12106.0 (6)	F102	11118.0 (2)	F103	11488.0 (6)
F107	Unknown (8)	F108	7316.0	F114	6986.0 (6)	F117	6993.0 (8)
F124	11217.0 (6)	F126	12087.0 (2)	F128	23242.0	F134	4942.5
F136	5429.5 (7)	F146	9027.0 (1)	F153	8063.0 (6)	F171	18403.5 (9)
F173	14420.5	F174	20650.0	F182	3078.0 (6)	F184	10648.0 (8)
F186	3046.0	F194	13825.0 (5)	F195	20631.0	F197	4982.0 (6)
F202	16014.0 (5)	F204	12057.0	F211	11056.0 (7)	F213	Unknown
F220	11181.0	F226	5435.5 (6)	F228	7735.0 (5)	F229	Unknown (8)
F236	15041.0 (9)	F240	Unknown (8)	F243	18590.0	F248	5398.0 (5)
F249	4731.0	F250	15091.0 (2)	F251	13217.0 (1)	F262	10717.0
F264	7693.0 (6)	F265	15733.0 (1)	F266	7997.0 (6)	F267	6730.0 (2)
F268	7325.0 (2)	F271	18320.0	F277	11153.0 (1)	F287	11226.0 (2)
F290	8026.0 (2)	F291	13960.0 (1)	F292	9414.5	F295	11460.0 (3)
F300	15707.0 (0)	F301	7500.5 (2)	F302	Unknown	F310	Unknown
F311	11220.0 (3)	F322	Unknown	F326	14864.0	F327	18716.0
F337	18761.0	F341	16083.0	F350	5043.0	F351	Unknown (9)
F354	11053.0 (2)	F356	7827.0	F360	7919.5 (8)	F363	15018.0 (7)
F365	11059.0 (1)	F369	20397.0 (8)	F370	17177.0	F372	16123.0 (8)
F380	3144.0 (5)	F382	15094.0 (6)	F395	9057.0 (1)	F400	6728.0 (5)
F404	7690.0 (2)	F405	6972.0	F406	18393.0 (6)	F417	4992.0
F419	11407.0 (5)	F420	7933.0 (7)	F432	6731.0 (8)	F433	20972.0
F435	3821.0	F437	5684.0 (6)	F441	17440.0 (1)	F444	19267.0
F448	16-18 MHz	F451	13248.0 (9)	F452	5026.0	F453	19063.0
F461	13211.0 (1)	F463	4610.0 (1)	F464	16157.0	F465	8040.0 (0)
F466	14864.5 (0)	F467	9023.0 (3)	F476	4-6 MHz	F481	7605.0
F483	18626.0	F486	5152.0 (9)	F487	24483.0	F489	5437.0 (7)

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F496	11059.5	(2)	F497	5411.0	(7)	F498	8032.0	(1)	F499	4442.0	(0)	
F500	8989.0	(6)	F505	9006.0	(2)	F515	Unknown	(2)	F516	4645.0	(6)	
F517	9270.0	(6)	F521	11484.0	(2)	F522	11232.0	(2)	F523	9215.0	(9)	
F529	8077.0	(7)	F530	23325.0		F533	18675.0	(6)	F538	Unknown		
F540	5404.5		F541	Unknown	(2)	F542	5431.0	(6)	F543	8083.0		
F545	10580.0		F546	18400.0		F551	18331.0	(6)	F555	4894.0	(6)	
F561	11052.0	(6)	F567	13565.0	(6)	F569	18387.0		F574	11413.0	(6)	
F575	10427.0		F576	11153.5	(2)	F577	10544.0	(7)	F579	Unk	11 MHz	
F595	10877.0		F600	13878.0	(6)	F611	14863.0		F614	4488.8	(8)	
F616	9320.0	(2)	F622	5817.0		F623	18317.0		F624	13241.0	(1)	
F626	19343.0		F627	7910.0	(5)	F631	18755.0	(5)	F633	18290.0	(1)	
F639	7469.0		F642	18218.0	(2)	F644	15821.0	(5)	F646	13440.0	(2)	
F649	8053.0	(6)	F655	11053.0		F662	15048.0	(6)	F664	15	MHz	
F667	6817.0	(7)	F673	3064.0		F677	6	MHz	F690	3032.0		
F700	4490.0		F701	11058.0	(7)	F702	9323.0	(6)	F703	9991.5	(6)	
F706	8057.0	(5)	F707	10589.0	(2)	F708	23377.0		F709	9317.0	(7)	
F710	4458.0		F713	16246.0	(5)	F717	10883.0		F722	12270.0	(9)	
F723	18323.0	(6)	F728	11236.0	(5)	F731	6683.0	(1)	F732	15011.0	(7)	
F734	4757.0	(7)	F736	11494.0	(8)	F741	7873.0		F748	6756.0	(5)	
F749	15-16	MHz	F752	8047.0	(2)	F754	11627.0		F758	4452.0	(8)	
F777	3113.0	(6)	F778	18023.0	(8)	F784	9043.0	(6)	F785	15687.0	(6)	
F790	16323.0		F793	Unknown	(0)	F800	Unknown	(2)	F803	5078.0?		
F807	12103.0?		F809	5700.0	(5)	F814	6989.0	(7)	F821	Unknown		
F823	11229.0	(1)	F825	19047.0?		F832	18267.0		F843	Unk	6 MHz	
F845	6-7	MHz	F846	13822.0	(5)	F853	12	MHz	(0)	F864	16008.0	(2)
F867	6830.0	(7)	F868	9218.0	(6)	F869	16090.0		F873	13248.0		
F874	13246.0?		F875	6717.0	(1)	F877	4721.0	(7)	F885	13207.0	(5)	
F891	11053.5		F895	5710.0	(9)	F904	10202.0	(0)	F906	4524.0		
F909	7687.0	(8)	F910	19671.0	(9)	F912	7330.0		F915	12107.0		
F917	10205.0	(6)	F918	13482.0		F919	11159.0	(2)	F920	7927.0	(2)	
F924	16317.0		F932	Unknown	(2)	F933	Unknown		F935	7922.5		
F937	Unknown		F940	11445.0	(0)	F943	19002.0	(6)	F948	15038.0	(6)	
F952	Unknown		F956	Unknown		F957	6761.0	(0)	F965	11466.0	(2)	
F974	10586.0	(6)	F975	Unk	11 MHz	F980	15724.0		F982	9,13	MHz	
F987	10583.0	(6)	F988	4763.0		F997	15667.0					

Legend:

- (7) Confirmed 1997
- (8) Confirmed 1998
- (9) Confirmed 1999
- (0) Confirmed 2000
- (1) Confirmed 2001
- (2) Confirmed 2002
- (3) Confirmed 2003

Frequencies 4441.0, 6671.0, 8260.0, 18801.0 and 25363.0 has been heard carrying "Mystic Star" traffic, but no designator is known. Designator F171 and signals associated with this net have been monitored on 18397.4 vice the 18403.5 we have listed above.

=====
 *United States Strategic Command (USSTRATCOM)
 =====

HF "Zulu" Airborne Command Post Net

=====
 During a recent intercept after the first of the new U.S. government fiscal year (1 Oct 2004), Ron Perron intercepted communications on the HF-GCS system which indicated that there have been changes to the Zulu Net. It is unknown at this time whether frequencies and designators have changed or just designators. Reports are welcomed by those that monitor this system.

Frequency/Designator Matrix (USB)

Z100	3068.0	(9)	Z105	3116.0	(2)	Z110	3134.0?	(8)
Z115	3143.0	(9)	Z120	3295.0	(2)	Z124	Unknown	
Z125	4495.0	(2)	Z130	4472.0	(8)	Z135	4745.0	(2)

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Z140	5026.0	(8)	Z145	5705.0	(3)	Z150	5800.0	(2)
Z155	5875.0	(0)	Z160	6715.0	(2)	Z165	6757.0	(2)
Z170	7831.0	(2)	Z174	Unknown		Z175	9016.0	(4)
Z180	9057.0	(3)	Z185	9809.0	(0)	Z190	10204.0	(3)
Z195	Unknown	(3)	Z200	11181.0	(3)	Z205	11494.0	(2)
Z210	11229.0	(3)	Z211	12070.0	(2)	Z215	13242.0	(2)
Z220	13245.0	(2)	Z225	13907.0	(1)	Z230	15046.0	(7)
Z235	15094.0	(3)	Z240	15097.0	(0)	Z245	Unknown	
Z250	15962.0	(1)	Z255	17973.0	(0)	Z260	18006.0	(0)
Z265	18024.0	(0)	Z270	18027.0	(0)	Z275	18046.0?	
Z280	18387.0	(2)	Z285	Unknown		Z290	19665.0	(9)
Z295	19755.0	(2)	Z300	20167.0	(2)	Z305	20407.0	(9)
Z310	23337.0		Z315	23872.0	(9)	Z320	24828.0?	
Z325	24978.0?		Z330	26532.0?		Z335	26859.0	(2)
Z340	Unknown		Z345	Unknown		Z350	Unknown	

Legend:

- (7) Confirmed 1997
- (8) Confirmed 1998
- (9) Confirmed 1999
- (0) Confirmed 2000
- (1) Confirmed 2001
- (2) Confirmed 2002
- (3) Confirmed 2003
- (4) Confirmed 2004

Note: At 1805 UTC on 16 Dec 2003, monitored female op using tac call calling other tac calls IDed frequency as Z-280/Z-230. A new frequency 7992.0 kHz has been uncovered by WUN member Jeff Haverlah in Texas during monitoring of a STRATCOM exercise on June 25, 2003. The frequency was being used by airborne command post participating in a STRATCOM communications exercise. No designator has been assigned at this time.

Other notes on USSTRATCOM related communications/frequencies from Jeff Haverlah.

11244.0 kHz

1. This frequency is a special HF-GCS discrete that is used by *every* named HF-GCS station for Emergency Action Messages (EAM) and FOXTROT broadcast. In fact, it has been described as the "broadcast" frequency. Stations here do not respond to MAINSAIL general calls on this frequency.

2. This frequency is guarded by the Nightwatch 01 (US Air Force E-4 National Airborne Operations Center or NAOC) station (which uses daily changing callsign aliases) and is paired with 8992.0 kHz.

3. This frequency is used by the apparent USSTRATCOM Looking Glass mission aircraft for daily EAM transmissions at any time, and used for repeat EAM transmissions at H+25/H+55 mostly during North American daylight hours (and at any part of the day during exercises). Paired with 8992.0 kHz. Also guarded by the Glass mission and other U.S. Navy E-6 TACAMO aircraft when active.

Note: The primary mission of the Looking Glass aircraft is the ability to command, control, and communicate with its nuclear forces. Its highly-trained crew and staff ensure there is always an aircraft ready to direct bombers and missiles from the air should ground-based command centers become inoperable. Looking Glass guarantees that U.S. strategic forces will act only in the precise manner dictated by the president. On Oct. 1, 1998 the Navy's E-6B Mercury aircraft replaced the USAF EC-135 in the Looking Glass mission.

4. Used by possible tanker aircraft (maybe on their SIOP mission) passing 4-element groups to "SkyMaster" (NAOC and TACAMO aircraft) during exercises and paired with 8992.0 kHz. The 4-element groups have been called "TID traffic" by SKYMASTER aircraft.

5. Used by other U.S. government stations (i.e. Federal Emergency

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Management Agency-FEMA, etc) including the static call "Blue Grass" (Mt. Weather, Virginia) as a frequency to pass "Hotel" messages. These messages are passed to each other and to the NAOC aircraft (using an alias separate from that particular day's callsign). This activity is usually during the third week of each month, is not paired with 8992.0 kHz, and many of the station's use callsigns begin with the letter "A" (i.e. Axle Rod, Army Ruler, etc).

6. Units here always identify the frequency as 11244.0 kHz and not with a tactical designator.

6697.0 kHz

1. This frequency is used by the TACAMO aircraft for daily evening/night (North America) EAM transmissions during the following time slots:

- H+07/H+37 by a TACAMO LANT aircraft
- H+14/H+44 by a TACAMO PAC aircraft

2. EAMs have been heard at any time during initial broadcast, simulcast on 8992.0, 11244.0 and on the USSTRATCOM Zulu net frequencies above.

3. This frequencies is also used by possible TACAMO aircraft to communicate with trigraph identifier stations during exercises (usually to receive 3-element group traffic from these trigraph stations.)

4. Also is used 24-hours a day by the United Kingdom's station MKL and their trigraphs (many of these thought to be Nimrod aircraft).

13155.0 kHz

1. This frequency is used by the TACAMO aircraft for daily daytime (North America) EAM transmissions during the following time slots:

- H+07/H+37 by a TACAMO LANT aircraft
- H+14/H+44 by a TACAMO PAC aircraft

2. EAMs have been heard at any time during initial broadcast, simulcast on 8992.0, 11244.0 and on the USSTRATCOM Zulu net frequencies above.

3. The activity on this frequency apparently moved here from 11267.0 kHz a few years ago. 11267.0 now seems to be quiet probably indicating that it is no longer used for this purpose.

Other U.S. Navy frequencies heard recently with EAM broadcasts by Jeff Haverlah and the column editor: 4515.0 4848.0 5680.0 6512.0 6666.0 6686.0 6720.0 6724.0 6778.0 6833.0 6903.0 7501.0 7589.0 8020.0 8971.0 9007.0 9010.0 9036.0 9283.0 10515.5 10805.0 10994.0 11187.0 11255.0 11271.0 13155.0 14698.0 15038.0 15049.0 16117.0

These and other old U.S. Navy HF HICOM (High Command) frequencies have been active in past with heavy EAM traffic. (See HF-GCS section above about the demise of the HICOM network)

=====
*United States Air Force
=====

Special Operations Command (AFSOC)

=====
Frequency/Designator Matrix (USB)

3044.0	352SOG RAF Mildenhall, United Kingdom Maintenance
3134.0	Hurlburt Field, Florida
4450.0	352SOG RAF Mildenhall, United Kingdom Exercise Operations
5204.5	352SOG RAF Mildenhall, United Kingdom (Blackhat) Primary
5349.0	352SOG RAF Mildenhall, United Kingdom (Blackhat)
5687.0	Hurlburt Field, Florida (Plantation/Seminole Operations)
5732.0	Hurlburt Field, Florida (Emerald Ops/Seminole Operations) FOX 2?
	Kirtland AFB, New Mexico
6730.0	Hurlburt Field, Florida

9018.0 AFSOC Air-to-Air
9019.0 Hurlburt Field, Florida (Plantations Operations) FOX 4? ex-9017
9026.0 352SOG RAF Mildenhall, United Kingdom (Blackhat)
9161.5 352SOG RAF Mildenhall, United Kingdom (Blackhat) Primary
11611.0 Hurlburt Field, Florida (Seminole/Emerald Operations)
13206.0 Hurlburt Field, Florida (Plantations Operations) FIX 1? ex-13207

I have had no recent reports on 18027.0 (FOX 9) or 23271.0 kHz (FOX 8). Has anyone in the last year heard any AFSOC units using the FOX designators above? Also, the following frequencies were active with AFSOC activity until the overhaul of the OR frequencies several years ago. Does anyone know what frequencies have taken their place? 4721.0 6712.0 9017.0 9023.0 kHz.

RAF Mildenhall, United Kingdom
=====

6761.0 Aerial refueling tankers interplane (worldwide)

Ramstein AB, Germany
=====

AMC Command Post (Metaphor)
Frequencies (USB): 6730.0 9022.0

Miscellaneous Listings
=====

JStars aircraft discrete
Frequency (USB): 11181.0

Air Force Military Affiliate Radio System (MARS)
=====

You will also find a considerable amount of military aircraft voice traffic (official and unofficial) on the U.S. Air Force Military Affiliate Radio System (MARS) phone patch network frequencies: The primary frequencies are 13927.0 and 20992.0 kHz. These are fun and interesting frequencies to monitor.

Frequency/Designator Matrix (USB)

4557.0 RK
7633.5 ACJ
13927.0 ACB (Primary)
14606.0 ACF
18617.0 ???
20992.5 ACZ

MARS conducts a phone patch admin net on Sundays at 1600 UTC on 13977.0 kHz (ACC).

Civil Air Patrol (CAP) Tech
=====

Profile from Ron Perron
Confirmed Frequencies (USB/ALE): 5006.0 6800.0 (SHARES) 6806.0 7602.0
8012.0 9047.0 11402.0 13415.0 14357.0 19814.0

ALE Identifiers:

Surfing on the CAP web site and reading some of their publications (Organization, Communications Procedures, CAP Alerting System) Ron has confirmed the following identifiers:

RIC CAP National Technology Center, Richmond VA
022NHQCAP National Ops Center (NOC) CAP National Headquarters
Maxwell AFB AL

According to the CAP Alerting System Communications Actions publication under threat advisories Yellow (present condition), Orange and Red the NOC (Headcap 22) and the NTC (Headcap 33) are responsible for conducting the National Command Net with the NTC acting as alternate net control to the NOC. "Confidence checks" have to be conducted to ensure that the system is ready for any contingency. This probably explains the fairly

heavy volume of soundings from 022, 047 and 062 NHQCAP identifiers.

Reading these same publications and looking at the command structure of CAP headquarters, Ron has tentatively identified the following identifiers:

- CAP Used on SHARES frequencies
- 033NHQCAP Unidentified
- 043NHQCAP Unidentified
- 046NHQCAP Unidentified
- 951NHQCAP Unidentified
- 971NHQCAP Unidentified
- 047NHQCAP Director of Communications (DOK) CAP Headquarters, Maxwell AFB, AL [Tentative]
- 062NHQCAP Director of Operations (DOO)CAP Headquarters, Maxwell AFB, AL [Tentative]
- 034MERCAP Middle East Region, North Carolina, possible Region Chief of Staff
- 004MERCAP Middle East Region, Chief of Staff
- 0033COCAP Colorado CAP
- 0041MICAP Michigan CAP
- 0042MICAP Michigan CAP
- 0004WICAP Wisconsin CAP
- 0004SCCAP South Carolina CAP
- 043SERCAP Southeast Region CAP
- 044NCRCAP National Capitol Region CAP, Washington DC
- 100NERCAP Northeast Region CAP
- 037RMRCAP Rocky Mountain Region CAP
- 0272HICAP Hawaii CAP

In mid-summer 2004 the following ALE identifiers were noted on CAP freqs:

- ADWCAP Civil Air Patrol at Andrews AFB
- MCCCAP Civil Air Patrol at McClellan AFB
- JNRCAP Civil Air Patrol at Roosevelt Roads, Puerto Rico.
- HIKCAP Civil Air Patrol at Hickam AFB

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*U.S. Army
=====

U.S. Transportation Command
=====

Frequency/Designator Matrix (USB)

4146.0	Channel 1
6224.0	Channel 2
6227.0	Channel 3
8294.0	Channel 4
8297.0	Channel 5
12353.0	Channel 6
12359.0	Channel 7
12365.0	Channel 8

Army Corps of Engineers
=====

Frequency/Designator Matrix (USB/ALE)

3345.0	Channel 1	
5015.0	Channel 2	ALE
5327.5	Channel 3	
5400.0	Channel 4	
5437.5	Channel 5	ALE
6020.0	Channel 6	
6785.0	Channel 7	ALE
9122.5	Channel 8	ALE (Primary)
11693.5	Channel 9	ALE
12070.0	Channel 10	ALE (Secondary)
12122.0	Channel 11	ALE

13925.5 Unknown ALE
 16077.0 Channel 12 ALE
 16326.0 Channel 13 ALE (Teritiary)
 16358.0 Channel 14
 20659.0 Channel 15 ALE

ALE Addresses (Courtesy of Larry Van Horn):

CGQ US Army Corps of Engineers Headquarters, Washington, DC
 CRL Cold Region Research & Engineering Lab, Hanover, NH
 ECV Unknown
 G333 Unknown
 G334 Unknown
 G336 Unknown
 L22 Unknown
 L30 Unknown
 LRB Buffalo District, Buffalo, NY
 LRD Great Lakes and Ohio River Division, Cincinnati, OH
 LRE Detroit District, Detroit, MI
 LRH Huntington District Office, Huntington, WV
 LRL Louisville District, Louisville, KY
 LRN Nashville District Office, Nashville, TN
 LRO Unknown
 LRP Pittsburgh District, Pittsburgh, PA
 MVD Mississippi Valley Division Office, Vicksburg, MS
 MVN New Orleans District Office, New Orleans, LA
 MVS St. Louis District Office, St. Louis, MO
 MVT Unknown
 NAD North Atlantic Division Office, Brooklyn, NY
 NAO Norfolk District Office, Norfolk, VA
 NAP Philadelphia District, Philadelphia, PA
 NVP St. Paul District Office, Saint Paul, MN
 NWK Kansas City District, Kansas City, MO
 NWO Omaha District, Omaha, NE
 NWP Portland District, Portland, OR
 POA Anchorage, AK
 RDTAR Unknown
 RDTEF Unknown
 RPK Unknown
 RRV Unknown
 SAC Charleston District Office, Charleston, SC
 SAD Atlanta, GA
 SAM Mobile District Office, Mobile, AL
 SAS Savannah District Office, Savannah, GA
 SAW Wilmington District, Wilmington, NC
 SBV Unknown
 SPA Albuquerque, NM
 SPK Sacramento District, Sacramento, CA
 SWF Southwestern Division, Fort Worth, TX
 SWG Galveston District, Galveston, TX
 SWT Tulsa District, Tulsa, OK
 TSX Unknown
 WUM Unknown

18th Airborne Corps HF ALE Net

=====
 Courtesy of Ron Perron

Frequencies (USB/ALE): 3238.5 4641.5 5883.5 6911.5 7361.5 8171.5
 9295.0 10161.5 10680.0 12168.0

ALE Identifiers:

18FABDEJAGCE 18th Field Artillery Bde
 159X1 Probable 1/159th deployed/exercise HQs
 229JAGCE Probably 229th FA Bn (105mm howitzers)
 327FAJAGCE 3-27th FA (MLRS)-Multiple Rocket Launcher Bn, 18th
 Airborne Corps
 FFAJAGCE Unidentified sub-unit of 18th FA Regt
 P1Z159 1/159th Avn Bn, Ft Bragg

S030PS Unidentified
 S080PS Unidentified
 S12 Unidentified
 S21 Unidentified
 S41 Unidentified
 T1Z159 1/159th Avn Bn, Ft Bragg
 T18 Probably 18th Airbone Coprs Headquarters

Continuity of Operations (COOP) HF ALE Net

=====
 Courtesy of Ron Perron

Frequencies (USB/ALE): 3275.0 3285.0 5066.5 5088.5 6767.5 6985.0
 7448.5 7510.0

ALE Identifiers:

CECOM Army Communications & Electronics Command, Ft. Monmouth NJ.
 USACE1010 Army Corps of Engineers
 USADA1010 Unidentified
 USAFC1220 Army Forces Command (FORSCOM), Ft McPherson GA
 USAIS1012 Army Intelligence & Security Command, Ft Belvoir VA
 USAMC2120 Army Materiel Command, Alexandria VA
 USAMD1010 Army Medical Department ???
 USANG2409 Army National Guard HQs, Arlington VA
 USAPC1010 Army Pacific Command, Oahu HI

I believe the purpose of this net is to develop and maintain an HF ALE communications capability to support the major US Army commands. This net would probably provide backup communications capability in the event of failures of other means of communications, i.e. landlines, satellites, microwave/troposcatter.

This net is usually "tested" on wednesdays. Lately the US Army Intelligence and Security Command, Ft Belvoir, Virginia, has been acting as Net Control Station (NCS) for this net.

U.S. Army National Guard

=====
 Frequencies (USB/ALE): 4924.5 5847.0 6809.0 8047.0 9121.0 10816.5
 14653.0 16338.5 20906.0 khz

Note: These frequencies appear to be allocated to State National Guard headquarters.

ALE Addresses:

A040LN Alabama
 A060RN Arkansas
 A090ZN Arizona
 A100KN Alaska
 C010TN Connecticut
 C0800N Colorado
 C090AN California
 D030CN Washington DC
 D030EN Delaware
 F040LN Florida
 G040AN Georgia
 G090UN Guam
 H090IN Hawaii
 I010DN Idaho
 I050NN Indiana
 I070AN Iowa
 K040YN Kentucky
 K070SN Kansas
 L060AN Louisiana
 M010AN Massachussetts
 M010EN Maine
 M030DN Maryland
 M040SN Mississippi
 M050IN Michigan

M050NN Minnesota
M0700N Missouri
M080TN Montana
N010HN New Hampshire
N020JN New Jersey
N020YN New York
N040CN North Carolina
N060MN New Mexico
N070EN Nebraska
N080DN North Dakota
O010RN Oregon
O050HN Ohio
O060KN Oklahoma
P020RN Puerto Rico
P030AN Pennsylvania
R010IN Rhode Island
S040CN South Carolina
S080DN South Dakota
T040NN Tennessee
T060XN Texas
U080TN Utah
V010TN Vermont
V020IN Virgin Islands
V030AN Virginia
W010AN Washington State
W030VN West Virginia
W080YN Wyoming

ARC61NG 61st WMD CST Unit, Arkansas
HD1 Unknown user
HQ701N Probably NG HQs (Arlington VA)
HQ703N Probably NG Readiness Center (Arlington VA)
MN55CSTNGB 55th WMD CST Unit, Minnesota
OKC63NG 63rd WMD CST Unit, Oklahoma
TXC06NG 6th WMD CST Unit, Texas
WV3 West Virginia

Ron has also seen an ALE address PMTRCS/PMTRCSHFON. He believes the letters stand for Program Manager for Tactical Radio Communications Systems and has seen this address communicating with several of the new identifiers. Perhaps they are evaluating or checking on the deployment of their radio systems to these units.

=====
*U.S. Coast Guard
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Air-to-Ground Nets

=====
Frequencies (USB): 3053.0 3056.0 3119.0 3122.0 4730.0 4733.0
5693.0 5696.0 5699.0 8980.0 8983.0 11196.0 11199.0 11202.0
13218.0 13221.0 15082.0 15085.0 15088.0 17988.0 17991.0

Station List:

CAMSLANT Chesapeake, Virginia
CAMSPAC Point Reyes, California

Secure Net

=====
Frequency/Designator Matrix (USB)
4716.6 3A04 Group Key west (ANDVT/clear)
5142.6 ANDVT Comms
5272.0 3E06
5320.0 Coast Guard District 7/8 (ANDVT/clear)
5399.6 3C16 (ANDVT)
5422.5 3A03
5680.0 Group Charleston with CG Cutters
6234.5 3E11 (ANDVT/clear)

6246.6 ANDVT/Clear
 6815.6 ????? ex-3E11
 6969.0 ANDVT
 7421.0 3A09
 7626.0 3E10
 7773.5 3A08
 7845.0 ?????
 7884.0 3E13
 7909.0 3E14 CAMSLANT
 8091.0 ?????
 8240.0 Usually a HFDX frequency, but some voice with cutters noted
 8337.6 3E12
 8980.0 ANDVT
 10608.0 3A02 Group Miami (ANDVT/Clear)
 10675.0 3E19
 10759.0 3E20
 10788.0 3E21
 10993.6 3A17 Group Key West (ANDVT/Clear)
 11157.5 3E24
 11202.0 Deployed cutters with HH-65 helos in Caribbean
 13413.0 3E25
 13809.0 ?????
 13950.0 ?????

Note: Following designators have been mentioned recently: 3C11.
 The designators above appear to be changing. Anyone else notice any others changes? Reports are requested. Since January 2004 there has been no mention on the nets of 3A26 and 3A31. For a full listing of USCG aircraft and helicopters be sure to check out Mark J. Cleary's list at URL: <http://www.wunclub.com/>

TISCOM Net

=====
 Frequencies (USB/ALE): 4730.0 8859.0 13221.0 17988.0

Station List:

NMC US Coast Guard CAMSPAC Point Reyes, CA
 NMG COMSTA New Orleans, LA
 NMO US Coast Guard Honolulu, HI
 NOJ COMSTA Kodiak, AK
 TISCOM US Coast Guard Telecommunications & Information Systems Command, Arlington, VA

A1401 Net Frequencies

=====
 This is a list of Ship/Shore Independent Sideband (ISB) frequencies.
 I call this set of frequencies the A1401 net.

2016.0 2040.0 2054.0 4913.5 5108.5 5217.0 5223.0 5266.0 5272.0
 5419.5 5942.5 6961.0 7439.0 7577.0 7617.0 7626.0 7754.5 7845.0
 7884.0 7909.0 9169.0 9291.0 9332.0 9373.0 10297.5 10338.5
 10354.5 10378.0 10675.0 10759.0 10788.0 10929.5 10935.5 11024.0
 11045.0 11157.5 13413.0 13484.0 13537.7 13950.0 14506.0 14518.75
 14731.0 14752.0 14919.2 18189.0 18255.0 18283.0 18335.0 18497.0
 18650.0 18716.0 20095.0 20137.0 20518.0 20639.0 23373.0 23515.0

Atlantic Only 2161.0
 Pacific Only 2144.0 5932.5 7713.0 9299.5 11165.8 18757.0
 Your column editor is extremely interested in receiving activity reports on any of the above listed frequencies.

HF PACTOR II E-Mail Network

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Freq	Net Control Station	Fleet	Day/Night
5272.2	NOJ	PAC	Night
6961.2	NMC1	PAC	Night
6964.4	NMC	PAC	Night

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7442.3	Cutters	PAC	Night
7685.5	NNNOMDC	LANT	24hrs
8340.2	NMC	PAC	Night
10355.2	NOJ	PAC	24hrs
13827.5	NNNOMUC	LANT	24hrs
14506.2	NMC	PAC	Day
14752.2	Unknown	PAC	Day
14922.4	Poss NOJ	PAC	Day
18192.2	NMC1	PAC	Day
20642.2	NMC	PAC	Day

Station List:

Callsign	Identity
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NAQD	USCGC Jarvis WHEC-725
NDWA	USCGC Morgenthau WHEC-722
NEGF	Unid USCGC
NEPP	USCGC Healy WAGB-20
NGDF	USCGC Munro WHEC-724
NKJU	USCGC Kukui WLB-203
NLPM	USCGC Chase WHEC-718
NLVS	USCGC Rush WHEC-723
NMAG	USCGC Hamilton WHEC-715
NMC	Communications Area Master Station Pacific (CAMSPAC) Point Reyes, California
NMC1	Coast Guard Island, Alameda, California
NMEL	USCGC Mellon WHEC-717
NNHA	USCGC Acushnet, WMEC-167
NOJ	Communications Station (COMSTA), Kodiak, Alaska
NRCB	USCGC Eagle, WIX-327
NRPX	USCGC Buttonwood WLB-306
NRTF	USCGC Active, WMEC-618
NRUC	USCGC Storis WMEC-38
NRUO	USCGC Polar Sea WAGB-11 (no longer equipped)
NSTF	USCGC Steadfast WMEC-625
NYCQ	USCGC Boutwell WHEC-719
NZNE	USCGC Walnut WLB-205 ***New Ident***
NZVE	USCGC Alert WMEC-630
NNNOCBS	USCGC Durable, WMEC-628
NNNOCCK	USCGC Bear WMEC-901
NNNOCEQ	USCGC Harriet Lane WMEC-903
NNNOCES	USCGC Gentian (WIX-290)
NNNOCFA	USNS Persistent (T-AGOS 6)
NNNOCLL	Unidentified USCGC
NNNOCMD	USCGC Mohawk WMEC-913
NNNOCME	USCGC Northland WMEC-904
NNNOCMS	USCGC Courageous WHEC-716
NNNOCMV	USCGC Tampa WMEC-902
NNNOCNW	Unid USCGC
NNNOCNY	USCGC Campbell WMEC-909
NNNOCNZ	USCGC Tahoma WMEC-908
NNNOCSA	USCGC Seneca WMEC-906
NNNOCSP	USCGC Spencer WMEC-905
NNNOCSTB	USCGC Venturous WMEC-625
NNNOCVQ	USCGC Forward WMEC-911
NNNOCXK	USCGC Gallatin WHEC-721
NNNOCXS	USCGC Dallas WHEC-716
NNNOCYU	USCGC Vigilant WMEC-617
NNNOCZK	USCGC Vigorous WMEC-627
NNNOMDA	Atlantic Shore Station, Nazareth Pennsylvania (aka: NNN0GKF)
NNNOMDC	Atlantic Shore Station, HQ Navy & Marine Corps MARS, Washington DC (aka: NNN0NAV)
NNNOMDF	Atlantic Shore Station, Coast Guard HQ, Washington DC (aka: NNN0NCG)
NNNOMUC	Atlantic Shore Station
NNN0NXZ	USCGC Confidence WMEC-619
NNN0NZK	USCGC Dauntless WMEC-624

9th District HF Net

=====
Frequencies (USB/ALE): 3163.4 5423.9 7530.0 7621.6 (might have
replaced 7629.1) 8126.4 9278.5 10373.6 11043.6

Station List:

CGD9 Coast Guard District 9, Cleveland, Ohio
NODK USCGC Bramble (WLB-392)
NODW USCGC Sundew (WLB-404)
NODY USCGC Acacia (WLB-406)
NRKP USCGC Mackinaw (WAGB-83)
NRLX USCGC Katmai Bay (WTGB-101)
NRLY USCGC Bristol Bay (WTGB-102)
NRUR USCGC Mobile Bay (WTGB-103)
NRUS USCGC Biscayne Bay (WTGB-104)
NRUU USCGC Neah Bay (WTGB-105)

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*U.S. Navy
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ELF Communications System

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NEWS FLASH!! These two broadcast frequencies were turned off on
September 30, 2004 and these two sites will be dismantled per an article
in the Bay City Times newspaper on September 13, 2004.

Frequencies: 76 Hz (primary) and 44 Hz (Secondary)
There are two transmit sites: Republic, Michigan and Clam Lake,
Wisconsin. This is used as a bell ringer communication system to
submarines.

Strategic Communications Wing One (SCW-1)

=====
Frequency/Designator Matrix (USB)
6691.0 CA (7)
11187.0 CB (0)
17982.0 CC (9)
11264.0 CH (9)

Also check 11267.0, 13240.0 and 14615.0. References have been made on the
air
to designators CD, CE, CF, CG, CK and CL.

Ships Electronics Systems Evaluation Facility (SESEF)

=====
Point Loma, CA (USB): 2792.0
Mayport, FL (USB): 5745.0 10711.0
Barbers Point, HI (USB): 16087.0
Norfolk (Fort Storey), VA (USB): 7535.0 8150.0 10711.0
Ediz Hook, WA (USB): 3236.0
Yokosuka, Japan (USB): 5304.0

Fleet Area and Control Facility (FACSFAC)

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FACSFAC Virginia Capes, VA (USB) 2252.0

Strike Group Air Defense Networks

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Frequencies (USB): 3265.0

AFN HF Broadcast

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Update to current schedules for the US Navy AFN broadcast on their
website and NPR. They indicate that the NPR broadcast schedule isn't
correct and made a correction to the schedule for the Guam broadcast.
Below is the accurate schedule for AFN shortwave transmissions.

Switchover from night to day, etc is based on local time at the transmitter site.

Station	Daytime	Nighttime
Barrigada, Guam	13362.0	5765.0
Diego Garcia	12579.0	4319.0
Keflavik, Iceland	13855.0	13855.0
	7590.0	7590.0
Key West, Florida	12133.5	12133.5
	5446.5	5446.5
Pearl Harbor, Hawaii	10320.0	6350.0
Roosevelt Roads, PR	7507.5	7507.5
Sigonella, Sicily	4993.0	10940.5

A new frequency in the Pacific Rim has been heard intermittently on 4815.0 kHz

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NON-UNITED STATES MILITARY SERVICES

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*Argentina

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3175.5 Navy LOR-Puerto Belgrano Baudot 170/75

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*AUSTRALIA/NEW ZEALAND

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Air Force - RAAF/RNZAF

The following information comes from the Enroute Supplement Australia (ERSA) a publication jointly published by the Royal Australian Air Force and Airservices Australia, February 26, 1998 edition, Nav/Comm 1.

1. The Royal Australian Air Force (RAAF/Royal New Zealand Air Force (RNZAF) Air Operations Communications System (AOCS) is a high frequency radio network providing communications services for the operational control of RAAF/RNZAF aircraft and HF equipped marine craft [army ground stations are also commonly heard]. In addition, visiting military aircraft may use the AOCS when contact with Australia/New Zealand military authorities is required. The AOCS is not part of, and does not provide, an air traffic control service, civil or military.
2. The AOCS network consist of six Air Operations Communications Centres (AOCCs) located at Sydney, Darwin, Townsville, Perth, Auckland [NZ] and Woodbourn [NZ]. The combined AOCS provides:
 - A. A General Purpose Net (GPN) on which all AOCCs guard the same three frequencies. All AOCCs can transmit and receive on these three frequencies simultaneously.
 - B. Discrete frequencies are available (if required) at each AOCC and allocated after initial contact on the GPN.
 - C. Telephone patch facilities between aircraft and ground appointments.
 - D. Continuous monitoring of military distress frequency 5696 kHz.
 - E. Selective calling (SELCAL): Available to suitably equipped aircraft.

GPN Frequencies:

Day (2100-0900 UTC)	8974.0	11235.0	13206.0
Night (0900-2100 UTC)	3032.0	5687.0	8974.0
Military Distress	5696.0		

The RAAF and RNZAF share 8974 with the Spanish Air Force, and 5687 with the Portugese and German military services.

Discrete frequencies

RAAF Darwin:	6685.0	6709.0	6712.0	6727.0	6760.0	8968.0	8971.0
	8989.0	9025.0	11187.0	11199.0	11205.0	11271.0	

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RAAF Perth: 6757.0 8977.0 9022.0 9025.0 11187.0 11271.0 15085.0
18003.0 23203.0

RAAF Sydney: 4715.0 5711.0 6730.0 6739.0 8971.0 8980.0 8989.0
8992.0 9007.0 9019.0 9031.0 11202.0 11208.0 11226.0
11250.0 13227.0 13245.0 13248.0 15067.0 17985.0

RAAF Townsville: 5714.0 8971.0 8992.0 9007.0 11187.0 11247.0
15034.0

RNZAF Auckland: 6754.0 6760.0 8965.0 9010.0 9025.0 11178.0 11217.0
11247.0 13212.0 13233.0 13245.0 15044.0 15055.0

AOCS callsigns

Location	Voice Callsign
ASAOCS/NZAOCS Collective	Air Force ANZAC
ASAOCS Collective	Air Force Australia
NZAOCS Collective	Air Force New Zealand
AOCC Auckland	Air Force Auckland
AOCC Darwin	Air Force Darwin
AOCC Perth	Air Force Perth
AOCC Sydney	Air Force Sydney
AOCC Townsville	Air Force Townsville

Australian Navy

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Frequency/Designator Matrix (USB)

2768.0 A1
4375.0 A2
6510.0 A3
8122.0 A4
13116.0 A5
17344.0 A6
22708.0 A7/C5 (Tentative)

Station List:

Canberra Control, Darwin Control, Exmouth Control, Perth Control,
and Townsville Control

New Zealand Navy

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Frequencies(USB): 3192.0 8316.5

Station List: Auckland

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*Bahamas

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Bahamas Defense Forces

Frequency (USB): 8156.0

Station List

C6WWH C6R2066 C6R2067

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*BELGIUM

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Air Force

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Frequency/Designator Matrix (USB)

3131.0 YA
4745.0 YD
6748.0 YF
8989.0 YG (Primary)
11268.0 YJ
15010.0 YM
18006.0 YO
18021.0 YP

20050.0 YQ
23332.0 YS

Station: Melsbroek (ONY)

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*Brazil
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Air Force
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Frequencies (USB/ALE): 7929.0 8834.0 9010.0 13224.0 13586.0
13972.0 13978.0 16355.0 17982.0

ALE Identifiers:

Antares	Brazilian Navy survey ship H-40
Bandeirantes	Unidentified
Bravo India Sierra	Unidentified
Capataz	Unidentified
Cerrado	Unidentified
Hermes	Brazilia, Air Force Headquarters
India Victor	Rio de Janeiro, Grupo Especial de Inspeção em Vôo, Aeroporto Santos-Dumont
Jupiter	Unidentified
Manaus	Manaus Air Base (heard in voice comms on 13224.0/17982.0)
Omega	Unidentified
Orungan	Bahia (Salvador), Brazilian Air Force 1/7 Squadron
RDFEN	Unidentified
RDSSGC	Unidentified
SARBR	Rescue Coordination Center Brasília
SARCT	Rescue Coordination Center Curitiba
SARMN	Rescue Coordination Center Manaus
SARPV	Rescue Coordination Center Porto Velho (Rondônia)
SARRF	Rescue Coordination Center Recife [Tentative]
SA5	Unidentified SAR
Saturino	Unidentified Squadron
Scorpius	Boa Vista, 1º/3º Grupo de Aviação "Escorpião"
Tamoio	Brazilian Navy submarine S-31
Taurus	Brazilian Navy coastal survey ship H-36
Tribo	Unidentified
TRITAO	Brazilian Navy patrol tug R-21

Army
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Frequencies (USB/ALE): 10711.0 11530.0 12132.0 13942.0 14582.0
14600.0 14752.0 16333.0 16345.0 20535.0

ALE Identifiers:

AM1	Amazonas
BA1	Bahia
BR1	Brasilia, Army Headquarters
CE1	Ceara
ES1	Espirito Santo
MS1	Manaus
OR1	Orinoco [Tentative]
PA1	Para
PE1	Pernambuco
PR1	Parana
RJ1	Rio de Janeiro
RS1	Rio Grande do Sul
SP1	Sao Paulo

Navy
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Frequencies (USB/ALE): 6785.0 8031.0 8310.0 10194.5 10914.5
11010.0 11455.0 11486.0 12370.0 12437.0 13101.0 13224.0
14780.0 15932.0 16355.0 (SAR) 16607.0 16837.5 17010.0

19709.0 20064.0 22168.0

Shore Station List:

BAISE Base Naval do Bahia, Aracaju (Estado Sergipe)
 BTLCMC1 Probable Brazilian Marine Forces unit
 DE1MO Unidentified (poss garble for RE1MO)
 ERMBEL Estação Rádio da Marinha em Belém (Fourth Naval District, Pará)
 ERMNAT Estação Rádio da Marinha em Natal (Third Naval District, Rio Grande do Norte)
 ERMRGD Estação Rádio da Marinha no Rio Grande (Fifth Naval District, Rio Grande do Sul)
 ERMRIO Estação Rádio da Marinha do Rio de Janeiro (First Naval District, Rio de Janeiro)
 ERMSAL Estação Rádio da Marinha em Salvador Salvador Det. (Second Naval District, Bahia)
 RE1MO Base Naval do Recife (Estado Pernambuco)
 T2ADAE Unidentified [Brazilian Navy]

Ship List:

CVFRON Corvetas FRONTIN V-33 (Class INHAÚMA)
 CVINHA Corvetas INHAÚMA V-30 (Class INHAÚMA)
 CVJACE Corvetas JACEGUAÍ V-31 (Class INHAÚMA)
 CVJULI Corvetas JÚLIO DE NORONHA V-32 (Class INHAÚMA)
 FBOSIS Frigate BOSÍSIO F-48 (Class Greenhalgh)
 FCONST Frigate CONSTITUIÇÃO F-42 (Class NITERÓI)
 FDEFEN Frigate DEFENSORA F-41 (Class NITERÓI)
 FDODSW Frigate DODSWORTH Fragatas F-47 (Class GREENHALGH)
 FGREEN Frigate GREENHALGH F-46 (Class Greenhalgh)
 FLIBER Frigate LIBERAL F-43 (Class NITERÓI)
 FRADEM Frigate RADEMAKER F-49 (Class Greenhalgh)
 FTEROI Frigate NITERÓI Fragatas F-40 (Class NITERÓI)
 FUNIAO Frigate UNIÃO Fragatas F-45 (Class NITERÓI)
 NAESPO SÃO PAULO Navio-Aeródromo São Paulo A-12 (Porta Aviões)
 NDDCEA CEARÁ G-30 Navios de Desembarque-Doca
 NDCCMM MATTOSO MAIA Navio de Desembarque de Carros de Combate G-28 (Class MATTOSO MAIA)
 NEBRSL BRASIL (Navio-Escola) U-27
 NTGMTA GASTÃO MOTTA (Navios-Tanque) G-23

Info:

<http://www.mar.mil.br/navios.htm>
http://www.mar.mil.br/Marinha_do_Brasil/menu_navios.htm

Ship Roster:

Vessel-Name	Vessel-Type	(Class)
A-12 SÃO PAULO	Navio-Aeródromo São Paulo (Porta Aviões)	(COLOSSUS)
D-27 PARÁ	Contratorpedeiros (PARÁ)	
D-30 PERNAMBUCO	Contratorpedeiros (PARÁ)	
F-40 NITERÓI	Fragatas (NITERÓI)	
F-41 DEFENSORA	Fragatas (NITERÓI)	
F-42 CONSTITUIÇÃO	Fragatas (NITERÓI)	
F-43 LIBERAL	Fragatas (NITERÓI)	
F-44 INDEPENDÊNCIA	Fragatas (NITERÓI)	
F-45 UNIÃO	Fragatas (NITERÓI)	
F-46 GREENHALGH	Fragatas (GREENHALGH)	
F-47 DODSWORTH	Fragatas (GREENHALGH)	
F-48 BOSÍSIO	Fragatas (GREENHALGH)	
F-49 RADEMAKER	Fragatas (GREENHALGH)	
G-15 PARAGUASSU	Navio-Transporte Fluvial	
G-17 POTENGI	Navio-Tanque Fluvial	
G-21 ARY PARREIRAS	Navios-Transporte de Tropas	
G-23 GASTÃO MOTTA	Navios-Tanque	
G-28 MATTOSO MAIA	Navio de Desembarque de Carros de Combate (MATTOSO MAIA)	
G-30 CEARÁ	Navios de Desembarque-Doca	
G-31 RIO DE JANEIRO	Navios de Desembarque-Doca	

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H-11	PARAIBANO	Avisos Hidrográficos
H-12	RIO BRANCO	Avisos Hidrográficos
H-13	MESTRE JOÃO DOS SANTOS	Navios-Balizadores (Mestre João dos Santos)
H-14	NOGUEIRA DAGAMA	Avisos Hidrográficos
H-15	ITACURUSSÁ	Avisos Hidrográficos
H-16	CAMACIM	Avisos Hidrográficos
H-17	CARAVELAS	Avisos Hidrográficos
H-18	COMANDANTE VARELLA	Navios-Balizadores (Mestre João dos Santos)
H-20	COMANDANTE MANHÃES	Navios-Balizadores (Mestre João dos Santos)
H-19	TENENTE CASTELO	Navios-Balizadores (Mestre João dos Santos)
H-21	SIRIUS	Navios Hidrográficos
H-24	CASTELHANOS	Navios-Balizadores (Mestre João dos Santos)
H-25	TENENTE BOANERGES	Navios-Balizadores (Mestre João dos Santos)
H-26	FAROLEIRO MÁRIO SEIXAS	Navios-Balizadores (Mestre João dos Santos)
H-27	FAROLEIRO AREAS	Navios-Balizadores (Mestre João dos Santos)
H-30	FAROLEIRO NASCIMENTO	Navios-Balizadores (Mestre João dos Santos)
H-31	ARGUS	Navios Hidrográficos
H-34	ALMIRANTE GRAÇA ARANHA	Navios-Faroleiro
H-35	AMORIM DO VALLE	Navios-Balizadores (Mestre João dos Santos)
H-36	TAURUS	Navio Hidroceanográfico
H-37	GARNIER SAMPAIO	Navios-Balizadores (Mestre João dos Santos)
H-40	ANTARES	Navios Oceanográficos Classe Antares
H-41	ALMIRANTE CÂMARA	Navios Oceanográficos Classe Antares
H-44	ARY RONGEL	Navio de Apoio Oceanográfico
K-11	FELINTO PERRY	Navio de Socorro Submarino
M-15	ARATU	Navios-Varredores (ARATU)
M-16	ANHATOMIRIM	Navios-Varredores (ARATU)
M-17	ATALAIA	Navios-Varredores (ARATU)
M-18	ARACATUBA	Navios-Varredores (ARATU)
M-19	ABROLHOS	Navios-Varredores (ARATU)
M-20	ALBARDÃO	Navios-Varredores (ARATU)
P-10	PIRATINI	Navios-Patrolha (PIRATINI)
P-11	PIRAJÁ	Navios-Patrolha (PIRATINI)
P-12	PAMPEIRO	Navios-Patrolha (PIRATINI)
P-13	PARATI	Navios-Patrolha (PIRATINI)
P-14	PENEDO	Navios-Patrolha (PIRATINI)
P-15	POTI	Navios-Patrolha (PIRATINI)
P-20	PEDRO TEIXEIRA	Navios-Patrolha Fluviais (PEDRO TEIXEIRA)
P-21	RAPOSO TAVARES	Navios-Patrolha Fluviais (PEDRO TEIXEIRA)
P-30	RORAIMA	Navios-Patrolha Fluviais (RORAIMA)
P-31	RONDÔNIA	Navios-Patrolha Fluviais (RORAIMA)
P-32	AMAPÁ	Navios-Patrolha Fluviais (RORAIMA)
P-40	GRAJAÚ	Navios-Patrolha (GRAJAÚ)
P-41	GUAÍBA	Navios-Patrolha (GRAJAÚ)
P-42	GRAÚNA	Navios-Patrolha (GRAJAÚ)
P-43	GOIANA	Navios-Patrolha (GRAJAÚ)
P-44	GUAJARÁ	Navios-Patrolha (GRAJAÚ)
P-45	GUAPORÉ	Navios-Patrolha (GRAJAÚ)
P-46	GURUPÁ	Navios-Patrolha (GRAJAÚ)
P-47	GURUPI	Navios-Patrolha (GRAJAÚ)
P-48	GUANABARA	Navios-Patrolha (GRAJAÚ)
P-49	GUARUJÁ	Navios-Patrolha (GRAJAÚ)
P-50	GUARATUBA	Navios-Patrolha (GRAJAÚ)
P-51	GRAVATAÍ	Navios-Patrolha (GRAJAÚ)
P-60	BRACUÍ	Navios-Patrolha (BRACUÍ)
P-62	BOCAINA	Navios-Patrolha (BRACUÍ)
P-61	BENEVENTE	Navios-Patrolha (BRACUÍ)
P-63	BABITONGA	Navios-Patrolha (BRACUÍ)
R-21	TRITÃO	Rebocadores de Alto-Mar (TRIUNFO)
R-22	TRIDENTE	Rebocadores de Alto-Mar (TRIUNFO)
R-23	TRIUNFO	Rebocadores de Alto-Mar (TRIUNFO)
R-24	ALTE GUILHEM	Rebocadores de Alto-Mar (GUILHEM)
R-25	ALTE GUILLOBEL	Rebocadores de Alto-Mar (GUILHEM)
R-26	TRINDADE	Rebocador de Alto-Mar (Trindade)
S-30	TUPI	Submarinos (TUPI)
S-31	TAMOIO	Submarinos (TUPI)
S-32	TIMBIRA	Submarinos (TUPI)
S-33	TAPAJÓ	Submarinos (TUPI)

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U-10	ASPIRANTE NASCIMENTO	Avisos de Instrução (Aspirante Nascimento)
U-11	GUARDA-MARINHA JANSEN	Avisos de Instrução (Aspirante Nascimento)
U-12	GUARDA-MARINHA BRITO	Avisos de Instrução (Aspirante Nascimento)
U-17	PARNAIBA	Monitor
U-18	OSWALDO CRUZ	Navios de Assistência Hospitalar
U-19	CARLOS CHAGAS	Navios de Assistência Hospitalar
U-20	NAVIO VELEIRO CISNE BRANCO	Navio Veleiro
U-27	BRASIL	Navio-Escola
U-29	PIRAIM	Aviso de Transporte Fluvial
V-15	IMPERIAL MARINHEIRO	Corvetas (IMPERIAL MARINHEIRO)
V-19	CABOCLO	Corvetas (IMPERIAL MARINHEIRO)
V-20	ANGOSTURA	Corvetas (IMPERIAL MARINHEIRO)
V-24	SOLIMÕES	Corvetas (IMPERIAL MARINHEIRO)
V-30	INHAÚMA	Corvetas (INHAÚMA)
V-31	JACEGUAI	Corvetas (INHAÚMA)
V-32	JÚLIO DE NORONHA	Corvetas (INHAÚMA)
V-33	FRONTIN	Corvetas (INHAÚMA)

Frequencies (USB/ALE): 9117.0 13224.0 13972.0

Station List:

BR1 Brasilia (VII Naval District)[tentative]
 CE1 Ceara (Naval Port)or Fortaleza [tentative]
 MS1 Manaus (Commando Naval do Amazona Occidental)[tentative]
 PE1 Sao Pedro de Aldeia (Naval Air Base)[tentative]

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 *Canada
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Canadian Forces (CanForce)
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Military Aeronautical Communications System (MACS)
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Frequency/Designator Matrix (USB)

3047.0	MACS Net: Edmonton, Halifax, Trenton
3092.0	MACS Net: Edmonton, St. John's, Trenton
4379.0	CanForce Discrete: Halifax
4560.0	Maritime Command Net: Halifax, St John's (A6A)
4703.0	MACS Net: Edmonton, St. John's, Trenton
4739.0	AAR Net: Halifax, St John's
5198.5	Maritime Command Net: Halifax (A2B)
5684.0	St John's, Vancouver
5699.0	CanForce Discrete (Pipeline/Gonzo aircraft)
5702.0	Vancouver
5714.0	MACS Net: Edmonton, St. John's, Trenton
5717.0	SAR Net: Halifax, St. John's. Trenton, Vancouver-Primary
5850.0	Halifax Maritime Air Group (D1B)
6694.0	Halifax, Vancouver (D6G)
6706.0	MACS Net: Edmonton, St. John's, Trenton
6712.0	CanForce Discrete (Pipeline/Gonzo aircraft)
6715.0	SAR Net: Halifax, Trenton, Vancouver (D3H)
6745.0	MACS Net: Edmonton, Trenton
6751.0	Halifax, Vancouver, SIDECAR (NORAD)
6754.0	MACS VOLMET: Edmonton, St. John's, Trenton
8050.0	CanForce Discrete: Trenton (poss CanForce ALE activity here)
8989.0	MACS Net: Edmonton, Trenton (Initial contact freq when aircraft is west of 90 deg west)(D1H)
8992.0	CanForce Discrete: Trenton
9007.0	MACS Net: Edmonton, St. John's, Trenton (Initial contact freq when aircraft is east of 90 deg west)
9010.0	CanForce Discrete: Vancouver
9023.0	NORAD: Trenton (C5)
9031.0	CanForce Discrete (Pipeline/Gonzo aircraft)
10194.0	CanForce Discrete: Trenton (US/Canadian Ground/AWACS Discrete)
11007.5	CanForce Discrete: Trenton (US/Canadian Ground/AWACS Discrete)
11190.0	CanForce Discrete (Pipeline/Gonzo aircraft)
11205.0	CanForce Discrete: Halifax working VDD, Trenton
11214.0	NORAD: Trenton (NORAD/MACS discrete- C6)

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- 11232.0 MACS Net: Alert, Edmonton, Halifax, St. John's, Trenton, Yellowknife (Initial contact freq when aircraft is east of 90 deg west)
- 11265.0 MACS Net: Edmonton, Trenton
- 11271.0 MACS Net: Edmonton, Trenton (Initial contact freq when aircraft is west of 90 deg west)
- 13206.0 CanForce Discrete: Trenton
- 13257.0 Foxtrot MACS Net: Edmonton, St. John's, Trenton
- 14364.0 CanForce Discrete: Trenton (US/Canadian Ground/AWACS Discrete)
- 15031.0 MACS Net: Edmonton, St. John's, Trenton
- 15034.0 MACS VOLMET: Edmonton, St. John's, Trenton
- 17994.0 MACS Net: Edmonton, St. John's, Trenton
- 18000.0 CanForce discrete: Halifax
- 18012.0 MACS Net: Edmonton, St. John's, Trenton
- 18027.0 NORAD: Halifax, Edmonton (C8)
- 23250.0 MACS Net: Trenton
- 23271.0 CanForce Discrete: Trenton (US/Canadian Ground/AWACS Discrete)

Note: Frequency designators indicated above have not been reported in quite some time. More than likely CANFORCE has dropped the use of frequency designators. Other observations are welcomed.

Digital Communications

CFH RTTY: 4271.0

Stations List:

- CFH Halifax Military, NS (supports SAR coordination requirements for Halifax Rescue Coordination Center-RCC)
- CHR Trenton Military, ON
- CJU Vancouver Military, BC (supports SAR coordination requirements for the Victoria Rescue Coordination Center-RCC)
- CJX St. John's Military, NF
- CKN Vancouver Military, BC
- VXA Edmonton Military, AB

Canadian Military Communications

Canadian Military ALE Network
 Frequencies (USB/ALE): 6925.0 6980.0 7600.0 8050.0 10000.0 11402.0 11605.0 12185.0

Station List:

- VDE Unidentified
- VDD Debert, NS
- VEX Penhold, AB

Canadian Forces/NORAD Charlie Designators

Frequency/Designator Matrix (USB)

Note: other than those listed above

- 4721.0 C1
- 6735.0 C2
- 6750.0 C3
- 8967.0 or 8968.0 C4
- 13206.0 or 13207.0 C7

Canadian Forces Affiliate Radio System (CFARS)

CFARS is the Canadian Forces Affiliate Radio System which is equivalent to the United States Military Affiliate Radio System (MARS) program. CFARS stations are located at various United Nations peace-keeping operations around the world and operate amateur radio equipment that provides phone patches for service personnel to their families. They are also to be found on Navy and Coast Guard ships.

Frequency/Designator Matrix (USB)

- 6978.5 Alpha

14386.0 Bravo
14460.0 Charlie
14463.0 Delta
14446.5 Echo
20971.5 Foxtrot
20963.5 Golf
29715.0 Hotel
14454.0 Juliet
14449.5 Kilo
20977.5 Lima
13954.0 Mike
6982.5 Whiskey
6962.5 X-ray
4052.5 Yankee
4023.5 Zulu

Thanks to the Northern Alberta Radio Club (<http://narc.net>) for the above information.

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*Chile
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Navy
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Frequencies (LSB/ALE): 9818.0 12103.0
ALE Addresses: FLC TAC

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*Czech Republic
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Military Net Frequencies(CW): 2362.0

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*Denmark
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Air Force
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Frequency/Designator Matrix (USB/ALE)
2250.0 OWC/OWD/OWE/OWF/OWI/OWK/OWP/OWU/OYG (U12/ALE)
2296.0 OWB (L96-Alternate Night)
2531.0 OWF/OWI/OWK/OWP (ALE)
3023.0 OWB (Alternate)
3053.0 OWB (L18-Primary Day)
3291.0 OWD/OWE
4577.0 OWB (F18-Alternate Day)
4703.0 OWB/OWD/OWE (V26-Alternate)
4756.5 OWD/OWE
4840.0 OWC/OWD/OWE/OWF/OWI/OWK/OWP/OWU (ALE)
5120.0 OUY/OWC/OWD/OWE/OWF/OWI/OWK/OWP/OWU (ALE)
6630.0 OWD/OWE
6651.0 OWB (K19-Primary Day)
6730.0 OWD/OWE (P75)
6770.0 OWB (Alternate)
6834.0 OWB (Alternate)
9034.0 OWD/OWE (R27)
9933.0 OWE/OWF (ALE)
11076.0 OWI/OWJ (ALE)
11217.0 OWD/OWE
11244.0 OWD/OWE (A10)
11468.0 OWE/OWG (ALE)
12186.0 OWE/OWG/OWP (ALE)
13435.0 OWD/OWE/OWG/OWP (ALE)
13455.0 OWI (ALE)
15043.0 OWD/OWE (A11)
15820.0 OWC/OWE/OWF/OWG/OWI/OWK/OWP (ALE)
16280.0 OWD/OWG (ALE)

16327.0 OWF/OWG/OWU (ALE)

Station List:

- OUY Unknown
- OWB RCC Karup, voice call: Karup Rescue
- OWC Unknown
- OWD FSN Vaerloose, voice call: Saloon
- OWE FTK Karup, voice call Primrose
- OWF AF Skrydstrup
- OWG AF Vandel
- OWI AF Air Base Aalborg
- OWJ AF Tirstrup (tentative ID)
- OWK AF Headquarters Vedbaek
- OWP Unknown
- OWU Unknown
- OYG Mestersvyg, Greenland

The SAR services at Karup also use the worldwide allocations of 2182 and 5680. Another frequency in this system may be 13540. Frequency designators from the Dansk Scanner Information website (<http://www.dkscan.dk>). Station identifiers courtesy of Ary Boender.

Navy

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- Frequencies (CW): 4637.0
- Frequencies (CW/RTTY): 18281.0 (OVK)

Station List:

- OUA Stevns, Denmark
- OVC Groennedal, Greenland
- OVG Unknown
- OVK Aarhus (Navy)

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*Ecuador
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Navy

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- Noted during June 03 UNITAS-03 exercise
- Frequency (USB/ALE): 7900.0

Station List:

- COOPNA Naval Operations Command (Comando Operaciones Navale)
- CFF Commander Frigate Force (Comando Fuerza Frigata)
- CORMAN Corbeta Manabi (CM 12)
- CORGAL Corbeta Los Galapagos (CM 15)
- CORORO Corbeta El Oro (CM-14)
- CORESM Corbeta Esmeraldas (CM 11)
- LAMCUE Launcha Missileria Cuenca (LM 24)
- HALCON Type B 119 class PG "Halcon"

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*France
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Air Force

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French Air Force Circus HF radio network

- Frequency/Designator Matrix (USB unles otherwise indicated)
- 6869.0 Veilleur-Taverny working AWACS aircraft (Secure voice)
- 6712.0 Marjolaine 2
- 8972.0 Racontar 1
- 8992.0 Vinaigrette 3
- 13236.0 Reconfort 3 (Raphael?)
- 14587.0 Unknown
- 18012.0 Citadelle 1

23254.0 Veritee 3
 ??????.? Citadelle 3
 143.800 MHz Canasta (AM Mode)

Station List:

Circus Blanc Bangui, Central Africa Republic
 Circus Bleu Le Reunion, Reunion Island
 Circus Bonne Bordeaux, France
 Circus Citron Cayenne, French Guyana
 Circus Corail Corfu/Taveaux, Greece
 Circus Diamant Dole/Taveaux, France
 Circus Dore Djibouti
 Circus Ebene Evreux, France
 Circus Fraise Fort de France, Martinique
 Circus Lilas Libreville, Gabon
 Circus Noir Noumea, New Caledonia
 Circus Ocre Orleans, France
 Circus Orange Dakar, Senegal
 Circus Tango Toulouse/Francasal
 Circus Tilleul N'djamena, Chad
 Circus Vert CFAP Headquarters, Villacoublay, France
 Circus Villa Villacoublay, France

French Air Force Strategic Missions
 Frequency (USB): 6688.0 8976.0

Station List:

Capitol COFAS Headquarters Taverny

Digital Net

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3157.9	FDI8-Nice, France	Baudot 400/50R
4042.0	FDG-Bordeaux, France	Baudot ?/50
4212.5	FDI8-Nice, France	CW
4449.9	FDI8-Nice, France	CW
4596.0	FDC-Metz, France	CW
5214.5	FDG-Bordeaux, France	?/50 baud
5367.0	FDI8-Nice, France	Baudot 85/50
5446.5	FDC-Metz, France	Baudot ?/50
7380.0	FDG-Bordeaux, France	CW
7850.0	FDI8-Nice, France	CW
7859.0	FDY-Orleans, France	Baudot ?/50 baud
10671.0	FDG-Bordeaux, France	CW
10912.0	FDI8-Nice, France	CW
10996.0	FDI22-Narbonne	CW

Navy

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Warship Frequencies

2214.0	FUC on 2780.0
2259.0	FUE on 2789.0
4165.6	FUE on 4295.0
6259.0	FUE on 6348.0
8310.6	FUV on 8568.0
8314.6	FUF on 8478.5
8330.6	FUG on 8453.0 (75 or 150 baud)
8334.6	FUX on 8475.5
12369.0	6WW on 12857.0
12374.6	FUX on 12691.0
12398.6	FUV on 13042.5 (may use 75 or 150 baud)
12402.5	FUF on 13031.2
12410.6	FUG on 12666.5 (150 baud)
16559.6	FUF on 16961.5
16595.6	FUV on 16904.9
16598.0	6WW on 16951.5
16607.6	FUG on 17180.0 (75 or 150 baud)

Miscellaneous Frequencies

WUN-v10

2436.0 French Navy-Mediterranean USB
3107.0 French Navy-Atlantic (callsign Armor) USB
3896.0 French Navy-Mediterranean USB
5708.0 French Navy-Atlantic (callsign Armor) USB
6760.0 Tactical calls (callsign whiskey Alpha) tentative (USB)

RTTY Net

2608.0 FVO RTTY 850/75
4232.0 FUF RTTY 850/75
6348.0 HWN ITA2/150/UOS encrypted
FUE ITA150
8300.0 6WW RTTY 850/75
8453.9 FUG RTTY 850/75
8475.5 FUX RTTY 850/75
8479.0 FUF RTTY 850/75
10282.0 FVO RTTY 850/75 and 170/75
10310.6 TLFUO-Toulon c/g 1TLFUF-Fort de France USB/MIL-STD 188-141A
10918.6 6WW RTTY 425/50
12666.5 FUG RTTY 860/75
12690.7 RFVIE-Le Port Baudot 850/75
12857.0 6WW Baudot 850/75
13032.0 FUF RTTY 850/75
13042.0 FUV RTTY 850/150
13444.2 RFQP-Djibouti ARQ-E3 400/100
13944.0 RFQP-Djibouti ARQ-E3 400/100
13986.7 RFFA-MOD Paris ARQ-E3 192bd
14585.7 RFPTC-N'Djamena Arq-E3 400/200
16905.0 FUV Baudot 850/75
16915.0 RFVIE-Le Port, Reunion Baudot 850/75
16951.6 6WW RTTY 850/75
16961.5 FUF Baudot 850/75
19216.7 RFLI-Fort de France, Martinique ARQ-E3 380/192 and ARQ-E3 96 bd
19951.5 6WW Baudot 850/75
20555.0 RFFX-MOD Paris ARQ-E3 184.6bd

Station List:

6WW Dakar, Senegal
FUC Location Unknown
FUE Brest, France
FUF Fort de France, Martinique
FUG La Regine, France
FVO Toulon, France
FUV Djibouti, Djibouti
FUX Le Port, Reunion Island

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*Germany
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Air Force

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Update courtesy of Andreas Heymann.

Air-to-Ground Network

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Frequency/Designator Matrix (USB)
3107.0 Alpha
3143.0 Bravo
3903.0 Charlie
4721.0 Delta
5687.0 Echo (Primary net frequency)
5717.0 Foxtrot
6700.0 Golf
6715.0 Hotel
6730.0 India
6751.0 Juliet
8965.0 Kilo
9025.0 Lima

WUN-v10

11217.0 Mike
 11265.0 November
 13203.0 Oscar
 13233.0 Papa
 15073.0 Quebec
 17973.0 Romeo
 17991.0 Sierra
 18012.0 Tango
 23201.0 Uniform
 23215.0 Victor (may be 23231, comments please)
 23255.0 Whisky
 23318.0 X-ray
 23341.0 Yankee
 23345.0 Zulu
 29724.0 Alpha-Bravo

Note: These frequencies are used by DHM91 Munster German Air Force Transport Command headquarters in northern Germany. The primary frequency in this network appears to be Echo on 5687. Stations have been heard discussing frequencies AA, AC, AF and AJ which carry encrypted RTTY transmissions.

Digital System

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DASA/EADS-MAHRS 2400 bd burst PSK/STANAG 4285: 6949.0 6958.5 7543.0
 7630.0 7729.0 7810.0 7814.0 7823.0 7995.0 8070.0 8139.0 9051.0
 10926.5 11136.5 12273.0 13502.0 14613.5

**Navy

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Frequency/Designator Matrix

2265.9	RTTY-DHJ58	
2625.0	USB-DHJ59	MRL 59/02
3056.0	USB/RTTY-DHJ78/DHJ59	MATELO ARCN
3116.0	USB-DHJ59	MATELO ARCN
3122.0	USB/RTTY-DHJ58/DHM42 (Glücksburg Rescue)	
3590.0	RTTY-DHJ58	
3653.0	RTTY-DHJ58	
3718.6	RTTY-DHJ58	
4047.9	RTTY-DHJ58	
4154.3	USB/3 channel VFT-DHJ59	MRL 59/04
4356.6	USB/RTTY-DHJ58	
4424.4	RTTY-DHJ58	
6727.0	USB/RTTY-DHJ59	MATELO ARCN
6730.0	USB/RTTY-DHJ59	MATELO ARCN 405
6779.0	USB-DHJ59	MRL 59/06
8335.3	USB/3 channel VFT-DHJ59	MRL 59/08
10192.5	USB/RTTY-DHJ59	MRL 59/10
10206.2	USB/Stanag 4285 2400bd PSK-DHJ58	MRL 58/10
10711.0	USB/RTTY	
10722.0	USB/RTTY-DHJ59	MRL 59/11
11090.0	USB/RTTY	F-63
11235.0	USB-DHJ78	
11256.0	USB/RTTY-DHJ59	MATELO ARCN
12178.0	USB/RTTY-DHJ59	MRL 59/12
12415.3	USB/3 channel VFT-DHJ59	MRL 59/13
14722.0	RTTY PSK 600 baud	
15929.0	USB/RTTY-DHJ59	MRL 59/15
16129.0	USB/RTTY-DHJ58	MRL 58/16
17544.0	USB-DHJ59	MRL 59/17
17994.0	USB/RTTY-DHJ59	MATELO ARCN
22238.5	USB-DHJ59	MRL 59/23
23744.0	USB-DHJ59	MRL 59/25

Station List:

Callsign	Unit	Place
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DHJ23	NORTHAG	Mönchengladbach
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DHJ36 NORTHAG Mönchengladbach
 DHJ37 CENTAG Heidelberg
 DHJ38 Fm/EloAufklRgt 220 Donauwörth
 DHJ39 Heeresamt Köln
 DHJ40 HFlgBrig 3 Mendig
 DHJ41 LTG 61 FÜGrp 1 Landsberg
 DHJ42 LTG 61 FÜGrp 2 Landsberg
 DHJ43 JaBoG 32 Lechfeld
 DHJ44 III. Korps Koblenz
 DHJ46 I. CATAC et FAFA Lahr
 DHJ47 2. ATAF Mönchengladbach
 DHJ48 4. ATAF Ramstein
 DHJ49 BMVG Bonn/Berlin
 DHJ50 I. Korps Münster
 DHJ51 AfWG St. Adelgund - Hochheid
 DHJ53 MStpKdo Warnemünde
 DHJ54 MarA Landtestanlage Bremen-Vegesack
 DHJ55 HQ 7th (US) Army Heidelberg
 DHJ56 FÜstBrig 900 Rheinbach
 DHJ57 Range Naval Radio Schönhagen
 DHJ58 MFmZ - MFmGrp 11 Glücksburg
 DHJ59 MFmZ - MFmGrp 21 Wilhelmshaven - Sengwarden
 DHJ60 KdoTrpVersM Abt. FÜMi Eckernförde
 DHJ61 MFmS Flensburg
 DHJ62 Naval Port Radio Neustadt i.H.
 DHJ63 Range Naval Radio Todendorf
 DHJ64 DTA MND(C) Mönchengladbach
 DHJ65 UKdo 8 Zweibrücken
 DHJ66 Submarine Naval Radio Eckernförde
 DHJ67 HöKdoBeh LW GefSt Köln
 DHJ68 HQ CINCUSAFE Wiesbaden
 DHJ69 JaBoG 31 Nörvenich
 DHJ70 MUKdo Wilhelmshaven
 DHJ72 4. ATAF Kindsbach
 DHJ73 II. GE/US Korps Ulm
 DHJ74 Kdo 2. LwDiv Birkenfeld
 DHJ75 WBK III/7. PzDiv Düsseldorf
 DHJ76 MFG 5 Airbase Kiel-Holtenau
 DHJ77 HfFlgRgt 35 Mendig
 DHJ78 MFG 3 Airbase Nordholz
 DHJ80 WBK IV/5. PzDiv Mainz
 DHJ81 PzLehrBrig 9 Münster
 DHJ82 Naval Port Radio Parow
 DHJ83 HöKdoBeh LW GefSt Köln
 DHJ84 Naval Radio Wangerooze
 DHJ85 PiBrig 20 Minden
 DHJ86 Deutscher Wetterdienst - MilZentr. Offenbach
 DHJ87 TerKdo Nord Mönchengladbach
 DHJ88 AfWG Limsdorf
 DHJ89 PzBrig 23 Augustdorf
 DHJ90 LwUstGrpKdo Nord Münster
 DHJ91 British Army Of The Rhine (BAOR)Mönchengladbach
 DHJ92 CCFFA Baden - Oos
 DHJ93 CENTAG Pirmasens
 DHJ94 4. RCAF Fighter wing Söllingen
 DHJ95 WBK VI/1. GebDiv München
 DHJ96 3. RCAF Fighter wing Zweibrücken
 DHJ97 Sammelruf --> ALLE Funkstellen des aktuellen Kreises
 DHJ98 JaBoG 33 Büchel
 DHJ99 KdoTrpVersM - Testsendungen
 DHM21 Naval Radio Staberhuk
 DHM22 MOS Bremerhaven
 DHM23 HfFlgRgt 26 Roth
 DHM24 FÜstBrig 4 Berlin
 DHM25 LTrspKdo - FÜstGrp Münster
 DHM27 PzGrenBrig 41 Eggesin
 DHM30 SOC Brokzetel
 DHM31 Naval Radio List/sylt

DHM33 MarsBetrB Kiel
 DHM35 Jachmannbrücke Radio (MArsBetrB) wilhelmshaven
 DHM36 KdoMFuSys wilhelmshaven
 DHM37 SOC Uedem - Kalkar
 DHM39 PzGrenBrig 38 weißenfels
 DHM41 MWaS Kappeln Ellenberg
 DHM42 Naval Radio Glücksburg
 DHM43 IV. Korps
 DHM44 GeophysBLtSt Süd Fürstenfeldbruck
 DHM45 MFmStab 70 Flensburg
 DHM46 WBK V / 10. PzDiv Sigmaringen
 DHM47 2. ATAF Air Base Weeze - Laarbruch
 DHM49 LogBrig 4 Unna
 DHM50 LogBrig 2 Germersheim
 DHM52 SanBrig 4 Fritzlar
 DHM53 HFlgRgt 36 Fritzlar
 DHM54 LwKdo Süd Meßstetten
 DHM55 WBK II/1. PzDiv Hannover
 DHM56 WBK VII/13. PzGrenDiv
 DHM57 HFlgRgt 15 Rheine
 DHM58 1. CanAirdiv Lahr
 DHM60 KLK/4. Div Regensburg
 DHM61 PzGrenBrig 1/VBK 22 Hildesheim
 DHM62 CINCENT Erbeskopf
 DHM64 Naval Radio Darßer Ort
 DHM65 MFuSSt Döllerup
 DHM66 MFuSSt Friedrichsort
 DHM67 MFuSSt Hürup
 DHM68 Unknown Frankenberg
 DHM70 MFuSSt Schortens
 DHM71 PzBrig 18 Oldenburg
 DHM72 GeophysBltSt Nord Niederseik
 DHM74 LLBrig 31 Oldenburg
 DHM75 MFuEST Lütjenholm
 DHM76 MFuEST Wittmund-Harlesiel
 DHM79 Sammelanruf I. D/NL Korps
 DHM82 Forschungsanstalt der Bw für wasserschall u. Geophys Kiel
 DHM85 MFuSSt Marlow
 DHM88 FmABw bzw. AFmISBw Rheinbach
 DHM89 2. ATAF Air Base Brüggen - Bracht
 DHM90 Comms Group Lahr
 DHM91 LTrspKdo - Leitfunkstelle Münster
 DHM92 Sammelanruf II. Korps
 DHM95 1. Wing RCAF Lahr
 DHM97 NL Army Dillingen
 DHN21 2. ATAF Rheindahlen
 DHN22 2. ATAF Rheindahlen
 DHN23 WBK VIII/14. PzGrenDiv
 DHN24 PiBrig 40/VBK 41 Lahnstein
 DHN31 Jagdgeschwader 71 wittmundhafen
 DHN41 GebJgBrig 23 Bad Reichenhall
 DHN43 PzGrenBrig 37 Frankenberg
 DHN44 Jagdgeschwader 74 Neuburg
 DHN45 PzGrenBrig 32 Schwanewede
 DHN46 SanBrig 2 Ulm
 DHN49 KrvtlSt bei MUKdo wilhelmshaven
 DHN51 HFlgRgt 30 Niederstetten
 DHN53 Naval Port Radio wilhelmshaven
 DHN54 Fm/EloAufklRgt 320 Frankenberg
 DHN55 UKdo 9 Philippsburg
 DHN60 LwFüKdo Köln-Wahn
 DHN61 DTA LANDCENT Heidelberg
 DHN62 DTA ARRC Mönchengladbach
 DHN63 PzGrenBrig 19/VBK 33 Ahlen
 DHN64 PzBrig 12 Amberg
 DHN65 FmBtl 950 "Radio Andernach" Andernach
 DHN66 NATO AEW Force Command Geilenkirchen
 DHN67 FmRgt 920 Kastellaun

DHN68 St/FmRgt 310 Koblenz
 DHN69 HFlgRgt 16 Celle
 DHN70 FmRgt 990 LANDCENT Essen
 DHN71 HFlgRgt 25 Laupheim
 DHN72 HFlgRgt 6 Hohenlockstedt
 DHN79 Erprobungsstelle der Bundeswehr 61 Manching
 DHN81 PzGrenBrig 30 Ellwangen
 DHN82 Marineunterwasserortungsstelle Fehmarn Marienleuchte
 DHN83 HFlgRgt 10 Fassberg
 DHN84 PzBrig 14 Neustadt
 DHN85 PzGrenBrig 5 Homberg - Efze
 DHN90 PzGrenBrig 40/VBK 86 Schwerin
 DHN92 LwKdo Nord Kalkar
 DHN95 PzBrig 39/VBK 71 Erfurt
 DHN99 Fm/EloAufklRgt 940 Daun
 DHO21 LLBrig 26 Saarlouis
 DHO22 Aufklärungsgeschwader 51 Jagel - Kropp (Schleswig)
 DHO23 LTrspGeschw 51 Landsberg
 DHO24 LTrspGeschw 63 FüGrp Hohn (Rendsburg)
 DHO27 JaBoG 49 Fürstenfeldbruck
 DHO28 JaBoG 35 Pferdsfeld
 DHO31 JaBoG 34 Memmingen
 DHO32 LTrspGeschw 62 Wunstorf
 DHO35 MFG 2 Funkstelle Eggebeck (Tarp)
 DHO36 Flugbereitschaft der Lw beim BMVg Bonn/Berlin
 DHO37 LTrspGeschw 62 FüGrp 1 Wunstorf
 DHO38 MFuSst Saterland-Ramsloh
 DHO39 LTrspGeschw 62 FüGrp 2 Wunstorf
 DHO41 NL Air Staff HQ Hesepe
 DHO42 Fm/EloAufklBrig 94 Daun
 DHO43 Kdo 4. LwDiv Aurich
 DHO45 PiBrig 10 Schleswig
 DHO46 Naval Radio Olpenitz
 DHO47 SanBrig 1 Leer
 DHO48 LogBrig 1 Lingen/Ems
 DHO49 PiBrig 30 Hilden
 DHO54 Fernmeldebereich 70 Trier
 DHO59 PzBrig 36/VBK 64 Veitshöchheim
 DHO60 LTrspGeschw 63 Hohn (Rendsburg)
 DHO61 Pionierschule FSH BauT Percha
 DHO63 4. NLDiv Bergen-Hohne
 DHO64 PiBrig 50 Bogen
 DHO65 LLBrig 25 Calw
 DHO66 Naval Air Operations Center Glücksburg
 DHO67 PiLehrBrig 60 Ingolstadt
 DHO69 Naval Radio Eckernförde
 DHO70 PzBrig 34 Diez
 DHO71 Naval Radio Arkona
 DHO73 Naval Radio Marienleuchte
 DHO74 1. NL Korps Seedorf (Zeven)
 DHO75 Sammelrufzeichen Lufttransportkommando (Collective callsign for
 all the three Air Transport wings)
 DHO76 DTA LANDJUT Rendsburg
 DHO77 JaBoG 36 Rheine - Hopsten
 DHO78 Kdo 3. LwDiv/GAFSC "N" Gatow
 DHO79 Naval Radio Helgoland
 DHO80 Naval Port Radio Olpenitz
 DHO81 Naval Radio Borkum
 DHO82 PzBrig 42/VBK 84 Potsdam
 DHO83 WBK I/6. PzGrenDiv Kiel
 DHO85 UKdo 4 Diez
 DHO91 Kdo 1. LwDiv/GAFSC "S" Karlsruhe
 DHO92 FüUstBrig 2 Ulm
 DHO95 Naval Radio Sahlenburg
 DHO99 I. BEL Corps Köln-Weiden

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 *Israel

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Air Force

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Frequencies (USB/ALE):

5418.0 6840.0 7630.0 7780.0 8100.0 8220.0 8858.0 9227.0 10190.0
10304.0 10614.0 11491.0 12143.0

Navy (4XZ)

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Frequencies (CW):

2800.0 4241.0 4331.0 5159.0 8101.0 12984.0

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*Italy

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Air Force

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Frequencies (USB):

IGN-Rome? 10280.0 tactical paired with 6788.0 (Kosovo Relief Ops)
IEY55/IEY56 11272.0

Navy

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Frequencies (USB):

IBO Unknown 4530.0
ICM Sigonella 6693.0 6703.0 6752.0 6755.0 8982.0
ICS La Spezia 4438.5 6873.5
ICT Taranto 4474.0
IDR Rome 2270.2 2285.5 3131.0 3146.0 4721.0 5330.0 6205.5 6433.0 6688.0
6708.0 6733.0 6760.0 6880.0 8715.2 8977.0 8981.0 10498.2 10605.7
11250.0 12238.5 12382.0 12471.7 13216.0 13254.0 13455.2
IGJ Augusta 2274.5 3827.0 4168.5 4745.0 8302.5
IGN Unknown 6788.0
IGY Unknown 2272.5 6733.0
INY NATO Unknown 10315.0

CARB Broadcast IGJ/IDR (RTTY): 2463.1 4214.2 8150.8 8429.5

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*Lithuania

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Military (USB/ALE): 2710.0

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*Mexico

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Courtesy of Ron Perron and frequency/address updates by Hugh Stegman

Army

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Frequencies (USB/ALE): 4650.0 5252.0 5263.0 6955.0 7777.0 8047.0
8050.0 8084.0 9025.0 9060.0 10135.0 10444.0

Station List:

Monitoring indicates that there are at least five categories/ groupings
of ALE identifiers used on Mexican Army nets.Animals 5252.0 5263.0 7777.0 8050.0 10135.0 10444.0
ALE Addresses: Chacal Jaguar Leon (Lion) Lobito (small wolf?)
Pantera (Panther) Puma Tigre

Countries 9060.0

ALE Addresses: Espana Espartaco Israel

Minerals/Jewels 4650.0 7777.0 8047.0 8084.0 9060.0 10135.0 10444.0
ALE Addresses: Acero (chrome steel) Aluminio (aluminum) Cobre (copper)
Diamante (diamond) J5 Jade Zeta(?)

WUN-v10

Miscellaneous 8050.0 10135.0
ALE Addresses: 123 Ganzo (?--possible garble)

Planets 6955.0 9025.0 10135.0
ALE Addresses: Marte (Mars) Tierra (Earth) Universo (Universe) Urano (Uranus)
Venus

Regional Net 4650.0 7777.0 9060.0
ALE Addresses: RM5 RM7 RM9 RM10 RM13 RM16 RM17

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*NATO

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DHN66 NATO Geilenkirchen

Frequency/Designator Matrix (USB)

3089.0 Channel A01
3900.0 Channel A02
6691.0 Channel A03 (Secondary)
8980.0 Channel A04
10172.0 Channel A05
10315.0 Channel A06 (Primary)
10429.0 Channel A07
11229.0 Channel A08
? Channel A09
? Channel A10
18009.0 Channel A11

The following frequencies have also been heard with NATO AWACS traffic,
but designators are not known: 4542.0 4758.0 6700.0 6760.0 6762.5
8971.0 8986.0 12165.0 23241.0

=====
*Netherlands

=====
Air Force

=====
Frequencies (USB): 3990.0 4450.0 5086.0 5406.5 8086.0

Station List:
Bandbox Nieuw Milligan (CRC Radar Control)

Army

=====
Frequencies (USB): 2274.0 2954.0 3305.5 3813.5 4762.0 4766.0
5032.5 5052.5 5115.0 5133.5 5144.5 5323.5 5388.5 5768.5

Frequencies (RTTY): 2275.5 2955.5 3306.5 3815.0 4763.5 4777.5
5034.0 5054.0 5116.5 5135.0 5146.0 5325.0 5390.0 5770.0

SFOR deployment
Frequencies (USB): 2552.5 4522.5

Coast Guard

=====
Netherlands Coastguard (also in Den Helder) with Coast Guard ships and
planes
Frequency (USB): 6550.0

Station List:

PBDO Vessel "Zeearend"
Coastguard 01 Dornier DO 228 Coastguard Plane
Coastguard 02 Westland Lynx Navy helikopter
Coastguard 03 Orion P-3C Navy Airplane
Coastguard 04 Police Helicopter

Coastguard 05 Police Plane
Den Helder Rescue RCC
Pedro 2/4/6 westland Lynx Navy helikopter
Pluto 1/3/5 Orion P-3C Navy patrouille vliegtuig

Navy

====

Warship frequencies (to stations PBB/PBC)

Frequency/Designator Matrix (USB)

2121.4 Channel 02A
2259.4 Channel 02B
4155.0 Channel 04A
4161.0 Channel 04B
4171.5 Channel 04C
6237.5 Channel 06A
6242.0 Channel 06B
8321.0 Channel 08A
8324.0 Channel 08B
8337.5 Channel 08C
12375.5 Channel 12B
16576.0 Channel 17B

PBV NAS Valkenburg
Frequencies: 3128.0 5705.0 8971.0 11178.0

Navy Den Helder "De Kooy"
Ship-to-Shore: 2204.0
Air-to-Ground (Helicopter): 2753.0
PBB CARBs broadcast: 3764.4
PBB RTTY Marker: 2845.0
PBC RTTY Marker: 2474.0

Caribbean Operations Frequencies:

8199.6 PJC
11178.0 PJK

CARB Broadcast

PBB: 6483
PBC: 6358.5 8439 12840.7

Station List:

PBB Navy Den Helder
PBC Goeree Island
PBV NAS Valkenburg
PJC NRN Hato Curacao (Counter-Narco Ops)
PJK Suffisant Curacao (ASW Operations)

=====
*Papua New Guinea
=====

Defense Force

=====

General Purpose Net Frequencies (GPN)

Frequency/Designator Matrix (USB)

3175.0 LGF Secondary
5746.0 LGG Primary
7496.0 LGH Secondary

Station List:

P2A2 Port Moresby
P2A3 Lae

Defense Force Patrol Boats:

Frequencies (USB): 5267.0 7587.0 7767.0 8146.0 9240.0

```
=====
*Portugal
=====
```

```
Air Force
=====
```

```
Frequencies (USB): 5687.0 6685.0 8992.0 9007.0
```

```
=====
*Russia
=====
```

```
High Command ELF
=====
```

```
ELF: The Russian equivalent to our now extinct 76/44 Hz ELF submarine
communication system operates on 82 Hz. No station location or details
are known.
```

```
=====
*South Africa
=====
```

```
Navy ZRH-Silvermine (FAX 120/576): 4014.0
Navy ZSJ-Silvermine (MFSK32 54.5 baud): 4014.0 4032.7
```

```
=====
*Spain
=====
```

```
Air Force
=====
```

```
Frequency/Designator Matrix (USB)
```

```
5699.0 Channel 1A
6724.0 Channel 1
8974.0 Channel 3
9022.0 Channel 3A
11211.0 Channel 2
11235.0 Channel 2A
13215.0 Channel 5
13245.0 Channel 5A
15016.0 Channel 4
15022.0 Channel 4A
18003.0 Channel 6A
18018.0 Channel 6
```

```
Station: Madrid (Callsign Vigia)
```

```
Station: Zaragoza (Callsign Jota)
```

```
3933.0 5702.0 6715.0 6730.0 9014.0? 11262.0 13245.0 15073.0
```

```
Special thanks to the Dutch Military Research Group website
(http://www.dutchmil.com/) for the new information above.
```

```
The Spanish Air Force operates a SAR service around the Spanish mainland
and from Gando AB in the Canary Islands. They make extensive use of HF
for communications during rescue missions and during exercises.
```

```
Frequency/Designator Matrix (USB)
```

```
2182.0 H24
3137.0 HN
4738.5 H24
6737.0 HJ
```

```
The Canarias Rescue Coordination Center (RCC), due to the much larger
area they cover, also uses 11406 kHz. They can also be heard on the
following frequencies, these are used by request from the network
users (USB): 2763.0 3855.0 4790.0 6870.0 9001.0 9437.0
```

=====

*United Kingdom

=====

Royal Air Force (RAF)

=====

RAF VOLMET Broadcast

Control Point - RAF High Wycombe

Transmitter: Inskip near Preston

Frequencies (USB): 5450.0 11253.0 kHz

Airfield weather broadcast are made twice an hour in the time slots indicated below:

Time Slot 1: H+00/H+30 - Aldergrove, Manchester, Prestwick, London Stansted, Oslo, Cairo, Pristina (+), Gibraltar, Porto, Stavanger

Time Slot 2: H+06/H+36 - Benson, Brize Norton, East Midlands, Bruggen, Geilenkirchen (+), Hannover, Lyneham, Northolt, Odham, Trondheim, Muscat (+), Salalah

Time Slot 3: H+12/H+42 - Coltishall, Cranwell, Leeming, Leuchars, Lossiemouth, Marham, St. Mawgan, Waddington, Linloss, Shawbury, Coningsby, Thumrait (+)

Time Slot 4: H+18/H+48 - Ascension, Bahrain, Brize Norton, Banjul (+), Dakar, Keflavik, Nairobi, Mombassa, Montevideo, Rio de Janeiro

Time Slot 5: H+24/H+54 - Adana (Incirlik), Akrotiri, Ancona, Aviano, Gioia del Colle, Rimini, Rome/Ciampino, Skopje, Split, Waddington, Bari (+)

The ones suffixed with '+' are additional airfields which are added as required, and have a human voice announcing them, rather than the electronic voice.

Some of these other optional airfields can be included in the broadcast in the possible slots indicated below:

Time Slot 1: Edinburgh, London Gatwick, London Heathrow, Luton, Newcastle, Stavanger, Teesside, Trondheim, Vaerlose

Time Slot 2: Hamburg, Munster, Ramstein

Time Slot 3: Coningsby, Shawbury, Yeovilton

Time Slot 4: Cairo, Hurgada, Jeddah, Punta Arenas, Recife

Time Slot 5: Catania, Faro, Lisbon, Palermo, Rome, Sarajevo

From the RAF Enroute Supplement, the UK equivalent of the US Department of Defense Instrument Flight Rules Supplement (IFR)

*Strike Command Integrated Communications System (STCICS)

Callsign: Voice: Architect CW: MLD or MLP

Transmitter: Chelveston, Northamptonshire, England

Frequencies (USB): 4742.0 5714.0 6739.0 9031.0 11205.0 18018.0

Group A has the QNH broadcast at H+00 and Airfield color state broadcast at H+30. Frequencies: 4540.0 5450.0 8190.0 11253.0 13257.0 15031.0

Group B has RAF German airfield flying states at H+15 and H+45. Frequencies: 2591.0 11247.0

*RAF Flight Watch Centers

Ascension Callsign: Haven

Frequencies: 4742.0 (2000-0800 UTC) 9031.0 (0800-2000 UTC) 11247.0

All frequencies carry a weather broadcast at H+45

Cyprus Callsign: Cyprus

Frequencies: 4742.0 9031.0 (1600-0500 UTC) 11247.0
4742.0 and 11247.0 carry weather broadcast at H+15

Gibraltar Callsign: Gibraltar

Frequencies: 4742.0 9031.0 11247.0

Mount Pleasant, Falkland Islands Callsign: Viper

Frequencies: 9031.0 11247.0

UKADGE HF Line Designator List

=====

How to find which frequencies are active. Listen to the Architect weather broadcast at H+00 and H+30 (see above). If the UKADGE circuits are active, there will be an announcement after the weather broadcast with the code-letters for the active frequencies. For example: "Additional information.. 2.. PK.. tack..401C.. tack.. AG" (which is repeated twice).

The first number indicates which Air Defense radar station is active

- 1 - Buchan, Boulmer and Benbecula
- 2 - Buchan
- 3 - Boulmer (has not been heard for many years)
- 4 - Neatishead

The first 2-letter-group is the code for the active HF frequency from the list below. It is sometimes referred to as the 'JAAWSK Frequency' (Joint Anti-air warfare Shore Co-ordination). It carries most of the voice traffic, including target positions and Beaver details. This channel also carries frequency changes and position reports.

The third group is the Charlie squared channel, where AWACS aircraft pass their radar data over a HF link. Known frequencies are:

2250.5 401A
33???.0 401B (exact freq unknown)
4478.5 401C
6673.5 401D
8500.5 401E

The final group is known as chick co-ordination, where combat aircraft which are HF-capable can be passed target positions and other information.

In the example above, Buchan is the ADR station, using 5095 khz for voice traffic, the AWACS are using 4478.5 khz, and the chicks are on 4745 khz.

Frequency/Designator Matrix (USB)

A	11205.0	AB	5693.0	AC	8156.0	AD	9010.0
AE	3939.0	AF	9022.0	AG	4745.0	AH	3930.0
AK	3038.0	AP	11181.0	AQ	2396.0	AW	4042.0
AZ	23281.0	B	6739.0	BA	17970.0	BE	18018.0
BF	3083.0	BJ	17988.0	BK	3945.0	BL	11268.0
BS	18000.0	BT	2350.0	BX	8989.0	CA	6736.0
CM	18009.0	CO	23245.0	CY	3119.0	CZ	29800.0
D	4706.0	DA	5436.0	DB	15091.0	DH	15013.0
DM	8998.0	DQ	17995.0	DS	4739.0	DT	18024.0
DW	9031.0	E	3924.0	EA	10512.0	EF	5720.0
EH	11259.0	EI	23270.0	EK	11235.0	EM	15025.0
EN	15076.0	EP	15040.0	EX	11184.0	EZ	11253.0
F	13257.0	FA	3101.0	FG	11208.0	FM	5405.0
FS	4742.0	FT	13218.0	FV	15064.0	FW	3131.0
G	3915.0	GA	15061.0	GD	2274.0	GT	26385.0
H	15031.0	HE	3942.0	HJ	8983.0	HK	9034.0

WUN-v10

HM	6748.0	HO	13206.0	HW	11247.0	HX	23257.0
HZ	13248.0	I	13236.0	IN	17982.0	IP	27000.0
J	8980.0	KA	3380.0	KD	3867.0	KH	12057.0
KJ	4718.0	KP	2641.0	KR	4484.0	KT	5420.0
KW	2261.0	KX	2577.0	L	5447.0	LA	3036.0
LB	3092.0	LC	6701.0	LD	15046.0	LE	15072.0
MB	2266.0	MC	5270.0	MD	18850.0	ME	14460.0
MS	3218.0	NJ	5705.0	PA	3302.0	PE	6760.0
PF	10634.0	PH	8971.0	PK	5095.0	PO	6715.0
PR	3864.0	PZ	14724.0	QB	3512.0	QR	8972.0
QV	3095.0	RA	8190.0	RD	6691.0	RE	5178.0
RH	5695.0	RM	3110.0	RZ	9459.0	SA	2762.0
SE	14812.0	ST	2591.0	TG	6724.0	TO	3391.0
TQ	3345.0	TS	5684.0	TW	4709.0	UA	4724.0
UB	10919.0	UR	17979.0	UT	4540.0	VE	11217.0
W	5747.0	WG	3125.0	WM	3026.0	X	3224.0
XA	5403.0	YC	11241.0	YM	13211.0	YP	23250.0
YZ	20030.0	ZF	3763.0	ZZ	5714.0		

Air Northwest JAAWSK (Joint Anti-air Warfare Shore Coordination)

=====

The RAF (and other NATO forces) seem to be using a new set of codes to identify their HF frequencies.

Frequencies/Unknown designator (USB):

2031.0 2307.0 3343.0 3404.0 3943.0 4502.0 4763.0 5350.0 5392.0
 6835.0 6882.0 7919.0 10325.0 10585.0 10830.0 12198.0 14568.0
 16344.0

Frequency/Designator Matrix (USB)

3301.0 Golf 01
 3235.0 Golf 02
 4572.0 Golf 08
 9010.0 Hotel 05
 HF? Kilo 01
 2712.0 Kilo 04
 4530.0 Kilo 05
 4020.0 Kilo 06
 4724.0 Kilo 07
 4860.5 Kilo 08
 4920.0 Kilo 09
 5173.0 Kilo 10
 5277.0 Kilo 11
 5290.0 Kilo 12
 5395.0 Kilo 13
 7415.0 Kilo 14
 7860.0 Kilo 15
 3305.0 Kilo 17
 UHF Kilo 18
 UHF Kilo 19
 UHF Kilo 20
 4785.0 Kilo 22
 4779.0 Kilo 24
 HF? Kilo 25
 UHF Kilo 26
 UHF Kilo 27
 HF? Kilo 28 (Beaver HF?)
 4477.0 Kilo 30
 5045.0 Kilo 31
 5385.0 Kilo 33
 5463.0 Kilo 34
 4012.0 Kilo 36
 UHF Kilo 55
 UHF Kilo 56

Joint Maritime Course Frequencies

=====

Three times a year the Royal Air Force hosts a number of military ships,

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WUN-v10

submarines and aircraft for a series of 2-week exercise around the coast of the UK. This is known as the JMC - Joint Maritime Course.

The forces are split into two opposing forces, and they use an extensive network of HF frequencies for voice co-ordination and encoded data transmissions of radar pictures (known as Link 11). Each HF frequency is given a KJ designator, and these run from KJ01 up to at least KJ50. Some of these frequencies are in the UHF military aircraft band. The tie-up between designator and frequency changes with each JMC course conducted. During some JMC's some designators are on UHF frequencies in one course and on HF frequencies in the next course.

Frequencies (USB):

3343.0 3357.0 3805.0 4477.0 4484.0 4502.0 4778.5 4860.5 5045.0
5091.5 5206.0 5267.0 5276.5 5280.0 5310.0 5385.0 5460.0 5733.0
5910.0 6224.0 6237.0 6697.0 6779.0 6882.0 6940.0 7795.0 7934.0
9394.0 11149.0

Royal Navy (RN)

=====

Warship Frequency/Designator Matrix (USB)

2487.0 Channel 02 Ships working MTI
2662.4 Channel 02P Ships working GYA/MGJ
2760.4 Channel 02Q Ships working GYA/MGJ
3806.4 Channel 03P Ships working GYA/MGJ
4153.0 Channel 04 Ships working MGJ on 3390 kHz
4153.9 Channel 04P Ships working GYA/MGJ
4879.9 Channel 04Q Ships working GYA/MGJ
6246.9 Channel 06P Ships working GYA/MGJ [was 6242.9 kHz]
8144.9 Channel 08P Ships working GYA/MGJ
8179.9 Channel 08Q Ships working GYA/MGJ
8339.0 Channel 8A? Ships working GYU
12377.9 Channel 12P Ships working GYA/MGJ
12381.9 Channel 12Q Ships working GYA/MGJ
12389.0 Channel 12A Ships working GYU
16550.9 Channel 16P Ships working GYA/MGJ
16566.9 Channel 16Q Ships working GYA/MGJ
22193.9 Channel 22P Ships working GYA/MGJ
25142.9 Channel 25P Ships working GYA/MGJ

Station List:

GYA London
GYU Gibraltar
MGJ Faslane
MTI Plymouth

Northwood FAX Service

=====

Frequencies (FAX): 2617.0 6834.0 8652.0 10576.5 12390.0 14356.0
18261.0

Irish Navy

=====

Frequencies (SITOR-A): 2461.5
Frequencies (CODAN PSK <F7>): 5254.0

=====

*Ukraine

=====

Military Frequencies(CW) 2598.0

=====

*Venezuela

=====

This entire Venezuelan military section below is courtesy of Ron Perron with a few frequencies thrown in by the column editor.

Air Defense Command

=====

Venezuelan Air Defense Command

This net serves various air defense missile sites and surveillance radar units based at/near Venezuelan Air Force bases and other strategic locations.

Frequencies (USB/ALE): 5695.0 7810.0 9065.0 11130.0 13475.0

Station List:

CDDA	Air Defense Command Center (Centro de Defensa Aerea)- El Libertador Airbase
GURI	Air Defense site at Guri Dam
MENE or Menemauroa	Air Defense site
MAR or Maracay	Air Defense site
PTOORDAZ or PTO	Puerto Ordaz Air Defense site
GUA or Guasualito	Air Defense site
MARGARITA	Isla Margarita Air Defense site
MONTECANO	Air Defense site
PTOFIJO or Puerto Fijo	Air Defense site

Army

=====

General Staff/Command & Control

Frequencies (USB/ALE): 8060.0 9795.0 10600.0 11155.0 12191.0
13449.0

1st Infantry Division

Frequencies (USB/ALE): 8260.0 11625.0 12191.0 13500.0*

2nd Infantry Division

Frequencies (USB/ALE): 5760.0 6870.0 7597.0 8060.0 8187.0 9232.0
9052.0 10156.0 11610.0 13449.0

3rd Infantry Division

Frequencies (USB/ALE): 7597.0 8050.0 9232.0 9259.0 10150.0
12191.0 13464.0 13506.0

4th Infantry Division:

Frequencies (USB/ALE): 9795.0 12185.0 13455.0

5th Infantry Division

Frequencies (USB/ALE): 5406.0 6786.0 7399.0 9233.0 9906.0
10115.0 12191.0 14569.0

Station List:

CCM	Mobile Command Center-Centro Comando Movil
CGE	Army Headquarters (Cuartel General de Ejercito)
CGEJM	Venezuelan Army HQs - Mobile - Cuartel General Ejercito Movil
CLC	Local Communications Center (Centro Local de Comunicaciones) I was carrying the "L" as Logistico, but in retrospect "Local" seems to fit the context better.
CLM	Maintenance Logistics Center (Centro Logistico Mantenimiento)
CRC	Regional Communications Center (Centro Regional de Comunicaciones)
Mira1	Military Command Element at Presidential Palace
Mira2	Military Command Element at Presidential Palace
Mira3	Military Command Element at Presidential Palace (Palacio de Miraflores)
PCRC	Regional Command Post (Communications) (Puesto de Comanda Regional Comunicaciones)
PCRM	Regional Command Post - Mobile (Puesto de Comanda Regional Movil)
PNME	Riverine Forces River Post
RESERVA1	1st Infantry Battalion - Reserves
RESERVA2	2nd Infantry Battalion - Reserves
RESERVA5	5th Armored Battalion - Reserves
SCLC	Subordinate Local Communications Center (Subordinado Centro Local de Comunicaciones) - I know the "S" doesn't fit

syntactically, but I think it makes sense nonetheless.
 SCLM Maintenance Logistics Service Center (Servicio Centro Logistico
 Mantenimiento)
 SIB Unidentified
 SIT Unidentified
 SKI Unidentified
 TALLERESM Unidentified

Ron thinks the suffixes 1-3 for both MIRA (Army section above) and CUFAN (National Guard section below) are the same. They may equate to something like 1= command element; 2= intelligence element; 3= operations element. Or they could equate to branches of the Armed Services i.e. 1= Army, 2= Navy; 3= National Guard.

Ron says these equations are based upon his own research and analysis using Spanish-language resources and glossaries. He is relatively certain that the equations for CGE and CRC are correct. According to various sources the Venezuelan Army has divided up the country into six Military Regions/Zones. This corresponds nicely to the CRC# identifiers he has seen so far. The other equations are, as he stated are his own derivations, and are ripe for discussion. He hasn't seen enough of the three letter identifiers (SIB, SIT, SKI, etc) to have any equations for them.

National Guard

=====
 Frequencies (USB/ALE): 7849.0 9052.0 10272.0 10600.0

Station List:

CGGN Cuartel General de Guardia Nationale-Venezuelan National
 Guard Headquarters
 CORE7 National Guard Commander, Region 7-Comando Region 7 (there
 are seven National Guard regions.
 CUFAN Unified Command of National Armed Forces-Comando Unificado
 del la Fuerza Armada Nacional
 CUFAN1 Unidentified sub-element of CUFAN
 CUFAN3 Unidentified sub-element of CUFAN
 CUFAN4 Unidentified sub-element of CUFAN
 CUMANA Cumana Airfield or Cumana City
 C5F Asuntos Civiles (Civil Affairs) C5
 DESTAFAC23 Destacamento 23 de las Fuerzas Armadas de Cooperación-
 Detachment 23, National Guard
 PORLAMAR Destacamento de Apoyo Aereo #7, Air Support Detachment #7,
 Parlomar Airport
 VARGAS Headquarters Comando de Vigilancia Costera, La Guaira, Estado
 Vargas

NOTE:

1. Comando de Vigilancia Costera is the naval component of the Venezuelan National Guard. There are seven detachments of the Vigilancia Costera and four detachments of the Vigilancia Fluvial (River Forces)
2. Comando de Apoyo Aero is the air component of the Venezuelan National Guard

Navy

=====
 Frequencies (USB/LSB/ALE): 6890.0U 6895.0U 7849.0U 8260.0L 8825.0L
 8500.0U 9017.0L 9190.0U 9350.0L 10272.0U 10600.0U 10650.0L 12546.0L
 13500.0U 14790.0L 19200.0U 20400.0L

Station List:

Armario Puerto Cbella Naval Base (named after Agustin Armario de
 Puerta Cabella)
 BDIRCO Batallon de Ingenieros de Combata (Combat Engineer Battalion)
 BNA Naval Base "Amario"
 BNF Naval Base "Falcon"

BNG Naval Base "Guitierrez"
 BNARCO Commando, Basa Navale Amario
 BRION Frigate, "Almirante Brion", F-22
 CANCO Unidentified
 CAPANA Capana-class Medium Landing Ship " Capana", T-61
 CGA Navy HQs, (Cuartel General Armada)
 CGARM Navy HQs (Cuartel General de Armada)
 COFFRI1 Commando Fluvial Fronterizo " General de Brigada Franz Riquez Iribarren"
 DCCOP Direccion de Coordinacion Y Control Operacional
 DHD Unidentified
 DHN Venezuelan Navy's Direccion de Hidrografia y Navegacion
 DIVIMCO1 Unidentified
 F21 Frigate Mariscal Sucre
 F22 Frigate Almirante Brion
 F26 Frigate Almirante Garcia
 FALCON Base Naval "Mariscal Juan Crisóstomo Falcón"
 GC11 Frigate "Almirante Clemente" GC-11 Venezuelan Coast Guard
 GC12 Frigate " General Jose Trinidad Moran" GC-12 Venezuelan Coast Guard
 LLANOS Amphibious Support Ship, "Los Llanos", T-64
 MACABRO Unidentified
 MASCARA Unidentified
 PC13 Constitution-class Missile craft, "Independencia" PC-13
 PR1 River Patrol Craft "Lago1" PBR-1
 PR2 River Patrol Craft "Lago2" PBR-2
 PR4 River Patrol Craft "Lago 4" PBR-4,
 PUNTABRAVA Oceanographic Support Ship "Punta Brava", BO-11
 REDJEFE Unidentified, literally means "main net"
 RIONEGRO1 Venezuelan National Guard Protector-class patrol craft
 SUCRE Frigate "Mariscal Sucre", F-21
 T61 LST "Capana"
 T63 LSM "Gojaira"
 T64 LSM "Los Llanos"
 T81 Replenishment Oiler " Ciudad Bolivar"
 VARGAS Commando de Vigilancia Costera, La Guaira, Estado Vargas.

Venezuelan Military Unit List:

 2MA6 Special Operations Unit
 2MA8 Special Operations Unit
 4MA0 Special Operations Unit
 5MA0 Special Operations Unit
 BLAZER3411D 3411st Tactical Comms Coy (341st Tac Comms Bn)
 CCM23 Mobile Command Center, 23rd Inf Bde Centro Commando Movil
 CCM33 Mobile Command Center, 33rd Inf Bde-Centro Commando Movil
 CRM7 Commander, Military Region 7
 CUFAN Unified Armed Forces Command

13th Inf Bde
 22nd Inf Bde
 23rd Special Operations & Security Bde
 24th Inf Bde
 25th Inf Bde
 31st Inf Bde
 32nd Inf Bde
 41st Armored Bde
 42nd Armored Bde
 43rd Armored Bde
 51st Jungle Inf Bde
 52nd Jungle Inf Bde
 102nd Motorized Inf Group
 131st Motorized Inf Bn
 222nd Motorized Inf Bn
 224th Motorized Inf Bn
 311th Motorized Inf Bn
 340th Tactical Comms Bn
 341st Tactical Comms Bn

347th Tactical Comms Bn
 348th Tactical Comms Bn
 349th Tactical Comms Bn
 431st Motorized Cavalry Group
 432nd Motorized Cavalry Group
 433rd Motorized Cavalry Group
 442nd Armored Bn
 501st Hqs Bn
 511th Jungle Inf Bn
 512th Jungle Inf Bn
 513th Jungle Inf Bn
 514th Jungle Inf Bn
 521st Jungle Inf Bn

=====

NON-UNITED STATES GOVERNMENT NETS

+++++

*Australia

+++++

Austalian Customs Service

=====

Frequencies (USB): 2148.0 5285.0 7960.0 10435.0 13591.0

*UNITED STATES GOVERNMENT LISTINGS

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U.S. Government SHARES (Shared Resources)Program

=====

SHARES Coordination Network (SCN)

Frequency/Designator Matrix

4490.0 Channel 3/SCN ALE Net
 4573.5 Alternate frequency for channel 1 voice check-in
 5236.0 Channel 1/SCN Voice Net
 5711.0 Channel 4/SCN ALE Net
 6800.0 Channel 9/SCN BBS Net
 9106.0 Channel 5/SCN ALE Net
 10586.5 Channel XF
 11217.0 Channel 6/SCN ALE Net
 13242.0 Channel 10/SCN BBS Net (G-TOR)
 14396.5 Channel 2/SCN Voice Net
 14898.5 Alternate frequency for channel 2 voice check-in
 15094.0 Channel 7/SCN ALE Net
 17487.0 Channel 8/SCN ALE/STI Net

SHARES coordination stations conduct a weekly SHARES net on the ten SCN channels every wednesday from 1600-1800 UTC.

Large scale annual SHARES exercises are conducted in April, August and December.

SCN Operational Levels

SCN Operational Levels are designed to improve the responsiveness of the SHARES Coordination Network during emergencies. SCN Operational Levels are defined as follows:

Operational Level 3 - Conditions normal. No emergency exists. The ten-channel SCN may be used by SHARES station personnel for training and non-emergency operations.

Operational Level 2 - Emergency potential exists. Non-emergency operations on the SCN suspended. SCN monitoring increased. Check-in windows established on the national and regional nets to receive Stations Availability Reports.

Operational Level 1 - Emergency exists. SHARES message support required. National and regional nets maintain full-period operations to receive Station Availability Reports, to list SHARES message traffic, and to coordinate the processing of SHARES messages.

U.S. Immigration and Customs Enforcement (ICE)
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The COTHEN (Customs Over the Horizon Enforcement Net) HF radio system has replaced the older JTF designated systems and those frequencies/designators have been removed from this list.

- 5732.0 Scan 1
- 7527.0 Scan 2
- 8912.0 Scan 3
- 10242.0 Scan 4
- 11494.0 Scan 5
- 13907.0 Scan 6
- 15867.0 Scan 7
- 18594.0 Scan 8
- 20890.0 Scan 9
- 23214.0 Scan 10
- 25350.0 Scan 11

Confirmed HF COTHEN stations and callsigns:

- KAE 315 Miami, Florida
- KAE 326 Las Vegas, Nevada
- KAE 371 Boston, Massachusetts
- KAE 378 Reno, Nevada
- KAE 381 Homestead, Florida
- KAE 384 Wilmington, North Carolina
- KAE 388 Riverside, California
- KAE 398 Washington, District of Columbia
- KAE 462 Houston, Texas
- KAE 470 New Orleans, Louisiana
- KAE 484 Denver, Colorado
- KAQ 687 Beaufort, North Carolina
- KAQ 688 New Bern, North Carolina
- KEB 762 Albuquerque, New Mexico
- KEB 765 Myrtle Beach, South Carolina
- KOQ 434 Morehead City, North Carolina
- KOQ 682 Cedar Rapids, Iowa
- KPS 357 Salt Lake City, Utah
- KPS 387 Hampton, Georgia
- KPS 394 Cape Charles, Virginia
- KPS 395 Atlanta, Georgia
- KPS 396 Memphis, Tennessee
- KZP 602 Oklahoma City, Oklahoma
- KZP 604 Nashville, Tennessee
- KZP 606 Kansas City, Missouri

There are two other known stations in the COTHEN HF net we do not have calls for. They are located in Lovelock and Fallon, Nevada. Can anyone help on these two stations?

Selected voice calls monitored on COTHEN

- 15C USCG HH-60J
- 18C USCG HH-60J
- 38C USCG HH-60J
- F35 USCG HU-25
- F39 USCG HU-25
- F40 USCG HU-25
- 503 USCG HC-130
- 718 USCG HC-130
- 707 USCG HC-130
- 1716 USCG HC-130

U.S. Drug Enforcement Administration
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Frequency/Designator Matrix (USB)
 5277.0 Alpha (Night DEA Primary)
 5841.0 Bravo
 7300.0 Charlie
 9497.0 Delta
 11076.0 Echo (Day DEA Operations)
 7657.0 Foxtrot
 14690.0 Golf
 18666.0 Hotel (Reportedly returned to FBI in 1995)
 23675.0 India
 14350.0 Lima
 14686.0 Papa (DEA day Primary)
 23402.5 Romeo
 ? Sierra Alpha
 ? Sierra Bravo
 11073.5 Sierra Echo
 17171.0 Sierra Hotel
 18171.0 Sierra India (Reportedly returned to FBI in 1995)
 19131.0 Sierra Juliet
 ? Sierra Lima

WUN member John Bohn offered some updates to the "Sierra" frequencies listed above, but is looking for the frequency assigned to the 'Sierra Lima' designator. John says that if you have access to an FCC database, try searching for the frequencies assigned to Rockwell International with the following callsigns:

KA2XXA Richardson, TX
 KC2XKG Cedar Rapids, IA
 KC2XKJ Newport Beach, CA

The unknown "SB" and "SL" frequencies may be one of the following: 26946.0, 20348.5, 17171.0, 16376.0 and 16341.0 kHz. Rick Baker says that 18971.0 kHz may also be another.

U.S. Federal Aviation Administration

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 HF Recovery Communications (RCOM)

The Recovery Communications (RCOM) Program, mandated by a variety of United States national level documents including Presidential Executive Orders and National Security Decision Directives, was established to encompass all FAA emergency command and control communications (C3) systems and projects under one program. Emergency C3 systems are defined as those means of communications that the FAA employs to direct management, operations, and reconstitution of the National Airspace System (NAS) in support of Federal Aviation Administration (FAA), Department of Transportation (DOT), and Department of Defense (DOD) missions during national disasters or national security emergencies.

The FAA maintains a variety of fixed-position, portable, and transportable C3 communications systems for use in support of emergency operations. One such commonly heard C3 system is the RCOM/NARACS High Frequency/Single Side Band (HF/SSB) Net.

In 1995, the FAA approved the deployment of the RCOM HF/SSB upgrades and a five-year contract was awarded to Eastern Computer Incorporated (ECI) for the purpose of upgrading the FAA RCOM/National Radio Communications System (NARACS) HF network. ECI has installed the RCOM HF/SSB upgrade at all the FAA Region Offices and Emergency Operations Centers, and is the final phases of installing the NARACS/ALE upgrades at all Air Route Traffic Control Centers (ARTCCs).

FAA HF connectivity nets are conducted on Wednesday UTC. The East Coast net meets at 1545 UTC on 8125.0 kHz with KIT 88 as net control. The West Coast net was last reported on 13630.0 kHz at 1845 UTC.

FAA Recovery Communications/National Radio Communications System
(RCOM/NARACS) HF SSB Network (U=USB/L=LSB)

Frequencies (including ALE): 5860.0U 6870.0U 6870.0L 7475.0U/L 7611.0U/L
8125.0U/L 9114.0U/L 11637.0U 13457.0U 13630.0U 15851.0U 16348.0U kHz

Station List:

ALE Add	Location	Miscellaneous Information
DEFAULT	Unknown	Probably a FAA unit that has not set their ALE ID properly in their unit
FAA	Unknown	Probably not a properly loaded unit, has not been seen as a regular participant on the net
FAAAAL	Anchorage, AK	KDM 53-Alaska Region Office/EOC
FAAAACE	Kansas City, MO	KKU 40-Central Region Office/EOC
FAAAACT	Atlantic City, NJ	KLM 80-william J. Hughes Tech Center
FAAACY	Atlantic City, NJ	WHZ 74-Flight Inspect Field Office
FAAAEA	Jamaica, NY	KJK 82-Eastern Region Office/EOC
FAAAGL	Des Plaines, IL	WHX 51-Great Lakes Region Office/EOC
FAAANE	Burlington, MA	WHX 45-New England Region Office/EOC
FAAANC	Anchorage, AK	WHZ 73-Flight Inspect Field Office
FAAANM	Renton, WA	WHX 20-NW Mtn Region Office/EOC
FAAASO	College Park, GA	KDM 49-Southern Region Office/EOC
FAAASW	Fort worth, TX	KDM 47-Southwest Region Office/EOC
FAAATL	Atlanta, GA	KLM 44-Flight Inspect Field Office
FAAAWP	Fremont, CA	KMR 96-Oakland ARTCC
FAABTL	Battle Creek, MI	KLM 43-Flight Inspect Field Office
FAADCA	Washington, DC	KEM 80-FAA Headquarters
FAAECI	Unknown	Eastern Computer Incorporated Contractor for FAA ARTCC RCOM HF Network upgrade)
FAAEKN	Unknown	And this is NOT a stn in Elkins, WV
FAAKLO	Boonsboro, MD	KLO 87-FAA Emergency Relocation Site <Tentative ID>
FAALGT	Longmont, CO	KCP 63-western US C3 NCS/SCS Mtn
FAAMRB	Martinsburg, WV	KIT 88-Eastern US C3 Net NCS
FAAOEX	Oklahoma City, OK	KIA 21-FAA Aeronautical Center
FAAOKC	Oklahoma City, OK	WHZ 77-Flight Inspect Field Office
FAASAC	Sacramento, CA	WHZ 78-Flight Inspect Field Office
FAASJU	San Juan, PR	KDM 45-San Juan ARTCC
FAAZAB	Albuquerque, NM	KGH 23-Albuquerque ARTCC
FAAZAN	Anchorage, AK	KBX 44-Anchorage ARTCC
FAAZBW	Nashua, NH	KLD 70-Boston ARTCC
FAAZDC	Leesburg, VA	KJK 80-washington ARTCC
FAAZDV	Longmont, CO	KCJ 70-Denver ARTCC
FAAZFW	Fort worth, TX	KBQ 25-Fort worth ARTCC
FAAZHU	Houston, TX	KMU 31-Houston ARTCC
FAAZID	Indianapolis, IN	KLB 48-Indianapolis ARTCC
FAAZJX	Hilliard, FL	KJK 79-Jacksonville ARTCC
FAAZKC	Olathe, KS	KKA 82-Kansas City ARTCC
FAAZLA	Palmdale, CA	KJK 77-Los Angeles ARTCC
FAAZLC	Salt Lake Cty, UT	KDC 20-Salt Lake City ARTCC
FAAZMA	Miami, FL	KMA 47-Miami ARTCC
FAAZME	Memphis, TN	KDM 52-Memphis ARTCC
FAAZMP	Farmington, MN	KCJ 20-Minneapolis ARTCC
FAAZNY	Ronkonkoma, NY	KCD 73-New York ARTCC
FAAZOA	Fremont, CA	KMR 96-Oakland ARTCC
FAAZOB	Cleveland, OH	KLA 25-Cleveland ARTCC
FAAZSE	Auburn, WA	WHX 44-Seattle ARTCC
FAAZTL	Hampton, GA	KUV 64-Atlanta ARTCC
FAAZUA	Aurora, IL	KJB 96-Chicago ARTCC

1. FAA Southern Net meets on wednesday at 0900 ET on 6870 kHz LSB
2. FAA Western Net meets on wednesday at 1230 ET on 13457 kHz USB
3. FAA Eastern Net meets on wednesday at 1045 ET on 8125 kHz USB
NCS: KIT88. Regular checkins: KEM80, KLM80, KLO87, KJK82, WHX45, KLD70, KJK80, WHX51, KJB96, KLA25, KLB48, KCJ20, KIA21, KDM49, KJK79, KMA47, KDM52, KUV64

Special thanks to Jack Metcalfe for his assistance in this section.

U.S. Federal Emergency Management Agency

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FEMA National Radio System (FNARS) HF Frequencies

Frequency/Designator Matrix (USB/LSB)

F-01 2320.0	F-02 2360.0	F-03 2377.0	F-04 2445.0
F-05 2658.0*	F-06 3341.0*	F-07 3379.0	F-08 3388.0**
F-09 4603.0	F-10 4780.0**	F-11 5211.0	F-12 5378.0**
F-13 5402.0**	F-14 5821.0	F-15 5961.0**	F-16 6049.0
F-17 6106.0	F-18 6108.0	F-19 6151.0**	F-20 6176.0
F-21 6809.0*	F-22 7348.0*	F-23 7428.0**	F-24 9462.0*
F-25 10194.0*	F-26 10493.0*	F-27 10588.0*	F-28 11721.0
F-29 11801.0	F-30 11957.0	F-31 10899.0**	F-32 11108.0**
F-33 12129.0	F-34 12216.0*	F-35 11545.0	F-36 13446.0*
F-39 13780.0	F-38 13894.0**	F-37 13935.0	F-48 13956.0
F-41 14450.0	F-40 14567.0	F-42 14776.0*	F-43 14836.0
F-47 14871.0	F-44 14885.0*/**	F-45 14899.0**	F-46 14908.0**
F-50 15708.0*	F-49 15840.0	F-51 16201.0*	F-52 16238.0
F-53 17519.0*	F-54 18483.0	F-55 18744.0	F-57 19969.0*
F-58 20027.0	F-59 20063.0	F-56 20361.0	F-60 21866.0*
F-61 21919.0	F-62 22983.0*	F-63 23028.0	F-64 23390.0
F-65 23451.0	F-66 23550.0	F-67 23814.0	F-68 24008.0
F-69 24282.0	F-70 24526.0*	F-71 24819.0	

* indicates an old FEMA ALE network frequency

** indicated a new FEMA ALE network frequency

Note: It would appear that the designators above have changed and reports on this system would be appreciated.

Jack Metcalfe reported on the last weekend in July 2003 a new series of frequencies for the FEMA ALE net that have replaced the frequencies above. Please note the following frequencies are being used:

10899.0 11108.0 12112.0 13894.0 14885.0 14899.0 14908.0

Other FEMA ALE Frequencies

2414.0 4490.0 5135.0 5711.0 6151.0 7805.0 7806.4 8012.0 8050.0
 9106.0 10899.0 11108.0 11217.0 12112.0 11957.0 13984.0 15094.0
 17487.0 20107.0 22953.0

The information below was published in official MARS documents that are openly available on several internet websites. According to these MARS documents these designators are to be used by the membership in order to provide some sort of security for the FEMA National Emergency Coordination Net (NECN). The various MARS branches are suppose to use the designators below instead of announcing frequencies on the air.

Designator Frequency Mode

FEMA-1U	5211.0	USB
FEMA-1L	5211.0	LSB
FEMA-2U	10493.0	USB
FEMA-2L	10493.0	LSB
FEMA-3U	14567.0	USB
FEMA-3L	14567.0	LSB
FEMA-4U	13956.0	USB
FEMA-4L	13956.0	LSB

Other FEMA HF Assignments

2220.0 2258.0 2280.0 2317.5 2652.0 3206.5 3224.0 3342.5 4018.5
 4023.5 4031.5 4441.5 4598.5 4608.5 4883.5 4886.5 5303.5 5379.5
 5935.0 6804.5 6996.5 7361.5 8051.5 8161.5 9122.5 10871.5 11995.5
 12112.0 12250.5 13451.0 16315.5 17461.5 17481.5 17501.5 20414.0
 20444.5 20447.5 24060.0 24105.0 24135.0 24160.0 24191.0

Also published on open internet websites the following callsign list. MARS has now assigned callsigns listed below to the FEMA Mobile Emergency Response Support (MERS) Detachment Stations.

- A. FEMA REGION 1:
 - AAN1FMA, MAYNARD, MA
 - AAN1FMB, MOBILE
 - AAN1FMC, MOBILE
 - AAN1FMD, MAYNARD, MA
- B. FEMA REGION 3
 - AAN3FMA, MT. WEATHER, VA
- C. FEMA REGION 4
 - AAN4FMA, THOMASVILLE, GA
 - AAN4FMB, MOBILE
 - AAN4FMC, MOBILE
 - AAN4FMD, MAYNARD, GA
 - AAN4FME, MAYNARD, GA
- D. FEMA REGION 6
 - AAN6FMA, DENTON, TX
 - AAN6FMB, MOBILE
 - AAN6FMC, MOBILE
 - AAN6FMD, DENTON, TX
 - AAN6FME, DENTON, TX
 - AAN6FMF, DENTON, TX
 - AAN6FMG, DENTON, TX
- E. FEMA REGION 8
 - AAN8FMA, DENVER, CO
 - AAN8FMB, MOBILE
 - AAN8FMC, MOBILE
 - AAN8FMD, DENVER, CO
- F. FEMA REGION 10
 - AAN0FMA, BROTHELL, WA

Scheduled Government HF Nets

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Here is a list of the known United States Government nets.

++Federal Aviation Administration++

Southern Region Net meets on wednesday at 0900 ET on 6870.0 LSB
 Eastern Region Net meets on wednesday at 1045 ET on 8125.0 USB
 Western Region Net meets on wednesday at 1230 ET on 13457.0 USB

++Federal Highway Administration (FHWA) Region 7 Coordination Net++

This net starts at 1000 ET every wednesday using the following times and frequencies (last heard 20 Aug 2003):

Time(H+min)	Freq Desig	Freq (kHz)
H+00	F-14	4821.0
H+10	F-02	5255.0
H+20	F-03	7419.5
H+30	F-04	9197.0
H+40	F-05	10891.0
H+50	F-42	13434.0
H+60	Net Terminated	

++Missouri State Emergency Communications Net++

Wednesday weekly net at 0930 CT (1530 winter/1430 summer UTC) on 5140.0 kHz USB.

++New Hampshire Emergency Operations Centers++

Here's what Ron Perron has compiled on the New Hampshire Emergency Operations Center net. It is stuff that Jack Metcalfe, Mike Chace and Ron have all posted. Jack did the original work on the frequencies and ALE addresses. The net just grew from there as we listened in.

Frequencies (USB/ALE): 2414.0 5135.0 5136.6 5192.0 5193.4 7805.0 7806.4

Station List:

BE1RL Berlin EOC
 CE1NT Centerville EOC
 CO1NC Concord EOC

HILL Hillsborough EOC
 KELEN Keene EOC
 LAINC Lancaster EOC
 MILLF Milford EOC
 NAISH Nashua EOC
 PEITE Peterborough EOC
 ROICH Rochester EOC
 WPFJ625 New Hampshire State EOC, Concord NH

++Ohio Disaster Services Agency++
 Tuesday weekly net at 1400 UTC on 4640.0 kHz USB.
 Anyone else have any scheduled HF government nets they are aware of?

++Shared Resources (SHARES)++
 SHARES Coordination stations conduct a weekly net on all ten SCN frequencies (see US Government SHARES Program section below). The net is operational weekly on Wednesday from 1600-1800 UTC.

 -30-

Nautical News
 Monitoring Maritime Frequencies

Edited by Robert Maskill G4PYR Peterborough England.

Firstly Happy New year to all of you; we had a quiet Christmas I am pleased to say and have recovered from over eating and lack of exercise!!

Where has all the SITOR gone?

 Earlier this year we asked the question "Where has all the WT gone". Now a new question. For basically the same reasons - the advent of GMDSS and the loss of the ship's Radio Officer (with telex protocol operating skills) and the subsequent move to alternative data systems with a front-end similar to a email client on the Internet, and requiring no operating skills.

So what is on-air at this point in time? A number of stations, still reported active and listed below, (from the ITU NBDP (Narrowband direct printing) channels sub-band and listed in ascending order of those channels) may/may not be operative. Some haven't been heard for some time; some can be heard radiating a channel free marker; some may still be operative but do not radiate a channel free marker when idle.

It would be interesting to see some logs to confirm which stations are still operative, and more particularly handling traffic before these services likewise disappear, in favour of faster and more efficient systems, and the ITU reorganising the maritime HF sub-bands.

Station	Country	C/sign	ITU Chan	Coast Freq	Ship Freq
Alexandria	Egypt	SUH	215	1614.0	2149.0
Bahrain	Bahrain	A9M	401	4210.5	4172.5
Rome	Italy	IAR	401	4210.5	4172.5
Murmansk	Russia	UHS	401	4210.5	4172.5
Vladivostok	Russia	UFL	403	4211.5	4173.5
Mariupol	Ukraine	UIW	403	4211.5	4173.5
CAMSLANT	USA	NMN	404	4212.0	4174.0
Honolulu	USA	NMO	404	4212.0	4174.0

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Kholmstk	Russia	UDB2	404	4212.0	4174.0
Provideniya Bukhta	Russia	UGH3	404	4212.0	4174.0
Ghangzhou	China	XSQ	404	4212.0	4174.0
Petropavlosk-Kamchatskiy	Russia	UBE	405	4212.5	4174.5
Shanghai	China	XSG	405	4212.5	4174.5
Tianjin	China	XSV	405	4212.5	4174.5
Olympia	Greece	SVO	406	4213.0	4175.0
Mobile	USA	WLO	406	4213.0	4175.0
Kodiak	USA	NOJ	407	4213.5	4175.5
Panama Intelmar	Panama	HPP	408	4214.0	4176.0
Valparaiso	Chile	CBV	409	4214.5	4176.5
Olympia	Greece	SVO	409	4214.5	4176.5
Sao Vicente de Cabo Verde	Cape Verde	D4A	410	4215.0	4177.0
Shanghai	China	XSG	410	4215.0	4177.0
Panama Intelmar	Panama	HPP	412	4215.5	4178.0
Point Reyes	USA	NMC	412	4215.5	4178.0
Guam	Guam	NRV	412	4215.5	4178.0
Chah Bahar	Iran	EQJ	413	4216.0	4178.5
Bushehr	Iran	EQM	413	4216.0	4178.5
Olympia	Greece	SVO	413	4216.0	4178.5
Istanbul	Turkey	TAH	413	4216.0	4178.5
Rome	Italy	IAR	414	4216.5	4179.0
Tokyo	Japan	JNA	414	4216.5	4179.0
Odesa	Ukraine	UTT	417	4216.5	4179.0
Karachi	Pakistan	ASK	416	4217.5	4180.0
Valparaiso	Chile	CBV	416	4217.5	4180.0
Maritime Comms Office	Philippine	DZX	416	4217.5	4180.0
Colombo	Sri Lanka	4PB	417	4218.0	4180.5
Bandare Eman Khomeyni	Iran	EQN	417	4218.0	4180.5
Lisbon	Portugal	CUL	418	4218.5	4181.0
Varna	Bulgaria	LZW	418	4218.5	4181.0
Colombo	Sri Lanka	4PB	419	4219.0	4181.5
Istanbul	Turkey	TAH	419	4219.0	4181.5
Ghangzhou	China	XSQ	419	4219.0	4181.5
Panama Intelmar	Panama	HPP	602	6315.0	6263.5
Bitung	Indonesia	PKM	602	6315.0	6263.5
Mariupol	Ukraine	UIW	603	6315.5	8664.0
CAMSLANT	USA	NMN	604	6316.0	6264.5
Honolulu	USA	NMO	604	6316.0	6264.5
Surabaya	Indonesia	PKD	604	6316.0	6264.5
Semarang	Indonesia	PKR	604	6316.0	6264.5
Petropavlosk-Kamchatskiy	Russia	UBE	604	6316.0	6264.5
Novorossiysk	Russia	UFN	604	6316.0	6264.5
Ghangzhou	China	XSQ	604	6316.0	6264.5
Boufarik	Algeria	7TK22	605	6316.5	6265.0
Moscow	Russia	UAT	605	6316.5	6265.0
Provideniya Bukhta	Russia	UGH3	605	6316.5	6265.0
Jayapura	Indonesia	PNK	606	6317.0	6265.5
Odesa	Ukraine	UTT	606	6317.0	6265.5
Mobile	USA	WLO	606	6317.0	6265.5
Kodiak	USA	NOJ	607	6317.5	6266.0
Kupang	Indonesia	PKK	608	6318.0	6266.5
Alexandria	Egypt	SUH	609	6318.5	6267.0
Vladivostok	Russia	UFL	609	6318.5	6267.0
Jakarta	Indonesia	PKX	610	6319.0	6267.5
Nakhodka	Russia	UFC2	610	6319.0	6267.5
Guam	Guam	NRV	612	6319.5	6268.5
Tokyo	Japan	JNA	614	6320.5	6269.5
Olympia	Greece	SVO	614	6320.5	6269.5
Maritime Comms Office	Philippine	DZX	616	6321.5	6270.5
Olympia	Greece	SVO	616	6321.5	6270.5
Kaliningrad	Russia	UIW	616	6321.5	6270.5
Hong Kong	China	VRX	618	6322.5	6271.5
Point Reyes	USA	NMC	620	6323.5	6272.5
Murmansk	Russia	UHS	623	6325.0	6274.0
Olympia	Greece	SVO	624	6325.5	6274.5
Kholmstk	Russia	UDB2	624	6325.5	6274.5

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Shanghai	China	XSG	625	6326.0	6275.0
Mariupol	Ukraine	UIW	626	6326.5	6275.5
Moscow	Russia	UAT	628	6327.5	6281.5
Lisbon	Portugal	CUL	630	6328.5	6263.5
Colombo	Sri Lanka	4PB	631	6329.0	6283.0
Ghangzhou	China	XSQ	631	6329.0	6283.0
Karachi	Pakistan	ASK	632	6329.5	6283.5
Varna	Bulgaria	LZW	633	6330.0	6284.0
Benoa	Indonesia	PKD5	633	6330.0	6284.0
Shanghai	China	XSG	633	6330.0	6284.0
Makassar	Indonesia	PKF	801	8376.5	8376.5
Kupang	Indonesia	PKK	802	8417.0	8377.0
Kosseir	Egypt	SUK	803	8417.5	8377.5
Odesa	Ukraine	UTT	803	8417.5	8377.5
Tianjin	China	XSV	803	8417.5	8377.5
Chah Bahar	Iran	EQJ	804	8418.0	8378.0
Bushehr	Iran	EQM	804	8418.0	8378.0
Rome	Italy	IAR	804	8418.0	8378.0
Surabaya	Indonesia	PKD	804	8418.0	8378.0
Cotonou	Benin	TYA	804	8418.0	8378.0
Sao Vicente de Cabo Verde	Cape Verde	D4A	805	8418.5	8378.5
Mobile	USA	WLO	806	8419.0	8379.0
Colombo	Sri Lanka	4PB	807	8419.5	8379.5
Tokyo	Japan	JNA	807	8419.5	8379.5
Kodiak	USA	NOJ	807	8419.5	8379.5
Belawan	Indonesia	PKB	807	8419.5	8379.5
Makassar	Indonesia	PKF	807	8419.5	8379.5
Semarang	Indonesia	PKR	807	8419.5	8379.5
Petropavlosk-Kamchatskiy	Russia	UBE	808	8420.0	8380.0
Valparaiso	Chile	CBV	809	8420.5	8380.5
Panama Intelmar	Panama	HPP	809	8420.5	8380.5
Lisbon	Portugal	CUL	810	8421.0	8381.0
Makassar	Indonesia	PKF	810	8421.0	8381.0
Mobile	USA	WLO	810	8421.0	8381.0
Boufarik	Algeria	7TK24	811	8421.5	8381.5
Varna	Bulgaria	LZW	811	8421.5	8381.5
Olympia	Greece	SVO	811	8421.5	8381.5
Hong Kong	China	VRX	811	8421.5	8381.5
Karachi	Pakistan	ASK	812	8422.0	8382.0
Bandare Eman Khomeyni	Iran	EQN	812	8422.0	8382.0
Guam	Guam	NRV	812	8422.0	8382.0
Provideniya Bukhta	Russia	UGH3	812	8422.0	8382.0
Mariupol	Ukraine	UIW	813	8422.5	8382.5
Ghangzhou	China	XSQ	813	8422.5	8382.5
Bitung	Indonesia	PKM	814	8423.0	8383.0
Olympia	Greece	SVO	814	8423.0	8383.0
Vladivostok	Russia	UFL	814	8423.0	8383.0
Mobile	USA	WLO	815	8423.5	8383.5
Valparaiso	Chile	CBV	816	8424.0	8384.0
Maritime Comms Office	Philippine	DZX	816	8424.0	8384.0
Olympia	Greece	SVO	816	8424.0	8384.0
Panama Intelmar	Panama	HPP	817	8424.5	8384.5
Hong Kong	China	VRX	817	8424.5	8384.5
Shanghai	China	XSG	819	8425.5	8385.5
Rome	Italy	IAR	820	8426.0	8386.0
Point Reyes	USA	NMC	820	8426.0	8386.0
Kaliningrad	Russia	UIW	820	8426.0	8386.0
Bahrain	Bahrain	A9M	823	8427.5	8387.5
CAMSLANT	USA	NMN	824	8428.0	8388.0
Jakarta	Indonesia	PKX	824	8428.0	8388.0
Chi-Lung	Taiwan	XSX	824	8428.0	8388.0
Ghangzhou	China	XSQ	826	8429.0	8389.0
Honolulu	USA	NMO	827	8429.5	8389.5
Murmansk	Russia	UHS	827	8429.5	8389.5
Mumbai	India	VWB	827	8429.5	8389.5
Shanghai	China	XSG	828	8430.0	8390.0
Colombo	Sri Lanka	4PB	830	8431.0	8391.0

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Istanbul	Turkey	TAH	830	8431.0	8391.0
Ghangzhou	China	XSQ	830	8431.0	8391.0
Moscow	Russia	UAT	831	8431.5	8391.5
Mariupol	Ukraine	UIW	832	8432.0	8392.0
Novorossiysk	Russia	UFN	833	8432.5	8392.5
Benoa	Indonesia	PKD5	834	8433.0	8393.0
Shanghai	China	XSG	834	8433.0	9393.0
Istanbul	Turkey	TAH	836	8434.0	8394.0
Colombo	Sri Lanka	4PB	838	8435.0	8395.0
Ghangzhou	China	XSQ	838	8435.0	8395.0
Shanghai	China	XSG	840	8436.0	8396.0
Ho Chi Minh ville	Vietnam	XVS	816	8484.0	8384.0
Surabaya	Indonesia	PKD	1202	12580.0	12477.5
Cotonou	Benin	TYA	1204	12581.0	12478.5
Mumbai	India	VWB	1205	12581.5	12479.0
Mobile	USA	WLO	1205	12581.5	12479.0
Tianjin	China	XSV	1205	12581.5	12479.0
Bitung	Indonesia	PKM	1206	12582.0	12479.5
Panama Intelmar	Panama	HPP	1208	12583.0	12480.5
Valparaiso	Chile	CBV	1209	12583.5	12481.0
Odesa	Ukraine	UTT	1209	12583.5	12481.0
Sao Vincente de Cabo Ver	Cape Verde	D4A	1210	12584.0	12481.5
Belawan	Indonesia	PKB	1211	12584.5	12482.0
Mariupol	Ukraine	UIW	1211	12584.5	12482.0
Mobile	USA	WLO	1211	12584.5	12482.0
Ghangzhou	China	XSQ	1211	12584.5	12482.0
Guam	Guam	NRV	1212	12585.0	12482.5
Makassar	Indonesia	PKF	1211	12585.5	12482.0
Hong Kong	China	VRX	1213	12585.5	12483.0
Colombo	Sri Lanka	4PB	1214	12586.0	12483.5
Valparaiso	Chile	CBV	1216	12587.0	12484.5
Maritime Comms Office	Philippine	DZX	1216	12587.0	12484.5
Varna	Bulgaria	LZW	1216	12587.0	12484.5
Olympia	Greece	SVO	1217	12587.0	12485.0
Panama Intelmar	Panama	HPP	1218	12588.0	12485.5
Jayapura	Indonesia	PNK	1218	12588.0	12485.5
Honolulu	USA	NMO	1220	12589.0	12486.5
Tokyo	Japan	JNA	1222	12590.0	12487.5
Olympia	Greece	SVO	1223	12590.5	12488.0
Hong Kong	China	VRX	1224	12591.0	12488.5
Vladivostok	Russia	UFL	1225	12591.5	12489.0
Hai Phong	Vietnam	XVG	1225	12591.5	12489.0
CAMSLANT	USA	NMN	1227	12592.5	12490.0
Kholmok	Russia	UDB2	1227	12592.5	12490.0
Mariupol	Ukraine	UIW	1227	12592.5	12490.0
Bahrain	Bahrain	A9M	1231	12594.5	12492.0
Lisbon	Portugal	CUL	1232	12595.0	12492.5
Jakarta	Indonesia	PKX	1232	12595.0	12492.5
Petropavlosk-Kamchatskiy	Russia	UBE	1236	12597.0	12494.5
Novorossiysk	Russia	UFN	1237	12597.5	12495.0
Provideniya Bukhta	Russia	UGH3	1239	12598.5	12496.0
Chi-Lung	Taiwan	XSX	1240	12599.0	12496.5
Moscow	Russia	UAT	1241	12599.5	12497.0
Boufarik	Algeria	7TK27	1242	12600.0	12497.5
Point Reyes	USA	NMC	1242	12600.0	12497.5
Ghangzhou	China	XSQ	1243	12600.5	12498.0
Novorossiysk	Russia	UFN	1246	12602.0	12499.5
Rome	Italy	IAR	1247	12602.5	12500.0
Olympia	Greece	SVO	1249	12603.5	12501.0
Kaliningrad	Russia	UIW	1254	12606.0	12503.5
Vladivostok	Russia	UFL	1257	12607.5	12505.0
Moscow	Russia	UAT	1258	12608.0	12505.5
Colombo	Sri Lanka	4PB	1260	12609.0	12506.5
Karachi	Pakistan	ASK	1263	12610.5	12508.0
Ghangzhou	China	XSQ	1268	12613.0	12510.5
Mariupol	Ukraine	UIW	1272	12615.0	12512.5
Bandare Eman Khomeyni	Iran	EQN	1280	12619.0	12516.5

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Ghangzhou	China	XSQ	1288	12622.5	12520.5
Mariupol	Ukraine	UIW	1298	12627.5	12525.5
Istanbul	Turkey	TAH	12112	12634.5	12532.5
Murmansk	Russia	UHS	12118	12637.5	12535.5
Shanghai	China	XSG	12118	12637.5	12535.5
Shanghai	China	XSG	12128	12642.5	12540.5
Mariupol	Ukraine	UIW	12134	12645.5	12543.5
Ghangzhou	China	XSQ	12140	12648.5	12546.5
Shanghai	China	XSG	12142	12649.5	12547.5
Istanbul	Turkey	TAH	12151	12654.0	12557.0
Tianjin	China	XSV	1603	16808.0	16684.5
Mumbai	India	VWB	1604	16808.5	16685.0
Mobile	USA	WLO	1605	16809.0	16685.5
Panama Intelmar	Panama	HPP	1607	16810.0	16686.5
Surabaya	Indonesia	PKD	1607	16810.0	16686.5
Moscow	Russia	UAT	1608	16810.5	16687.0
Valparaiso	Chile	CBV	1609	16811.0	16687.5
Bahrain	Bahrain	A9M	1610	16811.5	16688.0
Sao Vincente de Cabo Verde	Cape Verde	D4A	1610	16811.5	16688.0
Bandare Eman Khomeyni	Iran	EQN	1611	16812.0	16688.5
Tokyo	Japan	JNA	1611	16812.0	16688.5
Belawan	Indonesia	PKB	1611	16812.0	16688.5
Jayapura	Indonesia	PNK	1611	16812.0	16688.5
Ghangzhou	China	XSQ	1611	16812.0	16688.5
Guam	Guam	NRV	1612	16812.5	16689.0
Moscow	Russia	UAT	1613	16813.0	16689.5
Dumai	Indonesia	PKP	1615	16814.0	16690.5
Mobile	USA	WLO	1615	16814.0	16690.5
Valparaiso	Chile	CBV	1616	16814.5	16691.0
Maritime Comms Office	Philippine	DZX	1616	16814.5	16691.0
Olympia	Greece	SVO	1617	16815.0	16691.5
Moscow	Russia	UAT	1618	16815.5	16692.0
Point Reyes	USA	NMC	1620	16816.5	16693.0
Petropavlosk-Kamchatskiy	Russia	UBE	1622	16817.5	16694.0
Olympia	Greece	SVO	1623	16818.0	16694.5
CAMSLANT	USA	NMN	1627	16819.5	16696.5
Honolulu	USA	NMO	1627	16819.5	16696.5
Jakarta	Indonesia	PKX	1627	16819.5	16696.5
Rome	Italy	IAR	1628	16820.0	16697.0
Bitung	Indonesia	PKM	1630	16821.0	16698.0
Hong Kong	China	VRX	1630	16821.0	16698.0
Panama Intelmar	Panama	HPP	1633	16822.5	16699.5
Ghangzhou	China	XSQ	1635	16823.5	16700.5
Kholmok	Russia	UDB2	1639	16825.5	16702.5
Karachi	Pakistan	ASK	1643	16827.5	16704.5
Murmansk	Russia	UHS	1643	16827.5	16704.5
Mariupol	Ukraine	UIW	1646	16829.0	16706.0
Olympia	Greece	SVO	1649	16830.5	16707.5
Hong Kong	China	VRX	1650	16831.0	16708.0
Kaliningrad	Russia	UIW	1655	16833.5	16710.5
Lisbon	Portugal	CUL	1656	16834.0	16711.0
Boufarik	Algeria	7TK29	1659	16835.5	16712.5
Vladivostok	Russia	UFL	1660	16836.0	16713.0
Novorossiysk	Russia	UFN	1667	16839.5	16716.5
Ghangzhou	China	XSQ	1696	16854.0	16731.0
Odesa	Ukraine	UTT	16103	16857.5	16739.5
Varna	Bulgaria	LZW	16146	16879.0	16761.0
Ghangzhou	China	XSQ	16148	16880.0	16762.0
Istanbul	Turkey	TAH	16160	16886.0	16768.0
Shanghai	China	XSG	16166	16889.0	16771.0
Shanghai	China	XSG	16172	16892.0	16774.0
Mariupol	Ukraine	UIW	16174	16893.0	16775.0
Moscow	Russia	UAT	16185	16898.5	16780.5
Shanghai	China	XSG	16185	16898.5	16780.5
Tokyo	Japan	JNA	1908	19684.5	18874.0
Mobile	USA	WLO	1810	19685.5	18875.0

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Novorossiysk	Russia	UFN	1837	19699.0	18888.5
Mumbai	India	VWB	2205	22378.5	22286.5
Hong Kong	China	VRX	2206	22379.0	22287.0
Valparaiso	Chile	CBV	2209	22380.5	22288.5
Kaliningrad	Russia	UIW	2209	22380.5	22288.5
Ghangzhou	China	XSQ	2211	22381.5	22289.5
Guam	Guam	NRV	2212	22382.0	22290.0
Moscow	Russia	UAT	2213	22382.5	22290.5
Mobile	USA	WLO	2215	22383.5	22291.5
Maritime Comms Office	Philippine	DZX	2216	22384.0	22292.0
Provideniya Bukhta	Russia	UGH3	2216	22384.0	22292.0
Olympia	Greece	SVO	2217	22384.5	22292.5
Point Reyes	USA	NMC	2220	22386.0	22294.0
Olympia	Greece	SVO	2223	22387.5	22295.5
CAMSLANT	USA	NMN	2227	22389.5	22297.5
Honolulu	USA	NMO	2227	22389.5	22297.5
Panama Intelmar	Panama	HPP	2231	22391.5	22299.5
Odesa	Ukraine	UTT	2234	22393.0	22301.0
Mariupol	Ukraine	UIW	2238	22395.0	22303.0
Murmansk	Russia	UHS	2241	22396.5	22304.5
Panama Intelmar	Panama	HPP	2243	22397.5	22305.5
Rome	Italy	IAR	2244	22398.0	22306.0
Petropavlosk-Kamchatskiy	Russia	UBE	2244	22398.0	22306.0
Olympia	Greece	SVO	2249	22400.5	22308.5
Nakhodka	Russia	UFC2	2256	22404.0	22312.0
Odesa	Ukraine	UTT	2258	22405.0	22313.0
Moscow	Russia	UAT	2260	22406.0	22314.0
Lisbon	Portugal	CUL	2261	22406.5	22314.5
Moscow	Russia	UAT	2263	22407.5	22315.5
Boufarik	Algeria	7TK31	2265	22408.5	22316.5
Vladivostok	Russia	UFL	2265	22408.5	22316.5
Tokyo	Japan	JNA	2272	22412.0	22320.0
Ghangzhou	China	XSQ	2288	22420.0	22328.0
Shanghai	China	XSG	22104	22428.0	22336.0
Shanghai	China	XSG	22106	22429.0	22337.0
Moscow	Russia	UAT	22113	22432.5	22340.5
Shanghai	China	XSG	22116	22434.0	22342.0
Ghangzhou	China	XSQ	22118	22435.0	22343.0
Mobile	USA	WLO	2510	26105.5	25177.5
Mariupol	Ukraine	UIW	2515	26108.0	25180.0
Moscow	Russia	UAT	2516	26108.5	25180.5

Canadians extend 490 kHz

The Canadian CG are extending their East coast supplementary NAVTEX service on 490 kHz (currently limited to Iqualuit). From 1/Jan/2005 490 kHz will also be transmitted from the Fundy(Yarmouth), Riviere-au-Renard and Sydney sites.

Whereas before stations made both English and French broadcasts on 518 kHz (barring Iqualuit) albeit with different IDs/times the new arrangement places English broadcasts on 518 kHz and French ones on 490 kHz.

The new primary slot times etc are as follows:

Riviere au Renard	[C]	518	0020	0420	0820	1220	1620	2020
	[D]	490	0035	0435	0835	1235	1635	2035
S. John's	[O]	518	0220	0620	1020	1420	1820	2220
Sydney	[Q]	518	0240	0640	1040	1440	1840	2240
	[J]	490	0255	0655	1055	1455	1855	2255

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Iqualuit	[S] 490	0300	0700	1100	1500	1900	2300
	[T] 518	0310	0710	1110	1510	1910	2310
Fundy(Yarmouth)	[U] 518	0320	0720	1120	1520	1920	2320
	[V] 490	0335	0735	1135	1535	1935	2335
Labrador	[X] 518	0350	0750	1150	1550	1950	2350

FREQUENCIES FOR DISTRESS AND SAFETY, SEARCH AND RESCUE AND EMERGENCIES

 Taken from footnote UK12 of the UK Frequency allocation list (c) HMSO
 Freq kHz Use

490	Transmission by coast stations or meteorological and navigational warnings and urgent information to ships by means of narrow-band direct-printing (NBDP) telegraphy (national NAVTEX).
500	International distress frequency for Morse telegraphy. Distress calls and traffic, urgency signal and urgency messages and the safety signal.
518	Transmission by coast stations of meteorological and navigational warnings and urgent information to ships by means of NBDP (international NAVTEX).
2174.5	Global Maritime Distress and Safety System (GMDSS) distress and safety traffic by NBDP.
2182	International distress carrier frequency for radiotelephony. Distress calls and traffic, signals of emergency position-indicating radio-beacons (EPIRBs), urgency signal and urgency messages and the safety signal. GMDSS distress and safety traffic by radiotelephony. Search and Rescue (SAR) operations concerning manned space vehicles.
2187.5	GMDSS distress and safety calls using digital selective calling (DSC).
2596	Carrier frequency for radiotelephony. Used in the UK for SAR purposes by HM Coastguard (HMCG) and the Royal National Lifeboat Institution (RNLI).
3023	Aeronautical carrier frequency for radio-telephony. Used in co-ordinated SAR operations. SAR operations concerning manned space vehicles.
4125	Carrier frequency used to supplement 2182 kHz for distress and safety. GMDSS distress and safety traffic by radiotelephony. May be used by aircraft to communicate with stations of the Maritime Mobile service for distress and safety purposes, including SAR.
4177.5	GMDSS distress and safety traffic by NBDP.
4207.5	GMDSS distress and safety calls using DSC.
4209.5	NAVTEX-type transmissions by coast stations by means of NBDP.
4210	Transmission by coast stations of Maritime Safety Information (MSI) by means of NBDP.
5680	Aeronautical carrier frequency for radiotelephony. Used

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in co-ordinated SAR operations. SAR operations concerning manned space vehicles.

- 6215 Carrier frequency used to supplement 2182 kHz for distress and safety. GMDSS distress and safety traffic by radiotelephony.
- 6268 GMDSS distress and safety traffic by NBDP.
- 6312 GMDSS distress and safety calls using DSC.
- 6314 Transmission by coast stations of MSI by means of NBDP. communications in the disaster area
- 8291 Carrier frequency for GMDSS distress and safety traffic by radiotelephony.
- 8364 Used by survival craft in SAR operations with stations of the Maritime and Aeronautical Mobile services.
- 8376.5 GMDSS distress and safety traffic by NBDP
- 8414.5 GMDSS distress and safety calls using DSC.
- 8416.5 Transmission by coast stations of MSI by means of NBDP.
- 12290 Carrier frequency for GMDSS distress and safety traffic by radiotelephony.
- 12520 GMDSS distress and safety traffic by NBDP.
- 12577 GMDSS distress and safety calls using DSC.
- 12579 Transmission by coast stations of MSI by means of NBDP.
- 16420 Carrier frequency for GMDSS distress and safety traffic by radiotelephony.
- 16695 GMDSS distress and safety traffic by NBDP.
- 16804.5 GMDSS distress and safety calls using DSC.
- 16806.5 Transmission by coast stations of MSI by means of NBDP.
- 19680.5 Transmission by coast stations of MSI by means of NBDP.
- 22376 Transmission by coast stations of MSI by means of NBDP.
- 26100.5 Transmission by coast stations of MSI by means of NBDP.

Well that's all for this month.

All contributions can be sent to me g4pyr@dsl.pipex.com and all are welcome.

Please remember that just because it's common knowledge to you does not mean it is not news to others.

73 de Robert G4PYR

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                                     WUN-v10
//////////////////////////////////////
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- Nickname on IRC channels #WUNclub and #monitor: Ary-B -
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- http://home.luna.nl/~ary/ -
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- Online database: Chris Smolinski <csmolinski@erols.com> -
- http://www.spynumbers.com/numbersDB/ -
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-::: N&O #90 December 2004 :::-

Doesn't time fly.... Another year passed by and in a couple of days it will be January 2005 and thus WUN's 10th anniversary. That's great! As I mentioned before, as part of our jubilee we have issued the third edition of WUN's Utility Guide. You can order the CD here:

<http://www.wunclub.com/cd3.html>

Last month I promised a free CD to the first person who would decode the DTMF message. A number of you succeeded and the CD has been sent off to the winner. The correct answer is "01 1995 01 2005 #10" which stands for "January 1995 January 2005 10 years WUN".

This edition of N&O came about thanks to the following contributors: Japan UTE Monitor, Jim, Igor, Mark, Tomonori, Al, Pat, DARC Bandwacht, Walter, Wolfgang, Brad, Ron, John, Attu, IARUMS, Tony, Leif, Fritz, Mark and David. I hope I didn't forget anyone.

Thanks for your valuable information, gentlemen. I hope that I may count on you again in 2005.

I WISH YOU AND YOUR FAMILIES A PROSPEROUS AND HEALTHY NEW YEAR!!!

-0-0-0-0-0-0-0-0-0-0-

I received Mathias Kropf's annual press release about clandestine activity. The number of broadcasting hours may have decreased but the number of jammers seems to remain the same.

2004 Clandestine Activity Survey

"During the year 2004 the activity of political clandestine stations broadcasting on shortwave has decreased by 28.5 % to 1229 weekly Broadcasting Hours (WBHS). This is the lowest level of activity since 1999 and the second lowest ever since this survey has first been compiled in 1986.

Activity by clandestine stations on the Asian continent has decreased by 35% or 495 WBHS to now 920 WBHS with the five most active target areas (countries) all in a declining trend. Clandestine activity to target areas on the American, African and Oceanian continents has remained more or less unchanged from last year at 166, 127 and 16 WBHS respectively.

The three most active target areas worldwide remain exactly in the same ranking as one year ago: Iraq with 332 WBHS (-416 when compared with one year ago), North Korea with 168 (-49) WBHS and Afghanistan with 165 (-24) WBHS.

Despite the declining trend that is obvious in all of the figures above, it should also be noted that the number of different target areas active worldwide has increased by three to 24. So, the trend towards more diverse, but also mostly low-budget operations, is apparently still intact, and has been only temporarily overshadowed by operations on the Afghanistan/Iraq scenes."

* VOICE STATIONS *

::: E03

Lincolnshire Poacher idents compiled by Al.

Idents used in the first half of december:

UTC	Mon	Tue	wed	Thu	Fri	Sat	Sun	UTC
1200	88698	88698	88698	88698	88698	88698	88698	1200
1300	97125	97125	97125	97125	97125	97125	97125	1300
1400	97373	86726	23630	38311	88698	28888	49214	1400
1500	49214	97373	86726	23630	38311	88698	33783	1500
1600	33783	49214	97373	86726	23630	38311	28888	1600
1700	28888	33783	49214	97373	86726	23630	88698	1700
1800	88698	28888	33783	49214	97373	86726	38311	1800
1900	38311	97125	28888	97125	49214	97373	97125	1900
2000	97125	88698	97125	33783	97125	49214	23630	2000
2100	23630	38311	88698	28888	33783	97125	86726	2100
2200	86726	23630	38311	88698	28888	33783	97373	2200

Second half of the month:

UTC	Mon	Tue	wed	Thu	Fri	Sat	Sun	UTC
1200	60535	60535	60535	60535	60535	60535	60535	1200
1300	40690	40690	40690	40690	40690	40690	40690	1300
1400	92463	31709	83426	39990	60535	06853	00461	1400
1500	00461	92463	31709	83426	39990	60535	77330	1500
1600	77330	00461	92463	31709	83426	39990	06853	1600
1700	06853	77330	00461	92463	31709	83426	60535	1700
1800	60535	06853	77330	00461	92463	31709	39990	1800
1900	39990	40690	06853	40690	00461	92463	40690	1900
2000	40690	60535	40690	77330	40690	00461	83426	2000
2100	83426	39990	60535	06853	77330	40690	31709	2100
2200	31709	83426	39990	60535	06853	77330	92463	2200

Darrin from New Zealand jotted down a message from the Lincolnshire Poacher and reports that LP had some problems. He says:

"On 14487 kHz, Thu 12022004, 1300z, E03 went off air a couple of times during its routine transmission. Below the faulty transmission is the correct transmission minus the repeats."

ID 97125

06248	06248	17573	17573	04740	04740	04389	04389	01026	01026
72000	72000	82202	82202	57519	57519	43444	43444	18999	18999
22670	22670	48109	48109	70777	70777	94389	94389	51727	51727
29789	29789	03636	03636	28946	28946	53248	53248	07596	07596
42005	42005	24520	24520	60730	60730	83665	83665	60201	60201
75408	75408	77342	77342	22949	22949	91087	91087	09374	09374
90603	90603	66838	66838	94381	94381	50809	50809	80884	80884
86271	86271	13321	13321	77970	77970	44478	44478	62142	62142
78220	78220	76950	76950	56034	56034	97004	97004	52716	52716
72387	72387	39908	39908	80240	80240	89116	89116	43964	43964
14340	14340	04602	04602	92904	92904	91890	91890	59735	59735
68209	68209	72075	72075	59493	59493	37973	37973	71636	71636
87127	87127	61875	61875	13820	13820	52204	52204	39819	39819
84810	84810	98517	98517	48190	48190	76849	76849	12822	12822
58692	58692	67808	67808	19843	19843	72361	72361	88488	88488
20279	20279	70037	70037	28744	28744	83049	83049	64269	64269
03091	03091	14720	14720	75859	75859	97013	97013	13380	13380
99168	99168	68875	68875	59327	59327	92842	92842	73457	73457
98544	98544	48021	48021	11472	11472	64162	64162	36464	36464
05076	05076	30969	30969	58129	58129	94514	94514	03104	03104

WUN-v10

14214	14214	84620	84620	08476	08476	09345	09345	27800	27800
15142	15142	49850	49850	49888	49888	.....	.....	.....	.....
.....
.....	14061	28749	28749	47228	47228	64839	64839	91957	91957
28886	28886	05337	05337	81212	81212	36655	36655	51167	51167
04614	04614	02731	02731	50235	50235	00580	00580	37342	37342
45340	45340	92144	92144	87661	87661	00084	00084	84544	84544
58321	58321	89301	89301	74955	74955	14071	14071	21096	21096
98551	98551	08846	08846	62315	62315	58555	58555	70847	70847
5436.	..364	36255	36255	4.....	.....	.....	.....	.....	.....
.....
12425	12425	02429	.....9	...21	45421	54294	54294	90062	90062
46591	46591	48083	48083	53716	53716	91489	91489	5562	5562
64696	64696	20681	20681	15....	1....	38827	38827	51656	51656
87190	87190	59215	59215	88727	88727	80837	80837	15728	15728
37488	37488	11049	11049	05065	05065	19197	19197	87194	87194
26263	26263	53184	53184	30448	30448	26024	26024	00927	00927
94848	94848	54343	54343	97768	97768	48244	48244	55706	55706
72525	72525	32114	32114	6838	6838	23808	23808	62685	62685
70654	70654	31074	31074	18603	18603				

ID 97125. Minus the repeats

06248	17573	04740	04389	01026	72000	82202	57519	43444	18999
22670	48109	70777	94389	51727	29789	03636	28946	53248	07596
42005	24520	60730	83665	60201	75408	77342	22949	91087	09374
90603	66838	94381	50809	80884	86271	13321	77970	44478	62142
78220	76950	56034	97004	52716	72387	39908	80240	89116	43964
14340	04602	92904	91890	59735	68209	72075	59493	37973	71636
87127	61875	13820	52204	39819	84810	98517	48190	76849	12822
58692	67808	19843	72361	88488	20279	70037	28744	83049	64269
03091	14720	75859	97013	13380	99168	68875	59327	92842	73457
98544	48021	11472	64162	36464	05076	30969	58129	94514	03104
14214	84620	08476	09345	27800	15142	49850	49888	42214	00615
22732	65903	50083	54862	62559	76572	09547	15195	14061	28749
47228	64839	91957	28886	05337	81212	36655	51167	04614	02731
50235	00580	37342	45340	92144	87661	00084	84544	58321	89301
74955	14071	21096	98551	08846	62315	58555	70847	54364	36255
45621	73553	69317	88371	41486	94217	02866	12425	02429	45421
54294	90062	46591	48083	53716	91489	05562	64696	20681	15757
38827	51656	87190	59215	88727	80837	15728	37488	11049	05065
19197	87194	26263	53184	30448	26024	00927	94848	54343	97768
48244	55706	72525	32114	6838	23808	62685	70654	31074	18603

<<<<<>>>>

::: E04

Cherry Ripe idents compiled Tomonori.

Idents used in 1st half of December, 2004

UTC	Sun	Mon	Tue	wed	Thu	Fri	UTC
2200	05980	60011	71589	64257	60011		2200
2300	60011	71589	64257	60011	91700		2300
0000		71589	64257	60011	91700	11536	0000
0100		64257	60011	91700	11536	66453	0100
1000		60011	91700	11536	66453	05980	1000
1100		91700	11536	66453	05980	60011	1100
1200		11536	66453	05980	60011	71589	1200
1300		66453	05980	60011	71589	64257	1300

<<<<<>>>>

::: E07

"E07 excellent AM in Northwest Paris", reports Pat.

WUN-v10

981 981 981 1 (repeated 7 times)

463 36 463 36

68365 00454 72621 03897 85534 37688 29050 31686 36379 37756 92570
69130 74416 68842 95504 21282 08556 22755 50823 63773 29772 62464
84740 21463 69194 23171 00380 44987 51532 00291 45706 32735 78160
23293 39349 49479
000 000

<<<<<>>>>

::: E10

E10 with an ABC call was heard on 14000 kHz on 7 Dec at 1358 UTC for 20 mins.

<<<<<>>>>

::: S13

Possible S13 transmission. Russian lady counting from 1 to 0. Then "pryom" (over). Repeated for ca 3 minutes. Then silent.

<<<<<>>>>

::: S25

Gert supplied this log to ENIGMA 2000. This station is not reported very often these days. Nice one, Gert!

He heard S25 on 7 Dec at 0900 UTC on 11115 kHz.

637 637 637 30752 30752
22222
31632 over and over.
ending with 11111 00000

<<<<<>>>>

::: V02

Mark Slaten, David Fairbanks and Mark Taylor compiled the V02c schedules and sent along some comments as well.

UTC	Mon	Tue	wed	Thu	Fri	Sat	Sun	
0900	7527	7520	7482	7482	7527	7520	7887	kHz
		7527	7520	7887	8136			
1000	7681	7887	7862	7681	7887	7975	7975	
						7520		
1700	8010	8010	8010	8010	8010	8010	8010	
1800	8097	8097	8097	8097	8097	8097	8097	
1900	8097	8097	8097	8097	8097	8097	8097	
2000	7887	7887	7887	7887	7887	7887	7887	
2100	6855	6855	6855	6855	6855	6855	6855	
			6797	6797				
2200	6797	6797	6797	6797	6797	6797	6797	

David comments:

"They are best received using SYNC AM USB. They are sometimes late by 5 to 15 minutes and end anywhere from 0040 to 0050. It is not uncommon for them to sometimes give the ID's at 5 or 10 minutes before the hour. They all use the long pauses and carriers are on 15 minutes before the hour."

Mark Slaten:

"NOTES:

1. There is a distinct pause every 10th group in message.
2. Callups used in November/December 2004:
 - a. Atencion 888 16x2(pause) Atencion 252 166x1(pause)
Atencion 888 16x2(pause) (R3)
 - b. Atencion 346 72x5 (R3)
3. AM carrier is usually up sometimes for 40+ minutes before scheduled broadcast.
4. Sometimes sked gets off to a late start or an early start, from the hour.
5. Messages do not seem to have the same first two groups and last two groups in their format as the V2a and M8a/M8c family
6. Each set of the two call-ups seem to have its own message that is continually repeated each time its call-up is used. Will try and verify this in December monitoring."

And finally Mark Taylor, who comments on Mark Slaten's notes:

"A couple of observations on the V2c broadcasts.

5. I have also only heard the 888 16 X2 (P) 212 116 X1 (p)
888 16 X2 (p)
343 72 X5 (P)

However. I have much more frequently heard the "343 72" broadcast here in the midwest than seems to have been reported on the East Coast. (That could be an artifact of which broadcasts I have listened to however.) It has made me wonder about the direction of the broadcasts however.

6. I agree that there are probably only two (maybe three) messages. The set number count and first few and last few sets of numbers are consistent for the "888" and "343" call ups. (I don't have the patience to go through the recordings to spell out all of the sets) Like the V2a broadcasts there are various program errors from time to time (music, Radio Habana interval signals, R. Habana programming snippets.)

-0-0-0-0-0-0-0-0-0-0-

* MORSE STATIONS *

::: M08

These are one-day-a-week stations:

11565 kHz, Monday, 1700 UTC
 13373 kHz, Monday, 1800 UTC
 10714 kHz, wednesday, 1700 UTC
 10445 kHz, Friday, 1700 UTC

<<<<>>>>

::: M13

Mark Slaten sends us several M13 transcripts. The first one was heard on 3 December at 2100 UTC on 7824 kHz.

253 (R5) BT 246 20 BT
 50977 46540 38990 38200 01824
 45114 40980 59935 46594 32617
 60710 56477 30690 51924 44230
 22908 07778 28118 56384 24536 BT

253 (R1) BT 246 20 BT
 50977 46540 38990 38200 01824
 45114 40980 59935 46594 32617
 60710 56477 30690 51924 44230

22908 07778 28118 56384 24536 BT

0 0 0

The second one was heard on 6795 kHz on 13 Dec at 2300 UTC.

458 (R5) BT 243 21 BT

29911 03246 26530 16325 15003
48326 36482 21740 50652 33097
01180 39498 55601 40078 46948
25426 60485 49234 13312 22854
39132 BT

458 (R1) BT 243 21 BT

29911 03246 26530 16325 15003
48326 36482 21740 50652 33097
01180 39498 55601 40078 46948
25426 60485 49234 13312 22854
39132 BT

0 0 0

<<<<<>>>>

::: M16

One of our monitors in the Mediterranean area sent me a note in which he says that 8BY seems to have vanished. Indeed, it has not been heard since late August. Where is 8BY? Did they leave HF, or did they switch to a new mode? All the known frequencies are silent, though. No CW and no other modes have been reported.

Please keep your ears open and let me know if you find 8BY again. The station used the following set of freqs: 7668, 10248, 12075, 14931, 18415 and 20946 kHz.

<<<<<>>>>

::: M21

Russian Air Defense is still active although we receive less reports than in the past.

Frequencies: 3322, 3360.5, 4951.5, 5371 kHz =99T223??T?????

<<<<<>>>>

::: M51

I received a report from a station that sent "NR 50 GR 20 ..." on 14018.3 kHz at 0832 kHz on 9 November. Possibly M51.

<<<<<>>>>

::: M87

Igor jotted down a couple of lengthy transcript of M87.

Observed at 1402 UTC on 5 Dec, 7263 kHz.

... 789 333 333
789 789 789 333 333
789 789 789 333 333
789 789 789 333 333

789 789 789 333 333
789 789 789 333 333
789 789 789 333 333
789 789 789 333 333
789 789 789 333 333
789 789 789 333 333

= =
013 013 52 52

= =
u63au da7d5 6na64 3n6u3 au437 3534n a4uu4 45ata 6n3nu duan5
d43nn anaa7 un576 367nu unu3 a4a5n 4t6u4 46a36 4na64 47tda
nu6d5 tnua7 n64dt da45t 6uaun t57u7 d6ut4 nud75 a3ua7 tnt65
4ut3u 7u43d 365u7 tn5nd un6ua 5ud74 tu7nu tu7nu u7aat 3t4ut u5u3
u5763 at343 4dud3 uad7u d3anu t64ut u7naa dat5d 3ud47 77a77
nn46t utd7a

= =
014 014 39 39

= =
u7dt3 nn6t6 5tnu5 n4du6 tdndu 665u7 47da6 a6u7d 7au6d n6ua5
u36n5 7ut74 na756 n3ut6 d656d 453at dd536 3dt7a 76nad ad7dn
54tt4 t6457 t45nd uu47n 7t34d 47au4 n445d 637ad ut~5~ td7ua
66a66 6uau6 4436t u4dna nn545 aa4nt 4u36t dtuat datn7

= =
333 333 333

= =
013 013 52 52

= =
ud3au da7d5 6na64 3n6u3 au437 3534n n7uu4 45ata 6n3nu duan5
d43nn anaa7 un576 367nu unu53 a4a5d 4t6u4 46a36 4nud4 47tda
nu6d5 ttua7 n64dt da45t 6uaun t57u7 d6ut4 nud75 a3ua7 tnt65
4ut3u 7a43d 365u7 tt5nd un6ua 5ud74 tu7nu u7aat 3t4ut u~5u3
u5763 at343 4dud3 uad7u d3anu t64ut u7naa dat5d 3ud47 77a77
nn46t utd7a

= =
014 014 39 39

= =
u7dt3 nn6t6 5tnu5 n4du6 tdndu 665u7 47da6 a6u7d 7au6d n6ua5
u36n5 7ut74 na756 n3ut6 d656d 453at dd536 3dt7a 76nad ad7dn
54tt4 t6457 t45nd uu47n 7t34d 47au4 n445d 637ad ut~5~ td7ua
66a66 6uau6 4436t u4dna nn545 aa4nt 4u36t dtuat datn7

= =
000 000 ttt

9821 kHz: 0130 UTC, 21 Dec. with operator error: he starts with '000'
(QRU format) and switches to "92" (Msg format)

249 249 249 000 000
249 249 249 000 000
249 249 (stopped)
249 249 249 92 92
249 249 249 92 92
249 249 249 92 92
249 249 249 92 92
249 249 249 92 92
249 249 249 92 92
249 249 249 92 92
249 249 249 92 92
249 249 249 92 92
= = 046 046 20 20 = =
3d3a3 76duu 3n45a 3747t at37d n4473 duuud u3dn6 6u555 3n576
d7dn6 4tadt u4754 au5nu tdd56 6dndt 6a364 a4tna a7t46 na55t = =
= = 067 067 20 20 = =
aa56n 45t6n 33u66 4a4a7 dnu5a 56644 nt345 t645t u5455 n5nd4
7tadd d74ta 6476d at64a u4aa6 7n6tt 6t347 5na43 7ad54 d45n7 = =

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333 333 = =
= = 046 046 20 20 = =
3d3a3 76duu 3n45a 3747t at37d n4473 duuud u3dn6 6u555 3n576
d7dn6 4tadt u4754 au5nu tdd56 6dndt 6a364 a4tna a7t46 na55t = =
= = 067 067 20 20 = =
aa56n 45t6n 33u66 4a4a7 dnu5a 56644 nt345 t645t u5455 n5nd4
7tadd d74ta 6476d at64a u4aa6 7n6tt 6t347 5na43 7ad54 d45n7 = =
000 ttt

9553 kHz: 0900 UTC, 21 Dec.

345 345 345 333 333 (R6)
= = 063 063 18 18 = =
u6677 6atud tnatd u63t5 n5nn5 5545n 545u3 476nt 65uun 77tn3
t3t5d t37ta 737u4 u4546 54ann 45663 765n3 634n7 = =
= = 333 333
= = 063 063 18 18 = =
u6677 6atud tnatd u63t5 n5nn5 5545n 545u3 476nt 65uun 77tn3
t3t5d t37ta 737u4 u4546 54ann 45663 765n3 634n7 = =
000 ttt

<<<<<>>>>

::: M89

The Chinese naval station L9CC was very active last month. It was heard on a number of frequencies in the range of 7025-7103 kHz.

"V CP17 CP17 CP17 DE L9CC L9CC" on 3544.5, 7025.0, 7053.2, 7056.0,
7058.6, 7059.6, 7060.7, 7063.7,
7065.8, 7067.8, 7068.9, 7074.0,
7080.0, 7081.5, 7079.2, 7103.2 kHz
"V MW3D MW3D MW3D DE 2SLC 2SLC" on 5588 kHz
"V BFR7 BFR7 BFR7 DE 4XML 4XML" on 5755 kHz
"V XY5V XY5V XY5V DE 4PPW 4PPW" on 4928 kHz
"V GM3Z GM3Z GM3Z de PNW9 PNW9" on 5636.1 kHz

<<<<<>>>>

::: MX

Cluster beacons:

- D: 3494.7, 4557.7, 5153.7, 7038.7, 8493.7, 10871.7, 13527.7, 16331.7 and 20047.7 kHz. Spurs of 7038.7 kHz on 7000 and 7077.4 kHz. The beacon apparently had problems on 10871.7 kHz where it transmitted its call in reverse (U) for 11 days. It was back to normal on 12 December
- P: 4557.8, 5153.8, 7038.8, 8494.8, 10871.8, 13527.7 kHz
- S: 4557.9, 5153.9, 7038.9, 8494.9, 10871.9, 13527.9, 16331.9, 20047.9 kHz
- F: 8495.2, 16332.2 kHz
- K: 7039.3, 8495.3 kHz
- M: 5154.4, 7039.4, 16332.4 kHz

Channel markers:

- L: 3202.8 and 4424.5 kHz
- P: 3167, 3192, 3699.9, 4043, 4049, 4051, 4899 kHz

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R: 4325.8, 5465.8 kHz

V: 3658 kHz

-0-0-0-0-0-0-0-0-0-0-

* VARIOUS MODES *

S28 - the Buzzer, still going strong on 4625 kHz.

S30 - the Pip on 3756 kHz.

XSW - Squeaky wheel on 3828.9 kHz.

<<<<<>>>>

::: M42 / X06

5850.0 kHz: Mazielka calls. 2 Dec, 2136 UTC

10511.5 kHz: Dep. of State Comms, Moscow. 11 Dec, 0945 UTC. Mode: PSK + MFSK, switching between 25-tone parallel tone PSK-modem and 32-tone/40Bd MFSK, offline crypto after 11177 90017 etc.

<<<<<>>>>

::: JAMMERS

Unid: 8164

Cuba: 9955, 17670 kHz.

Iran: 3880, 3930, 3940, 3945, 3950, 3955, 3960, 3965, 3970, 4251, 4381, 4610, 6245, 6411, 6420, 15660 kHz.

China: 7480, 7505, 7520, 9670, 11695, 11765, 15525, 15535, 15540, 15660, 17515, 17520, 17525, 17545, 17560, 17730 kHz.

-0-0-0-0-0-0-0-0-0-0-

* UNID STATIONS *

::: PHPZ

10541 kHz, 2315 UTC, 4 Nov., Mode: CW

Remarks:

Duplex net; very active from 2200-0100 UTC.; 5FG & 5LG msg's

Traffic sample:

phpz phpz qtc ar
phpz phpz phpz 116 34 50201 116 bt
zba 184179 929387 639370 026955 bt
05020 32835 80560 81712 11060
8553x 927xx 05020 42656 70560
81605 11070 8552x 930xx 05020
30274 91560 61708 11070 85530
920xx 05020 23744 97458 80000
11098 77187 882xx 916xx 05029
k

(Logged by Attu in Alaska)

<<<<<>>>>

::: UNID 4430 kHz

4430.0 kHz, FSK-CW

Messages like:

QQT 934 FM 919876 FOR 238376
 8t8 FM 1t1268 FOR 533332
 781 FM 1t1t51 FOR 533332 ...
 811 FM 919249 FOR 288376
 929 FM 1t11tt FOR 533332 k

ar

(Logged by Alf in Central Europe)

-0-0-0-0-0-0-0-0-0-0-

* MILITARY STATIONS *

::: RUSSIAN/CIS/UKRANIAN STATIONS

Morse Broadcasts of the CIS Navy
 By Fritz Nusser

Fleet headquarters regularly broadcast plain Russian Morse messages on several frequencies. Knowing the target area of these messages may give some advise about the waters in which the units operate. They can be - at least partially - translated (better: transliterated) with a little patience, using for example an on-line translator offered via Internet. Years ago Tom Roach in the same way investigated traffic of the Soviet trawlers - with surprising results. His article still can be found on the www.

The following conventions are proposed:

ä	means Morse Code	.-.-	the Russian	ja
ö		---.		tsch
ü		..--		ju
é		..-..		jo
ch		----		sch

Therefore AIRCRAFT is sent as SAMOLÉT, which means SAMOLJOT.

The normal CIS MIL preambles are used, after "BT" the message is repeated. And all messages are - surprisingly - hand sent!

The following messages are disseminated:

1. NAWAREA These are messages edited by the stations of the worldwide NAVAREA network. Rarely heard.
2. NAWIP These are navigational warnings of the CIS Navy. NAWIP means "NAWIGACIÄ PREDUPREVDENIE". There is always a reference made to the appropriate map "KARTA" of the region.
3. PROGNOZ (PROGNOZ POGODY) Forecast, sometimes: Weather Forecast.
4. CHTORMOWOE PREDUPREVDENIE Storm warning.

- Example 1:

RBE86 de RCV QTC 733 32 6 0450 733 = NAWIP 038 2320 karty 32311 93240 italiä uönia podwodnyh lodok 06 0400 do 08 0600 dek plawanie zapregheno rajone s 731 centrom 40/09 s 017/00 w otm étot nr 08 0700 dek +

RBE86 de RCV QTC 733 32 6 0450 733 = Navigational warning region 038 nr 2320 maps 32311 93240 Italy underwater (works?) at day 06 0700 until day

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08 0600 December. Cruising forbidden in area s 731 centered at 40/09 N 017/00 E. Cancellation at 08 0700 +

Remark: In coordinates "s" (severo) means "N" (north)
"w" (wostok) means "E" (east)

- Example 2:

RBE86 de RCV QTC 519 39 5 1430 519 = NAWIP 038 2318 karta 32213 italiä strelxby torpednye 06 09 i 10 dek 0700 do 1600 rajone 37/00 s 015/25 w 37/11 s 015/25 w 37/11 s 015/38 w 37/00 s 015/38 w otm étot nr 10 1700 dek +

RBE86 de RCV QTC 519 39 5 1430 519 = Navigational warning region 038 nr 2318 map 32213 Italy torpedo firing on December 6 9 and 10 0700 until 1600 in the area 37/00 N 015/25 E 37/11 N 015/25 E 37/11 N 015/38 E 37/00 N 015/38 E. Cancellation at 10 1700 +

- Example 3:

RKZ de RCV QTC 403 20 15 1210 403 = chtormowoe preduprevdenie nr 838 14/17 óasom 15 dekabrä bejrute ovidaetsä sewero wostoönyj weter 12/15 porywy 18 more 3/4 +

RKZ de RCV QTC 403 20 15 1210 403 = Storm warning nr 838 for 14/17 hours on December 15. Region Beirut easterly winds expected 12/15 in gusts 18, sea 3/4 +

Remark: Windspeed seems to be in m/s, height of the waves in m.

- Example 4:

RKZ de RCV QTC 863 17 7 1050 863 = prognoz ot 1800 7 do 1800 9 noäbrä sedizemnoe more wostok tartus wostoönyj üvnyj 6/9 more 2 +

RKZ de RCV QTC 863 17 7 1050 863 = Forecast from 1800 7 until 1800 9 November Mediterranean Sea east of Tartous southeasterly winds 6/9 sea 2 +

Remark: Tartous is a coast of Syria.

- Example 5:

RKZ de RCV QTC 769 35 19 1649 769 = prognoz pogody 1800 19 do 1800 20 dekabrä sredizemnoe more wostok tartus wostoönyj ügo wostoönyj 7/10 noöxü utrom 10/13 more 2/3 noöxü utrom 3/4 utrom dnem 8 ovidx gau 1020 0010 1088 0020 1075 0030 1066 +

RKZ de RCV QTC 769 35 19 1649 769 = weather forecast 1800 19 until 1800 20 December. Mediterranean Sea east of Tartous east/south/easterly (wind) 7/10 in the night/morning 10/13 sea 2/3 in the night/morning 3/4 in the morning/afternoon 8 expected ??? 1020 0010 1088 0020 1075 0030 1066 +

- Dictionary

ADRIATIÖSKOE MORE
AWARIÄ
DOVDE
GROZA
MANÉWRY
OBLAST
OPASNO
SEWERONOE MORE
UPRAVNIENIE

ADRIATIC SEA
AVERAGE
RAIN
THUNDERSTORM
MANOEUVRES
REGION
DANGER
NORTH SEA
EXERCISE

ZAPREQENO

WUN-v10
FORBIDDEN

<<<<<>>>>

Logs:

Freq	QSX	Callsigns / remarks
18.1		RDL: Russian Military from Krasnodar VLF site.
2012.5		MTHR, MBPN, BA2Q
2478.5		EPMB
2611		WGAY
2737		REA4: Airforce HQ Moscow //4179//7018 khz
3207		SCT8, THEP, ATXS, OTG2, B2VK, A39Y, O74Z, ILS3, 5RLJ, GJZH, KK2C, 8OBZ, O73I, QWKW
3211	3863	Ukranian Military. ZENC, EGVM, EGVM, NV7R, SPFK, CU7M, 4S9R, 3HJE, NV7R, 1LFJ, JCHJ
3354		ORZI, KSZG, SZ4S, APDC, JYVS, ASCK
3582		FTJN, A2XZ, SVMS, GRGR, MKZI, QCVD. 13 x 4FG msg to unknown 401 = 4532 9876 ... 8750 2213 K. Then MKZI de GRGR ZBT ZGV ZDN K.// OK K// QRV K. Repeats back a 13 x 4FG msg to MKZI and quiet until QCVD calls.
3657		Ukranian Military. P99P, S210 P99P 746 62 15 2315 746 = 11111 23567 ... 40305 15060 K. C K. P99P de S210 QRU 8 K. S210 de P99P OK K. P99P de S210 QTR ? K.
3775		Ukranian Military. BA2I, 4ILX, V4DU, 2WWN, QTM5, 3AQM, LQ6J
3826		Ukranian Military. 6UI5, 4XDD, XHM5, LC9J, ZQSP
3863	3211	Ukranian Military. NV7R, 3HJE, JCHJ, 1LFJ
3933		RFFO, RFFN, RFFR, RFFP, RFFM
4179		REA4: Airforce HQ Moscow
4826		Ukrainian Mil. VW7T, AA1R, SWC1, IOMU, AMBG, CT5A, 8IHO, ASOZ, P89K, ZKTS, 6ZEE, YXFL, E9AZ, VISU
5325		RND79: Russ AF, Moscow, calling RFT6: "VVV RFT6 RFT6 RFT6 DE RND79 RND79 ZHC?"
7018		REA4: Airforce HQ Moscow //2737//7018 khz

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::: POLISH STATIONS

2239.0 khz: Czajka96: radio check with unid station
7019.9 khz: Unid station spelling "Karel, Susan, Urban, Stanislaus, Wazlav..."

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::: ASIAN STATIONS

Chinese Air Defense (tentative)

Logged by Igor on 13 Nov. at 0455 UTC. Freq: 5701 khz, CW.

- 5643 unn33d4 55
- 5643 unn33d5 56
- 5643 unn3373 56
- 5643 unn3374 56
- 5643 unn3374 56
- 5643 unn34a3 56
- 5643 unn34a3 56
- 5643 unn34a4 56
- 5643 unn34d3 57
- 5643 unn34d4 57
- 5643 unn34d5 57
- 5643 unn3473 57
- 5643 unn3475 5d
- 5643 unn34ua 5d

5643 unn35ud 5d
5643 unn35ud 5d
5643 unn35nn 5d
5643 unn35aa 5d
5643 unn35n6 5n
5643 unn356n 5n
5643 unn3566 5n
5643 unn3565 5n
5643 3tn33a7 tt
5643 3tn33u4 tt

Indian Paramilitary traffic was observed on 7005, 7020, 7030 and 18076 kHz.

Military traffic from Myanmar was noted on: 7018, 7045, 7070 and 7073 kHz.

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::: SOUTH AMERICAN STATIONS

14403.2 kHz: c/s LTQ6, Argentine Army. Radio check with LTQ in USB on 14402.5 kHz.

Brazilian Air Force frequencies (all USB): 7929, 08834, 9010, 13224, 13586, 13972, 13978, 16355, 17982 kHz

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::: VENEZUELAN STATIONS

Compiled by Ron.

From 5-12 Dec 2004, the Venezuelan Navy conducted a large-scale exercise "Operation Liberating Armada".

According to their web site "the Venezuelan Navy (Armada) is mounting battle simulation exercises supposedly for the first time in its history. Although the Navy and other branches of the Venezuelan Armed Force (FAN) annually take part in joint exercises with the Armed Forces of other countries such as the USA, it has never organized one of its own.

The exercise will be commanded from Puerto Cabello between December 5-12 and will go by the code name "Operation Liberating Armada."

Central Naval Zone chief, Rear Admiral (LH) Francisco Ugarte Acosta says the Air Force (FAV) will take part in joint attack and interception exercises and together with the Army there will be firing practices off Orchila island. The island of La Orchila is located approximately 50 km east of the Los Roques archipelago and 160 km northwest of Caracas. Its geographical coordinates are approximately: 11° 47' to 11° 55' North latitude, and 66° 05' to 66° 12' west longitude.

Two navy frigates are taking part along with a transport ship, 4 patrol boats and 4 helicopters. Naval war School director, Rear Admiral Gerardo Casanas Arroyo reports that each one of the navy commands will plan the exercises as a part of a new policy of unifying military actions."

Using my Icom R-75 (with PC-ALE) and Sangean ATS 909 with attic-mounted wire antennas I was able to capture extensive HF ALE, voice and data communications used during this exercise. Unfortunately my Spanish-language capability is rather weak so I was only able to capture some callsigns, numbers, and common radio procedures. I was not able to decode the encrypted voice or data signals.

Below is a compilation of information I was able to derive from the HF ALE portion of the exercise along with some research on the web.

Venezuelan Navy frequencies:

4632.0 USB	6357.0 LSB
6888.0 LSB	6890.0 USB
6895.0 USB	7849.0 USB *)
8270.0 LSB	8280.0 LSB
8285.0 LSB	8291.0 LSB
8297.0 LSB	8340.0 LSB
8358.0 LSB	8525.0 LSB
8582.0 LSB	8810.0 LSB
8825.0 USB & LSB	8500.0 USB
9017.0 LSB	9070.0 LSB
9075.0 LSB	9190.0 USB
9350.0 LSB	9355.0 LSB
9380.0 LSB	9390.0 LSB
9400.0 LSB	10272.0 USB *)
10600.0 USB *)	10650.0 LSB
12220.0 LSB	12479.0 LSB
12480.0 LSB	12528.5 LSB
12546.0 LSB	12600.0 LSB
12660.0 LSB	13139.0 LSB
13500.0 USB	14759.0 LSB
14790.0 LSB	14911.0 LSB
16458.0 LSB	16680.0 LSB
17080.0 LSB	17380.0 LSB
19098.0 LSB	19200.0 USB
20400.0 LSB	22245.0 LSB

*) shared with the Army & National Guard

ALE Identifiers as seen in traffic:

Naval Organizations:

Armario	- Naval base (named after Agustin Armario de Puerta Cabella), Puerto Cabella
BDIRCO	- Batallon de Ingenieros de Combata (Combat Engineer Battalion)
BNA	- Naval Base "Amario"
BNARCO	- Commando, Base Navale "Amario"
BNF	- Naval Base "Mariscal Juan Crisóstomo Falcon", Punto Fijo
BNFACO	- Naval Base "Mariscal Juan Crisóstomo Falcon", Punto Fijo
BNG	- Naval Base "Guira"
CANCO	- Commander, Naval Aviation Command (Commando Aviacion Navale)
CEDOP	- Fleet Command, Director of Operations / Comando de Escuadra, Direccion de Operaciones
CFLCO	- Commander, HQS Riverine Force-- Commando, Cuartel Fluvial
CGARM	- Navy HQs (Cuartel General de Armada)
CGA	- Navy HQs, (Cuartel General Armada)
CGACO	- Commander, Venezuelan Navy- Comando, Cuartel General Armada
CNZACE	- Central Naval Zone, Squadron Commander
COFFRI1	- Commando Fluvial Fronterizo " General de Brigada Franz Riquez Iribarren"
CUMANA	- Naval Base, Cumana
DCCOP	- Naval Operations Directorate / Direccion de Coordinacion Y Control Operacional
DHN	- Hydrographic & Navigation Directorate--Direccion de Hidrografia y Navegacion
DIVIMBO	- Division de Infanteria de Marina (Naval Marine Infantry)
DIVIMCO1	- unidentified
EPG	- Coast Guard Station (Estacion Principale de Guardacostas)
EPGLG	- Coast Guard Station, La Guaira (Estacion Principale de Guardacostas)
Falcon	- Naval Base "Mariscal Juan Crisóstomo Falcón"
PR1	- Radio Station 1 (Puesto Radio)
PR2	- Radio Station 2 (Puesto Radio)
PR4	- Radio Station 4 (Puesto Radio)
PR5	- Radio Station 5 (Puesto Radio)

Naval Vessels:

ALB - Venezuelan Coast Guard Point Class cutter "Albatroz"
 ALBATROZ - Venezuelan Coast Guard Point Class cutter "Albatroz"
 BE11 - Training Ship "Simon Bolivar", BE-11
 BOLIVAR - Training Ship "Simon Bolivar", BE-11
 BOLIVAR - Replenishment Oiler " Ciudad Bolivar" T-81
 BRION - Frigate, "Almirante Brion", F-22
 CAPANA - Capana-class Medium Landing Ship " Capana", T-61
 CLEMENTE - Venezuelan Coast Guard Frigate, "Almirante Clemente", GC-11
 CONSTITUCION - Constitucion-class Missile/Fast Attack Craft, "Constitucion", PC-11
 FEDERACION - Constitucion-class Missile/Fast Attack Craft, "Federacion", PC-12
 F21 - Frigate "Mariscal Sucre" F-21
 F22 - Frigate "Almirante Brion" F-22
 F24 - Frigate "General Soubllette", F-24
 F26 - Frigate "Almirante Garcia" F-26
 GC11 - Venezuelan Coast Guard Frigate, "Almirante Clemente", GC-11
 GC12 - Venezuelan Coast Guard Frigate " General Jose Trinidad Moran" GC-12
 Goijaira - LSM "Goijaira", T-63
 INDEPENDENCIA - Constitucion-class Missile/Fast Attack Craft, "Independencia", PC-13
 LIB - Constitucion-class Missile/Fast Attack Craft "Libertad", PC-14
 LIBERTAD - Constitucion-class Missile/Fast Attack Craft "Libertad", PC-14
 LLANOS - Amphibious Support Ship, "Los Llanos", T-64
 NEGRON - Protector-class Patrol Boat, "Rio Negro", B-8424
 PC12 - Constitucion-class Missile/Fast Attack Craft, "Federacion", PC-12
 PC13 - Constitucion-class Missile/Fast Attack craft, "Independencia" PC-13
 PC16 - Constitucion-class Missile/Fast Attack craft, "Victoria", PC-16
 PUNTABRAVA - Oceanographic Support Ship "Punta Brava", BO-11
 RIONEGRO1 - (Venezuelan National Guard Protector-class patrol craft)
 SOUBLETTE - (Frigate "General Soubllette", F-24
 SUCRE - Frigate "Mariscal Sucre", F-21
 T-61 - LST "Capana" T-61
 T-63 - LSM "Goijaira" T63
 T-64 - LSM "Los Llanos" T64
 T-72 - LCU " La Orchila" T-72
 T-81 - Replenishment Oiler " Ciudad Bolivar" T-81
 VICTOR - Constitucion-class Missile/Fast Attack craft, "Victoria", PC-16

ALE "Order of Battle":

1. Naval Base at Puerto Cabella ("Amario")

a. Frigate Squadron:

F21 - Frigate "Mariscal Sucre"
 F22 - Frigate "Almirante Brion"
 F24 - Frigate "General Soubllette",
 F26 - Frigate "Almirante Garcia"
 BRION - Frigate, "Almirante Brion", F-22
 SOUBLETTE - Frigate "General Soubllette", F-24
 SUCRE - Frigate "Mariscal Sucre", F-21

b. Amphibious Support & Auxiliaries Squadron:

T61 - LST "Capana"
 T63 - LSM "Goijaira"

T64 - LSM "Los Llanos"
 T72 - LCU " La Orchila"
 T81 - Replenishment Oiler " Ciudad Bolivar"
 PUNTABRAVA - Oceanographic Support Ship "Punta Brava", BO-11
 LLANOS - Amphibious Support Ship, "Los Llanos", T-64
 CAPANA- Capana-class Medium Landing Ship " Capana", T-61
 BE11 - Training Ship "Simon Bolivar", BE-11
 BOLIVAR - Training Ship "Simon Bolivar", BE-11
 BOLIVAR - Replenishment Oiler " Ciudad Bolivar" T-81

2. Naval Base at Punto Fijo ("Mariscal Juan Crisóstomo Falcón")

Patrol Squadron:

CONSTITUCION - Constitucion-class Missile/Fast Attack Craft,
 "Constitucion", PC-11
 VICTORIA - Constitucion-class Missile/Fast Attack craft,
 "Victoria", PC-16
 INDEPENDENCIA - Constitucion-class Missile/Fast Attack Craft,
 "Independencia", PC-13
 LIBERTAD - Constitucion-class Missile/Fast Attack Craft
 "Libertad", PC-14
 FEDERACION - Constitucion-class Missile/Fast Attack Craft,
 "Federacion", PC-12
 PC11 - Constitucion-class Missile/Fast Attack Craft,
 "Constitucion"
 PC12 - Constitucion-class Missile/Fast Attack Craft,
 "Federacion"
 PC13 - Constitucion-class Missile/Fast Attack craft,
 "Independencia"
 PC16 - Constitucion-class Missile/Fast Attack craft,
 "Victoria"

3. Coast Guard at La Guaira

GC11 --Venezuelan Coast Guard Frigate, "Almirante Clemente"
 GC12 - Venezuelan Coast Guard Frigate "General Jose Trinidad Moran"
 CLEMENTE - Venezuelan Coast Guard Frigate, "Almirante Clemente"
 MORAN - Venezuelan Coast Guard Frigate "General Jose Trinidad Moran"

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* MEMORY LANE *

Many of you do remember the late Havana Moon. I found a couple of his "Los Numeros" columns from 1990 and 1991. In one of them he mentions his top 10 numbers frequencies. Some of them are still on the air, on the same frequency even.

1. INTERCEPT: 6824 kHz, 0500 UTC.
 DETAIL: Gypsy violin music followed by a brisk male announcer passing 5-Digit Romanian numbers traffic.
 COMMENT: The last known intercept of this infrequently heard station - which very rarely passes traffic -was in 1986. This transmission ended with "Terminat" repeated 3x.
 2. INTERCEPT: 6785 kHz, 0505 UTC.
 DETAIL: 5-D Spanish, signal 40 over S-9 with occasional deep sky wave fades - much like a clear channel broadcast band station. Audio was muffled.
- INTERCEPT: 6824 kHz, 0509 UTC.
 DETAIL: 5-D Spanish, signal peaking atr S-9. Fading pattern was seemingly identical as the transmission on 6785, but not in parallel. Audio was also muffled. 6785 ended its message at 0514 and went to open carrier. 6824 ended

at 0520. Both stations left the air a few seconds later, seemingly simultaneously. (H. Helms, CA)

COMMENT: Curious time management - could these two transmissions have come from the same transmitter site?

3. INTERCEPT: 5015 and 7404 kHz, 0000 UTC.
 DETAIL: Papa November 3/2 format German Numbers preceded by a musical interval signal, reminiscent of a music box. (G. Zeller, OH)
 COMMENT: Papa November stations continue to be heard with great regularity in this country in spite of the radical changes in Eastern Europe.
4. INTERCEPT: 31.268 MHz, 1800 UTC.
 DETAIL: 5-D Spanish, heard in Northeastern Missouri at mid-day on a scanner. (Z. Eaton, MO)
 COMMENT: This isn't the first time Numbers transmissions have been reported in this frequency range. Curious. Very curious. Was this skip? Or was it something else?
5. INTERCEPT: 4881 kHz, 0300, 0330, 0400, ad infinitum.
 DETAIL: This station makes the top ten only because of its persistence. Commonly called "Bulgarian Bette", this YL announcer sits on this frequency night after night reciting numbers.
 COMMENT: Although the language used in these transmissions has long been thought to be Slavic in origin, there is ongoing controversy as to whether or not it is a true Slavic language. A recent Radio Netherlands Media Network report suggested that the language is in fact Macedonian. That's right, Macedonian. And to think I thought that went out with Alexander the Great!
6. INTERCEPT: 7415 kHz, 0345 UTC.
 DETAIL: The regular high speed CW Numbers transmission on this frequency is generally preceded by a long string of CW "E's". On the night in question, the frequency was occupied by a band of Pirate radio broadcasters. The CW operator replaced his usual string of E's with a string of very clearly heard "...-...-...-s".
 COMMENT: Guess the Soviet Naval station that occupies that frequency isn't totally lacking in humor, now, is it?
7. INTERCEPT: 8063 kHz, USB, 0531 UTC.
 DETAIL: Multitone interval signal with station ID as Lima Alpha repeated for five minutes. Followed by "Achtung" and 5-Digit German Numbers. (W. Blight, MD)
 COMMENT: The Lima Alpha Stations fall into the Papa November family of Numbers and are extremely rare in this country. Good Catch!
8. INTERCEPT: 10125 kHz, 0200 UTC.
 DETAIL: Echo Zulu India - usually a full message with text - an English phonetic alphabet station attributed to the Israeli Mossad. On the night in question, it changed its format and passed no message. The header changed to Echo Zulu India Two. (K. Kaye, NY)
 COMMENT: A header of this kind is indicative of a "No Traffic" message. A sudden shift in format can be significant in circumstances where

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repetition and conformity are generally the rule.

9. INTERCEPT: 22110 kHz, 1400 UTC.
DETAIL: 5-D English, repeating groups. YL announcer with a marked accent. Transmission ended with the following 5-D group - 0 0 0 0 0.
(A. Tannenbaum, MA)
COMMENT: This got even more interesting. At various times, this transmission has been found on 22220 and 22330. Maybe we'll find it on 22440 one of these days.
10. INTERCEPT: 7411 kHz, 1918-1920 UTC.
DETAIL: "Hilarious Numbers Parody" as reported in the May edition of The A*C*E Bulletin. 5-Digit Spanish Numbers, male announcer, all numbers were replaced with words for Mexican food, eg. Tequila-Guacamole-Frijole-Tortilla-Chili; Nacho-Nacho-Guacamole-Burrito-Tortilla, etc."
(The A*C*E Bulletin)
COMMENT: It takes all kinds, so make mine a Tecate . . .

-0-0-0-0-CONET-0-0-0-0-

UTILITY ROUND-UP #####
Editor: Ary Boender e-mail: ary@luna.nl
Nickname on #WUNclub and #monitor: Ary-B

Hello everyone. It is January 2005 at the time that you read this and that means that WUN is celebrating its 10th anniversary. Isn't it great?

The Utility Round-up column was not yet present in the first newsletter. I started this column in October 1995. During its existence columns like "the Military column", "Military Newsreel", "Surfing the Longwaves", "Government & SSB News", and "the International Civil Aero column" have been fully integrated in the Utility Round-up or were part of this column for the time that there was no column editor. It is often difficult to fill the column but so far it appeared in almost every newsletter.

Ok, on with the show... but before I proceed I'd like to thank all the contributors to this column for their support in 2004 and I wish you a

HEALTHY, PROSPEROUS AND PEACEFUL NEW YEAR!

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This month's historic utility radio facts:

- 7 Dec. 1938: The St.Louis Dispatch begins a two-year experiment to deliver newspapers by radio facsimile
- 12 Dec. 1901: First transatlantic wireless message sent to Marconi in Nova Scotia from the Lizard Peninsula, Cornwall, UK.
- 24 Dec. 1898: First ship-to-shore message sent.
- 24 Dec. 1906: Professor Reginald Fessenden, head of the electrical engineering department at the western University was the first one to transmit the human voice and music. He made the first long-range voice transmissions on 24 December 1906 from a station in Brant Rock, Massachusetts.

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* AFRICAN REPORT *

- 7005.0 kHz. Christian missions in Tanzania. Idents: Dodoma, Mbesa, Dar es Salaam, Mtwara, Tunduru, Masasi, Njoka, Songea, Semanga, Nachingwea. Languages on the net: Kiswahili, German, English.
- 7022.5 kHz. Agricultural estates, northern Tanzania. Idents: MD Arusha Naberera, KT, Poverty.
- 7045.0 kHz. Tanzania Electricity Supply Co. 30+ stations.
- 7056.0 kHz. Hunting camps, some near Selous Reserve. Idents: Maasai, Kalulu, Lukula, Morogoro, Mahenge, Musoma, Mobile 1, Mobile 2, Mobile 3, Kuria, Kabojo, George, Jason, Dar es Salaam. Languages used on the net: English with a South African accent, Kiswahili with a Tanzanian accent, Afrikaans. Administration, ordering stores and listing of game killed. Operate late into the evenings. Schedules 0830, 1200 and 1900 local time (UTC+3).
- 7050.0 kHz. Unid NGO in Rwanda. May also have stations in Ethiopia, Somalia and Mozambique. Idents: A, AA, BB, J, K, D, DG, Kigali, GA, W, WA, 42, 54, 4A, 72, 691, 134, PW, Bukavu. Languages heard on this net: French, English, Italian. The positions coded, Alfa, Golf etc. Possible Kampala link.
- 7055.0 kHz. Unid NGO in Zaire. Idents: MA, A, B, G, Banana, R, LW, F, EL. Languages on the net: French, Kiswahili, Italian. Phone patches.
- 7061.0 kHz. Somali net. Idents: Lugh, Kismayu, Burao, Bardera, Wari, Bulla Hawa, Baidoa. Calling Nairobi.
- 7070.0 kHz. Unid net in Somalia and Eritrea. Idents: Asmara, Afmadu, Dobleh, Baidoa, Merere, Garoe, Burhane, Mogadishu, Kismayu, Beletwein.
- 12000 kHz. Unid Medical NGO. See 14000 kHz.
- 14000 kHz. Unid Somali net. Idents: Galkayu, Bossasso, Hageisa, Afmadu, Mogadishu, Kismayu.
- 14000 kHz. Unid Medical NGO in Zaire, Sudan, Somalia and Uganda. Idents: BI, ML, FM, SL, OK, Zero, Quarante, 95, KE, CC, CE, CJ, CM, Goma, JM, JK, CN, KT, JA, DK, KM, MM, DJ, BC, NI3, YL, AL, K1, NI, Mai Mai, YL, SV, Kasungu, NBI, JT, AR. Languages heard: English, Amharic, other vernaculars like Kiswahili and Dholuo (predominating). Medical traffic in phonetics. Definite connection with Kenya but no traffic heard. Also on 12000 kHz LSB and 14450 kHz LSB.
- 14450 kHz. Unid Medical NGO. See 14000 kHz.
- 21021 kHz. Missionary net in DR Congo, Burundi and Rwanda. Idents: DL, Kilo, Sierra, DK, Mike. Observed at 0900, 1250, 1402-1446 UTC.

(Sources: IARUMS, DARC Bandwacht)

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* EUROPEAN REPORT *

::: Russia

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Klaus Betke observed the Krasnodar Time Signal Station on 25 kHz.
RJH63 was inactive from May 2003 till Oct/Nov 2004. Good catch, Klaus!

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::: Germany

An interesting report came in from Alan Lennon who heard Deutsche Telekom with a test transmission on 26000 kHz AM at 1120 UTC on 14 Dec. Alan says "Seems to be beating with another carrier so hard to make out the contents of the test tape. Seems to be a dual language (German/English) tape loop giving station contact details."

I'm looking for more info, folks. Anyone?

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Tom relayed a note from Walter (DJ2LF) who writes "Last week I got a permission to operate a MW-transmitter from the German RegTP. It will be used for studies of propagation and testing modern receiving modes. Some data: Frequency 440KHz, bandwidth 200Hz, max. 9W ERP. Call DI2AG (the DI-prefixes are for test and research only, therefore this is no ham radio application). Modes A1A, A1B, F1B, G1B. Location JN59NO. The permission is valid in 2005. The TX will be operated as a beacon, QRSS3 preferred, with a text like "DI2AG JN59NO 1W". This will be repeated in normal CW. I would be glad to receive your reports like date/time from-to/report in uV/m or dB below noise or similar/remarks/by e-mail. Screen shots appreciated. The QRSS-frequency will be 440.044kHz, I hope there will not be other lines. Please send your mails to walter.staubach@fen-net.de or dj2lf@darcd.de"

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::: The Netherlands

A special event took place on 18 and 19 December to commemorate fact that Scheveningen Radio (PCH) was founded 100 years ago. Scheveningen Radio was on the air on a number of frequencies with voice, cw, psk31 and rtty transmissions. The event was PCH's last one. The station used a special callsign: PC100H.

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::: United Kingdom

There are three identical propagation beacons operating on 5290 kHz. I have heard two of them on many occasions but on 12 December I heard the third beacon for the first time.

The beacons transmit at a nominal power of 10w.
Stations: GB3RAL, Rutherford Appleton Laboratories, Oxfordshire;
GB3WES, Cumbria;
GB3ORK, Orkney Isles.

GB3RAL's transmissions start on the hour, h+15, h+30 and h+45 minutes.
GB3WES starts one minute later than GB3RAL and GB3ORK starts one minute later than GB3WES.

The transmissions consist of the callsign being sent by CW at full power followed by a sequence of pulses.

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* PACIFIC REPORT *

::: Royal Flying Doctor Service of Australia

The RFDS established a communications network - originally using the

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famous pedal radio - seventy years ago, which has traditionally served as the backbone of the Flying Doctor's mantle of safety. The increasing penetration of telephones into households in remote areas of Australia has meant that these communications services are now mostly used by 4WD tourists and travellers. Although satellite phones are quite popular these days, the RFDS recommends all travellers to remote areas using an HF radio. You can hire HF radio sets from a number of companies in Australia, so you do not need to buy one when you're travelling in Outback Australia.

- RFDS bases and frequencies.

VJB - Derby RFDS Western Operations	: 5300, 5360, 2792 kHz
VKL - Port Hedland RFDS Western Operations	: 5300, 5360, 2280 kHz
VJT - Carnarvon RFDS Western Operations	: 5300, 5360, 2280 kHz
VKJ - Meekatharra RFDS Western Operations	: 5300, 5360, 2280 kHz
VJQ - Kalgoorlie RFDS Western Operations	: 5300, 5360, 2792 kHz
VJD - Alice Springs RFDS Central Operations	: 5355 2020, 5410, 6950 kHz
VNZ - Port Augusta RFDS Central Operations	: 2020, 4010, 6890, 8165 kHz
VJC - Broken Hill RFDS South Eastern Section	: 2020, 4055, 6920 kHz
VJN - Charleville RFDS Queensland Section	: 2020, 4980, 6845 kHz
VJI - Mt Isa RFDS Queensland Section	: 2020, 5110, 6965 kHz
VJN - Cairns RFDS Queensland Section	: 2020, 2260, 5145, 7465 kHz

The 2 Mhz frequencies are primarily for night use.

Source: Royal Flying Doctor Service of Australia
<http://www.flyingdoctor.net/>

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::: Australian National 4WD Club / VKS-737

Allen Fountain sent us an interesting log:

"8022 kHz: VKS-737 (Australian National 4WD Club). At 0650 Mobile Unit VICTOR9753 on the Eyre Highway which links western Australia with the Eastern states arrived at the scene of a fatal road accident near a location known as Caiguna activated his selcall and the response was from Alice Springs base was immediate. It was necessary to inform the nearest police station 737km away. This was immediately arranged by VKS737 Adelaide base who was monitoring the frequency. Monitored also from the first response to the selcall from this QTH 1690km from the accident site. Both Alice Springs and Adelaide are 1000km from the site, if it was required there was an ambulance on the highway only 75km away."

Looking at this log I thought that I should re-introduce this network to you. I have featured VKS-737 years ago, but I think that many new members do not know who VKS-737 are. Here is a short introduction.

The Australian National 4WD Radio Network Inc. is a Public Benevolent Institution established to provide communications and safety logging services for members of the public travelling and working in the remote areas of Australia. The Network also provides services for users of aircraft and marine pleasure craft, and fishing vessels.

The VKS-737 Network was established in 1993 following a request from the Department of Transport & Communications (now Australian Communications Authority) in Adelaide with the view to setting up an Australia wide Four Wheel Drive HF Radio Network for use by Outback travellers. The need for a dedicated Four wheel Drive Radio Network stemmed from a DoTC decision to clamp down on the illegal use by Four wheel Drivers of Outpost Radio Frequencies such as 5300, 5360, 5410 kHz etc. to make contact from their homes to others travelling in the Outback. At times Emergency Calls through RFDS bases had been disrupted when "illegal" users had refused to clear the channels when requested to do so by the bases. In December 1996 the Network was transferred to the control of the Australian

National 4WD Radio Network Inc.

Base Stations are presently located at Adelaide (SA), Alice Springs and Darwin (NT), Cairns and Charters Towers (Qld), Derby, Perth and Sandstone (WA), Newcastle (NSW), and St Marys (Tas). All base stations can be remotely controlled from any other base station or by emergency services.

The base station operators provide the following services to members:

- Daily safety logging of members locations and planned movements over the following days.
- Message handling to & from family, friends etc.
- Medical advice and emergency aid arranged through RFDS Bases at Broken Hill & Jandakot, as well as from the SA, Victorian & WA Police.
- Road Condition Reports.
- Weather Reports, Bushfire Danger Index warnings, Cyclone warnings from the Bureau of Meteorology.
- HF Propagation Warnings and Information supplied from IPS Radio & Space Services.

The VKS737 network has base stations covering the Australian continent and Tasmania.

Ch.	Frequency	Remarks
1	5455 kHz USB	The second channel used for most skeds. Channel 2 below is the most used frequency for Network skeds, but channel 1 can often provide better comms when HF conditions are poor.
2	8022 kHz USB	The main channel for all skeds, and used a lot by members for private traffic (outside of sked time-slots).
3	11612 kHz USB	Used for minor sked traffic, as per the sked sheets. Often subject to overseas interference.
4	14977 kHz USB	Used for minor sked traffic. Often has a very good reach, during the middle section of the day.
5	3995 kHz USB	No sked traffic - free use for members. Quite good for short distance comms.

Road Condition and Weather Information Schedules:

UTC	Base	Frequency
2130-2230	Charters Towers	8022 *)
2230-2300	Alice Springs	8022, 5455
2330-2335	Derby	5455
2335-2345	Derby	8022
2345-0000	Perth	8022, 5455, 14977
0330-0400	Alice Springs	8022, 11612, 14977
0400-0500	Derby	8022, 5455, 8022
0500-0530	Charters Towers	14977
0530-0600	Charters Towers	11612
0600-0630	Charters Towers	8022
0630-0800	Alice Springs	8022
0800-0830	Adelaide	8022
0800-0830	Alice Springs	5455
0830-0900	Adelaide	8022, 5455, 8022
0900-0910	St Marys	8022, 5455
1000-1030	Perth	8022, 5455

Notes:

- Finishing times may be extended subject to traffic demand.
- Weather and Road Reports may be obtained from bases upon request.

*)Summer schedule: 2200-2230 UTC.

Source: VKS-737 Network

<http://www.vks737.on.net/>

<<<<>>>>

::: Live Flight New Zealand

A log from Mark attracted my attention. Mark heard "Life Flight 01" on 10 Dec between 0540 and 0600 UTC on 8867 kHz USB. He writes:

10 Dec 05:43 UTC 8867 kHz USB - "Life Flight 01" calls Auckland Radio with position. This aircraft (ZK-LFT) is based in Wellington and area of coverage includes Chatham Island, about 400 nm from Wellington (probably where this flight is heading, or returning from). And at 05:58 UTC, "Life Flight Zero One" requests climb from FL210 to FL230. Auckland issues a clearance for the block 210 to 230. Advises "Traffic in that block is Christchurch to Chatham Island".

The beauty of the internet is that when you read a log like this, you can go online and within minutes you know who Life Flight is. Nice, huh?

Here is some info that I found on their website at www.lifeflight.org.nz

"The Life Flight NZ fixed wing air ambulance is based in the Life Flight Air Rescue Centre at Wellington International Airport. The plane is a pressurised Fairchild Metroliner (Metro) SA-227. Registration: ZK-LFT. It requires two pilots and is fully IFR equipped and operated. It is configured to carry two stretchers or incubators plus four medical staff, one crew person and up to four relatives or patient support people. Life Flight NZ is mainly used to transport patients to and from Wellington Hospital. If the plane is available it can also be used to transport patients between other hospitals if requested. Life Flight NZ was brought into service on 7 July 2001. It is one of the only fully dedicated, pressurised, air ambulance services available in New Zealand.

The company also owns a Westpac Rescue Helicopter (ZK-HLF) that is based in the Air Rescue Centre at Wellington Intl Airport. The helicopter is a BK117-B2. The BK117 is a very popular EMS (Emergency Medical Service) helicopter around the world and has become the standard type of rescue heli for the main centres in New Zealand. It has two engines, which means increased safety, particularly when flying over water, as we do on almost all of our flights. Although we fly VFR with one pilot, the aircraft is able to be operated by two pilots or, if required in the future, it is equipped so it can be operated under IFR."

Life Flight has no designated frequencies. You can hear them on marine channels 16 and 74 (156.725 and 156.8 MHz) and on Auckland's HF freqs.

-0-0-0-0-0-0-0-0-0-0-

* AMERICA'S REPORT *

4890.0 kHz. Argentine Police La Pampa Province
 13567.0 kHz. Argentina Radio (c/s LSD836) with phone patches. Serving Antarctic Bases and Patagonian farms
 18250.0 kHz. Unid Argentine stn with phone patches
 18278.5 kHz. Argentine navy "Badén". Coordination for Packet traffic on 18280.7 with "Abogado", "Birrete" and "Bachiller"

(Logged by Tony Paredes)

-0-0-0-0-0-0-0-0-0-0-

* ASIAN REPORT *

WUN-v10

7000.0 kHz. Unid net in Indonesia. Idents: IT9, IZ7. Traffic in Italian with Michele, Francesco and Angelo, saying "questa e frecuencia libera a tutti".

7038.5 kHz. Central Water Commission stations in India for river level reporting.

14000 kHz. Indian or Pakistani smuggle ships.

(Source: IARUMS)

-0-0-0-0-0-0-0-0-0-0-

WUN LOGS COLUMN

=====
Dec 2004
=====

Edited by Eddie Bellerby (eddiebellerby@tiscali.co.uk)
ably assisted by the following logs collectors:-
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=====
Ladies and Gentlemen,
The end of another year is upon us and I wish you and all your families the very happiest 2005.

As you can see below it has been quite a rollercoaster for the logs column; the total number of logs published was 19431. Let's see if we can do better in 2005.

Jan 2307
Feb 1133
Mar 1798
Apr 326
May 796
Jun 1369
Jul 781
Aug 1037
Sep 2540
Oct 2947
Nov 2219
Dec 2178

- 00018.1 RDL: Russian Military via Krasnodar VLF Site 1428
36-50/50/65 Two T600 messages. (15Dec04) (RGA)
00082.8 MKL: JMHQ Northwood via Crimond LF Site 1422
NATO-75/75/70 Blocked messages. (15Dec04) (RGA)
00129.1 DCF49: E-FR GmbH Mainflingen GER 1557 ASCII (8-bit
even parity) Load management data plus "DCF39/49 telegram
#6: Fri 03/12/2004 16:57:29 winter time diff = -01:00:01"
telegram no increments 0 to 15 repeating. 10-second bursts.
Thanks to Day for tip. (03Dec04) (RGA)
00129.1 DCF49: EFR MAINFLINGEN 1645 ASCII 200/N/350
(8data/EP/1stop). Short bursts every 11 sec. Occ switching
bursts. ID burst every 15 mins (02/Dec)(DW)

WUN-v10

00139.0 DCF39: E-FR GmbH Magdeburg GER 1659 ASCII Load management data and telegram nos as for DCF49 on 129.1 khz. (03Dec04) (RGA)

00139.0 DCF39: EFR BURG 1637 ASCII 200/N/350 (8data/EP/1stop). Short bursts every 11 sec. Occ switching bursts. ID burst every 15 mins (02/Dec)(DW)

00147.3 DDH47: DWD Hamburg via Pinneberg GER 1633 RTTY/50/80 CQs/RYS/calls. // 11039 // 14467.3 (03Dec04) (RGA)

00147.3 DDH47: DWD Hamburg via Pinneberg GER 2039 RTTY/50/75 Calls and RYS. // 11039 14467.3 (08Dec04) (RGA)

00490 TAN: IzmirR TUR 0021 NAVTEX (21Nov04) (WC)

00490.0 Niton: ? 1918 NAVTEX fren end of tricolor's shipyard Nov25 04 ML

00518 4XO: HaifaR ISR 0052 NAVTEX (22Nov04) (WC)

00518 9AS: SplitR HRV 1441 NAVTEX (20Nov04) (WC)

00518 9HD: MaltaR MLT 0237 NAVTEX (22Nov04) (WC)

00518 CTV: MonsantoRadio POR (R) 1050 NAVTEX MIBS: Yacht "Colos" lost on voyage Madiera to Martinique. (06Dec04) (RGA)

00518 EAV: Cabo de la Naor SPA 0054 NAVTEX (20Nov04) (WC)

00518 EJM: Malin Head Radio (Q) 2246 NAVTEX IMPORTANT: Gale warnings Rockall Malin Hebrides Bailey. (06Dec04) (RGA)

00518 FRL: CROSS La Garder FRA 0411 NAVTEX (20Nov04) (WC)

00518 G: Unid USCG NAVTEX Stn 0829 NAVTEX ZCZC GA74 CCGDEIGHT BNM 0584-04 LA - GULF OF MEXICO - MISSISSIPPI SOUND 1. THE COAST GUARD HAS RECIEVED A REPORT OF A SUBMERGED PLATFORM IN APPROXIMATE POSITION, 29-42-03.00N, 088-10-57.00W. THE PLATFORM IS REPORTEDLY NOT MARKED. MARINERS ARE URGED TO USE EXTREME CAUTION WHEN TRANSITING THE AREA. 2. CANCEL AT TIME//212000Z DEC 04// NNNN (24Nov04) (APB)

00518 GCC: CullercoatesR GBR 0102 NAVTEX (23Nov04) (WC)

00518 GNI: NitonR GBR 2341 NAVTEX (22Nov04) (WC)

00518 GPK: PortpatrickR Scotland 0226 NAVTEX (26Nov04) (WC)

00518 IAR: RomaR ITA 0352 NAVTEX (20Nov04) (WC)

00518 IDC: CagliariR ITA 0015 NAVTEX (20Nov04) (WC)

00518 IQA: AugustaR ITA 0432 NAVTEX (20Nov04) (WC)

00518 IQX: TriesteRadio (U) 2317 NAVTEX MIBS. (06Dec04) (RGA)

00518 IQX: TriestiR ITA 0022 NAVTEX (20Nov04) (WC)

00518 LGQ: RogalandR NOR 0555 NAVTEX (22Nov04) (WC)

00518 LZW: VarnaR BUL 0533 NAVTEX (28Nov04) (WC)

00518 NMR: USCG San Juan PR (R) 0639 NAVTEX ZCZC RA19. USCG SECTOR SAN JUAN BCST VHF-FM. CG SECTOR SAN JUAN 321-04 WEST INDIES-U.S. VIRGIN ISLANDS-ST CROIX 1. A 100FT YACHT MI AMOR IS AGROUND IN APPROXIMATE POSITION 17-45.36N 064-41.79W, 1/2 MILE OFF CHRISTIANSTEAD HARBOR. ALL MARINERS ARE REQUESTED TO USE CAUTION WHILE TRANSITING THE AREA. 2. CX AT 242130Z NOV 04. NNNN. (24Nov04) (APB)

00518 OST: Oostender BEL 0304 NAVTEX (20Nov04) (WC)

00518 OST: OostendeRadio (T) 2310 NAVTEX MIBS. (06Dec04) (RGA)

00518 PBK: Den HelderR NLD 0237 NAVTEX (22Nov04) (WC)

00518 PBK: Netherlands (Den Helder) R HOL 0333 NAVTEX (20Nov04) (WC)

00518 SAA: KarlskronaR SWE 0128 NAVTEX (23Nov04) (WC)

00518 SAG: G"teborgR SWE 2334 NAVTEX (22Nov04) (WC)

00518 SUH: AlexandriaR EGY 2241 NAVTEX (21Nov04) (WC)

00518 SVH: IraklionR GRC 0111 NAVTEX (25Nov04) (WC)

00518 SVK: KerkyraR GRC 0332 NAVTEX (20Nov04) (WC)

00518 TAL: AntalyaR TUR 0053 NAVTEX (22Nov04) (WC)

00518 TAN: IzmirR TUR 0221 NAVTEX (20Nov04) (WC)

00518.0 OST: ostende 1915 NAVTEX ee naws / wreck tricolor pos Nov25 04 ML

01656.0 chipione: / spain 0741 USB span Dec12 04 ML

01677.0 EAS: cabo penas 1928 USB span wx Nov26 04 ML

01698.0 la coruna: 1923 USB span wx //1784 weaker Nov26 04 ML

WUN-v10

01728 LGN: BergenRadio NOR 2120 USB OM with Sécurité gale warning in EE and Norwegian. (16Dec04) (RGA)

01734.0 OXZ: lyngby 1605 USB dan y1 Dec11 04 ML

01743.0 Stornoway: CG 2110 weather forecast in EE, with prior announcement on 2182 khz, Scotland USB 29/11 (PP1)

01767.0 OXZ: lyngby 1925 USB dan work unid ship d/x Nov25 04 ML

01782 LFO: OerlandetRadio NOR 2122 USB OM with same gale warning as LGN in EE. Then calls Arctic warrior/MYQX2 for traffic and continues Sécurité gale warning in Norwegian. (16Dec04) (RGA)

01806.5 : Unid Veripos/Hypherfix Station 2135 4-PSK 2s on/2s off. (19Nov04) (RGA)

02005 : CIS Military 2137 81-81/81/230 Cipher Probably working with 2090 khz. (19Nov04) (RGA)

02010 : Unid FishFone 2033 CRY-2001/USB Analogue scrambler. Male voices. (15Dec04) (RGA)

02012.5 MTHR: Unid CIS 2037 CW MBPN MTHR and BA2Q exchanging QSAs. QSA4 QSA? K. QSA4 K R K. Hand sent. (15Dec04) (RGA)

02142.5 : Russian Military 2230 RUS-75/75/160 cipher. (21Nov04) (RGA)

02182 MV CARIBE STAR: wkg "US Coast Guard" 0456 USB Requesting Med-Evac. Also possibly related traffic on 5696 with RESCUE 2113. (27Nov04) (RB)

02182 NMN37: USCG Group Fort Macon, Ga 0103 USB w/ann for MIB on 2670. (02Dec04) (RB)

02182 NMN: USCG CAMSLANT Chesapeake 2325 USB Clg NZSR, USCGC Beluga (WPB-87325) no joy. (27Oct04) (RB)

02182 VCO: CCG, Sydney CG Radio, NS,CAN 0041 USB w/ann for Marine Broadcast on 2749. (02Dec04) (RB)

02182 VCP: Placentia Coast Guard Radio, Placentia, NF CAN 0049 USB w/ann listen 2598 for wx forecast. (02Dec04) (RB)

02182 VCS: Canadian CG Halifax CG Radio NS CAN 0241 USB w/ann: urgent marine gale warning on 2749. (28Oct04) (RB)

02182 YARMOUTH COASTGUARD: MCA Yarmouth UK 2040 USB Ends MIB transmission. (15Dec04) (RGA)

02182.0 CG Group Ft Macon NC: 0013 USB w/PON PON broadcast to mariners to be on lookout in area of 3375N/7618W. 12/02 RP3

02182.0 Halifax Coast Guard Radio: 0240 USB w/announcement regarding availability of notice to mariners. 12/03 RP3

02182.0 Machichaco R: 2010 usual "sécurité" announcement before qsy to the 160m band usb 05/12 (PP1)

02187.5 311243000: unid bahamese ship 0253 GMDSS calling Lyngby for safety purpose (21-11-2004)(MSM)

02187.5 3FQN3: Panamanian-flagged vessel Ever Round 1947 GMDSS RQs sister vessel Ever Result/3FSA4 for simplex telephone conversation on 12345 khz. (26Nov04) (RGA)

02187.5 3FUN3: Panamanian-flagged vessel Global Harvest 2005 GMDSS RQs MRCC Tenerife/Las Palmas for saftety test. MRCC BQs. (07Dec04) (RGA)

02187.5 3FUN3: Panamanian-flagged vessel Global Harvest 2020 GMDSS RQs Floriana/9HCK7 then unlisted Netherlands MMSI 00244000 for safety tests. (07Dec04) (RGA)

02187.5 9HMV7: Maltese-flagged vessel High Rider 1915 GMDSS RQs MRSC Milford Haven wales for a safety check. (26Nov04) (RGA)

02187.5 9HWG6: maltese ship MERMAID STREAM 0221 GMDSS calling Lyngby Radio for test purpose (21-11-2004)(MSM)

02187.5 : CROSS Corsen France 1909 GMDSS Preliminary call for safety bcast on 2182 khz. (26Nov04) (RGA)

02187.5 : MRCC Tenerife/Las Palmas 2044 GMDSS All ships preliminary call for MIB bcast on 2182 khz. (07Dec04) (RGA)

02187.5 A8BK6: Liberian-flagged vessel APL Ireland 2204 GMDSS RQs Constanta Harbour Master/ YQI for safety test. (01Dec04) (RGA)

02187.5 C6KA8: Bahamas-flagged vessel Toisa Puffin 2110

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- GMDSS RQs British ship Dia Pilot/MTKM5 for simplex telephone conversation on 2929 kHz. (23Nov04) (RGA)
- 02187.5 C7NX8: Bahamas-flagged Vessel Stirling Clyde 2054 GMDSS RQs MRSC Zetland for safety check. MRSC BQs. (23Nov04) (RGA)
- 02187.5 EBUQ: Spanish Ship Esperanza del Mar 2118 GMDSS RQs MRSC Tenerife/Las Palmas for safety check. MRSC BQs. (23Nov04) (RGA)
- 02187.5 ECDE: SHIP BOA DEEP C 0504 DSC 100/E/170 Distress calls (*9) thru 0530z, error free. Undesign.ed Posn 58.55N 5.44E (nr Stavanger) MMSI 224262000 (10/Dec)(DW)
- 02187.5 EI3178: Irish Fishing Vessel Glen Ravel 2202 GMDSS RQs IFV Golden Feather/EI6008 for telephone simplex conversation on 3030 kHz. (23Nov04) (RGA)
- 02187.5 EI4835: Irish Fishing Vessel Tannetje 1946 GMDSS RQs IFV Glen Ravel/EI3178 for simplex telephone call on 4090 kHz. EI3178 BQs. Regulars. (26Nov04) (RGA)
- 02187.5 EI6008: Irish Fishing Vessel Golden Feather 1932 GMDSS RQs IFV Jacob/EI3259 for telephone conversation on 8100 kHz. (26Nov04) (RGA)
- 02187.5 EI6008: Irish Fishing Vessel Golden Feather 2126 GMDSS RQs IFV Atlantic Fisher/ EI6277 for simplex telephone conversation on 3056 kHz. (01Dec04) (RGA)
- 02187.5 EI6008: Irish Fishing Vessel Golden Feather 2232 GMDSS RQs IFV Tannetje/EI4835 for simplex telephone conversation on 8216.6 kHz. Regulars. (01Dec04) (RGA)
- 02187.5 EI6227: Irish Fishing Vessel Aine Christina 2128 GMDSS RQs unknown Irish vessel using MMSI 250108400 for duplex telephone conversation on 8412.3/8124.7 kHz. Unknown BQs. (23Nov04) (RGA)
- 02187.5 ELHO3: Liberian-flagged Vessel Aquamarine 2153 GMDSS RQs MRCC Aberdeen Scotland for safety test. MRCC BQs. (01Dec04) (RGA)
- 02187.5 FPFN: SHIP AMPHITRITE 2351 DSC 100/E/170 Multiple (*32) distress calls thru 01/0020z. Undesignated. MMSI 228957000. Fishing vessel. Posn 44.38N 2.28W (SE Bay of Biscay) (30/Nov)(DW)
- 02187.5 GCJK: British Ship Grampian Falcon 2038 GMDSS RQs MRCC Aberdeen Scotland for safety test. (07Dec04) (RGA)
- 02187.5 GCJK: British Ship Grampian Falcon 2159 GMDSS RQs MRCC Aberdeen Scotland for safety test. MRCC BQs. (01Dec04) (RGA)
- 02187.5 H8DY: Panamanian-flagged Vessel Silver Sapphire Inc 1916 GMDSS RQs TarifaRadio/EAC for safety check. Tarifa BQs. (26Nov04) (RGA)
- 02187.5 LJLN3: Norwegian Ship Lysbris 2032 GMDSS RQs LyngbyRadio DNK/OXZ for safety test. Lyngby BQs. (09Dec04) (RGA)
- 02187.5 LXMS: Luxembourg reg. ship "Melusine" 0315 GMDSS calling Rogaland Norway for safety purpose (21-11-2004)(MSM)
- 02187.5 Lyngby: 0240 GMDSS calling ship MNXW3 "Saturn" for safety purpose(21-11-2004)(MSM)
- 02187.5 LZW: WarnRadio BUL 2201 GMDSS sends self-addressed safety message. Purpose unknown. (01Dec04) (RGA)
- 02187.5 MPPH5: British Ship Grampian Hunter 2009 GMDSS RQs MRCC Aberdeen Scotland for safety test. MRCC BQs. (07Dec04) (RGA)
- 02187.5 MWJZ5: British Ship Dea Ranger 2030 GMDSS RQs Aberdonian/MLHC2 for simplex telephone conversation on 2024.6 kHz. (07Dec04) (RGA)
- 02187.5 OFK: MRCC Turku FIN 2221 GMDSS BQs safety check with Finnish ship Kontula/OIKF. (01Dec04) (RGA)
- 02187.5 OXZ: LyngbyRadio DNK 2132 GMDSS CQ safety message giving voice frequencies 1734 and 2078 kHz. Then 1758 and 2102 kHz. (23Nov04) (RGA)
- 02187.5 OXZ: LyngbyRadio DNK 2132 GMDSS Transmits two sets of working? frequencies: 1734/ 2078 and 1758/2102 kHz USB. (23Nov04) (RGA)

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02187.5 P3NE5: Cyprus Ship Kapitan Vakula 2113 GMDSS RQs GöteborgRadio/SAB for safety check. (23Nov04) (RGA)

02187.5 PBK: Netherlands CG Radio 2018 GMDSS CQ all ships preliminary call for voice safety broadcast on 3673 kHz. (07Dec04) (RGA)

02187.5 PDTS: Netherlands Ship Dutch Engineer 2152 GMDSS RQs OostendeRadio/OST for safety check. OST BQs. (01Dec04) (RGA)

02187.5 SAB: GöteborgRadio SWE 1931 GMDSS Preliminary call for voice safety bcast on 2182 kHz. (26Nov04) (RGA)

02187.5 SPS: WitowoRadio POL 2130 GMDSS CQ preliminary call for safety bcast on 2720 kHz. (23Nov04) (RGA)

02187.5 SXLO: Greek-flagged vessel City of Glasgow 1914 GMDSS RQs MadridRadio/ECA6 for safety check. Madrid BQs. (26Nov04) (RGA)

02187.5 TFA: ReykjavikRadio ICE 2004 GMDSS Geographic SELCAL for area 62-68N 0-19E for safety broadcast on 1659 kHz. (07Dec04) (RGA)

02187.5 UDCC: Russian Ship Baltiisky-III 2117 GMDSS RQs LyngbyRadio/OXZ for safety test. OXZ BQs. (01Dec04) (RGA)

02187.5 UECZ: Russian Ship Sarmat-1 2203 GMDSS RQs MRCC Valencia/Almeria for ship's business giving USB frequency of 2182 kHz (???) (23Nov04) (RGA)

02187.5 Witowo: Witowo Radio 0234 GMDSS safety call all ships (21-11-2004)(MSM)

02187.5 XUMU9: Cambodian Ship Natalie Star 1935 GMDSS RQs LyngbyRadio DNK/OXZ for safety check. (26Nov04) (RGA)

02191.2 : NATO Modem 2016 STANAG-4285/USB 600bps long interleave. Perfect sync. Usual continuous enciphered data. (03Dec04) (RGA)

02214 : Unid Luftwaffe stn 2043 ARQ-E/85.8/160 Idling. Another on 2278 kHz. (15Dec04) (RGA)

02226.0 ukcg: / station ? humber or falmouth 2030 USB ee om wx Dec09 04 ML

02226.0 ukcg: falmouth 0744 USB wx Dec12 04 ML

02239.0 Czajka96: POL MIL 1954 USB/voice YL ,radio test to UNID station,just managed to copy few words (16-dec-2004)(MSM)

02250 OWE: RDAF FTK Karup 2002 ALE/USB Calls OWF/RDAF Skrydstrup who responds. Followed by modem activity. (28Nov04) (RGA)

02250 OWE: Royal Danish Air Force FTK Karup 2340 ALE/USB Calls OWC/Unid. (14Dec04) (RGA)

02273.5 : Luftwaffe System 2141 ARQ-E/85.8/150 Idling. (19Nov04) (RGA)

02346.6 : Unid 2146 UNID/50/480 Data off some voice possibly Slavic in USB. Nothing further. (16Dec04) (RGA)

02401.2 Unid: 2024 STANAG: 4285/600Long 6dec04 (S)

02410.0 unid: 2032 USB dutch om Dec09 04 ML

02423.2 unid: 2222z unid STANAG 4285/600Long 6dec04 (S)

02435 : CIS Military 2150 81-81/81/230 Cipher. Brief opchat. Cipher. (16Dec04) (RGA)

02461.5 94: Irish Naval Service Patrol Vessel PT?? 2021 ARQ 0A de 94 INT QRV ZBO CODAN K. QSY F3 PSE AND CU IN 5. Then continues with 5LG msg. CODAN comes up on 3450 kHz in the USB. 0A=INS HQ Haulbowline Is. Cork. (03Dec04) (RGA)

02463 IDR/IGJ: Rome/Agusta Radios 2233 RTTY/75/850 All inputs idle. (21Nov04) (RGA)

02463 IDR/IGJ: Rome/Agusta Naval Radio 2144 RTTY/75/850 Shows all input channels idle. (19Nov04) (RGA)

02463 IDR/IGJ: Rome/Agusta Radios 2025 RTTY/75/850 Calls indicating all input channels are free. (03Dec04) (RGA)

02474 PBC: RNethN Goree Island 2046 RTTY/75/850 CARBs. (15Dec04) (RGA)

02474.0 PBC32: 1920- PBC32: DN Goeree Island ITA2/75/850 4dec04 (S)

02474.0 PBC: Dutch navy Goeree 2122 RTTY 75b msg in progress (08-dec-2004)(MSM)

02478.5 EPMB: CIS Military 2308 CW ..JM de EPMB ZOK ZEA ZZE

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02495.0 ZJ. ZDP ZEO ZIO Z.. K. (heavy QRN). (03Dec04) (RGA)
 unid: Prob CIS MIL 2128 USB/voice male om once in a
 minute tx,numbers,callsigns (08-dec-2004)(MSM)

02531 OWI: RDAF Aalborg 1858 ALE/USB Calls OWE/RDAF FTK
 Karup. (26Nov04) (RGA)

02531 OWI: RDAF Aalborg 2024 ALE/USB Calls OWD/FSN
 Vaerloese here and on 2250 kHz. (21Nov04) (RGA)

02551.5 DAO2A: MarineNet Kiel GER 2053 PACTOR-3 Morse ID CQ
 de DAO2A. Not listed frequency. (15Dec04) (RGA)

02555.5 fishermen: 0748 USB ff d/x Dec12 04 ML

02579.0 IPB: Bari R 2205 15/12 usb navigational warnings
 in Italian (PP1)

02579.2 : NATO Modem 2144 STANAG-4285/2400/USB 600 data rate
 long interleave continuous enciphered data. (21Nov04) (RGA)

02598 Canadian Coast Guard St. Johns 0815 USB with MIB in
 EE. (27Nov04) (CC)

02598 VCP: Placentia Coast Guard Radio, Placentia, NF CAN
 0100 USB w/scheduled marine wx forecast. (02Dec04) (RB)

02600.0 IQQ: Mazaro del Vallo R 2205 15/12 usb
 navigational warnings in Italian (PP1)

02608.3 FUU: FN Toulon 2155 RTTY/75/850 RYSG test idlers.
 (16Dec04) (RGA)

02608.4 FUU: FN Toulon 2146 RTTY/75/850 RYSG tests to FAAA.
 (21Nov04) (RGA)

02611 WGAY: CIS Military 2159 CW WGAY R 159 QRV K. WGAY R
 ?18 QRV K. WGAV R 799 K. WGAY R 316 QRV K. WGAY RPT PBL K.
 WGAY R 864 K. Receiving batch traffic. WGAY QBE K. Closes
 the link. (16Dec04) (RGA)

02616.0 unid: prob R.N. UK Meteo 2140 FAX 120/576 1st time
 copy,north atlantic maps (08-dec-2004)(MSM)

02628.0 IQA: Augusta R 2205 15/12 usb navigational
 warnings in Italian(PP1)

02643 A9M: HamalaRadio BHR 2228 ARQ w/Morse ID.
 (16Dec04) (RGA)

02666.0 unid: 2145 15/12 usb navigational warnings in
 Italian (PP1)

02670 NMN37: USCG Group Fort Macon, Ga 0103 USB with
 Marine Info Broadcast. (02Dec04) (RB)

02677.0 cross la garde: 1559 USB french avurnav corsica
 Dec03 04 ML

02680 4XZ: Israeli Navy Haifa 2229 CW Vs marker. (16Dec04) (RGA)

02680.0 IDC: cagliari 1617 USB ital wx Dec11 04 ML

02684 : Unid 2149 UNID/96/190 ACF=0. (21Nov04) (RGA)

02704 : CIS Military 2152 MS-5/4800/DPSK/USB Cipher.
 (21Nov04) (RGA)

02737 REA4: AF HQ Moscow 2058 CW 50 Baud on/off revs. // 4179
 7018. (15Dec04) (RGA)

02749 VCS: Canadian CG Halifax NS Canada 0820 USB with MIB
 in EE and Notice to Fisherman USB 0820 (27Nov04) (CC)

02749 VCS: Halifax CG Radio,NS,Canada 0240 USB w/marine
 weather forecast. (02Dec04) (RB)

02750.0 PARNUYJP: Estonian Single Infantry Battalion Pärnu
 2210 USB/ALE wkng YSP Peace Operations Centre
 (09-dec-2004)(MSM)

02750.0 Roza07: unid CIS prob MIL, 2208 USB/voice YL OM
 callsign sounded like Roza07 in russian,calling other
 stations,mil style ops. (09-dec-2004)(MSM)

02761.0 OSU: OSTENDE 2050 USB/voice om MM WX rep.,big
 sigs(16-dec-2004)(MSM)

02789 FUE: FN Brest 2227 RTTY/75/850 Numbered test
 sequences to ALL de FUE. (21Nov04) (RGA)

02810.0 Turku R: 0640 navigational/weather in Finnish and
 Swedish ,usb loud13/12 (PP1)

02815 : Poss RN Secure Bcast 2101 NATO-75/75/850 KG84
 blocks. (15Dec04) (RGA)

02817.5 SPS: WitowoRadio Poland 2207 GMDSS BQs safety test
 to 9VHB8/Singapore Ship Coral Sea. 02187.5 P3GQ9: Cypriot
 Ship Pelopidas 2211 GMDSS RQs LyngbyRadio DNK for safety

test. (01Dec04) (RGA)
02841.9 unid: 1933 ARQ-E / 85.7 idling Nov26 04 ML
02842.0 Unid: 2300z unid German Air?ARQ-E 85.7/170 crypto 6dec04 (S)
02845 PBB: RNethN Den Helder 2148 RTTY/75/850 CARBs.
(19Nov04) (RGA)
02845 PBB: RNethN Den Helder 2226 RTTY/75/850 CARBs.
(21Nov04) (RGA)
02848.0 unid: on dao frq 2101 USB chinese Dec09 04 ML
02872.0 Gander: (MWARA NAT-C): 0220 USB w/unheard aircraft
in flight route change. 12/03 RP3
02899.0 Gander: (MWARA NAT-B): 0215 USB w/N59CF (not heard)
w/position report & selcal check. 12/03 RP3
02992.0 fishermen: 1941 USB span d/x with clear trawl
engines sounds Nov26 04ML
03016.0 New York (MWARA NAT-A): 2351 USB w/Delta 36 w/selcal
check (AG-CP). 12/14 RP3
03053.0 NOJ: USCG COMSTA Kodiak 1304 Mil-Std 188-141A/USB
sounding. (27-Nov-04) (JUM)
03068 CRONPR: US SIPRINET Stn RAF Croughton UK 2001
ALE/USB Sounding. (01Dec04) (RGA)
03102.0 KHABAROVSK: Regional ARTCC Khabarovsk Russia 1530
USB with radio checks w/Magadan, Okhotsk, Yuzhnyy(-
Sakhalinsk), Petropavlovsk(- Kamchatskiy) and Nikolaevsk(-na
Amure). (25-Nov-04) (JUM)
03114 : Enigma PIP 1840 MODE??? Currently sending the
letter Z five times every 60 seconds. (01Dec04) (AB2)
03135 : Unid Fishfone 2222 CRY-2001/USB Analogue voice
scrambler. synch at f+1500hz. Male voices. (21Nov04) (RGA)
03137 CRO: US GHFS Stn RAF Croughton UK 2016 ALE/USB
Sounding. (03Dec04) (RGA)
03137 190021: USAF C-5 69-0021 2234 ALE/USB Sounding.
(15Dec04) (RGA)
03137 CRO: GHFS Stn RAF Croughton UK 1920 ALE/USB
Sounding. (09Dec04) (RGA)
03137 JDG: US GHFS Stn Diego Garcia 2330 ALE/USB Sounding
along with CRO/Croughton. (13Dec04) (RGA)
03137 PLA: US GHFS Stn Lajes Field AZR 1902 ALE/USB
Sounding. (01Dec04) (RGA)
03137.0 DL0003: (E-3B AWACS # 79-0003): 1644 USB/ALE
sounding. Also sounding on 09025.0. 12/02 RP3
03154 HMA: Meteo Korea (PDRK) 1837 CW SINPO 33433. //
6780. (24Nov04) (AB2)
03154.0 HMA: North Korean Meteo 1830 CW / also transmitting
on: 6780khz (24/Nov/2004) (Attu Bosch)
03154.0 HMA: Pyongyang Meteo 1521 CW marker. //6780//
(25-Nov-04) (JUM)
03155 2211: Prob African Net 2034 ALE/USB Sounding.
(03Dec04) (RGA)
03155 1113: N.African Net 2228 ALE/USB Sounding. 1106 also
seen. (15Dec04) (RGA)
03159.5 SAB: Unid Vessel 2035 GLOBEDATA wkg SAB/Globe
Wireless Göteborg. (03Dec04) (RGA)
03167 P: MX Beacon Kaliningrad 2226 Not in synch with
5153.8. but synchs with 4043. (14Dec04) (RGA)
03167 P: MX Beacon Kaliningrad 2237 CW slow beacon.
(16Dec04) (RGA)
03172.5 IMB31: Rome Meteo 2120 RTTY/50/850 SYNOPS. (08Dec04) (RGA)
03192 RMP: Baltic Fleet HQ Kaliningrad 1700 CW To
collective REO: REO de RMP QTC 358 153 28 1952 358 = SML =
PROGNOZ POGODY DO 10 ÖASTOW 29 NOÄB ... WIDIMOSTI MENEË 1 KM
=. Repeats ends AR. (28Nov04) (RGA)
03192.0 RMP: cism kaliningrad ?? 2002 CW Nov26 04 ML
03203 L: MX Beacon Tirana 1710 CW (21Nov04) (WC)
03204 022NHQCAP: National Ops Center (NOC) US CAP National
HQs Maxwell AFB AL 0358 ALE/USB Sounding. (25Nov04) (CC)
03207 5RLJ: Russian Military 2210 CW Bcast msg to
collective GJZH: 5RLJ QTC 279 36 5 0042 279 = 751 = PPPPP
LäIUJ hBPMG ... LäIUJ hBPMG PTPEE 056 K. Then calls up

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individual subscribers for QSL HT7K ZCV2 X1PS O6KO LVA5
and cancels msg to KK2C 8OBZ and O73I. Then sends nr 788 to
QWKW: 788 29 5 0103 785 = 751 = EHBWS MMMMM HOXHÜ ...
(04Dec04) (RGA)

- 03207 6PMH: CIS Military 1756 CW Comms check with KXSB
EH3T and others (missed). (25Nov04) (RGA)
- 03207 : CIS Military 2219 CW Ends 33 5LGs ... hChwh PRPEE
086 k. (03Dec04) (RGA)
- 03207 SCT8: Russian Military 2218 CW In tfc - 29-group Msg
to unid: ...45 = 570 = SPUGS MMMMM GAFOJ ... GAFOJ XDMFY
ärPWO 229 RPT AL K. SCT8 C K. Followed by comms checks with
THEP ATXS OTG2 B2VK A39Y O74Z and ILS3. (13Dec04) (RGA)
- 03207.0 5RLJ: unid 2216 CW "de 5RLJ" tx cancel msg "QTA 681
K" (09-dec-2004)(MSM)
- 03207.0 5RLJQTA 681k: unid 2216 CW "de 5RLJQTA 681 K"
(09-dec-2004)(MSM)
- 03211 1LFJ: Ukranian Mil 2345 CW taking message from JCHJ,
who is on 03863. (via Stuttgart DX-Tuners remoter reciever)
(08Dec04) (JC5)
- 03211 9UAF: Ukranian Military 2226 CW To unid NCS: 9UAF OK
ZJG ZDH ZVR QYT1 K; QRJ4 QRJ? QYT1 K. (28Nov04) (RGA)
- 03211 EGVM: Ukranian Military 1721 CW ZENC de EGVM K. Ks
from EGVM NV7R SPFK CU7M 4S9R. Then 3HJE de NV7R K at 1844z.
NCS QSX is 3863 kHz. (09Dec04) (RGA)
- 03217 PUXF: Russian Military 2208 CW Message to collective
1YVZ QTC 632 29 20 0056 632 = 541 = ZÄPKF PPPPP UPJJÄ
ENCAM WPPWY 605. Rpts msg ending AR. (19Nov04) (RGA)
- 03229 N24Y: CIS Military 1928 CW N24Y NIOJ and others too
weak to copy give R K. (25Nov04) (RGA)
- 03260 S4S000OGBMRM1: Unid 1934 ALE/USB Calls
V1S0000EKCOPER. (25Nov04) (RGA)
- 03260 S4S000OGBMRM1: Unid 2029 ALE/USB calls
VIS0000EKCOPER. (21Nov04) (RGA)
- 03291 OWE: RDAF FTK Karup 2039 ALE/USB Calls OWD/FSN
Vaerloese. (21Nov04) (RGA)
- 03301 PSNN: CIS Military 2349 CW Ends 36 5LG msg ... YBNYA
WÄPEY 819 K. Callsign PSNN repeated for 5 minutes at
21/0007z. (20Nov04) (RGA)
- 03310.0 UTT: Odessa Radio 2240 USB Ukranian navigational
warnings, poor quality PC generated voice, hard to understand
(09-dec-2004)(MSM)
- 03322 : Russian Air Defence 2109 CW Plots like
990006??0???? 990007??0????? (990008 990010 etc series)
(15Dec04) (RGA)
- 03354 ALDT: Russian Military 1750 CW Calls NTSN
repeatedly. (25Nov04) (RGA)
- 03354 ALDT: Russian Military 2010 CW Bcasts message to
PKAW QTC 909 36 25 2254 909 = 570 = ESPIW PPPPP Ünvea ...
AGGUÖ WTPEE = 837 RPT AL QLN K. Followed immediately by
bcst msg to collective IHSK QTC 222 29 25 2256 222 = 254 =
OMOFI PPPPP hXWZM ... hXWZM WTPWY = 837. Repeats ending RPT
AL QLN AR. Followed by msg to JZIG 065 20 25 2302 065 = 570
= SOIRP MMMMM HÖJTX ... FYNES WTPWY 837 RPT AL K.
(25Nov04) (RGA)
- 03354 ALDT: Russian Military 2035 CW Comms check with NTSN
PLPA Y270. Still very active. (25Nov04) (RGA)
- 03354 ALDT: Russian Military 2107 CW JZIG de ALDT ZNA ZXK
ZOP QYT9. Opens parallel (MS-5?) circuit. At 2116 sends
circular to collective IHSK 970 24 27 0007 970 = ZTR 116 =
SGWRA MMMMM WVIWM ... ÄÄÖCL WUPWP 056. (26Nov04) (RGA)
- 03354 ALDT: Russian Military 2120 CW JZIG de ALDT QRJ?
QYT9 K. Hw the parallel? Then closes it QBE QYT9. Followed
immediately by msg to PKAW 250 23 27 0005 250 = 997 = SGWRA
MMMMM XXIER ... IFNHH WUPWP 056 RPT AL K. Very active circuit.
(26Nov04) (RGA)
- 03364 MLOY: Russian Military 1809 CW Calls 2ICE V82C TLWP
DD90 for comms check. (25Nov04) (RGA)
- 03364 MLOY: Russian Military 2205 CW Comms check with ...?

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2ICE V81C TLWP DD90. V81C and 2ICE apparently unresponsive.
(28Nov04) (RGA)

03388 TP3R: CIS Military 1757 CW NCC9 de TP3R K. QSV K.
(repeats). Then 1XS2 = ZAD ZYB = Then calls 2MWW for comms
check. (20Nov04) (RGA)

03388.0 421FEMAUX: (FEMA Auxiliary station, Winchester VA):
1312 USB/ALE sounding. Also sounding on 07428.0. 11/24 RP3

03390 MGJ: RN Secure Bcast System 1726 RTTY/75/850 CARBs
02 04. (28Nov04) (RGA)

03390.0 MGJ: 2312z MGJ: RN Faslane0ITA2/75/840 6dec04 (S)

03407.0 vm aktyubinsk: 2209 USB russ Dec09 04 ML08879.0 atc
shanwick 1116 USB alitalia 626 - FHGR ? Dec04 04 ML

03413 SHANNON VOLMET: Shannon IRL 2154 USB OM with
European airport actuals. (01Dec04) (RGA)

03413.0 Shannon: 0210 USB w/volmet. 12/03 RP3

03449.5 : Unid 1632 UNID/100/140 ACF=0. Possibly in VFT.
(28Nov04) (RGA)

03450 94: Irish Naval Service Patrol vessel PT?? 2028
CODAN/USB working 0A. Referenced from ARQ comms on 2461.5
kHz. Appears this is freq F3. wkg 0A/INS HQ. (03Dec04) (RGA)

03455.0 New York (MWARA CAR-B): 0113 USB w/LTU 901& Red
Comet 914 w/position reports. 12/15 RP3

03455.0 New York (MWARA CAR-B): 0204 USB w/Continental 112
(not heard) in altitude change and Speedbird 2116 w/position
report. 12/03 RP3

03455.0 New York (MWARA CAR-b): 2348 USB w/Virgin 76
w/position report & selcal check (BG-HJ). New York sets
secondary freq as 02887.0. 12/14 RP3

03485.0 gander vm: 0753 USB Dec12 04 ML

03485.0 Gander: 0227 USB w/volmet. 12/03 RP3

03494.0 ARINC New York: 2348 w/unidentified aircraft in
selcal check (AQ-GL). 11/24 RP3

03516 55555: Unid 1653 CW off air in 56 mins then carrier.
(05Nov04) (IB)

03517 NELC: Unid Beacon 1640 CW offair in 50 mins.
(13-12-04) (IB)

03543.0 Unid: 1650z unid STANAG 4285/600Long 8dec04 (S)

03582 : Russian Military 2318 CW Ends 4FG msg of 17 groups
... 4477 8304 2417 K. (23Nov04) (RGA)

03582 FTJN: Russian Military 2240 CW A2XZ de FTJN ZXF ZNX
ZFB K. OK K. QRV K. Then repeats back 15-group 4FG msg: 1111
5122 3643 ... 3999 1415 K. Also SVMS and others repeating
back Z-signals. Not an NCS freq. (13Dec04) (RGA)

03657 P99P: Ukrainian Military 2120 CW Repeats back message
sent by S210 on same freq. P99P 746 62 15 2315 746 = 11111
23567 ... 40305 15060 K. C K. P99P de S210 QRU 8 K. S210 de
P99P OK K. P99P de S210 QTR ? K. Response unreadable. SK.
Nothing further. (15Dec04) (RGA)

03667.2 : Unid 2133 ARQ-E/46.1/150 Betas only. In VFT.
Believe it may be AFTN (ICAO) associated. (25Nov04) (RGA)

03667.2 : Unid Prob Aero 1735 ARQ-E/46.2/150 Idling. In
amateur SSB QRM. With reported RTTY tone/marker at 3668.8
kHz (+1.6 kHz). (28Nov04) (RGA)

03699.5 P: MX Beacon Kaliningrad 1757 CW // 4043.
(28Nov04) (RGA)

03700 P: MX Beacon Kaliningrad 0632 CW //4476,

03726.7 ON7BW: Amateur FAX 1804 FAX/120/576 Drawing of Liere
Brabant. Unusual amateur mode. (28Nov04) (RGA)

03737 : CIS Military 2042 81-81/81/200 Cipher.
(03Dec04) (RGA)

03775 : Ukrainian Military 2258 CW In tfc 53-group msg: ...
PRUKF DZRHN ... RUSEP AGKDW K. (13Dec04) (RGA)

03775 BA2I: Ukrainian Military 2250 CW Msg to unid: BA2I
418 56 4 0030 418 = 927 = AAAAA IUXDN ENYPD ... (into
deliberate QRM from stn signing YPNK). Later comms check
with 4ILX V4DU 2WWN QTM5 and 3AQM. (03Dec04) (RGA)

03775 K1IL: Ukrainian Military 2034 CW in tfc ... MYTRO
ALKVP ... BXLON KZKDI K. (07Dec04) (RGA)

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- 03775 LQ6J: Ukranian Military 2247 CW Bcast msg: QTC 918
53 5 00.5 918 = 888 = AAAAA ZVSX SIWOU ... FhBhH KDKDA QLN
K. (04Dec04) (RGA)
- 03775 OMCI: Ukranian Military 2247 CW Msg for DKQ8: 355 53
29 0010 355 = 390 = AAAAA RHNYO ATUEK ... HKMhD BIKDA K;
then msg for WG9B: 647 57 29 0030 647 = 390 = AAAAA TUHGY
MJADS ... AP.MC BIKDD K. (28Nov04) (RGA)
- 03775 PNF3: Ukranian Military 2306 CW Msg to NK9X 163 57
24 0100 163 = 250 = AAAAA EBXKF üCCäU ... LJüDK BGKDD K.
(23Nov04) (RGA)
- 03775 VBWP: Ukranian Military 2233 CW Msg for NK9X 989 5.
24 0030 989 = 886 = AAAAA VYTAE IVDLZ ... etc.
(23Nov04) (RGA)
- 03775 XB1V: Ukranian Military 2237 CW In 5LG traffic ...
USÄYÜ VZHOW ... VHYON BVKZB K. Followed by msg to 5JLK 360
61 27 0030 360 = 577 = AAAAA MOWNK SÄWFJ ... NBODA BVKDI K.
(26Nov04) (RGA)
- 03780.0 CTP: USB NATO LISBON Portugal Navy "NAWS de CTP"
(PN OIREAS)RTTY 75/850 17:50 21/11/2004 (MAL)
- 03803 PARNUJYP: Estonian Independent Inf Bn Pärnu 1942
ALE/USB Calls KUPERJANOVIYJP/ Indep Inf Bn Kuperjanov.
Active here on 3823 and 3900. (28Nov04) (RGA)
- 03803 PARNUYJP: Independent Inf Bn Estonian Army Pärnu
2128 ALE/USB Calls KUP/Indep Inf Bde Kuperjanov.
(16Dec04) (RGA)
- 03803 YSP: Indep Sigs Bn Estonian Army 1857 ALE/USB Calls
KUPERJANOVIYJP/Indep Inf Bn Kuperjanov who responds. Net
also active as always on 3900 and 4930 kHz. (26Nov04) (RGA)
- 03809.4 Unid: 1700z unid NATO-75 75/470 crypto 8dec04 (S)
- 03813 LDBO: Russian Military 2207 CW Ending bcast ...
ZIVQÖ PWPÄO 187 AR. (01Dec04) (RGA)
- 03823 AA1: Israeli AF 2304 ALE/USB Sounding. (13Dec04) (RGA)
- 03823 BB1: Israeli AF 0004 ALE/USB Sounding. AA1 also.
(15Dec04) (RGA)
- 03823 KUPERJANOVIYJP: Estonian Indep Inf Bn Kuperjanov
2028 ALE/USB Calls YSP/Indep Signals Bn. (21Nov04) (RGA)
- 03823 R10: Israeli AF 1914 ALE/USB Sounding. (01Dec04) (RGA)
- 03823 YSP: Indep Sigs Bn Estonian Army 2224 ALE/USB Calls
PARNUYJP/Indep Inf Bn Pärnu. (20Nov04) (RGA)
- 03824 AAA: Israeli AF 2127 ALE/USB Sounding. (16Dec04) (RGA)
- 03826 6UI5: Ukranian Military 2306 CW In tfc 59-group msg:
... NZJVM BEQÄH ... OUORD AGKDI K. Then long msg to
collective 4XDD QTC 218 89 14 0100 218 = 755 = AAAAA
öHEZT ... QBÖGJ AGKZV = (repeats). (13Dec04) (RGA)
- 03826 D9TF: Ukranian Military 1740 CW Sends 84-group
message to collective DKY2. Then repeats: DKY2 de D9TF 196
84 25 1900 196 = 063 = AAAAA HOWTÖ XTUKÄ ... TVMNF BDKZB RPT
AL QXS AR. At 1902 comms check with at least 7HZJ & IDT2.
(25Nov04) (RGA)
- 03826 DKKY: Ukranian Military 2317 CW Message for WEBP 322
55 27 0050 322 = 577 = AAAAA ZAÜYW APJRS ... AFOUK BVKDW K.
(26Nov04) (RGA)
- 03826 FC90: Ukranian Military 2339 CW Msg for H4H6 209 55
21 0100 209 = 122 = AAAAA WTAHR ... DBBFÄ BAKDW K.
(20Nov04) (RGA)
- 03826 IN1Q: Ukranian Military 2258 CW Message for H4H6:
519 57 21 0050 519 = 743 = 15551 27364 ... 56421 21055 K.
(20Nov04) (RGA)
- 03826 LC9J: Ukranian Mil CW 2331 sending 5FG to ZQSP, PBL
"677 77 9 0100 677 BT 886" ending "... 71261 12077 09075 RPT
AL K" (via Stuttgart DX-Tuners remote receiver)
(08Dec04) (JC5)
- 03826 QJL1: Ukranian Military 2302 CW Receiving (with
difficulty) msg from unknown correspondent (Duplex cct - QSX
not known). (23Nov04) (RGA)
- 03826 TQ7W: Ukranian Military 2235 CW Msg to OPHM 707 53
24 0030 707 = 250 = 11111 94587 ... 12311 24051 K.
(23Nov04) (RGA)

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03826 XHM5: Ukranian Mil CW 2324 sending 5FG to unkwn station, PBL "497 58 9 0105 497 BT 250" (via Stuttgart DX-Tuners remote receiver) (08Dec04) (JC5)

03846.0 4PPW: PRC Marker 1551 CW c1g XY5V. (25-Nov-04) (JUM)

03861 TSR: Israeli AF 2201 ALE/USB Sounding. (28Nov04) (RGA)

03863 3HJE: Ukranian Military 1844 CW NV7R de 3HJE ZAH ZWO ZFY QYT1 K. NCS to 3211 khz. 3JHE QRJ? QYT1 K. QRJ3 QYT1 K. (09Dec04) (RGA)

03863 JCHJ: Ukranian Mil CW 2351 sending 5LG msg to 1LFJ, on 03211. (via Stuttgart DX-Tuners remote receiver) (08Dec04) (JC5)

03863 M9MI: Ukranian Military 2301 CW Message for 3ND7 888 63 7 0015 888 = 644 = 11111 00207 ... 50282 27071 K. // 3348. (26Nov04) (RGA)

03878.3 : Unid 1807 UNID/150/450 ACF=0. offair 1811. Came back on later. Freq 3878.36 (28Nov04) (RGA)

03880 FEO10: Polish Military 2006 ALE/USB Sounding. (28Nov04) (RGA)

03880 TN1: Prob Lithuanian Military 2009 ALE/USB Calls ZL1. (01Dec04) (RGA)

03880.0 ELER55: prb. pol. 1505 USB ALE/MIL-188-141A c1g FEO10 (19/NOV/04) (KK)

03880.0 ELER55: prb. pol. 1553 USB ALE/MIL-188-141A c1g ABEL78 (20/NOV/04) (KK)

03880.0 ELER55: prb. pol. 1558 USB ALE/MIL-188-141A c1g ROTA90 (19/NOV/04) (KK)

03880.0 ELER55: prb. pol. 1658 USB ALE/MIL-188-141A c1g FEO10 (19/NOV/04) (KK)

03880.0 ELER55: prb. pol. 1701 USB ALE/MIL-188-141A c1g ROTA90 (20/NOV/04) (KK)

03880.0 ELER55: prb. pol. 1717 USB ALE/MIL-188-141A c1g FEO10 (20/NOV/04) (KK)

03880.0 ELER55: prb. pol. 1737 USB ALE/MIL-188-141A c1g ABEL78 (20/NOV/04) (KK)

03880.0 ELER55: prb. pol. 1756 USB ALE/MIL-188-141A c1g FEO10 (21/NOV/04) (KK)

03880.0 ELER55: prb. pol. 2002 USB ALE/MIL-188-141A c1g FEO10 (20/NOV/04) (KK)

03880.0 ELER55: prb. pol. 2011 USB ALE/MIL-188-141A c1g ABEL78 (20/NOV/04) (KK)

03880.0 ELER55: prb. pol. 1401 USB ALE/MIL-188-141A c1g FEO10 [AMD]... (20/NOV/04) (KK)

03880.0 FEO10: prb. pol. 1402 USB ALE/MIL-188-141A c1g ELER55 (20/NOV/04) (KK)

03880.0 FEO10: prb. pol. 1600 USB ALE/MIL-188-141A c1g ELER55 (19/NOV/04) (KK)

03880.0 FEO10: prb. pol. 1615 USB ALE/MIL-188-141A c1g ELER55 (19/NOV/04) (KK)

03880.0 FEO10: prb. pol. 1654 USB ALE/MIL-188-141A c1g ELER55 (19/NOV/04) (KK)

03880.0 PLEBAN70: prb. pol. 1503 USB ALE/MIL-188-141A c1g ROTA90 (20/NOV/04) (KK)

03880.0 ROTA90: prb. pol. 1459 USB ALE/MIL-188-141A c1g BALIK77 [AMD]... (20/NOV/04) (KK)

03880.0 ROTA90: prb. pol. 1527 USB ALE/MIL-188-141A c1g WIDZ12 (21/NOV/04) (KK)

03880.0 ROTA90: prb. pol. 1642 USB ALE/MIL-188-141A c1g ZGUBA13 (19/NOV/04) (KK)

03880.0 ROTA90: prb. pol. 1651 USB ALE/MIL-188-141A c1g ELER55 (19/NOV/04) (KK)

03893.0 unid: 2219 CW fast tx 5fg number msg s9+60dB, hand cw (09-dec-2004) (MSM)

03895 : Unid FishFone 2215 CRY-2001/USB Analogue voice scrambler with digital synch. Male voices. (01Dec04) (RGA)

03900 PARNUYJP: Estonian Indep Inf Bn Pärnu 2043 ALE/USB Calls YSP/Indep Signals Bn. Net active 3900 and 3823 khz. (04Dec04) (RGA)

03900 YSP: Independent Signals Bn Estonian Army 2222

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- ALE/USB Calls KUPERJANOVIYJP/Indep Inf Bn Kuperjanov.
(20Nov04) (RGA)
- 03900.0 Kuperianoviyjp: 2315z Kuperianoviyjp EST ALE MIL-
STD 188-141 + MIL-STD 188-110=20"TIS Kuperianoviyjp TO
Parnuyjp", "...TO YSP" "TWS AA1 TO ACCESS 1",=20then
188-110 message 6dec04 (S)
- 03933 RFFh: CIS 'RFF' Net 2031 CW RFFN de RFFh QTC K. RFFh
= .71 196050 59321 661321 740 027 26 2321 302560 = RFFh K. C
QRV K. RFFh R ..1 K. RFF. de RFFP QSA3 QSA? K. RFFP 447
42430 4464738 933.82 .73720000 04002 = RFFP K. C K QRV K.
etc. Also present RFFN RFFR RFFO RFFM RFFN and probably
others. Simplex net. [h = ----]. After messages nothing
further. (04Dec04) (RGA)
- 03933 RFFP: Unid Prob CIS Net 1700 CW RFFN de RFFP QSA2 K.
OK K. RFFN DE RFFR QSA2 K. OK K. RFF. de RFF. QSA2 QSA? K.
RFFN de RFFh QSA3 K (4th letter of de call is cha [----]
unusual to see accented letters in calls). Now quiet.
(04Dec04) (RGA)
- 03933 RFFR: Unid Prob CIS Stn 2050 CW RFFN de RFFR QSA2
QSA? QTC K. RFFR 760 31944 AR RFFR K. RFFP also seen. RFFN
is uncopiable. (03Dec04) (RGA)
- 03990.0 JJF: Japanese MSDF Nazaki 0910 CW 5LG.
//6474.0/12947.0// (26-Nov-04) (JUM)
- 04006.0 90T2: Unid, 2200 ALE/USB to ECO. (07/Nov/2004) (MR)
- 04015.0 AAR6WK: MARS NEWSLETTER EDITOR 1050 P-I/100Bd Ham-
Mode snd fwd msg: Subject: Fwd: APO AE 09303
(26/NOV/04) (KK)
- 04016.5 AEA1AT: MARS Assistant Director for Training, Europe
1056 LSB wkg unid, confirm. Pactor tfc (26/NOV/04) (KK)
- 04030.0 1401: Unid, 0040 ALE/USB, also 1701, 1761, 2501,
3101, 3201, 34014 on freq. (15/Nov/2004) (MR)
- 04039.0 fishermen: 0937 USB ff d/x Dec12 04 ML
- 04043 P: MX Beacon Kaliningrad 1642 CW (27Nov04) (RGA)
- 04043 P: MX Beacon Kaliningrad 2134 Not in synch with
5153.8. Slower. (14Dec04) (RGA)
- 04043 P: MX Beacon Kaliningrad 2203 CW At 2204 changes to
36 Baud reversals then 2 msgs in 36-50/50/200 and back to P
marker. (21Nov04) (RGA)
- 04043.0 FDC: 1612 CW Nov21 04 ML
- 04063.0 AAR9AT: (Army MARS): 0025 USB w/AAR2ET (Army MARS).
11/24 RP3
- 04066.8 1141: Unid, 0010 ALE/USB, also 1080, 1348 and 1030
on this freq. (18/Nov/2004) (MR)
- 04083 :Spanish Navy E 1820 USB YL/Sp sx wkg vessel, vessel
passed MIL styled msg with data A, B, C, D..., ment.
Cartagena. (22/Nov/04) (ALF)
- 04090 : Unid FishFone 1858 CRY-2001/USB Male Voices in
Sailor-Crypt 2001 analogue scrambler. (28Nov04) (RGA)
- 04109 : CIS Military 1900 MS-5/4800/USB Pre-cipher tones.
(28Nov04) (RGA)
- 04125.0 KCI94: Nome, Alaska 2030 SSB / Marine wx; also bcst
at: 0630 utc (18/Dec/2004) (Attu Bosch)
- 04130.0 fishermen: 1628 USB fren d/x Dec11 04 ML
- 04143 : CIS Military 1903 81-81/81/500 Pre-cipher slow
revs opchat; QSV K; QSA4 QSA? K; QOH QJB3 OK? K; no cipher
by 1940. (28Nov04) (RGA)
- 04153.0 fishermen: 1856 USB fren Dec11 04 ML
- 04170 REA4: AFHQ Moscow 1949 CW Misses 1740 1840 and 1940
skeds again. //2737 3735 7018. (26Nov04) (RGA)
- 04179 REA4: AF HQ Moscow 2145 REVS/50/-- Idles through
2140 sked time. Have not heard traffic for many months. //
2737. (14Dec04) (RGA)
- 04179 REA4: AF HQ Moscow 2245 CW Idles through normal sked
period h+40. // 7018. (01Dec04) (RGA)
- 04179 REA4: AFHQ Moscow 2243 CW-REVS No 21022 sked. Prob
// 2737. (21Nov04) (RGA)
- 04189.5 bartin: -turkish ship 1557 ITA2/50 to istanbul corp
"detailed supplyrequest..." Nov21 04 ML

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- 04207.5 9ANL: Croatian Ship Oluja 2017 GMDSS RQs
LynbyRadio/OXZ for safety test. (09Dec04) (RGA)
- 04207.5 9HTF7: Maltese-flagged vessel Corn Brook 2024 GMDSS
RQs TemaRadio Ghana/9GX for safety check. (09Dec04) (RGA)
- 04207.5 C6OF3: Bahamas-flagged vessel Samos 2126 GMDSS RQs
LynbyRadio DNK/OXZ for safety test. (07Dec04) (RGA)
- 04207.5 DSEP4: S.Korean Vessel Hanjin Brisbane 2107 GMDSS
RQs MRCC Lisbon/CUL for safety test giving frequency 2182
kHz. (07Dec04) (RGA)
- 04207.5 ELWE5: Liberian-flagged vessel Moscow 2056 GMDSS RQs
LynbyRadio DNK/OXZ for safety test. (07Dec04) (RGA)
- 04207.5 UEWX: Russian Vessel Linda 1831 GMDSS RQs
Azerbaijani vessel Genje/4JFA for simplex telephone
conversation on 4420 kHz. (19Nov04) (RGA)
- 04207.5 UIMO: Russian Vessel Nord-Vest 1848 GMDSS RQs
Krasnokamensk/UDUU for simplex telephone conversation on
3250 kHz. (19Nov04) (RGA)
- 04207.5 UIVO: Russian Ship Nikolski 1832 GMDSS RQs
Retinskoe/UAAK for simplex telephone call on 2425 kHz.
(19Nov04) (RGA)
- 04207.5 UVM: OdessaRadio UKR 2011 CW UZO. de UVM GE QRU K.
QSA3 GA. R 1610 73 SK EE. Apparent working frequency on DSC
channel. (26Nov04) (RGA)
- 04207.5 XSG: ShanghaiRadio PRC 1929 GMDSS BQs safety test
with Panamanian-flagged vessel Pacific Honour/HOVA. 04215
XSG: ShanghaiRadio PRC 1952 ARQ Telegrams in Chinese to
'Ship 09805' via auto- telex Then 'hr nil bibi'.
(19Nov04) (RGA)
- 04209.5 : Prob TAH/IstanbulRadio 2204 FEC Swell heights in
Turkish. (14Dec04) (RGA)
- 04209.5 L2C: PNA Buenos Aires 1940 FEC Very long idle.
(07/Dec/04) (RH2)
- 04209.5 TAH: Istanbul Turk Radio 2200 FEC Extended Marine
Weather Forecast in English. (21Nov04) (RGA)
- 04211.5 NOJ: Kodiak, Alaska 1134z Jul 18, 2004 CW "NOJ" and
arq/100 idle (SN)
- 04211.5 SPA: Gdynia R 2005 FEC idling. (07/Dec/04) (RH2)
- 04212 UGC: Sankt Peterburg Radio 2209 ARQ w/Morse ID.
(14Dec04) (RGA)
- 04212 UGC: St Peterburg Radio 2159 ARQ w/Morse ID and KYKY
data ID. (21Nov04) (RGA)
- 04212 XSG: ShanghaiRadio PRC 2210 ARQ w/Morse ID.
(14Dec04) (RGA)
- 04212 XSQ: GuangzhouRadio PRC 1947 ARQ Msg from Ship VRQ
44154 in autotelex, 2 mins duration. Then Morse IDs.
(28Nov04) (RGA)
- 04212.5 XSG: Shanghai, China 1137z Jul 18, 2004 CW "XSG" and
arq/100 idle (SN)
- 04214.0 I*: Italian Navy 2000 Rtty 75Bd/850Hz "IDR3 /IGJ42
/IGJ41 /IDR2 /IDR8 /IGJ43 /+ O CANALE OCCUPATO V CANALE
OCCUPATO DA UTENTE NON IDENTIFICATO ECUJ LISTE CHIAVI U QSY
K QRV M IMI (01-99) IMI PAGE... AS AS R QSL N(2-9)
ZUWLRIGA..." (18/NOV/04) (KK)
- 04214.5 CBV: Playa Ancha R 0131 Sitor WX report in SS and
EE. Hard to decode(20/11/04) (AJP)
- 04216 TAH: IstanbulRadio TUR 2059 ARQ w/Morse ID.
(23Nov04) (RGA)
- 04218.5 XSG: Shanghai, China 1143z Jul 18, 2004 CW "XSG" and
arq/100 idle (SN)
- 04227.2 Unid: 0134 Packet 300bd Possible AN (20/11/04) (AJP)
- 04230 FUF: French Navy Fort de France 0445 RTTY/75/850
Test Tape FAAA DE RFHJE ZNR UUUUU ZUI TESTING 012345 RYRYRYRY
SGSGSGSG. // 4293 8298 8476.5 8623. (25Nov04) (CC)
- 04235.6 KILO WHISKEY: USN Battlegroup Air Defence Net 0001
USB wkg NOVEMBER re track 6524. USN battlegroup Air Defense
net with KW as net control. (14Nov04) (RB)
- 04242.0 - : Unidentified 1049z Aug 1, 2004 USB French
simplex traffic (SN)

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04268 VTG: Indian Navy Mumbai 1536 CW CQ Marker. (27Nov04) (RGA)
04270.0 PCD: Numberstation 1900 USB fem. Voice (17/NOV/04) (KK)
04275.5 : Unid 1537 UNID/USB FAX-like signal with irregular
(synch?) single-tone in place of data signal. another 2250
to 2400 Hz. Suspect synch tone is f+500 Hz. WAV MP3 and PCX
of spectrum available. (27Nov04) (RGA)
04276.5 unid: 0758 unid water sounding mode @ Nov27 04 ML
04292 IAR: RomeRadio 1938 CW weather forecast in English.
(26Nov04) (RGA)
04294.3 FUE: (French Navy, Brest): 0022 RTTY 75/850 w/test
tape. 11/24 RP3
04295.0 FUE: French Navy Brest 1639 Rtty 75Bd/850Hz Marker:
"VZCCABC001 ALL DE FUE TESTING" (12/DEC/04) (KK)
04298 VTM11: Indian Navy? 1938 CW VVV VVV VVV VTM11 VTM11
VTM11 repeating. Reported by Tom. DL8AAM. (14Dec04) (RGA)
04298 VTM11: Poss Indian Navy 1854 CW vvv vvv vvv vtm11
vtm11 vtm11. (14/12/04) (ALF)
04320.0 IAR4: Rome Radio 2224 cw, vvv wkg QRGs (09-dec-2004)(MSM)
04329.0 #'s: QTH? 0400z traffic Feb 11, 2004 USB callup was
"86256 - 05042- 08462" SS/YL/5f (SN)
04331.0 UAK:: prb.rom. 2125 USB ALE clg 2FY every 12min. via
7899.0, 6649.0, 5559.0 khz (18/NOV/04) (KK)
04335 FUX: FN Le Port 2009 RTTY/75/850 Test tape.
(07/Dec/04) (RH2)
04365.0 fishermen: 0738 USB span d/x Dec12 04 ML
04369.0 Y/L (EE): 0010 USB w/automated maritime wx. Probably
WLO broadcast.11/25 RP3
04373.5 : Unid 1956 UNID/300/150 (150 bps if asynchronous).
Oddity as previously reported on WUN. // 6333.1
(28Nov04) (RGA)
04378.0 HEB14: berne 2105 USB fren announcing end of sw
transmitting Nov24 04ML
04400.0 fishermen: 0855 USB french Nov27 04 ML
04408 LHH: Poss Italian Military 1942 ALE/USB Calls 3TJ.
(25Nov04) (RGA)
04408 W47: Poss Italian Military 2110 ALE/USB Calls 3TJ
and LHH. (28Nov04) (RGA)
04415 SAT: Poss Ethopian PTT Net 2205 ALE/USB Sounding.
(15Dec04) (RGA)
04444 : NATO Tactical Air Defence Data System 2000
LINK-11/2250/USB Still going strong. (19Nov04) (RGA)
04444 : NATO Tactical Air Defence Modem 2103
LINK-11/2250/USB Still active. (23Nov04) (RGA)
04444.0 Unid: USB LINK11 LESW continous 19-20-21.11.2004 (MAL)
04462.0 SHQIPONJA: Alb.MOI 1710 USB ALE clg DRINI
(17/NOV/04) (KK)
04475 : CIS Military 2007 CW Ends 5FG message ... 11063
13066 19067 AR. (19Nov04) (RGA)
04479 : Counting Station (Spanish Female) USB 0227
(23Nov04) (CC)
04490.0 AAT3BFMARS (Army MARS, Delaware): 1627 USB/ALE
sounding. 11/17 RP3
04490.0 WGY9900: (SHARES Coordinating Station (SCS) EAST-
American Red Cross, Falls Church, VA): 1638 USB/ALE sounding.
11/17 RP3
04507 AA1: Israeli AF 2122 ALE/USB Sounding. (15Dec04) (RGA)
04507 AAA: Israeli AF 1957 ALE/USB Sounding. (09Dec04) (RGA)
04507 AAA: Israeli AF 2105 ALE/USB Sounding. (28Nov04) (RGA)
04507 AAA: Israeli AF 2146 ALE/USB Sounding. (03Dec04) (RGA)
04507 AAA: Israeli AF 2212 ALE/USB Sounding. (15Dec04) (RGA)
04507 AAA: Israeli AF 2224 ALE/USB Sounding. (14Dec04) (RGA)
04507 AAA: Israeli AF 2254 ALE/USB Sounding. (14Dec04) (RGA)
04507 BB1: Israeli AF Palachim 2150 ALE/USB Sounding.
(16Dec04) (RGA)
04510.7 Unid: 0435-0440 UTC, Unid Policial PTP Traffic,
tentative Argentina, with criminal records in SS by two OMs.
A lot of local QRM in this fq. (november 12, 2004) (RT)
04530 S4S0000GBMRM1: Unid 2020 ALE/USB Calls

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V1S0000EKCOPER. (09Dec04) (RGA)
04530.0 SHQIPONJA: Alb.MOI 1709 USB ALE clg DRINI
(17/NOV/04) (KK)
04550 S4S0000GBMRM1: Unid 1813 ALE/USB Calls
V1S0000EKCOPER. (20Nov04) (RGA)
04555.0 FDG: bordeaux ff 0944 ITA2/50 "ceci est un test pour
le réglage..."Nov27 04 ML
04560.0 YMB20: 1750- YMB20: Bandirma Meteo TUR Sitor-B
"ruzgar batisinda .melita ... bandirma marine meteorological
station..."4dec04 (S)
04593.3 No Call: unid Fronet Station 2016 P-I/100Bd
<Calling:F48HAA> (04/NOV/04) (KK)
04593.3 No Call: unid Fronet Station 2023 P-I/100Bd
<Calling:F23HEK> (04/NOV/04) (KK)
04596 : Unid Portuguese Language 2320 USB wkg DELTA ECHO,
OM/PP w/mgs like "Numeral 9999 SCT numeral 0200 numeral 25
...". (15/Dec/04) (ALF)
04596.5 : NATO Tactical Air Defence Data Modem 2003
LINK-11/2250/USB TADIL-A. (28Nov04) (RGA)
04598 FDI22: FAF Narbonne 2107 CW Vs marker. (23Nov04) (RGA)
04598.0 FDI: 22 narbonne FF 2111 CW Nov24 04 ML
04600 0000001220: Prob Turkish Net 2043 ALE/USB Sounding.
(28Nov04) (RGA)
04600 0000001220: Turkish Net 2104 ALE/USB Sounding.
(01Dec04) (RGA)
04600 0000001228: Turkish Net 2008 ALE/USB Sounding.
(09Dec04) (RGA)
04604.0 Red Fox 4: (Chief of Staff, Civil Air Patrol,
Illinois wing): 2334 USB w/unheard station trying to raise
other stations in the Illinois wing net w/no response.
12/14 RP3
04604.0 Red Robin401: (Michigan Civil Air Patrol): 0001 USB
w/Blue Mound 2 (Wisconsin Civil Air Patrol). 12/15 RP3
04608.0 Brackwell Fleet Weather: USB Meteo Fax BRACKWELL
ENGLAND fleet weather brst 119,9 rpm S2 (MAL)
04610.0 GYA: 2225- GYA: Nothwood Meteo FAX 120/576 wx
map 4dec04 (S)
04631.0 O/M (JJ): 0013 USB w/O/M (JJ). 12/15 RP3
04648 KPA2: Enigma E10 Mossad 2018 DSB? YL with KPA2
callup. (19Nov04) (RGA)
04650.0 FREDGAS: (WPPY393,Washington Gas & Light
Company,Frederick, MD): 1908 LSB/ALE sounding. Also sounding
on 04655.0 LSB; 06780.0 LSB & 07475.0 LSB. 12/10 RP3
04655.0 SHENGAS: (WPPY393,Washington Gas & Light
Company,Springfield, VA): 1914 LSB/ALE sounding. Also
sounding on 04700.0 LSB; 05509.0 LSB. 12/10 RP3
04686.0 Unid: 2300- unid STANAG 4285/600Long 4dec04 (S)
04700 AA1: Israeli AF 2301 ALE/USB Calls ACCES1. (14Dec04) (RGA)
04700 AA1: Israeli AF Ben Gurion 2002 ALE/USB Calls
ACCES1/Collective ID? (25Nov04) (RGA)
04700.0 RADIO: (WPPY393:Washington Gas & Light Co): 1922
LSB/ALE sounding. Also sounding on 04655.0 LSB ; 04700.0
LSB; 05509.0 LSB; 06780.0 LSB & 07475.0 LSB 12/10 RP3
04721 HAW: US GHFS Stn Ascension 2159 ALE/USB Sounding.
Also JDG/Diego Garcia. (15Dec04) (RGA)
04721 IKF: US GHFS Net Stn NAS Keflavik ICE 1905 ALE/USB
Sounding. (26Nov04) (RGA)
04721 IKF: US GHFS Stn NAS Keflavik 2015 ALE/USB Calls
CRO/RAF Croughton UK. (23Nov04) (RGA)
04721 PLA: US GHFS Stn Lajes AZR 2106 ALE/USB wkg ICZ/NAS
Sigonella ITA. (28Nov04) (RGA)
04721.0 IDR: italian forces 1655 USB ee many trans Delta
Roméo work DAGGA atlantic/plane based in catania?any idea
about this c/s near roma?ciao Dec11 04 ML
04721.0 usaf JDG: to JTY / PLA & IKF snd 1703 USB/ALE
Dec11 04 ML
04724.0 Accorded: 0200z with ACCORDED (TACAMO PAC?) (weak
readable) bcsting a 28-character EAM's (UI7SUT, UI30KG,

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- UIOJBM), with nothing heard on other freq's. H+00/+30
(18/11/04) (MR)
- 04724.0 Accorded: 0330z with ACCORDED (TACAMO PAC?) (weak
readable) bcsting a 28-character EAM's (UILEHX, UI7SUT,
UI30KG), with nothing heard on other freq's. H+00/+30
(18/11/04) (MR)
- 04724.0 Accprded: 0125z with ACCORDED (TACAMO PAC?)
(good/weak readable) bcsting a 28-character EAM's (UI30KG,
UI7SUT), with nothing heard on other freq's.
(18/11/04) (MR)
- 04724.0 ARCTIC FOX: (TACAMO LANT) (good readable) bcsting
a 28-character EAM's (UIOJBM, UI7KQO), simulcasting same on
at least 8992.0 (very weak readable), (17/11/04) (MR)
- 04724.0 Artic Fox: 2240z with ARCTIC FOX (Prob. TACAMO LA)
(17/11/04) (MR)
- 04724.0 Riot Gun: 0010z with RIOT GUN (TACAMO LANT) (old
c/s is ARCTIC FOX, change at 0000z) (good readable) bcsting
a 28-character EAM's (UIOJBM, UI7KQO), simulcasting same on
at least 8992.0 (very weak readable), with nothing heard
on 6697.0, 13155.0, 11175.0, 11244.0 and 15016.0 H+10/+40
(18/11/04) (MR)
- 04724.0 Riot Gun: 0117z with RIOT GUN (good readable)
bcsting a 28-character EAM (UI30KG), simulcasting same on at
least 8992.0 (weak readable), with nothing heard on other
freq's. (18/11/04) (MR)
- 04724.0 Riot Gun: 0132z with RIOT GUN (good readable)
bcsting a 28-character EAM (UI7SUT), simulcasting same on at
least 8992.0 (very weak readable), with nothing heard on
other freq's. (18/11/04) (MR)
- 04724.0 Riot Gun: 0140z with RIOT GUN (good readable)
bcsting a 28-character EAM's (UI7SUT, UI30KG, UIOJBM),
simulcasting same on at least 8992.0 (very weak readable),
with nothing heard on other freq's. H+10/+40
(18/11/04) (MR)
- 04724.0 Riot Gun: 0340z with RIOT GUN (TACAMO LANT), (very
good readable) bcsting a 28-character EAM's (UILEHX, UI7SUT,
UI30KG), simulcasting same on at least 8992.0 (very weak
readable), with nothing heard on other freq's. H+10/+40
(18/11/04) (MR)
- 04725.0 fishermen: 1702 USB span d/x Nov21 04 ML
- 04745 ADWNPR: US SIPRINet Stn Andrews AFB MD 2127 ALE/USB
Sounding. (15Dec04) (RGA)
- 04753.0 fishermen: 1006 USB french d/x Nov27 04 ML
- 04771.0 SHQIPONJA: Alb.MOI 1708 USB ALE clg DRINI
(17/NOV/04) (KK)
- 04780.0 SHELBYVILLE: (in a bad British accent) calling
GOLDEN PIRATE (ncs). Indiana National Guard weekly net:1325
LSB voice (24/NOV/04) (JLM)
- 04781.5 MIW2: Enigma E10 Mossad 2021 DSB? YL with MIW2
callup. Stepped on by STANAG-4285 QRM :o) Frequency
tentative. (19Nov04) (RGA)
- 04794.5 : Unid 2024 UNID/100/150 (19Nov04) (RGA)
- 04805.0 L2T: PNA Mar Del Plata R. 0437 USB SS Clg "Flamingo"
unid vessel or sailing w/o response on unusual freq.
(14/11/04) (AJP)
- 04833.5 GXQ: British Military G 1600 USB OM/E sx wkg GO,
msgs: go 3J, complete 3K etc. (22/Nov/04) (ALF)
- 04840.0 ALPHA 1 BRAVO: (net control) calling C9T, P8D, K9X,
I4C, S7P (very strong signal) W3F, P8E, N1W & N1L: 1359
LSBvoice. Likely USNG net (01/DEC/04) (JLM)
- 04840.0 PAPA 8 ECHO: (apparent ncs) and ALPHA 1 BRAVO in
unid NG weekly radio net. weak siganls and lots ofstatic
crashes: 1400 LSB voice (24/NOV/04) (JLM)
- 04865.0 650006: Unid prob US Mil, 2200 ALE/USB.
(13/Nov/2004) (MR)
- 04880.0 ULX2: Numberstation 1850 USB fem. Voice (17/NOV/04) (KK)
- 04882.0 NOVEMBER GOLF BEIGHTLER: (net control) 1400 - 1412
USB voice (23/NOV/04) (JLM)

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- 04883 PARNUYJP: Estonian Indep Inf Bn Pärnu 1944 ALE/USB Calls KUPERJANOVIYJP/Indep Inf Bn Kuperjanov. Calls YSP/Indep Signals Bn at 1951 and again at 2013 on 3900 kHz. (23Nov04) (RGA)
- 04883.0 Parnuyjp: 2153z Parnuyjp, Estonia ALE sound TIS Parnuyjp TO Kuperjnoviyjp 23nov04 (SA)
- 04883.2 650009: Unid prob US Mil, 2350 ALE/USB. (14/Nov/2004) (MR)
- 04890.0 ---: Argentine Police 1130 USB SS Radiograms. La Pampa Province(24/11/04) (AJP)
- 04910 5558: N.African Net 2144 ALE/USB Sounding. Also seen on 5140 kHz. (03Dec04) (RGA)
- 04910 5558: N.African Net 2213 ALE/USB Sounding. (15Dec04) (RGA)
- 04917 : CIS Military 1959 CW Ends 154 x 5LG msg to unid ... NRÄTO POÄTR K. (09Dec04) (RGA)
- 04917 M3ZX: Russian Military 2017 CW Ends 29-group 5LG msg ... WIPWO 497 K. Then M3ZX QRV K; BK QRS RPT 1 K; M3ZX 673 32 28 2306 673 = ..2 = .BY..P RHMVJ ... 497 K. (reading back). (28Nov04) (RGA)
- 04923.5 4101: Unid, 2045 ALE/USB. Any c/s's on freq. 116101, 6701, 7301, 7401. (07/Nov/2004) (MR)
- 04925.0 0000210401: Greek Station 0521 USB ALE/MIL-188-141A snd (09/NOV/04) (KK)
- 04927.0 4PPW: PRC Marker 0905 CW clg XY5V. (26-Nov-04) (JUM)
- 04930 KUPERJANOVIY: Estonian Indep Inf Bn Kuperjanov 2037 ALE/USB Calls YSP/Indep Sigs Bn. Also very active on 3823 and 3900 as usual. (25Nov04) (RGA)
- 04930 PARNUYJP: Independent Inf Bn Estonian Army Pärnu 2203 ALE/USB Calls KUP/Indep Inf Bn Kuperjanov. (15Dec04) (RGA)
- 04930 YSP: Independent Signals Bn Estonian Army 1848 ALE/USB Calls KUPERJANOVIYJP/Indep Inf Bn Kuperjanov. (20Nov04) (RGA)
- 04955.5 Unid: Interprovincial buses ARG 2229 USB SS Cities Tandil and Mar Del Plata (07/11/04) (AJP)
- 04956.1 Unid: Interprovincial buses ARG 2232 USB SS "Retiro" (B. Aires) clg"234" and "543" (07/11/04) (AJP)
- 04988.0 BBT: Prob Iranian unid net, 2115 ALE/USB to HDT. (13/Nov/2004) (MR)
- 04996 RWM: Time/Freq Standard Stn Moscow 2110 CW Cqs then time mode. 23Nov04) (RGA)
- 05006 : CIS Military 2026 MS-5/4800/DPSK/USB Cipher. Deep selective fading. (19Nov04) (RGA)
- 05006.5 Unid: Argentinean farmers 2207 USB SS Farm "El Puma" (14/11/04) (AJP)
- 05015.0 LRD1: (Corps of Engineers, Lakes & Rivers Division, Detroit MI): 1300 USB/ALE sounding. 12/14 RP3
- 05035 YA40: Algerian MOI 2124 ALE/USB Calls HN42. (21Nov04) (RGA)
- 05040.0 D120: Unid, 2310 ALE/USB to H02. Also T02 and R02 on freq. = Unid prob US Mil, 2200 ALE/USB. (14/Nov/2004) (MR)
- 05056 : NATO Tactical Air Defence System 1850 LINK-11/2250/USB Discontinuous burst data. (16Dec04) (RGA)
- 05058.0 68: DANISH ARMY ?LOC 0718 MIL.STD 188-141A ALE on usb. Clng DK11 (19/Nov)(DW)
- 05058.5 CL1: (FBI:, Cleveland OH): 1632 USB/ALE TO CO1 (FBI, Columbia SC). Also=noted on 07903.5 11/19 RP3
- 05058.5 NF1: (FBI, Norfolk VA): 1431 USB/ALE TO NY1 (FBI, New York NY). Also=20noted on 07903.5. & 09183.5. 11/19 RP30)
- 05064.0 9MB: Malaysian Navy 1634 CW marker. (25-Nov-04) (JUM)
- 05065.0 JP52: 1339z JP52: ???0 MIL-STD 188-141A =ALE "TO HN4"7dec04 (S)
- 05065.0 JP52: UNID 0636 MIL.STD 188-141A ALE on usb. Clng JP55 (19/Nov)(DW)

05065.0 JP57: UNID 0605 MIL.STD 188-141A ALE on usb. C1ng
JP60 (19/Nov)(DW)

05065.0 JP60: UNID 0605 MIL.STD 188-141A ALE on usb.
Responding to JP57 (19/Nov)(DW)

05065.0 Unid: MIL-STD 188-145 (ALE) activity on December,
2, at 2145 utc: (S)

05074.5 Unid: 1815- unid probable 81-81 81/200 crypto
4dec04 (S)

05075.0 LOL: AN Buenos Aires 1149 RTTY 75/170 5LG (18/11/04) (AJP)

05075.0 SHQIPONJA: Alb.MOI 1707 USB ALE c1g DRINI
(17/NOV/04) (KK)

05078.0 CLG: unid 2026 USB/ALE calls DFC (10-dec-2004)(MSM)

05101 P11AHR: Poss US Army/NGB 2039 ALE/USB Sounding.
(19Nov04) (RGA)

05101 T12106: 1 Bat 106 Avn Regiment US Army Deployed 2112
ALE/USB Sounding. (01Dec04) (RGA)

05101 TF185: 185 Avn Co US Army/NGB Deployed Iraq 2055
ALE/USB Sounding. (19Nov04) (RGA)

05101.0 L11AHR: UNID 0700 MIL.STD 188-141A Ale on usb.
Sounding (20/Nov)(DW)

05101.0 L11AHR: UNID 2356 MIL.STD 188-141A ALE on usb.
Sounding (19/Nov)(DW)

05101.0 OPS171: UNID 2111 MIL-STD 188/141A ALE on usb: TWS
OPS171 21nov04 (SND)

05101.0 P11AHR: UNID 0141 MIL.STD 188-141A ALE on usb.
Sounding. Also 0342, 0412, 0442, 0513 (20/Nov)(DW)

05101.0 P11AHR: UNID 2340 MIL.STD 188-141A ALE on usb.
Sounding (19/Nov)(DW)

05101.0 T3258: UNID 0058 MIL.STD 188-141A ALE on usb.
Sounding. Also 0701, 0801 (20/Nov)(DW)

05117.0 SHQIPONJA: Alb.MOI 1706 USB ALE c1g DRINI
(17/NOV/04) (KK)

05120 OWI: RDAF Aalborg 2059 ALE/USB calls RDAF FSN
Vaerloese. (25Nov04) (RGA)

05120.0 OWE: DAF KARUP 0105 MIL.STD 188-141A ALE on usb.
C1ng OWK (20/Nov)(DW)

05128.0 409: UNID 0214 MIL.STD 188-141A ALE on usb. C1ng 391
(20/Nov)(DW)

05132.0 2016: UNID 0011 MIL.STD 188-141A ALE on usb.
Sounding (20/Nov)(DW)

05134 I8I: unid cw 2059 Calling and working undecipherable
station using most peculiar Morse system. Not Arabic Morse.
(19Nov04) (RGA)

05135.0 H11LL: UNID 0007 MIL.STD 188-141A ALE on usb.
Sounding. (20/Nov)(DW)

05135.0 MA1NC: MANCHESTER NH EOC 0444 MIL.STD 188-141A ALE
on usb. Sounding. (20/Nov)(DW)

05135.0 WPFJ625: NEW HAMPSHIRE EMA 0302 MIL.STD 188-141A ALE
on usb. Sounding (20/Nov)(DW)

05140.0 4448: UNID 0053 MIL.STD 188-141A ALE on usb.
Sounding. Also 0327, 0426 (20/Nov)(DW)

05140.0 FC6: UNID 0403 MIL.STD 188-141A ALE on usb. Sounding
(20/Nov)(DW)

05150.3 unid: Fonet Station, S. 1533 P-I/100Bd
<Calling:F11HLK> (26/NOV/04) (KK)

05150.3 unid: Fonet Station, S. 1720 P-I/100Bd
<Calling:F42HAA> (26/NOV/04) (KK)

05152 : Russian Military 1945 RUS-75/75/240 Cipher.
(15Dec04) (RGA)

05152 : Russian Military 2129 RIS-75/75/250 Cipher.
(14Dec04) (RGA)

05153.8 P: MX Beacon Kaliningrad 2112 CW (16Dec04) (RGA)

05153.8 P: MX Beacon Kaliningrad 2130 Faster than 4043.
(14Dec04) (RGA)

05154 P: MX Beacon Kaliningrad 0823 CW //7039 8495.
(16Dec04) (WC)

05178 : CIS Military 2106 MS-5/4800/DPSK/USB Cipher. QSY
to 5260 at 2108. (19Nov04) (RGA)

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05178.0 unid: 2200 RTTY/75b "The Quick Brown Fox Jumps Over
The Lazy Dog 1234567890" (14-dec-2004)(MSM)

05186.0 Unid: 1611z unid NATO-75 75/850 with KG84 8dec04 (S)

05195 DRA5: DARC Prop Beacon 1617 CW 468. (28Nov04) (WC)

05195 DRA5: DARC Propagation Beacon 1947 CW Calls and
dashes. (15Dec04) (RGA)

05200 BHH: Unid 2022 ALE/USB Calls KLK. (19Nov04) (RGA)

05200 BHH: Unid 2125 ALE/USB Calls KLK. (21Nov04) (RGA)

05200.2 APACHE: CDR & 1B, likely US Military: 2005 USB ALE
(11/DEC/04) (JLM)

05202.0 AAR7NA: US Army MARS net: 1400 USB voice (24/NOV/04) (JLM)

05203.5 BRAVO 5 OSCAR: & MIKE 9 KILO (ncs). North Carolina
NG weekly net: 1359 USB voice (24/NOV/04) (JLM)

05210 AA1: Israeli AF 2209 ALE/USB Sounding. (01Dec04) (RGA)

05210 AA1: Prob Israeli AF 2129 ALE/USB Sounding.
(21Nov04) (RGA)

05210 AAA: Israeli AF 2357 ALE/USB Sounding. (05Dec04) (RGA)

05210.0 unid: CIS 2226 AM 5fg number msg,ended with "437 100
00000" (13-dec-2004)(MM)

05230.0 NRKP: (USCG Cutter Mackinaw) & CGD9 (USCG District
9): 1352 USB ALE. Also active on 2011.6 USB ALE the
previous evening (01/DEC/04) (JLM)

05242.0 2016: Unid, 2320 ALE/USB. C/s's 1020, 2017 and 3014
on freq also. (17/Nov/2004) (MR)

05251.0 BORA: Albanian MOI 0524 USB ALE/MIL-188-141A clg
DRINI (09/NOV/04) (KK)

05251.0 DIAMANTI: ALBANIAN MOI 0449 MIL.STD 188-141A ALE on
usb. Clng DRINI (25/Nov)(DW)

05251.0 SHQIPONJA: Alb.MOI 1705 USB ALE clg DRINI
(17/NOV/04) (KK)

05252 TIGRE: Mexican Army 0050 ALE/USB Clg LINCE/unid.
Passed SINAD report then nothing. (01Dec04) (BC2)

05270.0 TN2: Unid, 0340 ALE/USB to R02. (08/Nov/2004) (MR)

05272 FW: Unid French Language Net 1840 USB FF sx clg PT,
other players YL and BK. Accent maybe "not France".
(02/Dec/04) (ALF)

05279.8 : CIS Military 2110 81-81/81/500 Cipher. Freq
5279.87 unusual offset. (19Nov04) (RGA)

05289.4 : Unid vessel 2112 GLOBEDATA working VCT/GlobeRadio
Tor's Cove NF CAN. (19Nov04) (RGA)

05290 GB3RAL: Prop Beacon Slough UK 0715 CW (03Dec04) (WC)

05290.0 GB3ORK: RSGB prop beacon, Orkney Isl. IO89JA, G,
1632, CW, 11-Dec-04 (CK)

05290.0 GB3RAL: RSGB prop beacon, Oxford IO90IN, G, 0400,
CW, 08-Dec-04 (CK)

05290.0 GB3WES: RSGB prop beacon, Cumbria IO84QN, G, 0416,
CW, 08-Dec-04 (CK)

05295.0 EH31: UNID LLXX NET 2334 MIL.STD 188-141A ALE on
usb. Clng HN32. Also 2352, 2356 (25/Nov)(DW)

05305.5 Unid: 1618z unid CIS? FSK 48.5/237 8dec04 (S)

05343.0 074: unid uk forces?? 1647 USB ee Nov27 04 ML

05348.2 MIKE: unid 0024 USB/Stanag-4285 wkg PAPA (19/NOV/04) (KK)

05352.0 TWLV: GUARDIA CIVIL VIZCAYA 0800 MIL.STD 188-141A
ALE on usb. Clng TXXX (28/Nov)(DW)

05352.0 TYME: GUARDIA CIVIL MADRID 0813 MIL.STD 188-141A ALE
on usb. Clng TXXX (28/Nov)(DW)

05353.0 unid: 1651 counting sound Nov27 04 ML

05355.0 SHQIPONJA: Alb.MOI 1704 USB ALE clg DRINI
(17/NOV/04) (KK)

05360.0 HR: SONATRACH HASSI R'MEL 2350 MIL.STD 188-141A ALE
on usb. Sounding (27/Nov)(DW)

05362 ALG: Sonatrach Net Algiers 2130 ALE/USB sounding.
(21Nov04) (RGA)

05365.0 CHM723A: CANFORCE ?LOC 0127 MIL.STD 188-141A ALE on
usb. Clng CHM728A (28/Nov)(DW)

05365.0 CHM728A: CANFORCE ?LOC 0237 MIL.STD 188-141A ALE on
usb. Clng CHM723A (28/Nov)(DW)

05379.0 111: GUARDIA CIVIL ?LOC 0712 MIL.STD 188-141A ALE on

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05379.0 usb. C1ng TWLA. 0846 c1ng TWLG (29/Nov)(DW)
SHQIPONJA: Alb.MOI 1703 USB ALE c1g DRINI
(17/NOV/04) (KK)

05379.0 TWLA: GUARDIA CIVIL VITORIA 0712 MIL.STD 188-141A
ALE on usb. C1ng 111 (29/Nov)(DW)

05380 S4S0000GBMRM1: Unid 2034 ALE/USB Calls
VIS0000EKCOPER. (19Nov04) (RGA)

05380.0 S4S0000GBMRM1: MACEDONIAN MIL? 0102 MIL.STD 188-141A
ALE on usb. C1ng V1S0000EKCOPER (29/Nov)(DW)

05390.0 MELON: UNID 0752 MIL.STD 188-141A ALE on usb.
Responding to TAJWAN (29/Nov)(DW)

05390.0 MELON: Unid, 0645 ALE/USB TO TAJWAN, AMD NAWIAZ
ZEMMA LACZMOSSC,(27Nov04), piri

05390.0 TAJWAN: UNID 0735 MIL.STD 188-141A ALE on usb. C1ng
PO3. Also 0748. 0752 c1ng MELON (29/Nov)(DW)

05393.0 650009: Unid prob. US Mil, 2130 ALE/USB to 650041.
No responds. (07/Nov/2004) (MR)

05394 CQKA: CIS Military CW NW ZRM ZVN ZKO ZVO ZVY ZKS
QSW4 K. OK AS K. RK. (Open printer cct). Then comms check
with KMCQ. (19Nov04) (RGA)

05395 AAA: Poss Israeli AF 2100 ALE/USB Sounding.
(25Nov04) (RGA)

05395 TSR: Poss Israeli AF 2019 ALE/USB Sounding.
(19Nov04) (RGA)

05395 TSR: Prob Israeli AF 2220 ALE/USB Sounds. (03Dec04) (RGA)

05400 193: Unid 2156 CW DR VE R 94 45 48 91 AR. de de de.
91 de 193 193 k. (07Dec04) (RGA)

05400 211221: Unid 2203 ALE/USB Sounding. (01Dec04) (RGA)

05400 SHQIPONJA: Albanian Military/MOI (Tirané?) 1850
ALE/USB Calls DRINI. (28Nov04) (RGA)

05400.0 G336: (unidentified Army Corps of Engineers): 0432
USB/ALE sounding. 12/16 RP3

05400.0 G336: (unidentified, Corps of Engineers): 0707
USB/ALE sounding. 12/14 RP3

05400.0 LRN1: (Corps of Engineers, Lakes & Rivers Division,
Nashville TN): 1025 USB/ALE sounding. Also noted on 05437.5.
12/14 RP3

05400.0 SHQIPONJA: Alb.MOI 1703 USB ALE c1g DRINI
(17/NOV/04) (KK)

05400.0 TSR3: (Israeli Air Force): 0519 USB/ALE sounding.
12/07 RP3

05406.0 CLC: CINC VENEZUELAN ARMY 0116 MIL.STD 188-141A ALE
on usb. C1ng PCR (29/Nov)(DW)

05410 INAS30P: Algerian Sonatrach Net In Amenas 2024
ALE/LSB Sounding. (26Nov04) (RGA)

05410 INAS30P: Sonatrach Net In Amenas ALG 2048 ALE/LSB
Sounding. (09Dec04) (RGA)

05410 RNOUSLR1: Sonatrach Net Rhourde Nouss LR1 Pipeline
ALG 2054 ALE/LSB Sounding. (19Nov04) (RGA)

05422.0 CENTR5: MFA BUCHAREST 0602 MIL.STD 188-141A ALE on
usb. C1ng OJP (29/Nov)(DW)

05422.5 : Unid Spanish Navy? 1747 RTTY/75/850 Telecipher.
(08Dec04) (RGA)

05434 BNGNY: NY National Guard Binghamton NY 0456 ALE/USB
C1g "@U3" Also hrd STINY/New York State Emergency Operations
Staten Island, NY and CPSNY/National Guard:Cooperstown, NY
sounding 0454z. (02Dec04) (BC2)

05438 : Russian Military 2128 36-50/50/180 At least 1
message. (19Nov04) (RGA)

05440.0 490009: unid 0119 USB ALE SND (19/NOV/04) (KK)

05440.0 650009: unid 0113 USB ALE/MIL-188-141A c1g 650006
[AMD]^;(@ (MP04Q (19/NOV/04) (KK)

05440.0 650009: unid 0125 USB ALE/MIL-188-141A c1g 650006
[AMD]... (19/NOV/04) (KK)

05440.0 650009: unid 0126 USB ALE/MIL-188-141A c1g 650006
[AMD]^;(@ (MP04Q (19/NOV/04) (KK)

05440.0 650051: unid 0127 USB ALE SND (19/NOV/04) (KK)

05440.0 TN2: unid european stat. 0709 USB ALE c1g ID2 [AMD]

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05544 Posn 6111N 04608E. (04Dec04) (RGA)
B-6050: China Eastern A340 2259 HFDL Signs on.
(08Dec04) (RGA)

05544 B-6050: China Eastern Airlines A340-400 2142 HFDL
Signs on to ARINC Muharraq. ICAO ID F0039E.
(25Nov04) (RGA)

05544 B-6051: China Eastern A340 2310 HFDL Signs on.
(08Dec04) (RGA)

05544 B-6053: China Eastern A340 2144 HFDL Signs on.
(26Nov04) (RGA)

05544 CN-RNY: Royal Air Maroc A321 Flt RAM733 2055 At
4148N 00248E. (13Dec04) (RGA)

05544 D-ALCD: Lufthansa Cargo MD11F Flt LH8296 2140 HFDL
Signs on. (13Dec04) (RGA)

05544 D-ALCI: Lufthansa Cargo MD11F Flt LH8441 2306 HFDL
At 2327N 06029E. (20Nov04) (RGA)

05544 D-ALCJ: Lufthansa Cargo MD11F 1956 HFDL Signs on to
ARINC Muharraq. (04Dec04) (RGA)

05544 D-ALCM: Lufthansa Cargo MD11F 2252 HFDL Signs on to
ARINC Bahrain. (20Nov04) (RGA)

05544 G-VATL: Virgin Atlantic A340 'Miss Kitty' 2203 HFDL
Signs on. (13Dec04) (RGA)

05544 G-VEIL: Virgin Atlantic A340 'Queen of the Skies'
2138 HFDL Signs on. (26Nov04) (RGA)

05544 G-VEIL: Virgin Atlantic A340 'Queen of the Skies'
2154 Signs on. (25Nov04) (RGA)

05544 G-VFOX: Virgin Atlantic A340 'Silver Lady' 2148 HFDL
Signs on. (25Nov04) (RGA)

05544 G-VFOX: Virgin Atlantic A340 'Silver Lady' Acks wx
msg from ground: "13/16:41 UELL 131600Z 09001MPS 9999
OVC200. M41/M44 Q1015. NOSIG RMK QFE686 08490150 SA 13/16:41.
UHHH 131600Z 22004MPS CAVOK M22/M25. Q1028 NOSIG
RMK QFE764/1019 23820545 SA 13/16:46 RJCC 131600Z 3500"
(13Dec04) (RGA)

05544 G-VGOA: Virgin Atlantic A340 'Indian Princess' 2145
HFDL Signs on. (25Nov04) (RGA)

05544 G-VMEG: Virgin Atlantic A340 'Mystic Maiden' 2048
HFDL Signs on. (13Dec04) (RGA)

05544 G-VOGE: Virgin Atlantic A340 'Cover Girl' 2045 HFDL
Signs on. (16Dec04) (RGA)

05544 G-VOGE: Virgin Atlantic A340 'Cover Girl' 2145 HFDL
Signs on. (26Nov04) (RGA)

05544 G-VOGE: Virgin Atlantic A340 'Cover Girl' 2300 HFDL
At 6042N 07016E. (20Nov04) (RGA)

05544 I-LIVA: Livingstone A321 Flt LVG236 2155 HFDL Signs
on. (25Nov04) (RGA)

05544 LX-RCV: CargoLux B747 'City of Schengen' 2047 HFDL
Signs on. (16Dec04) (RGA)

05544 N920FT: Polar Air B747 2158 HFDL Signs on. (13Dec04) (RGA)

05544 OH-LBO: Finnair B757 Flt AY1941 2047 HFDL At 2533N
05449E. QSY here from 6529 Las Palmas. (16Dec04) (RGA)

05544 OH-LBV: Finnair B757 2211 HFDL Signs on to ARINC
Muharraq. (26Nov04) (RGA)

05544 VP-BDK: Aeroflot A340 Flt SU0205 2148 HFDL Reports
4157N 02844E to ARINC Muharraq. (26Nov04) (RGA)

05544 VP-BDN: Aeroflot A319 2041 HFDL Signs on to ARINC
Muharraq. (13Dec04) (RGA)

05544 VP-BWD: Aeroflot A320 Flt SU0519 1950 HFDL Signs on.
(09Dec04) (RGA)

05544 VP-BWI: Aeroflot A320 Flt SU0515 2041 HFDL Reports
4705N 04215E. (09Dec04) (RGA)

05544 VP-BWK: Aeroflot A319 2253 HFDL Signs on. (20Nov04) (RGA)

05544 VP-BWL: Aeroflot A319 Flt SU0123 1942 At 5337N
02511E. (09Dec04) (RGA)

05544 VP-BWL: Aeroflot A319 Flt SU0515 2216 HFDL At 3646N
04820E. (23Nov04) (RGA)

05544 VP-BWM: Aeroflot A320 Flt SU0249 2257 HFDL Signs on
to ARINC Muharraq. (08Dec04) (RGA)

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05544 VP-BWP: Aeroflot A321 Flt SU0519 2101 HF DL At 3350N
05139E. (16Dec04) (RGA)

05544 ZS-SNA: S.African Airways A340 2254 HF DL Signs on.
(20Nov04) (RGA)

05544 ZS-SNA: S.African Airways A340 Flt SA0261 2107 HF DL
At 4323N 01104E. Acks message "MSG FROM JNBCMSA SEQ10518 -
SA261 CPD OPS NMNL NXT 2200. SAJNB." (13Dec04) (RGA)

05544 ZS-SND: S.African Airways A349 2046 HF DL Signs on to
ARINC Muharraq. (16Dec04) (RGA)

05544 ZS-SND: S.African Airways A349 Flt SA0287 2134 HF DL
Posn 0445N 07447E. (13Dec04) (RGA)

05544 ZS-SNE: S.African Airways A340 2049 HF DL At 4523N
00934E. Acks message from ground at 2208: "MSG FROM JNBCMSA
SEQ10801 - SA260 CPD OPS NML NXT 2300. SAJNB."
(13Dec04) (RGA)

05544 ZS-SNE: S.African Airways A340 Flt SA0261 2300 HF DL
QSYs from Las Palmas and sends Ops Normal. Next call 2400
(sic) to Johannesburg via Muharraq. (08Dec04) (RGA)

05544 ZS-SNF: S.African Airways A340 2058 HF DL At 2416N
03723W. (04Dec04) (RGA)

05544 ZS-SXC: S.African A340 Flt SA0203 2310 HF DL Posn
0014S 00005W. (08Dec04) (RGA)

05555 501: Unid 2100 ALE/USB Calls 01. (15Dec04) (RGA)

05555 JADE: Mexican Army 0220 ALE/USB Also DIAMANTE
(unID). Callup 0220z then to scrambled voice comms. This a
new freq for the Mexican Army 'Jewel' net? (02Dec04) (BC2)

05559 UAK: Unid 2126 ALE/USB Calls 2FY. (23Nov04) (RGA)

05595 TANTAN: Prob Moroccan Air Force 2030 RTTY/75/850
Msgs in FF from apparent detachments at Tantan to 4 and 5
BAFRA Laayoune Kenitra Sidi Slimani etc. Morocco. Units are
air associated. Texts available in ASCII. (28Nov04) (RGA)

05595.0 ---: MOROCCAN AF GUELMIM 1700 RTTY//75/N/850
Periodic tfc in FF to Laayoune. Occ tfc in online encrypt.
Variable copy (30/Nov)(DW)

05622.0 easyops london: 2220 USB / easyJet LDOC based at
Luton airport (EGGW) (2/Dec/2004) (Bob Biggart)

05627 WET: Poss Italian Military 2128 ALE/USB Calls w47.
Again at 2133. (25Nov04) (RGA)

05636.1 PNW9: Prob Chinese Military 1952 CW V GM3Z GM3Z GM3Z
de PNW9 PNW9 (repeating). (15Dec04) (RGA)

05680.0 L2N: PNA Bahia Blanca R 2230 USB SS w/ L2T PNA Mar
Del Plata R. Rescue to sick sailor from tank vessel "Jose
Fuchs" (3FYK9). Helo PNA "PA13" transfers the sick person to
hospital in Mar Del Plata (20/11/04) (AJP)

05696 CAMSLANT: USCG Chesapeake VA 0216 USB wkg 2141
Securing radio guard. (17Nov04) (RB)

05696 GOLF: Cfg STINGRAY 88/CLAYMORE 88 0147 USB calls
repeatedly to 0200. At 0208 CAMSLANT w/ann that 5696 is
reserved for USCG air/ground, req units this frequency move
to an alternate. (12Nov04) (RB)

05696 RESCUE 2113: wkg CAMSLANT 0503 USB with flight ops
normal, also had been up with Coast Guard San Juan.
(27Nov04) (RB)

05696 Sector San Juan: USCG GANTSEC (Greater Antilles
Section) San Juan PR 0528 USB wkg RESCUE 2113 re did they
drop a DMB (data marker buoy). 2113 passes frequency, posn &
time of drop. (27Oct04) (RB)

05701 5643: Unid. Poss Chinese AirDef 0455 CW 5643 unn33d4
55. 5643 unn33d5 56. 5643 unn3373 56 ... and so on.
(13-Nov-04) (IB)

05702 ADWSPR: US GHFS Station Andrews AFB MD 2133 ALE/USB
Sounding. (01Dec04) (RGA)

05702 JDGSPR: US SIPRNet Stn Diego Garcia 2135 ALE/USB
Sounding. (25Nov04) (RGA)

05702 PLASPR: US SIPRNet Stn Lajes Field AZR 2228 ALE/USB
PLASPR & JDGSPR/Diego Garcia sounding. (28Nov04) (RGA)

05708 ICZ: US HFGCS Stn Sigonella ITA 2140 ALE/USB Sounds.
(25Nov04) (RGA)

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05708 JDG: GHFS Stn Diego Garcia BIOT 2103 ALE/USB Calls
ICZ/NAS Sigonella ITA. (23Nov04) (RGA)

05708 JDG: US GHFS Stn NAS Diego Garcia BIOT 2132 ALE/USB
Sounding. (26Nov04) (RGA)

05708.0 Unid: 2019z unid: USAF? MIL-STD 188-141A ALE on usb
with "AMD=CCCCD83126737 ... PLA PLA" repeted 8dec04 (S)
21001: 1352z 21001, 000021 MIL-STD 188-141A ALE "TO
0788" "TO=210188"7dec04 (S)

05711.0 AAT3BFMARS: (Army MARS, Delaware): 1257 USB/ALE
sounding. 11/24 RP3

05711.0 AAT3BFMARS: (Army MARS, Delaware): 1808 USB/ALE
sounding. 12/11 RP3

05711.0 AAT3BFMARS: (Army MARS, East Region SHARES Digital
Coordination Station, Delaware): 1516 USB/ALE sounding.
12/10 RP3

05720 A7-AFL: Qatar Airways A330 Flt QR0610 1807 HFDL
Signs on. 05720 G-VFOX: Virgin Atlantic A340 'Silver Lady'
1810 HFDL Signs on. (03Dec04) (RGA)

05720 B-2473: China Southern B747 Flt CZ0456 1855 HFDL At
5552N 015E. (04Dec04) (RGA)

05720 CN-RNX: Royal Air Maroc A321 Flt RAM426 1907 HFDL
Signs on. (03Dec04) (RGA)

05720 G-VFOX: Virgin Atlantic A340 Flt VS0009 'silver
Lady' 1909 HFDL Signs on to ARINC Reykjavik.
(04Dec04) (RGA)

05720 JAL640: Japan Airlines Flt 1809 HFDL Signs on to
ARINC Reykjavik. (03Dec04) (RGA)

05720 N309UP: UPS B767 1853 HFDL Acks msg from ARINC
Reykjavik "APCH RWY 14L LOW VISIBILITY PROC CAT 2 IN
OPERATION ATIS DEMONSTRATION. CHECK WITH ATC FOR ACTUAL
ATISC533" (04Dec04) (RGA)

05720 OH-LBU: Finnair B757 Flt AY2554 1919 HFDL Signs on.
(04Dec04) (RGA)

05720 VP-BDK: Aeroflot A340 Flt Flt SU0106 1550 HFDL Signs
on to ARINC Reykjavik. (07Dec04) (RGA)

05720 VP-BWN: Aeroflot A321-211 1811 HFDL Signs on. ICAO
ID prob 9E8002. Ex D-AVZR. (03Dec04) (RGA)

05732 6042: USCG HH60 1105 USB wkg CAMSLANT for radio
guard airborne enrt Cape Lookout. (30Nov04) (RB)

05732 CAMSPAC: USCG Point Reyes 1135 USB wkg 1-0 for radio
guard. Poss 6010, HH60 out of San Diego. (30Nov04) (RB)

05732.0 720: (HC-130H #1720, CGAS Clearwater: 2012 USB/ALE
sounding. 11/17 RP3

05732.0 D46: (ICE P-3 AEW&C #N146CS/BuNo 154605, Jacksonville AMB,
FL) 0000 USB/ALE sounding.11/17 RP3

05732.0 J11: (HH-60J #6011 ATC Mobile): 0023 USB/ALE
sounding. At 2015 on 10242.0 in USB/ALE & voice w/Camslant
reporting airborne. Camslant sets ALE as primary freqs and
5696/8983 as secondary. At 2041 on 10242.0 in ALE and voice
w/Camslant passing position of 3028N/8758W.11/17 RP3

05746 LINCOLNSHIRE POACHER: Enigma E3 2113 USB Usual old
harridan in 5FG traffic. (28Nov04) (RGA)

05788 28: Danish Military 2053 ALE/USB Calls 68. 68
responds by calling collectiv ID DK11. (23Nov04) (RGA)

05789 KUP: Estonian Independent Inf Bn Kuperjanov 2011
ALE/USB Calls YSP/Indep Signals Bn. (19Nov04) (RGA)

05790 : Russian Military 2115 RUS-75/75/200 In cipher.
(28Nov04) (RGA)

05800.1 FUE FNY Brest 0014 Rtty 75Bd/850Hz Marker: "ALL DE
FUE..." (19/NOV/04) (KK)

05803.9 1203: Unid, 2040 ALE/USB. Also 1204, 1207, 1215,
1224, 1226, 1234,..., 1342 on this freq.
(08/Nov/2004) (MR)

05813 AAA: Prob Israeli AF 2003 ALE/USB Sounding.
(19Nov04) (RGA)

05840 NYALA3: UNJLC Nyala Sudan 2116 ALE/USB Sounding.
(26Nov04) (RGA)

05848.5 ILSN10: & ILSN23, IL NG: 1619 USB ALE (01/DEC/04) (JLM)

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05850.0 OXT: skamlebaek 0949 FAX ice chart Dec12 04 ML
05852 HFB: UK Military 2304 ALE/USB Sounding. (03Dec04) (RGA)
05858.5 Unid: USN/USMC MARS station with PA Broadcast 33/04:
1410 FEC (24/NOV/04) (JLM)
05865.0 Unid: 1920 Link-11 Strong signal !! (14/11/04) (AJP)
05961.0 453FEMAUX: (FEMA Auxiliary station, Bellevue NE):
1955 USB/ALE sounding. 11/12 RP3
06215 : Unid Shrimp Boats Ship 0605 USB Station channel
606.Discussing how much shrimp they have good night so far.
Then discussed shooting deer with new Black powder rifle. No
duplex. (26Nov04) (CC)
06224.0 M1: Uruguayan Navy 0115 USB SS Radiograma to unid
stn (20/11/04) (AJP)
06232.0 unid: ship 0819 USB russ om Nov21 04 ML
06247.0 fishermen: 0839 USB fren d/x Dec04 04 ML
06262 : Unid. Prob Russian FAPSI 2236 CW (Ends sked) CFM
QRV? K. NIL. GB 73 SK. (21Nov04) (RGA)
06286 : Unid 1742 CW Random characters (76708690LF28h etc.
Prob Russian military jamming exercise. (08Dec04) (RGA)
06305.5 437801: Unid, 0620 ALE/USB to 437802.
(11/Nov/2004) (MR)
06318.5 M080TN: (Nat'l Guard, Montana): 1930 USB/ALE
sounding. 11/27 RP3
06319.5 UCE: 1955z UCE: Arkhangelsk RUS Sitor-A
wx06348.0 2030z 5dec04 (S)
06320.0 127: Unid, 2040 ALE/USB to 128. (13/Nov/2004) (MR)
06322.5 UDK2: MurmanskRadio 1740 ARQ Autotelex then Morse
ID. (08Dec04) (RGA)
06326.0 XSG: Shanghai Radio 0938 Sitor-A 100/170 wkg BRXV:
MT Da Qing 231 w/lengthy weather forecast. (26-Nov-04) (JUM)
06330 LZW34: Warnaradio BUL 2002 FEC Football news in
Bulgar. (15Dec04) (RGA)
06330.1 LZW: warnaradio BUL 1750 CW Callsign marker. No ARQ.
(14Dec04) (RGA)
06331 : Unlisted Authority (MMSI 002733744) 1809 GMDSS/DSC
BQs Russian ship Oksino/UHUK for duplex telephone call on
6212/6510 kHz. Many retries. Then calls Elektron/UCQV.
Anyone know what this frequency is for? Only two Russian
vessels and one unknown seem to be active on it. All msgs
give checksum errors despite good data. (15Dec04) (RGA)
06333.1 : Unid 1854 UNID/300/180 Unknown data system.
Decodes like "19001f000308043f313f3 f00093c3f3b073c0c011c1f".
Freq 6333.12. //4373.51.
(16Dec04) (RGA)
06348 FUE: FN Brest 2202 RTTY/150/850 Numbered RYSG tests.
(07Dec04) (RGA)
06348.0 FUE: brest ff 1041 ITA2/150 "all de fue...
testing.." Nov27 04 ML
06348.0 LOR: AN Pto. Belgrano 1730 RTTY 100/170 5LG New
freq. //3120.0 (15/11/04) (AJP)
06370.0 VLB2: Numberstation 1845 USB fem. Voice (17/NOV/04) (KK)
06376.9 : Unid 1753 RTTY/50/500 Fading and in QRM Saw RYS.
06348 FUE: FN Brest 1745 RTTY/150/850 All de FUE RY SG
tests. (14Dec04) (RGA)
06422.0 PWZ-33: BN Rio 0316 Pactor-FEC Long list letters an
numbers(14/11/04) (AJP)
06422.0 PWZ-33: Brazilian Navy Rio de Janero 2247 P-I/200Bd
Fec "ZDNR 0351.....CQ DE PWZ-33" (13/DEC/04) (KK)
06430.3 fishermen: 0900 USB fren d/x Dec04 04 ML
06442.2 : NATO Modem 2122 STANAG-4285/2400/USB 600 bps long
interleave. Solid synch. No output. Idling. Goes into
traffic with continuous enciphered data at 2125.
(14Dec04) (RGA)
06445.5 7301: Unid: 0115 ALE/USB. Any c/s's on this freq:
6701, 116101. (18/Nov/2004) (MR)
06449.7 PWZ: BN Rio 1005 RTTY/75/850 wx/PP cc 12710.5
(25/Nov/04) (RH2)
06450 PWZ33: BN Rio 0415 RTTY/75/850 Navwngs in PP&EE

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//8582 & 12711. (07/Dec/04) (RH2)
06465.0 WIW: 2036z UIW: Kaliningrad0 CW 5dec04 (S)
06472 : Unid Illicit 2206 CW slow 5FGs ending with 272
repeated then = 287 22 = 49932 34292 ... (more 5FGs) ending
0 0 0. (07Dec04) (RGA)
06475 JJF: Japanese Navy 0328 CW32t jr3m 9aj4 eu95
emam d719 la3k t0ip lbv9 nvu0 ... m.jv m0po 7 bt.
(24Nov04) (IB)
06493.7 Unid: AN Unid stn 2220 Packet 300bd 5LG (17/11/04) (AJP)
06494.7 ZSJ: SAN silvermine 1630 MFSK/54.5bd Crypto.
(02/Dec/04) (RH2)
06497.0 CFH: (CANFORCE METEO HALIFAX NS): 2240 FAX w/chart
of icebergs w/legends in EE & FF. 11/15 RP3
06501.0 NRV: USCG Guam 0942 USB w/maritime weather.
(26-Nov-04) (JUM)
06504.0 UFC: Nakhodka Radio 0943 USB w/phone patch.
(26-Nov-04) (JUM)
06507 VTP: Indian Navy Vishakhapatnam 2005 RTTY/50/850
RBSL marker. (15Dec04) (RGA)
06507.0 VMC: Charleville Meteo 0944 USB w/Australia maritime
wx. (26-Nov-04) (JUM)
06510.0 fishermen: 1724 USB span d/x Nov13 04 ML
06524.2 4101: Unid, 2310 ALE/USB, also 116101 and 7401 on
freq. (17/Nov/2004) (MR)
06529 A7-AFO: Qatar Airways A330 2251 HF DL Signs on.
(08Dec04) (RGA)
06529 AY2505: Finnair B757 2229 HF DL Reports 2751N 01523W
to ARINC Las Palmas. (26Nov04) (RGA)
06529 B-6045: China Eastern A319-132 1914 HF DL Posn report
5425N 01132E. To ARINC Las Palmas. (07Dec04) (RGA)
06529 B-HQA: Cathay Pacific A340-642 2238 HF DL Signs on.
ICAO ID A5801E. (08Dec04) (RGA)
06529 CN-RNX: Royal Air Maroc A321 Flt AT0425 1923 HF DL
Signs on to ARINC Las Palmas. (04Dec04) (RGA)
06529 F-WWTT: Unid Airbus Industrie Aircraft 1925 HF DL
Signs on. (01Dec04) (RGA)
06529 G-VMEG: Virgin Atlantic A340 'Mystic Maiden' 2203
HF DL Reports 5128N 00029W to ARINC Las Palmas.
(08Dec04) (RGA)
06529 G-VSHY: Virgin Atlantic A340 'Madame Butterfly' 2258
HF DL Signs on. (26Nov04) (RGA)
06529 I-LIVA: Livingstone A321 Flt LVG257 1948 HF DL Signs
on. (07Dec04) (RGA)
06529 I-LIVA: Livingstone A321 Flt LVG322 2047 HF DL Signs
on. (16Dec04) (RGA)
06529 I-LIVB: Livingstone A321 Flt LVG251 1925 HF DL At
4249N 005E. (07Dec04) (RGA)
06529 LX-PCV: CargoLux B747 'City of Diekirch' 2238 HF DL
Signs on. (08Dec04) (RGA)
06529 N-17128: Continental B757 2223 HF DL Signs on.
(08Dec04) (RGA)
06529 N-19130: Continental B757 2220 HF DL Signs on.
(08Dec04) (RGA)
06529 N303UP: UPS B767 2041 HF DL Signs on to ARINC Las
Palmas. (16Dec04) (RGA)
06529 N543PA: Polar Air B747 2231 HF DL Signs on. (26Nov04) (RGA)
06529 N552TZ: American Transair B757 Flt TZ7399 2058 At
5657N 04043W. (01Dec04) (RGA)
06529 OH-LBO: Finnair B757 Flt AY1941 2045 HF DL At 2540N
05439E. Then QSYs to 5544 Muharraq. (16Dec04) (RGA)
06529 OH-LBR: Finnair B757 Flt AY2505 1923 HF DL At 4738N
00113W. (03Dec04) (RGA)
06529 OH-LBS: Finnair B757 Flt AY2621 2141 HF DL Signs on.
(26Nov04) (RGA)
06529 SU-GCF: EgyptAir A300 Flt MS0800 1920 HF DL Posn
report 3014N 03110E to ARINC Las Palmas. (01Dec04) (RGA)
06529 VP-BAZ: Aeroflot B767 Flt SU0252 1807 HF DL Signs on
to ARINC Las Palmas. (03Dec04) (RGA)

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06529 VP-BWH: Aeroflot A320 Flt SU0576 1948 HF DL At 4904N 002E. (07Dec04) (RGA)

06529 VP-BWO: Aeroflot A321-200 1914 HF DL Signs on. ICAO ID either 5E8002 or DE8002. (07Dec04) (RGA)

06529 ZS-SNE: S.African Airways A340 Flt SA0261 2207 HF DL Acks message from Johannesburg via ARINC Nr 06694 "Copied Ops Normal. Next call 2300 with ETA". (08Dec04) (RGA)

06532.0 07: 2115z 07: Shannon HF DL check sync with Krasnoyarsk, Bahrain; Flight ID SU0519 23nov04 (SA)

06535 ARINC06: Hat Yai THA 2219 HF DL weak squitters. (26Nov04) (RGA)

06535 DAKAR: MWARA SAT-1 0325 USB wkg N700ML (Boeing 737-2K9) with position and selcal. Selcal maybe LPKS or CRFH got 2 different hits due to conditions. (26Nov04) (CC)

06535 DAKAR: MWARA SAT-1 0405 USB wkg Deutsche Lufthansa 526 with position ask for a selcal check but refused to give him one Inroute to Arturo Merino Benitez Intl Santiago, Chile. (26Nov04) (CC)

06535 DAKAR: MWARA SAT-1 0418 USB wkg BR9047 with position report and selcal check (ACHJ). (26Nov04) (CC)

06535.0 GFL2: 2135z GFL2: Bracknell Meteo FAX/120/576 meteo map for Europe 23nov04 (SA)

06540.0 fishermen: /pirate on this frq !! 1004 USB french d/x...trawl...squid...Nov21 04 ML

06543.0 650009: Unid prob US Mil, 2305 ALE/USB passing to 650002 [AMD]^;(@ (MP04Q (17/Nov/2004) (MR)

06559.0 002: ARINC Molokai 0756 HF DF wkg various flights. (6-Dec-04) (JUM)

06600.0 fishermen: 0950 USB french d/x Nov13 04 ML

06604 NEWYORK RADIO: VOLMET Service 2246 USB US airfields actuals. (21Nov04) (RGA)

06636 PWTR: Unid Brazillian Authority 0030 FEC Probable naval traffic and offair with " cq cq cq de pwtr pwtr pwtr ryriryryryryryryryryryryr. (30Nov04) (AD)

06637.0 LDOC-Houston: 0714z USB wkg CENTURION 314, reports departed KMIA (Miami) 0647z, ETA SKBO (Bogota, Columbia) 1002z; selcal: AMDF. (ALS) (3/Dec/2004)

06637.0 LDOC-Houston: 0717z USB wkg OMNI 807, selcal: AKDG. (ALS) (3/Dec/2004)

06637.0 LDOC-Miami: 1230z USB wkg GEMINI 2202, reports arrived MMGL (Don Miguel Hidalgo IAP, Guadalaj, Mexico) 1050z, departed 1145z, ETA Miami 1503z. (ALS) (3/Dec/2004)

06649 UAK: Unid 2125 ALE/USB calls 2FY. (21Nov04) (RGA)

06650 : NATO Tactical Air Defence System 2248 LINK-11/2250/USB TADIL-A. (21Nov04) (RGA)

06690.0 Six-Six: DHN66 NATO-AWACS Geilenkirchen 1108 USB wkg MAGIC79, QSY to CH:A6, not found (26/NOV/04) (KK)

06693.0 Samara VOLMET: 1717 USB aviation wx in Russian. At 1720, Tyumen VOLMET. //8888//(25-Nov-04) (JUM)

06694.0 Halifax Military: 2359 USB broadcast for Press. No traffic at this 09060.0 O/M (SS & unid African lang): 0003 USB w/O/M (SS & unid African=lang). 11/30 RP3

06711.4 : NATO Air Defence Data Modem 1804 LINK-11/2250/USB TADIL-A. (04Dec04) (RGA)

06712 G-VFOX: Virgin Atlantic A340 'silver Lady' Flt VS0250 1900 HF DL Signs on. (19Nov04) (RGA)

06712 G-VMEG: Virgin Atlantic A340 'Mystic Maiden' Flt VS0009 1851 HF DL Posn report 5129N 00026W. (19Nov04) (RGA)

06712 JA-401J: Japan Airlines B747 Flt JAL642 1745 HF DL Signs on to ARINC Reykjavik. (19Nov04) (RGA)

06712 N313UP: UPS B767 Flt UP6727 1751 HF DL Posn report 5302N 02909W. (19Nov04) (RGA)

06712 N68061: Continental B767 Flt CO0047 1901 HF DL Posn report 5802N 03851W. (19Nov04) (RGA)

06712 OH-LBU: Finnair 2140 HF DL Signs on to Arinc Reykjavik (05/DEC/04) (IDS)

06712.0 OH-LBU: Finnair 2140 HF DL Signs on to Arinc

Reykjavik (05/DEC/04) (IDS)
 06715 ICZSPR: US SIPRNet Stn NAS Sigonella ITA 2247
 ALE/USB Sounding. (28Nov04) (RGA)
 06715 JNRSPR: US SIPRNet Stn Puerto Rico 2059 ALE/USB
 Sounding. (25Nov04) (RGA)
 06715 JNRSPR: US SIPRNet Stn Puerto Rico 2216 ALE/USB
 Sounding. (13Dec04) (RGA)
 06715 PLASPR: US SIPRNet Station Lajes AZR 1740 ALE/USB
 Sounding. (20Nov04) (RGA)
 06715 PLASPR: US SIPRNet Stn Lajes AZR 1942 ALE/USB
 Sounding. (19Nov04) (RGA)
 06721 190021: USAF C-5 69-0021 2222 ALE/USB Sounding.
 (16Dec04) (RGA)
 06721 MPA: US GHFS Stn RAF Port Stanley FLK 2211 ALE/USB
 Sounding. 06991 JHD: Unid 2153 ALE/USB Sounding.
 (13Dec04) (RGA)
 06721 MPA: US GHFS Stn RAF Stanley FLK 2234 ALE/USB
 Sounding. (04Dec04) (RGA)
 06721.0 E30352DAT: (E-3B AWACS # 77-0352, Tinker AFB): 2125
 USB/ALE w/ADW (Andrews AFB). This may be the Sentry
 61/Dragnet Victor noted earlier on 11232.0 w/Halifax
 Military. 12/13 RP3
 06721.0 RIC: (Civil Air Patrol, Nat'l Technology Center,
 Richmond VA): 1717 USB/ALE sounding. Also sounding on
 09025.0. 12/07 RP3
 06723.1 : Unid 2119 RTTY/50/460 Telecipher with zzzzzz...
 leadins/leadouts. Ends sked with 'ne znad..sx no km vy tks
 tks 73 73 gb sk. Prob Ukrainian. (28Nov04) (RGA)
 06730.0 Tashkent VOLMET: 1720 USB aviation wx in Russian.
 //3407// (25-Nov-04) (JUM)
 06739.0 ANDREWS: 0803z with EAM, YBAIIE etc. 27 chars, //
 4724.0,08992.0, 11175.0 and immediately echoed by another
 station (did not catch that ID, but judging from signal
 strength/quality possibly MCCLELLAN). 24nov04 (jk)
 06739.0 OFFUTT: 0839z with SKYKING 24nov04 (JK)
 06739.0 usaf AFS: 1728 USB eam "offutt out" Nov13 04 ML
 06754.0 Trenton Military: 0033 USB w/volmet. 11/30 RP3
 06758.7 MKL: RN London 2326 RTTY/75/850 Crypto bursts
 //11212.7 (19/Nov/04) (RH2)
 06765.0 KAN38: US Gov Kansas City, MO: 1608 USB voice SHARES
 regional net check-in (01/DEC/04) (JLM)
 06765.1 HSW: Bangkok Meteo 1642 USB w/interval tune and Thai
 broadcast. //8743// (25-Nov-04) (JUM)
 06767.5 USACE1010: (HQs, US Army Corps of Engineers): 2141
 USB/ALE sounding. =11/19 RP3
 06777.2 Delta-Tango: DRDT U-26 [S 175] [3. UG Eckernförde]
 2040 USB/Stanag-4285 wkg Five-Niner: DHJ59 GNY
 Wilhelmshaven, D (18/NOV/04) (KK)
 06780.0 FREDGAS: (Washington Gas & Light Company: Frederick,
 MD): 1359 LSB/ALE sounding. Also sounding on 05509.0 LSB.
 12/02 RP3
 06780.0 HMA: Pyongyang Meteo 1521 CW marker. //3154//
 (25-Nov-04) (JUM)
 06780.0 RADIO: (Washington Gas & Light Co, Wash DC): 1449
 LSB/ALE sounding. 12/06 RP3
 06780.0 RADIO: (Washington Gas & Light Company): 1350
 LSB/ALE sounding. 12/02 RP3
 06782 : Unid Illicit 2010 CW Fast 5FGs ending 0 0 0
 0 0 0. (15Dec04) (RGA)
 06787 MDN: Ministry of National Defence Algiers 2135
 ALE/USB calls HN42. (21Nov04) (RGA)
 06790 269: Unid Prob Illicit 2012 CW Fast 5FGs = = 56998
 56998 04252 04252 ... 85376 85376 = = 269 269 80 80
 0 0 0 0 0. (15Dec04) (RGA)
 06792 0000210401: Prob Greek Military 2235 ALE/USB
 Sounding. (16Dec04) (RGA)
 06801.5 : Unid 2119 REVS/86.2/230 (14Dec04) (RGA)
 06809.0 453FEMAUX: (unidentified FEMA Auxiliary station):

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1449 USB/ALE sounding. 11/24 RP3
06809.0 453FEMAUX: (FEMA SHARES Auxiliary station): 2200
USB/ALE sounding. 11/30 RP3
06809.0 FC1FEM: (Communications Manager, FEMA Region 1,
Maynard MA): 1417 USB/ALE TO FCSFEM (Communications
Supervisor, FEMA HQs, wash DC). 12/07 RP3
06825.0 FAV22: French Armeé Vernon 1000 CW "LECON 03-1/4
VITESSE 720 CLAIR BT LE..." (10/NOV/04) (KK)
06835 WQW: Poss Romanian Military 2024 ALE/USB Calls TTY.
(15Dec04) (RGA)
06837.0 FDY: French Airforce Orleans 1623 Rtty 50Bd/400Hz
Marker:"Test de FDY" (12/DEC/04) (KK)
06840 : Counting Station (English Female) AM 0143
(23Nov04) (CC)
06840 NYZ: Unid 2022 CW VVV Q2M Q2M Q2M de NYZ NYZ
(repeating). (15Dec04) (RGA)
06840.0 Argentine AF: Meteorological Service 0314 USB SS
Ezeizacollecting wx data from minors airports
(14/11/04) (AJP)
06845 DKL: UK Military Dhekelia? 1931 ALE/USB Sounding.
(19Nov04) (RGA)
06845.0 DKL: GB Mil, 1950 ALE/USB. Other c/s's on freq HFB,
HSP, CYP,KUW. (13/Nov/2004) (MR)
06864.7 FDI22: FAF Narbonne 2153 RTTY/50/400 Bricks tests.
Freq 6864.75. (07Dec04) (RGA)
06864.75 F*: unid FAF Station 0440 Rtty 50Bd/400 "CECI EST
UNE EMISSION DE CALORIE DESTINE AU RGLAGE DE VOTRE RCEPTEUR
LUNDI MARDI...(09/NOV/04) (KK)
06869.5 D02: Unid, 0645 ALE/USB to T02. (11/Nov/2004) (MR)
06870.0 SCLC222M: Venezuelan Army 2236 USB ALE clg CLC22M
(13/DEC/04) (KK)
06877.0 Unid: 2100z unid RUS BEE 36-50 50/200 Idle 5dec04 (S)
06888 BNA: Naval Base "Amario" Venezuelan Navy 0305
ALE/USB To BNF: Naval Base "Falcon". (25Nov04) (CC)
06888.0 61B: Venezuelan Navy 2230 USB ALE clg BNG
(13/DEC/04) (KK)
06888.0 BNA: (Naval Base "Amario"): 0217 USB/ALE TO CGA
(HQs, Venezuelan Navy). Also noted on 09190.0. 11/22 RP3
06888.0 BNF: (Naval Base "Falcon"): 0326 USB/ALE TO CGA
(HQs, Venezuelan Navy). 11/26 RP3
06888.0 BNF: Venezuelan Navy 2231 USB ALE clg BNG
(13/DEC/04) (KK)
06888.0 BNG: (Naval Base "Guitierrez"): 0319 USB/ALE TO BNA
(Naval Base "Amario"). Also noted on 09190.0. 11/26 RP3
06888.0 BNG: (Venezuelan Naval Base "Guitierrez"): 0028
USB/ALE TO CGA (HQs,=Venezuelan Navy). 11/18 RP3
06888.0 F24: Venezuelan Navy 2231 USB ALE clg F22
(13/DEC/04) (KK)
06888.0 PR4: (Lago River Patrol Craft Largo-4, PBR-4,
Venezuelan Navy): 0126 USB/ALE TO BNF (Naval Base "Falcon").
11/16 RP3
06892.0 RCI: unid 2024 LSB ALE clg JCI every 3min
(25/NOV/04) (KK)
06892.0 RFFXL: 2250z RFFXL: Naqura LBN ARQ-E/184.6/400
15dec04 (S)
06895.0 64B: (LSM "Los Llanos", T-64): 1146 USB/ALE TO BNA
(Venezuelan Naval Base "Amario"). 11/29 RP3
06895.0 G12: (Venezuelan Coast Guard Frigate "General Jose
Trinidad Moran" GC-12): 0711 USB/ALE TO BNA (Naval Base
"Amario"). 12/03 RP3
06895.0 RCI: unid 1905 USB ALE clg JCI every 3min
(26/NOV/04) (KK)
06897.8 No Call: Cime1 Autowx-St.Altas Mtn.2030
P-I/100Bd<Calling:CIMEL1> Reception Station Beni Mellal,
MRC cnt but no p-II tfc (22/NOV/04) (KK)
06897.8 No Call: Cime1 Autowx-St.Altas Mtn.2034 P-I/100Bd
<Calling:CIMEL2> Reception Station Casablanca, MRC no cnt
(22/NOV/04) (KK)

06900 0000006138: Turkish Net 2048 ALE/USB Sounding.
(15Dec04) (RGA)

06900.0 0000006138: prb. turk. 1925 USB ALE snd (17/NOV/04) (KK)

06902.6 JDG: (Diego Garcia): 0129 USB/ALE sounding. Also
sounding on 08058.6 & 13503.6. 12/16 RP3

06911.5 EAATS: (Eastern Army Aviation Training Site, Muir
AAF Ft Indiantown Gap, PA): 1735 USB/ALE sounding. 12/10 RP3

06911.5 EAATS: (Eastern Army Aviation Training Site, Muir
AAF, Ft Indiantown Gap PA): 1436 USB/ALE sounding. 12/06 RP3

06911.5 KRUQNG: (NCNG, Salisbury NC): 1609 USB/ALE sounding.
12/12 RP30

06911.5 KRUQNG: (North Carolina ARNG, Rowan County Airport,
Salisbury, NC): 1651 USB/ALE sounding. 12/10 RP3

06911.5 TC159: (Coy "C", 1/159th Avn, Ft Bragg NC): 1446
USB/ALE TO T12159 (1/159th Avn, Ft Bragg NC). Also noted on
09295.0. 12/06 RP30

06930 SYN2: Mossad E10 2250 USB YL with SYN2 callup then
nothing further. (21Nov04) (RGA)

06939.5 BATSWING: & CHAINMAIL: 0224 USB ALE. Net
frequencies so far: 6939.5 9053.0 17411.5 18411.5
(04/DEC/04) (JLM)

06940.0 DAROLAMCMD: Unid US Military, 1525 ALE/USB with
PHOENIXCMD and MP12CMD. (07/Nov/2004) (MR)

06942.0 N51R: Ger. Army, FUEUSTGRGT ROEM 2 Drill with open
text (09/NOV/04) (KK)

06955.0 RFFXCCS: 2112z RFFXCCS: FF Favieres ARQ-E 184.6/420 Idle
5dec04 (S)

06958.3 unid: Fronet Station, S. 1044 P-I/100Bd
<Calling:F42HTA> (26/NOV/04) (KK)

06958.3 unid: Fronet Station, S. 1112 P-I/100Bd
<Calling:F43HFB> (26/NOV/04) (KK)

06966 0000001220: Turkish Net 1936 ALE/USB Sounding.
(19Nov04) (RGA)

06966 0000001220: Turkish Net 2148 ALE/USB Sounding.
(21Nov04) (RGA)

06966 0000001230: Turkish Net 2049 ALE/USB Sounding.
(15Dec04) (RGA)

06967.5 ICI03: Fiumicino CG, I, c1g ICI, 0700, USB,
05-Dec-04 (CK)

06967.5 ICI04: Italian CG, I 1520 USB OM II/EE wkg "CS".
(02/Dec/04)(ALF)

06981.0 204DVA: (Dept of Veterans Affairs, KNA204 HQs,
Washington D.C.): 1702 USB/ALE sounding. Also sounding on
07362.5. 12/09 RP3

06981.0 204DVA: (HQs, Dept of Veterans Affairs, KNA 204,
Wash DC): 1324 USB/ALE sounding. Also sounding on 05038.5 &
07362.5. 12/03 RP3

06982.5 UNID: NCS & SHARES stations: 1700+ USB voice for NCS
frequency evaluation. Very noisy conditions on this
frequency (24/NOV/04) (JLM)

06985.0 ALPHA 2 ZULU: & BRAVO 1 ECHO, US Army radio checks:
1631 USB voice (01/DEC/04) (JLM)

06985.0 KFMHNG: (National Guard, Otis ANGB MA): 1442 USB/ALE
sounding. 11/30 RP3

06985.0 USACE1010: (US Army Corps of Engineers): 1600
USB/ALE sounding. Also sounding on 07510.0. 11/30 RP3

06985.0 USACE1010: (US Army Corps of Engineers): 1755
USB/ALE sounding. 11/27 RP3

06985.0 USAIS1012: (US Army Intell & Security Command,
Arlington VA): 1633 USB/ALE TO USANG2409 (US Army National
Guard HQs, Arlington VA)--[AMD]GOODCOPY ANYTHING FURTHER?.
12/01 RP3

06986 : CIS Military 2252 MS-5/4800/DPSK/USB Cipher.
(21Nov04) (RGA)

06991.0 JHD: unid 2043 USB ALE snd (22/NOV/04) (KK)

07000.0 UNID: station calling CUB 3 after long series of
attempted ANDVT transmissions: 1340 USB voice
(01/DEC/04) (JLM)

WUN-v10

07034.1 DL4DSS: prop beacon, D, 2010, CW, "T T T T T QRP
BEACON DE DL4DSS JN57", 05-Dec-04 (CK)

07039 D: MX Beacon Odessa 1050 CW //10872 13528. (15Dec04) (WC)

07058.3 L9CC: unid mil, CHN, 1730, CW, clg CP17, 06-Dec-04 (CK)

07145 4PPW: Enigma M89 0749 CW V XY5V XY5V XY5V de 4PPW
4PPW 4PPW (endless string). (29-Nov-04) (IB) CW (IB)

07348.0 FC8FEM: (Communications Manager, FEMA Region 8,
Denver CO): 1251 USB/ALE sounding. Also sounding on 08050.0;
09462.0; 10588.0; 10914.0; 12216.0; 14776.0; 15708.0;
17519.0 & 19969.0. 11/24 RP3

07362.5 204DVA: & 950DVA, Department of Veterans Affairs
Stations: 1440 USB (23/NOV/04) (JLM)

07362.5 673DVA (Dept of Veterans Affairs, KDQ 673, Richmond
VA): 1338 USB/ALE sounding. Also sounding on 06981.0.
12/03 RP3

07362.5 673DVA: (Dept of Veterans Affairs, KDQ 673, VA
Richmond VA): 1708 USB/ALE sounding. Also sounding on
06981.0. 12/09 RP3

07390.0 AA1: unid MIL-STD 188-141A ALE "TWS AA1" 2215z
21nov04(snd)

07390.4 Unid: 2250z unid: UK Army? piccolo MK12 encrypted
23nov04 (SA)

07390.5 unid: 0943 COQ encr Dec04 04 ML

07390.6 spy net: 1016 polytone mode?// same mode on 7722.5 ?
Nov21 04 ML

07391.0 unid: Piccolo MK 12 crypto 21nov04 (SND)

07450.0 SUR: & NORTE: 0143 USB ALE (01/DEC/04) (JLM)

07475.0 FAAZBW: (Boston ARTCC): 1656 USB/ALE sounding.
12/01 RP3

07475.0 FREDGAS: (Wash Gas & Light Co, Frederick MD): 1654
LSB/ALE sounding. 12/15 RP3

07475.0 FREDGAS: (Washington Gas & Electric, Frederick MD):
2022 LSB/ALE sounding. 12/01 RP3

07475.0 RADIO: (probable test/default setting): 2013 LSB/ALE
sounding. 12/01 RP3

07475.0 RADIO: (unidentified): 1915 LSB/ALE sounding.
11/19 RP3 =20

07475.0 RS0014: Macedonian Mil 1815 ALE/USB to CS003.
(08/Nov/2004) (MR)

07475.0 rs0016: rs0012,es0017,cs003,ce4 / unid s / e
european net? 0745 ALE Nov11 04 ML

07493.0 202: Unid, 1833 ALE/USB to 222. (08/Nov/2004) (MR)

07496.0 0000210011: Prob. Greece Marine (NAVY) 1835 ALE/LSB.
Also 0000130011, 0000130012, 0000220015, 0000220011,
0000220013 on this freq. (08/Nov/2004) (MR)

07500.0 2009: UNID Corpo Carabinieri station, I? 1207
LSB/MIL-STD 188-141A, calling "2008" & "2004" at 13:47 UTC
(12Nov04) (LDO)

07500.0 AA1: UNID station in Europe, 0800 USB/MIL-STD
188-141A calling "ACCES1" [=collective call], only "AT1"
responding (13Nov04) (LDO)

07500.0 AT1: UNID station in Europe, 0800 USB/MIL-STD
188-141A responding to "AA1" (13Nov04) (LDO)

07500.0 MAMBO: UNID Spanish station?, E? 1013 USB/MIL-STD
188-141A calling "CORZO" & later "VIGIA" (10Nov04) (LDO)

07500.0 VIGIA: UNID Spanish station?, E? 1248 USB/MIL-STD
188-141A calling "FAISAN" (10Nov04) (LDO)

07527.0 D69: (ICE P-3B "Slick" #N769SK/BuNo 152729,
Jacksonville AMB, FL): 0039 USB/ALE sounding. At 1813 on
10242.0 in USB/ALE w/EST (ICE Regional Communications Node
(East) then in encrypted speech w/unidentified station. At
2050 on 13907.0 in ALE TO EST then in encrypted speech.
11/17 RP#

07527.0 F41: (HU-25 #2141 CGAS Cape Cod): 0154 USB/ALE
sounding. 11/17/ RP#

07527.0 F41: (USCG HU-25 #2141 CGAS Cape Cod): 1317 USB/ALE
TO LNT (Camslant)1dec04 (RP)

07527.0 J01: (HH-60J #6001 CGAS Elizabeth City): 1323

USB/ALE sounding. 11/17 RP3
 07527.0 J13: (HH-60J #6013 CGAS Clearwater): 1313 USB/ALE TO LNT (Camslant Chesapeake) then in voice radio checks. 23nov04 (RP)
 07527.0 J40: (HH-60J #6040 CGAS Clearwater): 0044 USB/ALE TO OPB (OPBAT Service Center, Nassau, Bahamas). 11/17 Rp3
 07527.0 TRC: (possibly Tactical/Technical Reconnaissance Center??): 1308 USB/ALE TO MV9 (possibly military Vessel). 23nov04 (RP)
 07527.0 X51: (US Army UH-60L tail # 94-26551 2-3rd AVN, Hunter AAF, Savannah GA): 0049 USB/ALE sounding. At 1528 on 15867.0 in USB/ALE w/OPB (OPBAT Service Center, Nassau, Bahamas). 11/17 RP3
 07550.0 NYALA2: Unid Sudan net, 1005 ALE/USB. (13/Nov/2004) (MR)
 07580.0 unid: 0835 CW Nov11 04 ML
 07630.0 unid: 0841 psk mode? Nov11 04 ML
 07633.3 1117: Unid, 1055 ALE/USB. Other c/s's on freq 1121, 1935, 7011, 9005, 9010, 9106, 9107, 9110, 9205, 9206, 9214, 9216, 9220, 9231, 9250, 9305, 9340, 9360. (13/Nov/2004) (MR)
 07633.5 AFA1EN: (Air Force MARS): 2249 USB w/Air Evac 37987 (id as over Ohio) in morale pp. 11/23 RP3
 07634 : Russian Military 1721 RUS-75/75/240 Cipher. (08Dec04) (RGA)
 07654.3 O/M (EE): 0050 USB w/O/M (EE). Speakers had strong US southern accents and used "salty" language discussing wx & fishing conditions. 12/02 RP3
 07687.0 unid: 1054 unid mod 50bds @ Nov27 04 ML
 07700.0 Unid: Argentinean truckers 2149 USB SS On B. Aires province (07/11/04)(AJP)
 07700.0 Unid: Argentinean truckers 2157 LSB SS (07/11/04) (AJP)
 07722.0 unid: 1053 COQ? Dec04 04 ML
 07745 555: Unid Illicit 1723 CW Repeats sequence 555 55 555 21 645 645 555 555 555 etc. (14Dec04) (RGA)
 07753 5558: N.African Net 1926 ALE/USB Sounding. (08Dec04) (RGA)
 07756 : UNID network, 0836 ALIS 228.65Bd/170Hz selcall + R&S 2400Bd proprietary burst PSK mode (11Dec04) (LDO)
 07756.0 no-call: UNID network, 0836 ALIS 228.65Bd/170Hz selcall + R&S 2400Bd proprietary burst PSK mode (11Dec04) (LDO)
 07771.7 PNA: 1443 Sitor Rio de la Plata ships traffic (14/11/04) (AJP)=
 07778.5 WF1: (FBI, Washington DC Field Office): 1743 USB/ALE sounding. Also=sounding on 09183.5. =20
 07805.0 H11LL: (Hillsborough NH EOC): 1609 USB/ALE sounding. 11/21 RP3
 07805.0 H11LL: (Hillsborough NH EOC): 1617 USB/ALE sounding. 11/24 RP3
 07805.0 H11LL: (Hillsborough NH EOC): 2012 USB/ALE sounding. 11/22 RP3
 07805.0 MA1NC: (Manchester NH EOC): 1334 USB/ALE sounding. 11/24 RP3
 07805.0 MA1NC: (Manchester NH EOC): 1434 USB/ALE sounding. 11/24 RP3
 07805.0 MA1NC: (Manchester NH EOC): 1517 USB/ALE sounding. 11/21 RP3
 07805.0 MI1LF: (Milford NH EOC): 1427 USB/ALE sounding. 11/24 RP3
 07805.0 WPFJ625: (New Hampshire State EOC, Concord NH): 1429 USB/ALE sounding. 11/24 RP3
 07811.0 #'s: Tentative CIO2 log 0346z ID Feb 11, 2004 USB heard but tooweak to positively (SN)
 07811.0 AFRTS/AFN: US military HF feeder 0826 USB / New frequency! Parallel with 5446.5, 6350.0 and 12133.5 kHz. (22Nov.2004) (Midwest USA)
 07811.0 Westwood 1: westward 1 (sounds like): 0104 USB w/broadcast of Maryland=vs Virginia Tech football game. 11/19 RP3=20
 07822.2 ---: FF 0308 ARQ-E3 200/400 Possible Paris (08/12/04) (AJP)

07839 TSR: Prob Israeli AF 2146 ALE/USB Sounding. (07Dec04) (RGA)

07849.0 CLC25M: (Local Communications Center-Mobile. 25th Inf Bde): 1034 USB/ALE TO CRC2M (Regional Command Post-Mobile, 2nd Military Region). 12/10 RP3

07849.0 CORE7: (Commander, Venezuelan National Guard Region 7): 0308 USB/ALE TO CUFAN3 (unidentified sub-element of Unified Command of National Armed Forces). Also noted on 09052.0. 11/22 RP30

07849.0 CUFAN1: (unidentified sub-element of Unified Command of National Armed Forces): 0103 USB/ALE TO CGGN (HQs, Venezuelan National Guard). 12/12 RP3

07855.5 FDY: French Airforce Orleans 1909 Rtty 50Bd/400Hz Marker: "Test de FDY...." (26/NOV/04) (KK)

07865.0 1011: Unid, 1920 ALE/USB. Any c/s's on freq. 1111, 1112, 1116, 1122, 1123, 2011, 3011, 39116, 39124, 4902, 4908, 49102, 4972, 500013, 7011, 8001, 8002, 8787 (09/Nov/2004) (MR)

07876.0 126: Unid, 1710 ALE/USB with 127 and 128. (13/Nov/2004) (MR)

07880 DDK3: Hamburg Meteo 1057 FAX/120/576 Meteo maps. (09Dec04) (WC)

07880.0 DDK3: / hamburg met 1058 FAX pressure chart Dec04 04 ML

07880.0 DDK3: hamburg 1105 FAX good pressure chart Nov27 04 ML

07880.0 DDK3: hamburg met 0856 FAX wind chart Nov11 04 ML

07885.0 UNID : Russian civil avia radio net 1234 USB / Different callsign's, info about aircraft traffic (06/Dec/2004) (AOR)

07894.9 unid: 1109 ARQ-E3 / 100 Nov27 04 ML

07903.5 AT1: (FBI, Atlanta GA): 1907 USB/ALE TO KC1 (FBI, Kansas City KS).=Also noted on 07778.5 & 09183.5. 11/19 RP3=20

07903.5 DN1: (FBI, Denver CO): 0142 USB/ALE TO LV1(FBI, Las Vegas). 11/23 RP3

07903.5 QT10: (FBI, Quantico VA): 1425 USB/ALE sounding. Also sounding on=2005058.5. 11/19 RP3

07969 : UNID North African MIL net, ALG? 1630 USB, scrambled voice tfc using HC-265 scrambler in HF-mode (04Dec04) (LDO)

07969.0 no-call: UNID North African MIL net, ALG? 1630 USB, scrambled voice tfc using HC-265 scrambler in HF-mode (04Dec04) (LDO)

07992 HFB: UK Military 2143 ALE/USB Sounding. (07Dec04) (RGA)

07992.0 DKL: Brit. Army, Dhekelia 2010 USB ALE snd (18/NOV/04) (KK)

07994.0 unid: 0859 CW Nov11 04 ML

08000 LESKOVIKU: Albanian MOI/Military Leskoviku Korça Province 1820 ALE/USB Calls SHEBENIKU/Shebiniku. (08Dec04) (RGA)

08004.5 SNN299?: Prob MFA Warsaw 1732 POL-ARQ/100/180 No decode. Crypto between long periods of idles. (14Dec04) (RGA)

08006.1 : Russian Military 1654 36-50/50/200 At least one message. Idling on revs. (08Dec04) (RGA)

08010.0 fishermen: 1039 USB french Nov21 04 ML

08012.0 046NHQCAP: (Civil Air Patrol HQs, Maxwell AFB AL): 1525 USB/ALE sounding. 11/21 RP3

08015 0000002237: Turkish Net 1849 ALE/USB Sounding. (08Dec04) (RGA)

08017 Jjx20: Japanese Net 0005 CW de jja20 r 401 va. de jjb20 r 401 va. de jje20 va. jjc20 de jja20 o ar ?. jjb20 var l?1 k. de jjc20 ok va va. jjb20 de jja20 qtc var l? 1 k. de jjb20 k. hr m# var l\$ f p^^r w48 b d^^o nr 182 id @ 2908 45 = szzs o^mp o^mp pzdp ... de jja20 qru k. de jjd20 qru k etc. (29-11-04) (IB)

08022 VKS737: Australian National 4WD Club 0650 MODE??? wkg mobile unit V9753 re fatal road accident.

VKS737/Adelaide Base also involved. (01Dec04) (AF)
08028.7 LOL: AN Buenos Aires 0243 RTTY 75/170 Administrative
msgs (17/11/04) (AJP)
08035.0 BR1: Brazilian Ny 2247 ALE/USB Clg SP1 (10/11/04) (AJP)
08040 GYA: FWOC Northwood UK 1636 FAX/120/576 Meteo infos.
(08Dec04) (WC)
08040.5 O/M (SS): 0043 USB w/o/M (SS). 12/02 RP3
08047.0 A040LN: (Nat'l Guard, Alabama): 1530 USB/ALE TO
PMTRACS (Program Manager for Tactical Radio Communications
Systems). 12/07 RP3
08047.0 HQ703N: (probably Nat'l Guard Readiness Center,
Arlington VA): 1319 USB/ALE TO M050NN (Nat'l Guard,
Minnesota). 11/30 RP30
08047.4 : Unid 1510 ARQ-E/46.1/150 Betas only. In VFT. AFTN
associated. (26Nov04) (RGA)
08056.0 CLS: (possibly Ft Campbell KY): 1343 USB/ALE
sounding. 12/14 RP3
08058.5 WNG829: US Department of State ?, 1435 ALE/USB to
WNG829M03. Also KWR86, KWX57, KWS90, KWS91, KWS91 and KWX53B
on freq. (17/Nov/2004) =(MR)
08058.6 ICZ: (Sigonella AB Italy): 1922 USB/ALE TO KEH34
(US Department of State). 12/16 RP30
08058.6 JDG: (Diego Garcia): 1944 USB/ALE TO KEH34
(US Department of State). 12/16 RP3
08058.6 KRC82: (Dept of State): 1857 USB/ALE TO KMN94
(Dept of State, Ft Lauderdale FL). 12/13 RP3
08058.6 PLA: (Lajes AB): 0134 USB/ALE sounding. Also
sounding on 13503.6; 16283.6; 20810.6. 12/16 RP3
08058.6 PLA: (Lajes AB): 0344 USB/ALE TO KEH34 (US State
Dept, unidentified). 12/15 RP3
08060.0 CGGN: (HQs, National Guard): 0109 USB/ALE TO
MIRA1(Command Element at Presidential Palace (Palacio de
Miraflores). 11/22 RP3
08060.0 CGGN: (HQs, Venezuelan National Guard): 2103 USB/ALE
TO CUFAN1 (unidentified sub-element of Unified Command of
National Armed Forces). 11/26 RP3
08060.0 CGGN: (HQs, Venezuelan National Guard): 0115 USB/ALE
TO DESTAFAC23 (Detachment 23, Venezuelan National Guard).
12/12 RP3
08060.0 CGGN: (HQs, Venezuelan National Guard): 0903 USB/ALE
TO CUFAN1 (unidentified sub-element of Unified Command of
National Armed Forces). 11/27 RP3
08060.0 CGGN: (HQs, Venezuelan National Guard): 1122 USB/ALE
TO CORE7 (Commander, Venezuelan National Guard Region 7).
11/27 RP3
08060.0 CLC23M: (Local Communications Center-Mobile, 23rd
Special Operations Bde): 1147 USB/ALE TO CRC2M (Regional
Command Post-Mobile, Venezuelan Army 2nd Military Region).
11/27 RP3
08060.0 CLC23M: (Local Communications Center-Mobile, 23rd
Special Operations Bde): 2147 USB/ALE TO CGEJM (Venezuelan
Army HQs-Mobile). 11/26 RP3
08060.0 CLC25M: (Local Communications Center-Mobile, 25th
Inf Bde, Venezuelan Army): 0020 USB/ALE TO CRC2M (Regional
Command Center, 2nd Military Region). 12/12 RP30
08060.0 CLC25M: Venezuelan Army 2350 ALE/USB Clg CRC2M, CRC,
CLC, MIR. (07/12/04) (AJP)
08060.0 CORE7: (Commander, Venezuelan Nat'l Guard Region 7):
2342 USB/ALE TO MIRA3 (Command Element at Presidential
Palace (Palacio de Miraflores). 11/30 RP3
08060.0 CRC2M: (Regional Command Post-Mobile, Venezuelan
Army 2nd Military Region): 2139 USB/ALE TO CLC23M (Local
Communications Center-Mobile, 23rd Special Operations Bde).
11/26 RP3
08060.0 CRC2M: (Regional Communications Center-Mobile, 2nd
Military Region, Venezuelan Army): 0113 USB/ALE TO CLC25M
(Local Communications Center, 25th Inf Bde). 12/02 RP3
08060.0 DESTAFAC23: (Detachment 23, Venezuelan National

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Guard): 1103 USB/ALE TO CUFAN3 (unidentified sub-element of Unified Command of National Armed Forces). 11/27 RP3

08071.0 MAURO: UNID Corpo Carabinieri station, I 1356 LSB/MIL-STD 188-141A c1ng 2220 and requesting position report [AMD FIXPOSIT] (05Nov04) (LDO)

08080.0 206: Unid 0253 ALE/USB Clg 212. (02/12/04) (AJP)

08088.0 fishermen: 2043 USB span d/x Dec03 04 ML

08090.0 ---: US Navy 0159 Link-11 slow plink plink ... (03/12/04) (AJP)

08097.0 #'s: QTH? 0512z Feb 12, 2004 USB SS/YL/5F traffic (SN)

08100.0 NEPTUNO: (Mexican military): 0635 USB/ALE TO ODISEA (Mexican military). 12/02 RP3

08101 4XZ: Haifa Naval Radio Israel 2150 CW 2150 vs marker. (23Nov04) (CC)

08103.0 4xz: Haifa 0530 cw / Sending wheel "vvv de 4xz 4xz" (20/Nov/2004) (Robert Harris AA6RH)

08103.0 4XZ: isr navy 1057 CW Nov21 04 ML

08103.0 Unid: (prob 4XZ, Israeli Navy, Haifa): 2240 CW w/long 5-letter group cipher msg. 11/23 RP3

08105.0 SWA: Athens Meteo GRC 0935 FAX 120/576 map of Europe 04dec04 (S)

08125.0 KIT88: (Boonesboro MD-Net control): 1545 USB w/check ins for FAA Eastern Region Net. 12/15 RP3

08130.0 CS004: UNID MIL-net Balkans, 0939 USB/MIL-STD 188-141A/secure voice tfc. via MIL-STD 188-110A serial tone waveform to RS002D (13Nov04) (LDO)

08130.0 RS002D: UNID MIL-net Balkans, 0939 USB/MIL-STD188-141A/secure voice tfc. via MIL-STD 188-110A serial tone waveform to CS004 (13Nov04) (LDO)

08130.0 RX8: 0827z RX8: Balkans Net MIL-STD 188-141A ALE "TIS RX8 TO RSS009D" 7dec04 (S)

08131.0 unid: 1112 ALE heard Nov27 04 ML

08135.0 AAA: (Israeli Air Force, unidentified): 2144 USB/ALE sounding. Also sounding on 08858.0. 12/05 RP3

08135.0 AAA: (unidentified, Israeli Air Force): 0328 USB/ALE sounding. Also sounding on 08858.0. 12/06 RP3

08140 BMF: Taipei Met 1935 FAX/120/576 Satpix - good. (19/Nov/04) (RH2)

08155.0 Unid: jammer?? 1059 sig3 Nov21 04 ML

08162.0 unid: ?jammer? 1113 Nov27 04 ML

08171.5 860PS: (86th Med Coy, VTNG, Burlington VT): 1455 USB/ALE sounding. Also sounding on 09295.0 & 12168.0. 12/03 RP3

08171.5 860PS: (probably 86th Medical Co, MANG, Otis ANGB Mass): 1551 USB/ALE sounding. Also sounding on 06911.5; 09295.0;10670.5 & 12168.0. 11/27 RP3

08171.5 860PS: (probably 86th Medical Co, MANG, Otis ANGB Mass): 1813 USB/ALE TO R23566 (UH-60A, 86th Med Co). 11/27 RP3

08171.5 EAATS: (Eastern Army Aviation Training Site, Muir AAF, Ft Indiantown Gap PA): 1647 USB/ALE sounding. Also sounding on 09295.0. 11/30 RP3

08171.5 KFMHNG: (MANG, Otis ANGB, MA): 1603 USB/ALE sounding. Also sounding on 06985.0 & 12168.0. 11/27 RP3

08171.5 KFMHNG: (Nat'l Guard Bureau, Otis ANGB MA): 1641 USB/ALE sounding. 12/10 RP3

08171.5 R23601: (UH-60, 86th Med Co, MANG, Otis ANGB MA): 1603 USB/ALE sounding. Also sounding on 09295.0. 11/27 RP3

08171.5 R24323: (UH-60, 1/159th Avn Ft Bragg NC): 1702 USB/ALE TO T12159 (1/159th Avn, Ft Bragg NC). 12/10 RP3

08171.5 T72101: (1/101st Avn, Ft Campbell KY): 1612 USB/ALE sounding. Also sounding on 09081.5 & 11439.5. 11/27 RP3

08180.0 100: (unidentified): 2215 USB/ALE TO 105 (unidentified). 11/27 RP3

08181 CGGN: Venezuelan National Guard HQs 2105 ALE/USB TO DESTAFAC23/23 Det. (30Nov04) (CC)

08181.0 CGGN: (HQs, National Guard): 0102 USB/ALE TO CUFAN1(unidentified sub-element of Unified Command of

National Armed Forces). 11/22 RP3
 08181.0 CGGN: (HQs, National Guard): 0115 USB/ALE TO
 DESTAFAC23 (National Guard, Detachment 23). 11/22 RP3
 08181.0 CGGN: (HQs, Venezuelan National Guard): 0115 USB/ALE
 TO DESTAFAC23 (Detachment 23, Venezuelan National Guard).
 Also noted on 08060.0 & 09052.0. 12/02 RP3
 08181.0 RESERVA10: (10th Inf Bn-Reserves): 0058 USB/ALE TO
 CLC25M (Local Communications Center, 25th Inf Bde-Mobile).
 Also noted on 08060.0. 11/22 RP3
 08184.5 T16CAV: US Army: 2321 USB ALE (26/NOV/04) (JLM)
 08187.0 SCLC251: (Local Communications Center, 251st Inf Bn,
 Venezuelan Army): 0023 USB/ALE TO CLC25 (Local Communications
 Center, 25th Inf Bde). 12/14 RP3
 08191.7 9MR: Malay Navrad 1714 RTTY/50/850 Fm SKOLFM admin
 Msg to "All MRN ships". (07/Dec/04) (RH2)
 08197.0 unid: ship 0900 USB ukran d/x Nov11 04 ML
 08220.0 fishermen: 0901 USB span Nov11 04 ML
 08230.2 1506: Unid, 1720 ALE/USB to 3306. (13/Nov/2004) (MR)
 08232.2 4101: Unid, 1725 ALE/USB to 116101 and 7401.
 (13/Nov/2004) (MR)
 08253.0 fishermen: 0901 USB danish Nov11 04 ML
 08285.0 EPGLG: (Venezuelan Coast Guard Station, La Guaira
 (Estacion Principale de Guardacostas): 0336 TO SUCRE
 (Venezuelan Navy Frigate "Mariscal Sucre", F-21). 12/12 RP3
 08297.0 BOLIVAR: (Replenishment Oiler "Ciudad Bolivar"
 T-81): 0852 LSB/ALE TO FEDERACION (Constitucion-class
 Missile/Fast Attack Craft, "Federacion", PC-12). Also noted
 on 08270.0 LSB; 08358.0 LSB & 08825.0 LSB. 12/10 RP3
 08300.0 Unid: 1605z (voice,usb) probably maritime
 stuff...25nov04 (PPA)
 08303.0 LOR: AN Pto. Belgrano 2230 RTTY 100/170 Navs in SS
 (20/11/04) (AJP)
 08303.7 control: unid mil 1608 usb this is control, kilo
 charlie relay to kilo india 23Nov04 (wp3)
 08303.7 kc: unid mil kilo charlie 1608 usb radio check with
 control , then kilo golf (female), kilo kilo, kilo mike,
 all with radio check to control ,all with british accent.
 23Nov04 (wp3)
 08305.2 ---: AN 1142 Packet 300bd "GP1E98 KWBC 240000#,#)
 GRID 07009"(24/11/04) (AJP)
 08307.1 NRKP: (USCGC Mackinaw, WAGB-83, Cheboygan MI): 1919
 USB/ALE TO CGD9 (CG District 9, Cleveland OH). ALE handshake
 followed by ANDVT comms. Also noted on 10373.6. 12/03 RP3
 08319.9 LOR: Arg. Ny Pto. Belgrano 0229 FAX 120 48 hs
 forecast //3345.4(14/11/04) (AJP)
 08322 BASE 1: Unid Ship to Shore 1905 USB Call Base 1 to
 Mobile 1 with Female on Base end and Male on Mobile end
 (ENGLISH). (23Nov04) (CC)
 08328 UNID NATO naval station 1750 BAUDOT 75.12Bd/850Hz
 1-stopbit, bit inverted tfc with bit mask 31, online crypto
 after "idfifdfidf uuuarmdhbymjz &=80#" (05Dec04) (LDO)
 08328.0 no-call: UNID NATO naval station, 1750 BAUDOT
 75.12Bd/850Hz 1-stopbit, bit inverted tfc with bit mask 31,
 online crypto after "idfifdfidf uuuarmdhbymjz &=80#" (05Dec04) (LDO)
 08338.5 unid: ship: 0904 ITA/75 Nov11 04 ML
 08343 : Unid 2256 CW (Ends sked) DO IOT 564180 AR AR. ITN
 NIL. NO - IOT 564180 AR AR AR AS GT TU STN E E.
 (21Nov04) (RGA)
 08346 : Unid Vessel 2132 GLOBEDATA In traffic with
 XSV/Globe wireless Tianjin PRC. (28Nov04) (RGA)
 08362.0 fishermen: 1110 USB ee d/x Dec04 04 ML
 08365.0 PN2: 2255 USB/ALE snd (12-nov-2004)(MSM)
 08384.0 Unid: 1850z unid Egyptian MFA? Sitor-A calling XMFV
 10dec04 (S)
 08384.5 BWAK: MV Dai Yun Shan 0956 Sitor-A 100/170 wkg VRX:
 Hong Kong Radio w/CHISREP msg. (26-Nov-04) (JUM)
 08386.0 Unid: 1900z unid Egyptian MFA? Sitor-A calling KKZK

"to sistema..."10dec04 (S)
08397.0 unid: ship KYVF/ callsign unclear after itu search
0923 ARQ Nov11 04ML
08402.5 UBHN: lazurnyj ' russian ship 0929 ITA2/50 to UIW
kaliningrad Nov1104 ML
08413.0 360: GEORGIAN BORDER GUARDS ?LOC 1627 MIL.STD
188-141A ALE on usb. C'ng 305 [cmd amd]
:7iv/305305'305305305.. Also 1637 c'ng 340. Probable qrm to
GMDSS alert frequency 8414.5 (20/Nov)(DW)
08413.0 390: GEORGIAN BORDER GUARDS ?LOC 1727 MIL.STD
188-141A ALE on usb. C'ng 305. Also 1730, 1731, 1734
(20/Nov)(DW)
08413.0 555: GEORGIAN BORDER GUARDS ?LOC 1644 MIL.STD
188-141A ALE on usb. C'ng 375 (20/Nov)(DW)
08414.5 : Belize Ship UNID 1101 GMDSS 312186000 Test.
(02/12/04) (PD)
08414.5 : Marshall Is. Ship UNID 1332 GMDSS 538001978 Test.
(02/12/04) (PD)
08414.5 : MRCC Charleville/wiluna AUS 1127 GMDSS Acks
apparent distress message apparently from Toledo
Carrier/C7MI6 in distress (fire and explosion) at 0366N
59930E (Checksum error) (06Dec04) (APB)
08414.5 : UK Ship UNID 1501 GMDSS 232391000 Test. (02/12/04) (PD)
08414.5 : Unid Coastal Station 1432 GMDSS 001000219 Test.
(02/12/04) (PD)
08414.5 : Unid MMSI 375401000 0413 GMDSS Relays alleged
unspecified distress message from vessel Aurora/GUSS
supposedly in distress at 3052N 01236W. (11Dec04) (APB)
08414.5 : Unid MMSI 636009083 0528 GMDSS Puts out apparent
distress message for another ship (?) Boa Deep/ECDE
allegedly in undesignated distress at 5855N 00544E.
(10Dec04) (APB)
08414.5 : Unid US Vessel 1818 GMDSS Acks apparent spurious
undesignated distress message from Comanche Belle/DXCN
giving posn 0853N 07930W. Checksum error. (06Dec04) (APB)
08414.5 : Yemen Ship UNID 1453 GMDSS 473111370 Test.
(02/12/04) (PD)
08414.5 DEIG: German Ship SEASHARK 1031 GMDSS Tanker
211135000 Test. (02/12/04) (PD)
08414.5 DXCN: Comanche Belle 1043 GMDSS Undesignated
distress call purporting to be from this ship at 0853N
07930W. (22Nov04) (APB)
08414.5 ELSP3: Liberia Ship LIELUPE 1312 GMDSS Oil Tanker
636010390 Test. Selcal T 24659 (02/12/04) (PD)
08414.5 ELZC9: Liberia Ship SAGITTARIUS 1453 GMDSS Container
Ship 636011423 Test. (02/12/04) (PD)
08414.5 ESGG: Estonia Ship LYRA 1432 GMDSS General Cargo
276321000 Test. (02/12/04) (PD)
08414.5 ESTA: Estonia Ship MUUGA 1321 GMDSS General Cargo
276078000 Test. Selcal S 56715 (02/12/04) (PD)
08414.5 FHQH: France Ship VILLON 1026 GMDSS Fishing Vessel
227344000 Test. (02/12/04) (PD)
08414.5 FHQI: France Ship RABELAIS 1050 GMDSS Fishing Vessel
227909000 Test. (02/12/04) (PD)
08414.5 H3TE: Panama Ship MONA PEEGASUS 1049 GMDSS Bulk
Carrier 352846000 Test. (02/12/04) (PD)
08414.5 MVFY8: UK Ship HIGHLAND PIPER 1432 GMDSS Supply
Vessel 234049000 Test. Selcal T 45582 (02/12/04) (PD)
08414.5 NMO: USCG Honolulu HWA 0249 GMDSS Acks apparent
undesignated distress message allegedly from Panamanian
vessel LT Power/H9VE at 0817S 15212E. (20Nov04) (APB)
08414.5 OXZ: Lyngby Radio Denmark 1026 GMDSS MRCC Arhus,
MRCC Bremen 002191000 Test. 5550N 01125E. (02/12/04) (PD)
08414.5 P3FU7: Cyprus Ship NORASIA HAMBURG 1103 GMDSS
Container Ship 212249000 Test. (02/12/04) (PD)
08414.5 SWVR: Greece Ship AGEAN PEARL 1255 GMDSS 239871000
Test. (02/12/04) (PD)
08414.5 SXNS: Greece Ship MARIA L 1033 GMDSS Cargo ship

240044000 Test. (02/12/04) (PD)
 08414.5 UCBR: Russia Fed. Ship VOLZHSKII-8 1530 GMDSS
 273310200 Test. (02/12/04) (PD)
 08414.5 ZLM: TaupoRadio NZL 1211 GMDSS Relays apparent distress
 message from unknown Marshall Islands vessel (!) in
 undesignated distress at 2837N 12955W. (12Dec04) (APB)
 08416.5 UFZ: Vladivostok R 1100 sitor "CQ CQ de UFZ. WEATHER
 BULLETIN OF METAREA XIII BY VLADIVOSTOK WEATHER"
 (12/11/04) (AJP)
 08417.5 L2C: PNA Buenos Aires 2310 FEC series of 4LG.
 (19/Nov/04) (RH2)
 08420.5 Unid: Coast Station 1001 sitor-B 100/170 too weak to
 decode. (26-Nov-04) (JUM)
 08424 SVO: OlympiaRadio Athens 2135 FEC Central
 Mediterranean weather in EE. (28Nov04) (RGA)
 08425.5 XSG: Shanghai R 1955 ARQ CW Marker. (07/Dec/04) (RH2)
 08427 A9M: ManamaRadio BHR 2302 ARQ w/Morse ID. (21Nov04) (RGA)
 08427.5 A9M: HamalaRadio BHR 1706 ARQ w/Morse ID and MCMC
 SELCAL data string. (08Dec04) (RGA)
 08428 NMN: CAMSLANT Chesapeake VA USA 2303 ARQ w/Morse ID.
 (21Nov04) (RGA)
 08428.5 Globe wireless Perth WA AUS 1710 GLOBEDATA Idling.
 Good signals. (08Dec04) (RGA)
 08429.4 NMO: (USCG Honolulu): 1033 FEC/CW markers. 11/27 RP3
 08431 TAH: IstanbulRadio TUR 1711 ARQ Autotelex then Morse
 ID. (08Dec04) (RGA)
 08435.0 XSQ: Guangzhou Radio 1004 sitor-A 100/170 idle w/cw
 id. (26-Nov-04) (JUM)
 08453.0 FN Saissac: (F) 12:10RTTY78/850 25nov04 (PPA)
 08470.9 Unid: 1938z unid CIS? Baudot F7B1 = 8dec04 (S)
 08474.5 FUX: FN Le Port Réunion 2306 RTTY/75/850 Test
 idlers. (21Nov04) (RGA)
 08475.2 FUX: FN Le Port 1722 RTTY/75/850 Test tape.
 (07/Dec/04) (RH2)
 08494.7 D: MX Beacon Odessa 2308 CW (21Nov04) (RGA)
 08495 D: MX Beacon Odessa 1048 CW //7039 10872 13528 16332 20049.
 (20Nov04) (WC)
 08495 F: MX Beacon Vladivostok 0031 CW. (16Dec04) (WC)
 08495 F: MX Beacon Vladivostok CW 1659 (20Nov04) (WC)
 08495 K: MX Beacon Petropavlovsk Kamcatskij TIME???
 (06Nov04) (WC)
 08495 P: MX Beacon Kaliningrad 1051 CW //10872 13528.
 (15Dec04) (WC)
 08495.5 M: Magadan, Russia 1203z May 15, 2004 CW "M" marker
 (SN)
 08500 VTH1/5/7: IN Mumbai 2320 RTTY/50/850 wx in EE.
 (19/Nov/04) (RH2)
 08514.0 XSQ: Guangzhou Radio 1527 CW marker. (25-Nov-04) (JUM)
 08517 9HD: Globe wireless Malta 2138 GLOBEDATA Idling.
 (28Nov04) (RGA)
 08530.0 HML: Nampo Radio 0524 CW with call tape. QRT at
 0529 and 0624-0629, 0724-0729. (11-Nov-04) (JUM)
 08553.0 650009: Unid prob US Mil, 1800 ALE/USB to 650049.
 (13/Nov/2004) (MR)
 08555.5 : Unid 2113 ARQ Garbled message in Spanish prob
 shipping-related. (14Dec04) (RGA)
 08568 FUV: FN Djibouti 1714 RTTY/75/850 Big brick tests.
 (08Dec04) (RGA)
 08568 FUV: FN Djibouti 2115 RTTY/75/850 Large bricks
 tests. (14Dec04) (RGA)
 08568 FUV: FN Djibouti 2301 RTTY/75/850 Bricks tests.
 (21Nov04) (RGA)
 08568.5 FUV: FN Jibouti 1952 RTTY/75/170 Testing - still
 with narrow shift. (19/Nov/04) (RH2)
 08582.0 CGA: (HQs, Venezuelan Navy): 2107 USB/ALE TO BNARCO
 (Commander, Naval Base "Amario"). 12/06 RP3
 08600.0 1103: UNID 1926 MIL.STD 188-141A ALE on usb.
 Sounding (17/Dec)(DW)

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08600.0 1104: UNID 0008 MIL.STD 188-141A ALE on usb.
Sounding (18/Dec)(DW)
08600.0 1104: UNID 0406 MIL.STD 188-141A ALE on usb.
Sounding (17/Dec)(DW)
08600.0 1105: UNID 0530 MIL.STD 188-141A ALE on usb.
Sounding (18/Dec)(DW)
08600.0 1106: UNID 1525 MIL.STD 188-141A ALE on usb. C1ng
130. 1615 c1ng 1304 (17/Dec)(DW)
08600.0 1108: UNID 0023 MIL.STD 188-141A ALE on usb.
Sounding (18/Dec)(DW)
08600.0 1111: UNID 0029 MIL.STD 188-141A ALE on usb.
Sounding (18/Dec)(DW)
08600.0 1113: UNID 0027 MIL.STD 188-141A ALE on usb.
Sounding (18/Dec)(DW)
08600.0 1115: UNID 0030 MIL.STD 188-141A ALE on usb.
Sounding (18/Dec)(DW)
08600.0 123456: UNID 0030 MIL.STD 188-141A ALE on usb.
Sounding. (18/Dec)(DW)
08600.0 2001: UNID 0022 MIL.STD 188-141A ALE on usb.
Sounding (18/Dec)(DW)
08600.0 2417: UNID 0021 MIL.STD 188-141A ALE on usb.
Sounding (18/Dec)(DW)
08600.0 241: UNID 0512 MIL.STD 188-141A ALE on usb. Sounding
(18/Dec)(DW)
08600.0 2512: UNID 0012 MIL.STD 188-141A ALE on usb.
Sounding (18/Dec)(DW)
08600.0 2515: UNID 2115 MIL.STD 188-141A ALE on usb. C1ng
251 (16/Dec)(DW)
08600.0 7896: UNID 0037 MIL.STD 188-141A ALE on usb.
Sounding (18/Dec)(DW)
08600.0 AA2: UNID 0158 MIL.STD 188-141A ALE on usb. C1ng
ACCES2 (18/Dec)(DW)
08600.0 WR3: UNID 1658 MIL.STD 188-141A ALE on usb. C1ng ACC
(17/Dec)(DW)
08625.09 GYU: rn 1144 ITA2/75 carbs Nov20 04 ML
08625.9 GYU: RN Fleet Bcast System 2311 RTY/75/200 CARBs.
(21Nov04) (RGA)
08636.0 HLW: Seoul R 2249 CW "CQ de HLW QSX 8 mhz"
(13/11/04) (AJP)
08646.0 FUJ: (French Navy Noumea): 1043 RTTY 75/850 w/test
tape. 11/29 RP3
08649.9 fishermen: 1145 USB fren d/x Nov20 04 ML
08665.0 XSG: Shanghai Radio 0743 CW w/wx tfc. (6-Dec-04) (JUM)
08669 IAR: Rome Radio 0240 CW VVV VVV DE AR IAR IAR.
(26Nov04) (CC)
08673.0 Unid: 1935z unid ???FSK 49.9/237 Idle 10dec04 (S)
08677 CVB: Time Signal Stn Valparaiso Chile 2356 USB
(23Nov04) (CC)
08711 DKL: UK Military Dhekelia? 1752 ALE/USB Sounding.
(19Nov04) (RGA)
08711 HFB: UK Military 2044 ALE/USB Sounding. Also on 6845
kHz. (13Dec04) (RGA)
08724.0 Unid: Argentinean farmers 2332 LSB SS Unid QTH. Chat
abt cows(13/11/04) (AJP)
08728.0 3AC: monaco 0934 USB french sea wx forecast medit &
atlantic african harbours Nov13 04 ML
08764.0 NMC: (USCG Point Reyes CA): 1046 USB w/marine wx.
Also noted on 04426.0. 11/27 RP3
08764.0 NMN: uscg 0940 USB wx Nov13 04 ML
08764.0 NMN: uscg portsmouth 1604 USB perfect paul...wx
Dec11 04 ML
08770.0 650009: Unid prob US mil, 2215 ALE/USB Also 550009,
490009, 650051, 650041 on this freq. (17/Nov/2004) (MR)
08770.0 USO izmail 0849 USB ukran? d/x Nov20 04 ML
08773.0 UJE: moscow 0740 USB RUSS y1 Dec12 04 ML
08776 SVO: Olympia Radio Athens Greece 0002 USB Marine
Coast Station with Advertisement calls. (23Nov04) (CC)
08788 WLO: MobileRadio AL USA 1956 USB with advertisements

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08800 and MARINE weather. // 8806. (23Nov04) (CC)
SVO: Olympia Radio Athens Greece 0010 USB Marine
Coast Station with ship to shore phone call with QSX on
8276. (23Nov04) (CC)

08806.0 3AC: monaco 0846 USB ee wx Nov20 04 ML
08817.0 O/M (SS): 2158 USB w/O/M (SS). 11/15 RP3
08825.0 61B: Venezuelan Navy 0737 USB ALE c1g F22
(13/DEC/04) (KK)
08825.0 BNA: Venezuelan Navy 0626 USB ALE c1g CGA
(13/DEC/04) (KK)
08825.0 BNA: Venezuelan Navy 2326 USB ALE c1g DHN
(13/DEC/04) (KK)
08825.0 F22: Venezuelan Navy 0405 USB ALE c1g F21
(13/DEC/04) (KK)
08825.0 F22: Venezuelan Navy 0408 USB ALE c1g B01
(13/DEC/04) (KK)
08825.0 F24: Venezuelan Navy 2326 USB ALE c1g CGA
(13/DEC/04) (KK)
08825.0 G12: Venezuelan Navy 0404 USB ALE c1g F22
(13/DEC/04) (KK)
08825.0 G12: Venezuelan Navy 0622 USB ALE c1g F22 (13/DEC/04) (KK)
08825.0 PR4: Venezuelan Navy 0245 USB ALE c1g BNF
(13/DEC/04) (KK)
08825.0 SUCRE: Venezuelan Navy 0328 USB ALE c1g GOAJIRA
(13/DEC/04) (KK)

08828 KVM70: Pacific volmet Honolulu HI 0225 USB (26Nov04) (CC)
08828.0 auckland vm: 0924 USB Nov20 04 ML
08828.0 Tokyo VOLMET: 1711 USB aviation wx in English.
//2863/13282// At 1715: Hong Kong VOLMET. //6679/13282//. At
1720, Auckland VOLMET. //6679//. At 1725, Honolulu VOLMET.
//6679//. (25-Nov-04) (JUM)

08834 VP-BWF: Aeroflot A320 0915 HFDL Posn report
(28/Nov/04) (RH2)
08834 ZS-SJM SA205/B738 0945 HFDL Posn Rpt. (08/Dec/04) (RH2)
08834.0 VP-BDK: Aeroflot A320 Flt SU0109 1947 HFDL Rep.LAT
54 15 36N LON 23 42 50E to Johannesburg (12-nov-2004)(MSM)
08834.0 VP-BDK: Aeroflot A320 Flt SU0123 1944 HFDL Rep.LAT 53 18 45N
LON 24 14 33E to Johannesburg (12-nov-2004)(MSM)
08834.0 VP-BWK: Aeroflot A319 Flt SU0263 1948 HFDL
Rep.Pos.LAT 54 0 12N LON 27 21 9E to Johannesburg
(12-nov-2004)(MSM)

08840.0 easyops london: 0850 USB / easyJet LDOC based at
Luton airport (EGGW) (02/Dec/2004) (Bob Biggart)

08843 SAN FRANCISCO: MWARA CEP-1/2 0159 USB wkg United 954
(Boeing 777-200) with selcal check inroute to London, Gbr
USB 0159 (26Nov04) (CC)

08843 SAN FRANCISCO: MWARA CEP-1/2 0204 USB wkg United 935
with selcal check status on "HOLD" to Honolulu, Hawaii.
(26Nov04) (CC)

08843 SAN FRANCISCO: MWARA CEP-1/2 0218 wkg Fedex 3875
(MD-11) with selcal check inroute to Honolulu, Hawaii.
(26Nov04) (CC)

08843.0 San Francisco: (MWARA CEP-1): 0015 flight 6902
w/position report. 12/07 RP3

08858.0 AA1: (Israeli Air Force, Ben Gurion Airbase): 0323
USB/ALE sounding. 12/06 RP30

08858.0 AA1: (Israeli Air Force, Ben Gurion Airbase): 2222
USB/ALE sounding. 12/05 RP3

08858.0 M60: (probably Israeli Air Force): 0551 USB/ALE
sounding. 12/06 RP3

08858.0 R10: (Israeli Air Force): 2217 USB/ALE sounding.
12/01 RP3

08861.0 Dakar: (MWARA AFI-1/SAT-1): 2158 USB w/various
aircraft. 11/15 RP3

08864.0 Fedex 04: 1535 approaching Somax, due to contact
Shannon on Vhf 30/11 (PP1)

08864.0 Shanwick acc: 1447 Mode USB. Tfc with Navy RX090
(USN C9B VR57 North Island).6dec04 (PR)

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08867.0 Lan Chile 833: calling Pascua (Easter Island) three times, no response. 08:50z usb Then, at 09:01, "Santiago, Santiago, Lan Chile Ocho-Tres-Tres en Ocho-Ocho-Seis-Siete" (Santiago, Santiago, Lan Chile 833 on 8867). 2dec04 (GM)

08870.0 -: China 1404z July 9, 2004 USB YL with possible 5f traffic, very weak here. (SN)

08879.0 O/M (Caribbean EE): 0458 LSB w/unheard station in familiar conversation. 11/23 RP3

08881.5 UT4d: Unid, 1500 ALE/USB to SF02. (17/Nov/2004) (MR)

08888.0 Novosibirsk VOLMET: 1713 USB aviation wx in Russian. //6693// (25-Nov-04) (JUM)

08891.0 Arctic Radio (MWARA NAT-D): 0033 USB w/UA 883 (not heard) w/flight routing. UA 883 told to contact Magadan Radio. 12/02 RP3

08893.0 O/M (SS): 2156 USB w/O/M (SS). 11/15 RP3

08894.0 unid: 1528 unid ATC (Algiers ?) "rappeler timimoun" 30/11 (PP1)

08906.0 atc nat santa maria: 1734 USB work REACH1605 yankee99 af656 cubana 404 Nov13 04 ML

08912 15 Charlie: US Customs 2144 USB Calls Panther (OPBAT Service Center, Nassau, Bahamas) flight OPS normal. (16Dec04) (CC)

08912.0 706: (HC-130H #1706, CGAS Clearwater): 2035 USB/ALE TO PAC (CamsPac Point Reyes CA). 11/12 RP3

08912.0 A82: (ICE UH-60 tail # 78-22982): 1909 USB/ALE sounding. 11/17 RP3

08912.0 D44: (ICE P-3 AEW&C #N144CS/BuNo 153446, Corpus Christi AMB, TX): 1338 USB/ALE TO CS6 (COTHEN Remote Kansas City, MO). Then Service Center calling 44CS in encrypted and clear voice w/no response. 23nov04 (RP)

08912.0 J11: (id as USCG HH-60J #6011 homeplate A&RSC Elizabeth City): 2148=USB/ALE TO LNT (Camslant) then reporting airborne from Charlotte/Concord NC 1dec04 (RP)

08912.0 J15: (HH-60J #6015 CGAS Clearwater): 2129 USB/ALE TO OPB (OPBAT Service Center, Nassau, Bahamas) and in voice radio checks. 11/17 RP3

08912.0 J17: (HH-60J #6017 CGAS Clearwater): 1420 USB/ALE sounding. 23nov04 (RP)

08912.0 J19: (HH-60J #6019 CGAS Clearwater): 0023 USB/ALE sounding. 11/17 RP3

08912.0 J28: (HH-60J #6028 CGAS Cape Cod): 1504 USB/ALE sounding. 23nov04 (RP)

08912.0 J42: (HH-60J #6042 CGAS Elizabeth City): 1304 USB/ALE TO LNT 11/17 RP3

08912.0 M70: (ICE BEECH C-12C #N72470): 1321 USB/ALE sounding. At 1359 on 11494.0 in USB/ALE TO CRB (ICE Regional Communications Node (Caribbean) then in encrypted voice w/unidentified station. 23nov04 (RP)

08912.0 PAC: (CamsPac Point Reyes): 0036 USB/ALE TO 703 (HC-130H #1703, CGAS Barbers Point). Earlier, CG 1703 had reported to CamsPac that they were on the final approach to Birmingham (Alabama??). They may be deploying to the East Coast. 11/17/ RP3

08912.0 STR: (unidentified): 1328 USB/ALE TO TSC (CBP Service Center). Also=noted on 10242.0; 11494.0; 13907.0; 15867.0; & 20890.0. 1dec04 (RP)

08912.0 TSC: (ICE Technical Service Center): 1325 USB/ALE TO 705 11/17 RP3

08918.0 New York: (MWARA CAR-A): 1825 USB w/VP-PJD w/position report. 12/10 RP3

08936 LH8383: Lufthansa Cargo MD11F 1745 HFDL Reports 5211N 00525W to ARINC Barrow AKA. (21Nov04) (RGA)

08939.0 rostov vm: 0928 USB russ Nov20 04 ML

08948 AP9885: Airbus Industrie Flt 2019 HFDL Posn 4337N 00122E. (23Nov04) (RGA)

08948 B-HQB: Cathay Pacific A340 2110 HFDL Signs on to ARINC Las Palmas. (23Nov04) (RGA)

08948 B-HQB: Cathay Pacific A340 Flt CX0831 2046 HFDL ICAO

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ID 65801E Reports 4457N 07410W to ARINC Las Palmas.
(19Nov04) (RGA)

08948 I-LIVB: Livingstone A321 Flt LVG257 2121 HF DL
Reports 3711N 00253W to ARINC Las Palmas. (23Nov04) (RGA)

08948 N450PA: Polar Air Cargo B747 2038 HF DL Posn 4927N
01315E. (23Nov04) (RGA)

08948 OH-LBX: Finnair B757 Flt AY1078 1956 HF DL Logs on to
ARINC Las Palmas. At 2054 upsets ground station by
transmitting illegal data. (23Nov04) (RGA)

08948 SU-GCE: EgyptAir A330 2029 HF DL Signs on. (19Nov04) (RGA)

08948 VP-BWF: Aeroflot A320 Flt SU0299 2001 HF DL Posn
4420N 00213E. (23Nov04) (RGA)

08948 VP-BWH: Aeroflot A320 1942 HF DL Signs on to ARINC
Las Palmas. (19Nov04) (RGA)

08948 ZS-SNF: S.African Airways A340 2003 HF DL Logs on.
(23Nov04) (RGA)

08948.0 Canarias: usb HF DL ID17 Canarias, CNR 20:00
21/11/2004 (MAL)

08960.5 O/M (EE): 2155 USB w/O/M (EE) in fishing related
discussion. Speakers had New England accents--possibly
fishermen in Georges Banks area. 12/14 RP3

08965.0 100449: (KC-10 # 70-0449): 2004 USB/ALE TO GUANPR
(Non-Secure Internet Protocol Net, Guam node). 12/03 RP3

08965.0 537999: (KC-135 # 53-7999): 0029 USB/ALE TO CRONPR
(Non-Secure Internet Protocol Net, Croughton node). At 0030
537999 contacts Hickam NPR node. 12/02 RP3

08965.0 Aircraft: (O/M Portuguese): 2150 USB w/O/M
(Portuguese) passing position report. Possible Varig LDOC.
11/15 RP3

08965.0 PANTHR: (OPBAT Service Center, Nassau, Bahamas):
2132 USB/ALE sounding. 12/13 RP3

08965.0 PANTHR: (OPBAT, Nassau Bahamas): 1404 USB/ALE
sounding. 12/06 RP3

08965.0 PANTHR: (OPBAT, Nassau Bahamas): 2031 USB/ALE
sounding. 12/03 RP3

08965.0 PNR400: (OPBAT base, Georgetown, Bahamas): 2131
USB/ALE sounding. 12/13 RP3

08971 Omni 07: P-3C 2038 USB Calls Bluestar (US Navy TSCC,
Rosey Roads NAS, PR) for a radio check with no joy then
calls Any Station signal check Fiddle (US Navy TSCC,
Jacksonville, FL) replies have you "Lima Charlie".
(16Dec04) (CC)

08972.0 O/M (JJ): 0452 USB w/O/M JJ). 11/23 RP3

08977 A7-AFO: Qatar Airways A330 1611 HF DL Signs on.
(07Dec04) (RGA)

08977 B-6053: China Eastern A310 1733 HF DL Signs on to
ARINC Reykjavik. (19Nov04) (RGA)

08977 CN-RNY: Royal Air Maroc A321 1815 HF DL Signs on.
(21Nov04) (RGA)

08977 CN-RNY: Royal Air Maroc A321 Flt AT0751 1829 HF DL
Signs on. (01Dec04) (RGA)

08977 D-ALCL: Lufthansa Cargo MD11F Flt LH8281 1916 HF DL
Sign on. (19Nov04) (RGA)

08977 G-VGOA: Virgin Atlantic A340 'Indian Princess' 1847
HF DL At 3135N 00122W. (21Nov04) (RGA)

08977 G-VGOA: Virgin Atlantic A340 'Indian Princess' Flt
VS0251 1612 HF DL At 5643N 01729E. (07Dec04) (RGA)

08977 G-VOGE: Virgin Atlantic A340 'Cover Girl' 1821 HF DL
At 5128N 00029W. (21Nov04) (RGA)

08977 G-VSHY: Virgin Atlantic A340 'Madame Butterfly' 1802
HF DL Signs on to ARINC Reykjavik. (21Nov04) (RGA)

08977 JA-401J: JAL B747 Flt JAL642 1931 HF DL Signs on to
ARINC Reykjavik. (19Nov04) (RGA)

08977 LX-PCV: CargoLux B747 'City of Diekirch' 1831 HF DL
Signs on. (21Nov04) (RGA)

08977 N325UP: UPS B767 Flt UP6727 1841 HF DL At 5406N
02351W. (01Dec04) (RGA)

08977 N331UP: UPS B767 Flt UP6753 1844 HF DL Posn report

- 5557N 03049w. (01Dec04) (RGA)
- 08977 N66051: Continental B767 Flt CO0047 1839 At 5210N 03851w. Acks weather alert from ground: "N66051 RAA QUFCDNCO.1DISP TO 0047/01. <BEL>WEATHER ALERT. MIAXECO 011753Z MIAXE1Y 994 011753 WSCN34 CYQX 011751 SIGMET E1 VALID 011750/012150 CYQX-WTN 30 NM OF LN /4900N05915W/40 NW STEPHENVILLE - /4806N05723W/35N." (01Dec04) (RGA)
- 08977 VP-BAY: Aeroflot B767 1811 HF DL Signs on to ARINC Reykjavik. (01Dec04) (RGA)
- 08977 ZS-SNB: S.African Airways A340 1825 HF DL Signs on. (01Dec04) (RGA)
- 08980.0 NOJ: (COMSTA Kodiak AK): 0230 USB/ALE sounding. Also sounding on 13221.0 & 15082.0. 11/27 RP3
- 08980.0 NOJ: (USCG COMSTA Kodiak AK): 0221 USB/ALE TO J12 (USCG HH-60J #6012=CGAS Kodiak). 01dec94 (RP)
- 08980.0 NOJ: USCG COMSTA Kodiak 2222 Mil-std 188-141A/USB clg J12: USCG HH-60J #6012. (27-Nov-04) (JUM)
- 08983 COASTGUARD CHESAPEAKE: USCG Chesapeake VA USA 1633 USB Calls GOASTGUARD 1720 ON 5 OR 8 MEGS. COASTGUARD 1720 responded normal ops and departing panama. (25Nov04) (GB)
- 08983 USCG 1705: HC-130H 2050 USB Calls USCG Camslant Chesapeake, VA to call Group Key West unable to raise them on their frequency request secure frequency was told to come up on night frequency 4 megs (4716.6) ---SECURE with ANDVT. (30Nov04) (CC)
- 08983 USCG 2117: HU-25A 2032 USB Calls USCG Camslant Chesapeake, VA to secure guard with 7 pob leaving MIAMI for local training landing at KEY WEST. (30Nov04) (CC)
- 08983.0 Camslant Chesapeake: 1732 USB w/CG 1720 (HC-130, CGAS Clearwater-very weak). Camslant confirms for OPBAT that CG 1720 will arrive at Great Inagua, Bahamas in one hour. 12/03 RP3
- 08983.0 Camslant: 1735 USB w/CG 2140 (HU-25, CGAS Cape Cod-not heard) who reports they are on the deck at Pease AFB, NH. 12/03 RP3
- 08983.0 Camslant: 2120 USB w/CG 1712 (HC-130H #1712, CGAS Barbers Point-probably deployed to the East Coast) w/radio checks. 11/17 RP3
- 08983.0 Camslant: 2227 USB w/swordfish 02 (HU-25D CGAS Miami) (caught in progress) w/Camslant confirming the vessel is a sailing vessel w/blue hull and white sails in area of 2018N/7316W. 11/17 RP3
- 08983.0 CamsPac Point Reyes: 0131 USB w/CG 1704 (not heard) w/radio checks. 11/16 RP3
- 08989.0 O/M (SS): 0005 USB w/O/M (SS). 11/25 RP3
- 08989.0 O/M (SS): 2324 USB w/O/M (SS). 11/15 RP3
- 08989.0 ONY: (77?) baf 0929 USB ee work unid flight for wx cond & next grxNov20 04 ML
- 08992 Husker 25: KC-135 2259 USB Calling Mainsail with USAF Offutt AFB NE giving EAM. (30Nov04) (CC)
- 08992 OFFUTT: USAF Offutt AFB NE 1950 USB with EAM. (23Nov04) (CC)
- 08992 Salesman: EAM 2010 USB with EAM traffic. (16Dec04) (CC)
- 08992.0 Andrews: 2022 USB w/47 character EAM (KNZP6C). 11/23 RP3
- 08992.0 Omni 06 (P-3C VP-5 NAS Jacksonville): 2208 w/Offutt in pp to DSN 942-XXX VP-5 Duty Officer. Omni 06 asks Duty officer for pp to 553-XXXX (answering machine). 11/24 RP3
- 08992.0 Pro Ball: 2040 USB w/EAM (YBUDZY). 11/23 RP3
- 09007.0 (Canadian FF): 2214 USB w/O/M (Canadian FF) caught at sign off. 11/24 RP3
- 09007.0 Trenton Military: (very weak): 0157 USB w/unidentified Canforce aircraft (not heard) w/wx for Goose Bay, Labrador. 12/12 RP3
- 09010 BOMONCLOVA: Unid Mexican unit, Monclova, state of Coahuila 0030 ALE/USB Clg SALTILLO (unID MEXican unit, Saltillo, state of Coahuila), SINAD report then nada. at 0033, short call by SCORPIUS on same freq, no sounding just a TWA[SCORPIUS] TWA[SCO]. Suspect Mexican Civil Guard or

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equivalent, possibly Federal Police or State Police, since both calls are in major cities in the province. SCORPIUS? that's a mystery. (14Dec04) (BC2)

09025 E30002: USAF E3-C 79-0002 2312 ALE/USB c1g ADW (USAF Andrews AFB) then to voice for phone patch between a/c (SENTRY-42) and base ops (PHOENIX-3). Audio file available upon request. (14Dec04) (BC2)

09025 HAW030: USAF Ascension Island Scope Command 0815 ALE/USB Wonder what the "030" stands for? (27Nov04) (CC)

09025 JDG: Diego Garcia 1539 ALE/USB Sng. (25/Nov/04) (RH2)

09025 JTY: Yokota AFB Japan 0901 ALE/USB (27Nov04) (CC)

09025 MCC: McLellan AFB 1439 ALE/USB MsLellan to GUA/Guam. (25/Nov/04) (RH2)

09025 MCC: McLellan AFB 1525 ALE/USB Sng. (25/Nov/04) (RH2)

09025 MPA: RAF Port Stanley, Falkland Island 0850 ALE/USB (27Nov04) (CC)

09025 PLA: USAF Lajes AFB Azores 0843 ALE/USB TO: IKF (USN NAS Keflavik). (27Nov04) (CC)

09025.0 221105: (C-17 # 02-1105): 0342 USB/ALE sounding. 12/14 RP3

09025.0 504: UNID 2129 MIL.STD 188-141A ALE on usb. c1ng ADW, also 2142 2142 [AMD] ccccd9,9918008747561nnnn, 2144. 2154 c1ng JNR [AMD] ccccd8,9351520nnnn (05/Dec)(DW)

09025.0 ADW: (Andrews AFB): 1658 USB/ALE w/790 (USCG HC-130 # 1790, CGAS Elizabeth City). 12/02 RP3

09025.0 CRO: HF-GCS CROUGHTON 2110 MIL.STD 188-141A ALE on usb. Sounding. 2206 c1ng ICZ (05/Dec)(DW)

09025.0 DL0003: (E-3B # 81-0003, Tinker AFB): 0302 USB/ALE datalink sounding. 12/14 RP3

09025.0 DL0003: (E-3B AWACS # 79-0003, Tinker AFB): 1147 USB/ALE sounding. 12/06 RP3

09025.0 ICZ: HF-GCS SIGONELA 2104 MIL.STD 188-141A ALE on usb. c1ng CRO, also 2105 2159 2206. 2119 sounding, also 2305 (05/Dec)(DW)

09025.0 IKF: HF-GCS KEFLAVIK 2220 MIL.STD 188-141A ALE on usb. Sounding. (05/Dec)(DW)

09025.0 J16: (USCG HH-60J # 6016 CGAS Clearwater): 2135 USB/ALE TO JNR (Salinas, PR). 12/13 RP3

09025.0 JDG: (Diego Garcia): 2111 USB/ALE TO JTY (Takota AB). 12/03 RP3

09025.0 JNR: HF-GCS SALINAS 2112 MIL.STD 188-141A ALE on usb. Sounding. 2154 responding to 504 (05/Dec)(DW)

09025.0 MPA: HF-GCS MOUNT PLEASANT 2111 MIL.STD 188-141A ALE on usb. Sounding. Also 2311 (05/Dec)(DW)

09025.0 PLA: HF-GCS LAJES 2059 MIL.STD 188-141A ALE on usb. Sounding, also 2200 2232 2307. 2101 c1ng HAW. 2208 c1ng GUA (05/Dec)(DW)

09025.0 Unid: USB/ALE (US Air Force) this evening (2004-12-07 09:00)(GM)

09031.0 JGN64: 1020 JGN64 w/Architect request wx for LIBD Bari and LQBK Banja Luka , usb 01/12 (PP1)

09044.0 OPS171: US-Army 1914 USB ALE snd (17/NOV/04) (KK)

09047.8 O/M (Vietnamese): 0026 USB w/O/M (Vietnamese). 12/02 RP3

09048.0 O/M (SS): 2325 USB w/O/M (SS). 11/15 RP3

09049.6 NCS015: (National Communications System Auxiliary) VA: 1700 USB (24/NOV/04) (JLM)

09050.0 AAR1FP: (Net Control-western Mass): 1702 USB w/net check-ins: AAR2ZJ (New York); AAR2NAD (New York); AAR1DD (Conn). 12/01 RP3

09050.0 O/M (SS): 2325 USB w/O/M (SS). 11/15 RP3

09052 CRC2M: Regional Communications Centre 2323 ALE/USB c1g CLC21E & CLC23M (both Local Communications Centres) USB/ALE 2323z then into unID digital voice comms. Still active with callup by DESTAFAC23 (23rd NG Det) to CGGN (Nat Grd HQ) at 2334. CRC2M then calls CLC24M (Local Comm Centre) and back into secure voice mode at 2343. CRC2M then calls CLC25M at 2344. This must be a check-in type net ?

- Weekly maybe? (02Dec04) (BC2)
- 09052.0 AMMAN: FRENCH EMB AMMAN 0304 MIL.STD 188-141A ALE on usb. C1ng CER42, also at 0321 (06/Dec)(DW)
- 09052.0 CGGN: (HQs, Venezuelan National Guard): 2114 USB/ALE TO DESTAFAC23 (Detachment 23, Venezuelan National Guard). 11/29 RP3
- 09052.0 CGGN: VENEZUELAN NG COM GEN 0536 MIL.STD 188-141A ALE on usb. C1ng MIRA1, also 0908. 0549 c1ng CUFAN1, also
- 0902 (06/Dec)(DW)
- 09052.0 CORE7: VENEZUELAN MIL PUERTO LA CRUZ 0306 MIL.STD 188-141A ALE on usb. C1ng CUFAN7. 0341 c1ng MIRA3 (06/Dec)(DW)
- 09052.0 CRC2M: (Regional Command Center-Mobile, 2nd Military Region, Venezuelan Army): 0010 USB/ALE TO CLC24M (Local Communications Center, 24th Inf Bde). 12/14 RP3
- 09052.0 CRC2M: (Regional Command Post-Mobile, 2nd Military Region, Venezuelan Army): 0006 USB/ALE TO CLC25M (Local Communications Center, 25th Inf Bde). 12/09 RP3
- 09052.0 CRC2M: (Regional Communications Center-Mobile, 2nd Military region, Venezuelan Army): 1230 USB/ALE TO CLC23M (Local Communications Center-Mobile, 23rd Special Operations Bde). 12/01 RP3
- 09052.0 CRC2M: (Regional Communications Center-Mobile, 2nd Military Region, Venezuelan Army): 2106 USB/ALE TO CLC25M (Local Communications Center-Mobile, 25th Inf Bde). 11/30 RP30
- 09052.0 CUFAN3: (unidentified sub-element of Unified Command of National Armed Forces): 0302 USB/ALE TO DESTAFAC23 (National Guard, Detachment 23). Also noted on 07849.0 & 08060.0. 11/22 RP3
- 09052.0 DESTAFAC23: (Detachment 23, Venezuelan National Guard): 1132 USB/ALE TO CGGN (HQs, Venezuelan National Guard). ALE handshake followed by encrypted signal. Also noted on 07849.0 & 08060.0. 11/27 RP3
- 09052.0 RABAT: FRENCH EMB RABAT 0850 MIL.STD 188-141A ALE on usb. C1ng CER11 (06/Dec)(DW)
- 09052.0 SCLC222M: (Subordinate Local Communications Center-Mobile, 222nd Motorized Inf Bn, Venezuelan Army): 2316 USB/ALE TO CLC22M (Local Communications Center-Mobile, 22nd Motorized Inf Bde). 12/08 RP3
- 09053 BATWING: Unid 2304 ALE/USB C1g CHAINMAIL/unID. Also hrd VCL c1g BGD at 2308. Both callup sequences were in AL0 and BATWING & CHAINMAIL were fairly strong here nr Denver. The plot thickens (thinking these may be 2 seperate nets now). (02Dec04) (BC2)
- 09053 SCHOOLMASTER: New Player 1903 ALE/USB Called BATSWING. BATSWING, FEASTFUL, CHAINMAIL, FPT, and BGD also on freq with ALE soundings from 1813Z to 2038Z. (12/04/04) (BJW)
- 09053 VCL: Unid 2346 ALE/USB C1g FPT (unID) then to secure voice comms 2346. TWR & FPT callup and into secure comms at 0007z... all while the Venezuelans are playing on 9052.... (02Dec04) (BC2)
- 09053.0 FEASTFUL: (probable US Army): 2245 USB/ALE TO BATSWING (probable US Army). Also noted on 17411.5 & 18411.5. Thanks to tips from Brad & Jack Metcalf. 12/03 RP3
- 09053.0 FPT: (unidentified): 0138 USB/ALE TO BG1 (unidentified). 12/03 RP3
- 09053.0 FPT: (unidentified): 1044 USB/ALE TO TWR (unidentified). 12/03 RP3
- 09053.0 FPT: (unidentified): 1113 USB/ALE TO BG2 (unidentified). 12/03 RP3
- 09053.0 VCL: (unidentified): 0030 USB/ALE TO BG1 (unidentified). Thanks to tip from Brad in Denver. 12/03 RP3
- 09053.0 VCL: (unidentified): 1114 USB/ALE TO FPT (unidentified). 12/03 RP3
- 09060.0 JADE: (probably HQs, Mexican Army): 0049 USB/ALE TO

RM8 (Mexican Army, HQs, 8th Military Region, Ixcotel).
12/06 RP3

09060.0 RM12: (Mexican Army, HQs 12th Military Region, Irapuato): 2253 USB/ALE TO JADE (Probably HQs, Mexican Army). 12/05 RP3

09060.0 RM15: (HQs, Military Region 15, Mexican Army): 0331 USB/ALE TO JADE (probably HQs, Mexican Army). 12/09 RP3

09060.0 RM8: (Mexican Army, HQs 8th Military Region, Ixcotel): 2313 USB/ALE TO 09060.0 RM5 (Mexican Army, HQs 5th Military Region, Guadalajara): 0009 USB/ALE TO JADE (Probably HQs, Mexican Army). 12/06 RP3

09061.0 206: PRC NET? 0829 MIL.STD 188-141A ALE on usb. CIng 207 (06/Dec)(DW)

09061.0 O/M (SS): 0027 USB w/O/M (SS). 12/02 RP3

09064.0 WGY947: Iowa EOC Des Moines, IA: 1614 USB voice NECN exercise (01/DEC/04) (JLM)

09065 KBOING: Suspect USAF/ANG Boise Idaho 2340 ALE/USB CIng R23584 (prob a UH-60) KBOI is the StaCode for Boise Idaho (I forget the name of the airfield but the ANG base is directly on the other side of the runway from the commercial terminal, have flown in and out of there waaaaay too many times <grin>). (13Dec04) (BC2)

09067.7 Egyptian Diplomatic: (Selcal KDKDJ): 2150 ARQ sending traffic. Signal quite strong. Possibly Egyptian Embassy in Havana. Ends traffic w/YKS YKS YKS YKS .
12/14 RP3

09067.7 Unid: 2328 ARQ. Probable Egyptian diplomatic w/KDKHXKD KDKBSF 22222 US KDKLD LKPHOM. 11/24 RP3

09067.8 Unid: 0037 ARQ w/KDXKMF : 312=A0=A0=A0=A0 3 ----- 11...KDLKFM : 502=A0=A0=A0=A0 4=A0=A0=A0=A0=5262=A0=A0 53. Probable Egyptian Diplomatic. 11/19 RP3

09070.0 T72: (Venezuelan Navy LCU " La Orchila" T-72): 2325 LSB/ALE TO DCCOP (Direccion de Coordinacion Y Control Operacional). 11/24 RP3

09075.0 SUCRE: VENEZUELAN FRIGATE MARISCAL SUCRE 0431 MIL.STD 188-141A ALE on usb. CIng BNARCO (Commander Naval Base "Amario" (07/Dec)(DW)

09081.5 KBNWNG: (Army Nat'l Guard, Boone Airport, IA): 1500 USB/ALE sounding. 12/03 RP3

09081.5 KFMHNG: (MANG, Otis ANGB, Mass): 1629 USB/ALE sounding. Also sounding on 06985.0; 08171.5 & 10670.5. 12/12 RP3

09081.5 T1Z137: (1/137th Avn. OHNG, Rickenbacher ANGB, OH): 1634 USB/ALE sounding. Also sounding on 07650.0 & 10530.0. 12/12 RP3

09086 ELEFANTE: Mod Roma, I 0813 USB/FSK-1200Bd/IRS-mode, rcvng tfc fm "BISONTE" (11Dec04) (LDO)

09086.0 ELEFANTE: Mod Roma, I 0813 USB/FSK-1200Bd/IRS- mode, rcvng tfc fm "BISONTE" (11Dec04) (LDO)

09093.6 AVISOS: UNID Thales/French Navy station, F 1031 USB/MIL-STD 188-141A, tfc. to "FREGATES" (01Dec04) (LDO)

09093.6 FREGATES: UNID Thales/French Navy station, F 1031 USB/MIL-STD 188-141A, tfc. to "AVISOS" (01Dec04) (LDO)

09100.0 KRAPNG: (IANG, Rapid City IA Airport): 0204 USB/ALE sounding. 12/08 RP3

09106.0 AAV2ASMARS: (Army MARS station): 1730 USB/ALE TO KGD34NCC (SHARES Master Coordinating Station, Arlington VA). 11/24 RP3

09106.0 AAV2ASMARS: (Army MARS station): 1731 USB/ALE TO AAR1DDMARS (SHARES Coordinating Station, CT). 11/24 RP3

09106.0 AAV2ASMARS: (Army MARS station): 1734 USB/ALE TO AAT3BFMARS (Army MARS SHARES Digital Coordinating Station, Delaware). 11/24 RP3

09106.0 HHS: (Dep't of Health & Human Services, wash DC): 1537 USB/ALE sounding. 11/21 RP3

09106.0 HHS: (Dept of Health & Human Services, wash DC): 1608 USB/ALE sounding. 11/24 RP3

09106.0 KGD34NCC: (SHARES Master Coordination Station,

Arlington VA): 1715 USB/ALE TO AAV2ASMARS (Army MARS).
11/17 RP3

09106.0 NNN0ELA: (Navy-Marine MARS, South Carolina): 1715
USB/ALE TO NCS (SHARES Nat'l Coordinating Station,
Virginia). 11/17 RP3

09106.0 WGY9900: (American Red Cross, Arlington VA): 1619
USB/ALE sounding. 12/07 RP3

09106.0 WGY9900: (American Red Cross, Arlington VA): 1712
USB/ALE sounding. Also sounding on 04490.0. 11/24 RP3

09106.0 WGY9900: (American Red Cross, Arlington VA): 1854
USB/ALE sounding. 12/01 RP3

09106.0 WGY9900: (SCS EAST WGY9900 ARC Falls Church, VA):
1520 USB/ALE

09110.0 HN12: UNID 0902 MIL.STD 188-141A ALE on usb. C1ng
JU14 (08/Dec)(DW)

09123.0 CENTR8: MFA BUCHAREST 0854 MIL.STD 188-141A ALE on
usb. C1ng OKC (08/Dec)(DW)

09123.0 OKC: ROMANIAN EMB ?LOC 0854 MIL.STD 188-141A ALE on
usb. Responding to CENTR8. 0912 c1ng CENTR8 (08/Dec)(DW)

09124 : UNID North African MIL net, ALG? 0834 USB, scrambled voice
tfc using HC-265 scrambler in HF-mode, 300Bd
FSK with tactical msg traffic and 300Bd FSK @+2200Hz for
link management (04Dec04) (LDO)

09124.0 no-call: UNID North African MIL net, ALG? 0834 USB,
scrambled voice tfc using HC-265 scrambler in HF-mode, 300Bd
FSK with tactical msg traffic and 300Bd FSK @+2200Hz for
link management (04Dec04) (LDO)

09126.5 CHM721T: & CHM728, Canadian Military: 1742 USB ALE
(01/DEC/04) (JLM)

09135.0 ASSADCTO: UNID 2313 MIL.STD 188-141A ALE on usb.
C1ng ANTARCTO (08/Dec)(DW)

09168.0 1101: UNID 0223 MIL.STD 188-141A ALE on usb.
Sounding (09/Dec)(DW)

09178.0 111: GUARDIA CIVIL ?LOC 0903 MIL.STD 188-141A ALE on
usb. C1ng TWBA (10/Dec)(DW)

09178.0 TWBA: GUARDIA CIVIL BARCELONA 0903 MIL.STD 188-141A
ALE on usb. Responding to 111 (10/Dec)(DW)

09183.5 AT1: (FBI Atlanta, GA): 2028 USB/ALE w/KC1 (FBI
Kansas City). Also noted on 7778.5 & 7903.5. 11/23 RP3

09189.8 : UNID station, 1321 CCIR 493-4 selcall 100Bd/170
Hz, calling 2804 (12Dec04) (LDO)

09189.8 no-call: UNID station, 1321 CCIR 493-4 selcall
100Bd/170 Hz, calling 2804 (12Dec04) (LDO)

09190 T81: Venezuelan Navy Replenishment Oiler "Ciudad
Bolivar" 0155 ALE/USB To BNA: Naval Base "Amario".
(25Nov04) (CC)

09190.0 64B: (LST "Los Llanos", T-64, Venezuelan Navy):
0132 USB/ALE TO BNA (Naval Base "Amario"). 12/02 RP3

09190.0 64B: VENEZUELAN NAVY? 0432 MIL.STD 188-141A ALE on
usb. C1ng 21B (10/Dec)(DW)

09190.0 BNA: VENEZUELAN NAVY 0203 MIL.STD 188-141A ALE on
usb. C1ng T81. Also 0212. 0933 c1ng CGA (10/Dec)(DW)

09190.0 BNF: (Naval Base "Falcon"): 2326 USB/ALE TO BNA
(Naval Base "Amario"). 11/22 RP3

09190.0 BNF: (Venezuelan Naval Base "Falcon"): 1255 USB/ALE
TO BNA=(Venezuelan Naval Base "Amario"). Also noted on
13500.0. 11/18 RP3

09190.0 BNF: VENEZUELAN NAVY 0422 MIL.STD 188-141A ALE on
usb. C1ng CGA. 0428 c1ng BNA. 0433 c1ng BNG, also 0440
(10/Dec)(DW)

09190.0 BNG: VENEZUELAN NAVY 0224 MIL.STD 188-141A ALE on
usb. C1ng BNA, also 0241. 0306 c1ng CGA (10/Dec)(DW)

09190.0 CGA: (HQs, Venezuelan Navy): 0354 USB/ALE TO
T81(Replenishment Oiler " Ciudad Bolivar") 11/26 RP3

09190.0 G12: VENEZUELAN NAVY? 0426 MIL.STD 188-141A ALE on
usb. C1ng T81, also 0433. 0932 c1ng PR4 (10/Dec)(DW)

09190.0 GOAJIRA: VENEZUELAN NAVY 2330 MIL.STD 188-141A ALE
on usb. C1ng BRION (09/Dec)(DW)

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09190.0 PR1: (River Patrol Craft "Lago1" PBR-1): 1248
USB/ALE TO DHN=(Venezuelan Navy's Direccion de Hidrografia y
Navegacion). 11/18 RP3

09190.0 PR1: (Venezuelan Naval Radio Station 1 (Puesto
Radio): 2233 USB/ALE TO T81 (Replenishment Oiler " Ciudad
Bolivar" T-81). 12/09 RP3

09190.0 PR1: VENEZUELAN NAVY? 0044 MIL.STD 188-141A ALE on
usb. C1ng DHN. Also 0059, 0229 (10/Dec)(DW)

09190.0 PR5: VENEZUELAN NAVY 0445 MIL.STD 188-141A ALE on
usb. C1ng CGA (10/Dec)(DW)

09190.0 T81: (Replenishment Oiler " Ciudad Bolivar" T-81):
2000 LSB/ALE TO DCCOP (Naval Operations & Control
Directorate). Also noted on 13139.0 LSB & 16680.0 LSB.
12/06 RP3

09190.0 T81: (Replenishment Oiler " Ciudad Bolivar"): 2310
USB/ALE TO BNA (Naval Base "Amario"). 11/22 RP3

09190.0 T81: VENEZUELAN NAVY 0934 MIL.STD 188-141A ALE on
usb. C1ng CGA (10/Dec)(DW)

09190.0 T81:(Replenishment Oiler " Ciudad Bolivar"): 0412
USB/ALE TO BNA (Naval Base "Amario"). 11/26 RP3

09200.0 1101: UNID 0218 MIL.STD 188-141A ALE on usb.
Sounding (10/Dec)(DW)

09200.0 1106: UNID 0228 MIL.STD 188-141A ALE on usb.
Sounding. 0859 c1ng 1001. 0929 c1ng 1107 (10/Dec)(DW)

09200.0 2001: UNID 0219 MIL.STD 188-141A ALE on usb.
Sounding (10/Dec)(DW)

09200.0 7896: UNID 0217 MIL.STD 188-141A ALE on usb.
Sounding (10/Dec)(DW)

09201.0 1001: UNID 0232 MIL.STD 188-141A ALE on usb.
Sounding (10/Dec)(DW)

09201.0 1105: UNID 0243 MIL.STD 188-141A ALE on usb.
Sounding (10/Dec)(DW)

09202.0 YHF: Tentative logging 0200z Feb 22, 2004 USB very
strong carrier on frequency, unable to ID but did hear a
very weak voice cadence. Tones were noted at 0203 (SN)

09220.0 H02: Unid, 1815 ALE/USB. (13/Nov/2004) (MR)

09241 E3K: UNID Spanish MIL, E 1558 USB/SKYMASTER 8-FSK
ALE/SYSTEME 3000 2400Bd PSK ARQ-system, tfc to F2A using
TRC-3600 radio (12Dec04) (LDO)

09241 F2A: UNID Spanish MIL, E 1558 USB/SKYMASTER 8-FSK
ALE/SYSTEME 3000 2400Bd PSK ARQ-system, tfc to E3K using
TRC-3600 radio (12Dec04) (LDO)

09241.0 E3K: UNID Spanish MIL, E 1558 USB/SKYMASTER 8- FSK
ALE/SYSTEME 3000 2400Bd PSK ARQ-system, tfc to F2A using
TRC-3600 radio (12Dec04) (LDO)

09241.0 F2A: UNID Spanish MIL, E 1558 USB/SKYMASTER 8- FSK
ALE/SYSTEME 3000 2400Bd PSK ARQ-system, tfc to E3K using
TRC-3600 radio (12Dec04) (LDO)

09251 LINCONSHIRE POACHER: Enigma E03 1803 ID and 28888
callup. (14Dec04) (RGA)

09295.0 86OPS: (86th Med Coy, VTNG Burlington VT): 1912
USB/ALE sounding. 12/07 RP3

09295.0 86OPS: (86th Med Coy, VTNG, Burlington VT): 1331
USB/ALE sounding. Also sounding on 06911.5 & 08171.5.
12/06 RP30

09295.0 BNGNY: (Nat'l Guard, Binghamton NY): 1623 USB/ALE
sounding. 11/30 RP3

09295.0 BNGNY: (Nat'l Guard, Binghamton NY): 1644 USB/ALE
soudning. 11/27 RP3

09295.0 CPSNY: (Nat'l Guard, Cooperstown NY): 1610 USB/ALE
sounding. 11/27 RP3

09295.0 CPSNY: (Nat'l Guard, Cooperstown NY): 1625 USB/ALE
sounding. 11/30 RP3

09295.0 EAATS: (Eastern Army Aviation Training Site, Muir
AAF, Ft Indiantown Gap PA): 1548 USB/ALE sounding. Also
sounding on 06911.5. 11/27 RP3

09295.0 MI22: UNID 0651 MIL.STD 188-141A ALE on usb. C1ng
HN22 (12/Dec)(DW)

09295.0 RVHNY: (Nat'l Guard, Riverhead NY): 1642 USB/ALE sounding. 11/27 RP3

09295.0 RVHNY: (Nat'l Guard, Riverhead NY): 1707 USB/ALE sounding. 12/10 RP3

09295.0 STINY: (Nat'l Guard, Staten Island NY??): 1608 USB/ALE sounding. 11/27 RP3

09295.0 SYRNY: (Nat'l Guard, Syracuse NY): 1605 USB/ALE sounding. 11/127 RP3

09295.0 SYRNY: (Nat'l Guard, Syracuse NY): 1651 USB/ALE sounding. 11/30 RP3

09295.0 TC159: (Coy "C", 1/159th Avn, Ft Bragg NC): 1646 USB/ALE sounding. 11/30 RP3

09300.0 SCORPIUS: BRAZILIAN AF ?LOC 0255 MIL.STD 188-141A ALE on usb. Sounding. Also 0500. 0543 (12/Dec)(DW)

09315 OHT: Sonatrach Net Ohanet ALG 2155 ALE/USB Sounding. (04Dec04) (RGA)

09365.0 FASHER: UNJLC SUDAN FASHER 0524 MIL.STD 188-141A ALE on usb. C'ng OBIED (13/Dec)(DW)

09380.0 1002: (unidentified): 0309 USB/ALE sounding. 12/10 RP3

09385.0 SCORPIUS: BRAZILIAN AF ?LOC 0210 MIL.STD 188-141A ALE on usb. Sounding. Also 0252 (14/Dec)(DW)

09462.0 FC6: (Communications Manager, FEMA Region 6, Denton TX): 1420 USB/ALE TO OK6 (Oklahoma State EOC, Oklahoma City OK). Also noted on 11108.0 & 14908.0. 11/24 RP30

09462.0 FC8FEM: (Communications Manager, FEMA Region 8, Denver CO): 1624 USB/ALE TO WY8FEM (Wyoming State EOC, Cheyenne WY). Also noted on 10588.0. 11/24 RP3

09469.8 8001: Unid, 1630 ALE/USB to 1111. Many c/s's on this freq: 1123, 3956, 49122, ..., 7011. (17/Nov/2004) (MR)

09530.0 ELER55: polish mil 0858 USB ALE to FE010 pol mil //while listening to nhk sumo fighting via french guyana relay NOV28 04ML

09609.2 1121: Unid, 1545 ALE/USB. (17/Nov/2004) (MR)

09916.0 6301: Unid 0425 ALE/USB to 7301. (15/Nov/2004) (MR)

09937.0 Link 11: 2046 USB (30/NOV/04) (JLM)

09982.5 KVM70: 0550-0611z, KVM70 Honolulu Meteo.Significant cloud & Pacific Streamline maps (FAX120/576) (During geomagnetic storm, november 9,2004)(RT)

09986.4 : UNID station, 0848 SITOR-B 100Bd/170Hz online crypto tfc. (04Dec04) (LDO)

09986.4 no-call: UNID station, 0848 SITOR-B 100Bd/170Hz online crypto tfc. (04Dec04) (LDO)

09996.0 RWM: Time Signal station Moscow, RUS, 1510, CW, CQ call and one-second pulses, 11-Dec-04 (CK)

10024 MEXICO RADIO: MWARA-SAM-NW/SW wkg Coast Guard 1716 (HC-130H7) CGAS Sacramento 2253 USB with position report. (23Nov04) (CC)

10024 SANTAREM: MWARA-SAM-NW/SW wkg Reach 931 Heavy 2255 USB with position report. (23Nov04) (CC)

10026.0 O/M (CC): 2145 USB w/O/M (CC). 11/15 RP3

10033.0 Miami Radio: 0045 USB w/flight 6202 (O/M SS & EE) in pp w/Operaciones (O/M SS) w/flight information for arrival in Miami. 12/02 RP3

10057.0 San Francisco: (MWARA CEP-1): 2318 w/various aircraft. 11/17 RP3

10070.0 fishermen: 1607 USB span d/x Dec03 04 ML

10071.0 O/M (SS): 0950 USB w/O/M (SS). Non-aero related conversation. 11/29 RP3

10100.8 DDK9: Hamburg Meteo 0721 Baudot 50/450 synoptic wx. (6-Dec-04) (JUM)

10100.8 DDK9: Pinnenberg Meteo 1806 RTTY/50/400 RY's + admin details etc. (27/Nov/04) (RH2)

10101.0 O/M (CC): 2328 USB w/O/M (CC). 11/15 RP3

10135.0 LINCE: (Mexican military): 2247 USB/ALE TO LEON (Mexican military). 12/05 RP3

10153.0 KBOING: Idaho NG, Boise Air Terminal/Gowen Field: 2335 USB ALE (01/DEC/04) (JLM)

- 10176 T2Z238: 2-238 AVN US Army Tuzla BIH 1901 ALE/USB Sounding. (07Dec04) (RGA)
- 10194.0 FC4FEM: (Communications Manager, FEMA Region 4, Thomasville GA): 1501 USB/ALE TO FCSFEM (Communications Supervisor, FEMA HQs, Wash DC). Also noted on 10588.0; 12216.0; & 15708.0. 12/07 RP3
- 10209.0 132: UNID Spanish Guardia Civil node, E 1638 USB/MIL-STD 188-141A, wkng. TWBA [=Barcelona] (11Nov04) (LDO)
- 10242.0 704: (HC-130H #1704, CGAS Sacramento): 0056 USB/ALE TO PAC (CamsPac). At 2024 on 23214.0 in USB/ALE sounding. At 2159 in ALE & voice on 18594.0 w/CamsPac giving position as Marysville. 11/17 RP3
- 10242.0 D45: (ICE P-3 AEW&C #N145CS/BuNo 155299, Jacksonville AMB, FL): 1341 USB/ALE sounding. At 2112 on 8912.0 in USB/ALE TO EST (ICE Regional Communications Node (East) then in long encrypted voice w/unidentified station. 23nov04 (RP)
- 10242.0 D69: (ICE P-3B "Slick" #N769SK/BuNo 152729, Jacksonville AMB, FL): 1336 USB/ALE sounding. At 1412 on 11494.0 in USB/ALE TO EST (ICE Regional Communications Node (East) then in encrypted voice w/unidentified station. At 1821 D69 in encrypted comms w/Hammer via the Service Center. 23nov04 (RP)
- 10242.0 H98: (probable MH-68, HITRON 10, Jacksonville FL): 0009 USB/ALE TO UCG (US Coast Guard, probable Camslant). At 1555 in USB/ALE sounding on 15867.0.
- 10242.0 H99: (possible MH-68 #1099, HITRON 10, Jacksonville FL): 1941 USB/ALE TO CS9 (ICE Remote Transmitter). Also noted on 13907.0. 11/15 RP3
- 10242.0 I3L: (CBP CESSNA 550 #N6763L): 0054 USB/ALE TO WST then in clear voice=w/Hammer. Hammer asks 63 Lima if they have comms with the King Air. 63 Lima=says they had comms a while ago and advised Hammer that they have about 1/2=hour left. 1dec04 (RP)
- 10242.0 J01: (HH-60J #6001 CGAS Elizabeth City): 2004 USB/ALE sounding. 23nov04 (RP)
- 10242.0 J17: (HH-60J #6017 CGAS Clearwater): 2221 USB/ALE TO LNT (Camslant) & in voice reporting position as 2634N/8019W. At 2238 Service Center in ALE & voice w/J17 (not heard) On 08912.0 then in pp w/Clearwater Air Operations confirming ETA of 1830 local. 11/17 RP3
- 10242.0 J18: (HH-60J #6018 CGAS Clearwater): 0022 USB/ALE sounding. 11/17/ RP3
- 10242.0 J28: (HH-60J #6028 CGAS Cape Cod): 2047 USB/ALE sounding. 11/17 RP3
- 10242.0 LNT: (Camslant): 0059 USB/ALE TO J23 (HH-60J #6023 ATC Mobile). J23 at 1545 USB/ALE sounding on 13907.0. At 2049 on 08912.0 in ALE & voice radio checks w/Camslant. 11/17 RP3
- 10242.0 M70: (ICE BEECH C-12C #N72470): 0458 USB/ALE sounding. 11/17 RP3
- 10242.0 OPB: (OPBAT Service Center, Nassau, Bahamas): 1959 USB/ALE TO J40 (HH-60J #6040 CGAS Clearwater). At 2106 40C reports to Panther that they are airborne from Bravo 6 w/5 POBs. 23nov04 (RP)
- 10242.0 TSC: (CBP Service Center): 1323 USB/ALE TO CS5 (COTHEN Remote=Wilmington, NC). Also noted in voice testing. 1dec04 (RP)
- 10242.0 X51: (US Army UH-60L tail # 94-26551 2-3rd AVN, Hunter AAF Savannah GA): 1428 USB/ALE TO OPB (OPBAT Service Center, Nassau, Bahamas). 23nov04 (RP)
- 10255.0 Link 11: 2111 USB (30/NOV/04) (JLM)
- 10272.0 CGGN: (HQs, Venezuelan National Guard): 0500 USB/ALE TO CUFAN1 (unidentified sub-element of Unified Command of National Armed Forces). 12/10 RP3
- 10272.0 CGGN: (HQs, Venezuelan National Guard): 0507 USB/ALE TO MIRA1 (Command Element at Presidential Palace (Palacio de

- Miraflores). 12/10 RP3
- 10272.0 CLC23M: (Local Communications Center, 23rd Special Operations & Security Bde-Mobile): 1247 USB/ALE TO CRC2M (Regional Communications Center, 2nd Military Region-Mobile). Also noted on 10600.0. 11/18 RP3
- 10272.0 CLC23M: Local Communications Center-Mobile, 23rd Venezuelan Army Special Operations Bde). 2146 USB/ALE TO CRC2M (Regional Communications Center-Mobile, 2nd Military Region. Also noted on 09052.0 & 10600.0. 11/29 RP3
- 10275.0 TA7158: US Army 7-158th Aviation Battalion, Ft. Hood, TX: 2058 USB ALE (01/DEC/04) (JLM)
- 10285 POL: Unid 1500 CW vvv kaw kaw de pol pol pol msg (rptd) nr 49 kkk nr 49 kkk ck 85 ck 85 = = = a57du dt5d4 t53aa 64u55 3d34n ... 653au dd6ut ta43a ar ar t znn znn gni va va i. (24Nov04) (IB)
- 10295 2004: Italian Carabinieri Net 1956 ALE/LSB Calls 2005 [AMD] "DIAL4". (07Dec04) (RGA)
- 10295.0 2009: UNID Corpo Carabinieri station, I? 0958 LSB/MIL-STD 188-141A, c/ing. 2008, no response (12Nov04) (LDO)
- 10302.0 -: Military Tactical net in progress, very weak here 0130z May 22,2004 USB (SN)
- 10310.6 FREGATES: UNID Thales/French Navy station, F 1024 USB/MIL-STD 188-141A, tfc. to "AVISOS" (10Nov04) (LDO)
- 10315.0 ---: Unid 1152 FSK 40.5/500 possible 81-81 (24/11/04) (AJP)
- 10331.7 : MFA Cairo 1920 FEC Twwwq twwq (rptd) (Khartoum SELCAL?) ky ky ky ky ky and offair. Freq 10331.68. (14Dec04) (AD)
- 10340 4XZ: ISR-Navy Haifa, ISR 1200 USB/VFT/4x 75Bd PSK, 1x unmodulated pilot at +672Hz, sending broadcast tfc. (05Dec04) (LDO)
- 10340.0 4XZ: ISR-Navy Haifa, ISR 1200 USB/VFT/4x 75Bd PSK, 1x unmodulated pilot at +672Hz, sending broadcast tfc. (05Dec04) (LDO)
- 10389.5 204DVA: & 950DVA, Department of Veterans Affairs stations KNA204 (HQ Washington D.C.) & KJN950 (Martinsburg, WV), respectively: 1432 USB ALE 23nov04 (JLM)
- 10424.0 485FEMAUX: FEMA auxiliary station WGY9485: 1505 USB ALE. Also on 11448.0 USB ALE at 1659 (01/DEC/04) (JLM)
- 10442.0 AFHQ: 0825z AFHQ: Moscow? FSK/50/1000 Idle 7dec04 (S)
- 10464.3 EURI: Algerian Customs Algiers ALG 1450 PACTOR 100Bd/200Bd, msgs in French to Illizi, stations transmitting on 10466 kHz LSB (12Dec04) (LDO)
- 10464.3 EURI: Algerian Customs Algiers ALG 1450 PACTOR 100Bd/200Bd, msgs in French to Illizi, stations transmitting on 10466 kHz LSB (12Dec04) (LDO)
- 10493.0 LA6: (Louisiana State EOC, Baton Rouge LA): 1944 USB/ALE TO FC6 (Communications Manager, FEMA Region 6, Denton TX). 11/12 RP3
- 10493.0 WGY908: FEMA Denver, CO: 1508 LSB voice check-ins for NECN exercise (01/DEC/04) (JLM)
- 10509.6 AVISOS: UNID Thales/French Navy station, F 1031 USB/MIL-STD 188-141A, tfc. to "FREGATES" (10Nov04) (LDO)
- 10509.6 FREGATES: UNID Thales/French Navy station, F 1031 USB/MIL-STD 188-141A, tfc. to "AVISOS" (10Nov04) (LDO)
- 10511.5 : Dep. of State Comms Moscow, RUS 0945 PSK + MFSK, switching between 25-tone parallel tone PSK-modem and 32-tone/40Bd MFSK, offline crypto after 11177 90017 etc. (11Dec04) (LDO)
- 10511.5 no-call: Dep. of State Comms Moscow, RUS 0945 PSK + MFSK, switching between 25-tone parallel tone PSK-modem and 32-tone/40Bd MFSK, offline crypto after 11177 90017 etc. (11Dec04) (LDO)
- 10536.0 cfh: 1920z CFH: Halifax Meteo CAN FAX 120/576 "cart du temp"5dec04 (S)
- 10536.0 CFH: canf halifax 1241 FAX pressure chart with metoc

Label Dec11 04 ML

10536.0 CFH: CF HALIFAX 1107 FAX//120/576/N/800 Schedule.
Slow fading (28/Nov)(DW)

10541 PHPZ: Russian Military 2315 CW Duplex. Very active
from 2200-0100; 5FG & 5LGs. phpz phpz qtc ar. phpz phpz phpz
116 34 5 0201 116 bt zba 184 179 929 387 639 370 026 955 bt
05020 32835 ... 916xx 05029 k. (04Nov04) (AB2)

10546 ELEFANTE: MOD Roma, I 1020 USB/FSK-1200Bd/IRS-mode,
traffic to unlocated station, QSX not found (04Dec04) (LDO)

10546.0 ELEFANTE: MOD Roma, I 1020 USB/FSK-1200Bd/IRS- mode,
traffic to unlocated station, QSX not found (04Dec04) (LDO)

10555.0 axi: 2055z AXI 34: Darwin Meteo AUS FAX/120/576
meteo map

10555.3 VMW: wiluna Met 1915 FAX/120/576 end of what looked
a clean chart. (19/Nov/04) (RH2)

10588.0 FC8FEM: (Communications Manager, FEMA Region 8,
Denver CO): 1548 USB/ALE TO ND8FEM (North Dakota State EOC,
Bismark ND). Also noted on 12216.0 & 14776.0. 11/24 RP3

10588.0 WGY908: FEMA Denver, CO & WGY957, FEMA Lincoln, NE:
1636 USB ALE/voice. ALE calls FC8FEM(WGY908) & NE7FEM
(WGY957) (23/NOV/04) (JLM)

10600.0 CLC23M: (Local Communications Center, 23rd special
Operations Bde, Venezuelan Army): 1131 USB/ALE TO CRC2M
(Regional Communications Center, 2nd Military region. Also
noted on 09052.0. 11/29 RP3

10600.0 CORE7: (Commander, 7th National Guard Region): 1120
USB/ALE TO CGGN (HQs, National Guard). 12/10 RP3

10600.0 CORE7: (Commander, Venezuelan National Guard Region
7): 0320 USB/ALE TO CGGN (HQs, Venezuelan National Guard).
11/26 RP3

10600.0 CRC2M: (Regional Communications Center, 2nd Military
Region-Mobile):1233 USB/ALE TO CLC24M ((Local Communications
Center, 24th Inf Bde-Mobile).=11/18 RP3

10610.8 Moscow Meteo: 1434z Moscow Meteo FAX 120/576 polar
region's map 8dec04 (S)

10611 : Moscow Meteo 1521 FAX/120/576 Meteo infos.
(08Dec04) (WC)

10626.0 RFFXL: ff naqoura 1246 ARQ-E 184 Dec11 04 ML

10648.0 E10: Mossad Numbers Station 1619 USB 5LGs. //7918//
(25-Nov-04)

10650.0 BOLIVAR: (Replenishment Oiler " Ciudad Bolivar"
T-81): 1045 LSB/ALE TO CLEMENTE (Venezuelan Coast Guard
Frigate, "Almirante Clemente", GC-11). Also noted on 08825.0
LSB. 12/10 RP3

10650.0 MORAN: (Venezuelan Coast Guard Frigate " General
Jose Trinidad Moran" GC-12): 2118 LSB/ALE TO LIBERTAD ((Fast
Attack Craft "Libertad", PC-14). Also on 13139.0 LSB.
12/06 RP3

10670.5 860PS: (86th Med Coy, VTNG, Burlington VT): 1701
USB/ALE sounding. Also sounding on 08171.5 & 09295.0.
12/10 RP3

10674.0 650059: Unid prob US Mil, 1200 ALE/USB. (14/Nov/2004) (MR)

10677.5 650069: Unid prob US Mil, 1850 ALE/USB to 650009. =
(14/Nov/2004) (MR)

10712.0 Russian Navy: 2123 T600/36-50 Idle at 36 bd
(07/11/04) (AJP)

10712.0 unid: 1347 unid mode 50bds Dec11 04 ML

10713.0 Unid: 1510z unid probable BEE 36-50 50/250
8dec04 (S)

10720.5 Razor 66: (E-8 JSTARS, Robins AFB GA): 1708 USB
calling Strike Star w/no response. 12/07 RP3

10733.6 KEH34TOC: UNID US embassy, 1355 USB/MIL-STD
188-141A, calling "@?@" [=global allcall] but no response on
this channel (12Nov04) (LDO)

10792 : UNID North African MIL net, ALG? 0750 USB,
scrambled voice tfc using HC-265 scrambler in HF-mode, 300Bd
FSK with tactical msg traffic and 300Bd FSK @+2200Hz for
link management (04Dec04) (LDO)

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10792.0 no-call: UNID North African MIL net, ALG? 0750 USB, scrambled voice tfc using HC-265 scrambler in HF-mode, 300Bd FSK with tactical msg traffic and 300Bd FSK @+2200Hz for link management (04Dec04) (LDO)

10793.6 : UNID North African network, ALG? 0805 SIEMENS CHP-200 system 250Bd/170Hz, FH and non-FH mode (04Dec04) (LDO)

10793.6 no-call: UNID North African network, ALG? 0805 SIEMENS CHP-200 system 250Bd/170Hz, FH and non-FH mode (04Dec04) (LDO)

10810 TAD: MFA Ankara, TUR 1233 USB/Rohde & Schwarz GM856 modem 240Bd/720bps 8-FSK burst mode (04Dec04) (LDO)

10810.0 TAD: MFA Ankara, TUR 1233 USB/Rohde & Schwarz GM856 modem 240Bd/720bps 8-FSK burst mode (04Dec04) (LDO)

10816.5 K040YN: (Nat'l Guard, Kentucky): 1637 USB/ALE TO A060RN (Nat'l Guard Arkansas). 12/01 RP3

10819.0 JTA: 1709 USB ALE (23/NOV/04) (JLM)

10822.0 4XML: CW / BFR7 BFR7 BFR7 de 4XML 4XML V (11/Dec/2004) (Attu Bosch)

10869.2 RFVI: 1750z RFVI: France Force ?? ARQ-E3/100/400 15dec04 (S)

10869.2 rfvi: 2108z RFVI: France Force ARQ342/100/400 idle

10869.2 Unid: 2109 ARQ-E3 100/400 Posible FF Le Port (07/11/04) (AJP)

10871.7 "U": rus navy unid (Odessa?) 1041 cw beacon 04Dez04 (wp3)

10871.9 "S": rus navy Archangelsk 1041 cw beacon 04Dez04 (wp3)

10872 D: MX Beacon Odessa 0638 CW was ID as U. //8495 13528 16332. (10Dec04) (WC)

10872 S: MX Beacon Arkhangelsk 1052 CW //20049. (15Dec04) (WC)

10872 S: MX Beacon Arkhangelsk CW 1049 //5154 13528 16332 20049. (20Nov04) (WC)

10872 U: Unid MX Beacon 1057 CW A new (?) marker : " U ", or is it the contrary of " D " ??? (01Dec04) (WC)

10875.5 Unid: Argentinean truckers 2110 USB SS North of Argentina (07/11/04)(AJP)

10889.7 Unid: Argentinean truckers 2118 USB SS (07/11/04) (AJP)

10910.0 Unid: Brazilian truckers 2112 USB PP South of Brazil (07/11/04) (AJP)

10919.6 Unid: Brazilian truckers 2116 USB PP (07/11/04) (AJP)

10993.6 CG Sector Key West: 2145 USB w/S1X (CG aircraft on law enforcementpatrol) in ANDVT & clear radio checks. 11/24 RP3

11010.0 ZLO29: RNZN Irirangi 0732 BR6028 7VFT (6-Dec-04) (JUM)

11033.0 CODRU763: Ukrainian Mil, 1810 ALE/USB to FMP. (14/Nov/2004) =(MR)

11045.0 UNID: stations in encrypted mode. Sounded like voice privacy mode like the FAA used in the past: 1427 USB voice(01/DEC/04) (JLM)

11073.5 ME1: (FBI, Memphis TN): 1414 USB/ALE TO AT1 (FBI, Atlanta GA). Also=20noted on 07778.5; 07903.5; 09183.5; 10913.5; & 11073.5. 11/19 RP3 =20

11087 GYA: RN Northwood 1640 FAX 120/576 Clean Atlantic chart. (07/Dec/04) (RH2)

11087 GYA: RN Northwood 1918 FAX/120/576Clear wind chart N Europe. (19/Nov/04) (RH2)

11087 P6Z: MFA Paris 0800 STANAG Can't decode - ID a guess. (03/Dec/04) (RH2)

11106.0 120: UNID Spanish Guardia Civil node, E 1659 USB/MIL-STD 188-141A, wkng. TWBA [=Barcelona] (11Nov04) (LDO)

11108.0 FC6: (Communications Manager, FEMA Region 6, Denton TX): 1405 USB/ALE TO AR6 (Arkansas State EOC, Little Rock AR). 11/24 RP30

11108.0 FC6: (Communications Manager, FEMA Region 6, Denton TX): 1645 USB/ALE TO NM6 (New Mexico State EOC, Albuquerque NM). 11/24 RP3

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11108.0 FR5FEM: (FEMA Region 5, Battle Creek MI): 1528 USB/ALE sounding. Also sounding on 09462.0; 10194.0; & 15708.0. 11/24 RP3

11156.5 O/M (Portuguese): 0018 USB w/unheard station. 12/02 RP3

11158.0 Unid: USB LINK4 75/850 17:37 21.11.2004 (MAL)

11160.0 italian forces: 0918 ITA2?/75/ uos encr Nov20 04 ML

11168.6 CRO: & PLA, USAF Croughton & Lajes: 1823 USB ALE calling DOS (Department of State) station KEH34. Also active on DOS frequencies 10733.6 & 13503.6 (25/NOV/04) (JLM)

11168.6 PLA: (Lajes AB): 0036 USB/ALE sounding. NOTE: New freq for USAF ALE. 11/24 RP3

11168.6 PLA: (Lajes, AB): 0104 USB/ALE sounding. 12/12 RP3

11168.6 PLA: (USAF, Lajes AB): 1508 USB/ALE sounding. Also sounding on 06902.6; 10733.6; 13503.6; 16283.6; & 20810.6. 11/26 RP3

11175 Even 99: C-130 2352 USB Calling any radio for a radio check no joy. (30Nov04) (CC)

11175 Navy LL97: P-3 2339 USB Calls Offutt AFB for p/p to DSN 942-3030 never heard the conversation p/p terminated. USB 2339 (30Nov04) (CC)

11175 Reach 039: C-5 self id 2333 USB Calls USAF Offutt AFB NE for p/p to Norfolk was calling on 6739 told to QSY to

11175 then a p/p to Norfolk Metro for weather at Norfolk for inbound at 0300z. (30Nov04) (CC)

11175.0 ACCURACY: 2113z (fair w/QSB here) calling MAINSAIL and raising OFFUTT (Good here) to request a phone patch 11dec04 (JK)

11181 JDGSPR: US SIPRINet Stn Diego Garcia 1810 ALE/USB Sounding. (07Dec04) (RGA)

11193.0 unid: usb / (11/Dec/2004) (Anonymous)

11196.0 NOJ: USCG COMSTA Kodiak AK): 1357 USB/ALE sounding. 11/29 RP3

11196.0 STP: (unidentified, possible USCG): 0140 USB/ALE sounding. 11/27 RP3

11196.0 STP: Unid USCG 2141 Mil-STD 188-141A/USB sounding and calling ATU: Unid. Also on 13221.0, 15082.0, and 17988.0. (27-Nov-04) (JUM)

11199.0 ADWNPR: (Non-Secure Internet Protocol Net, Andrews AFB node): 1823 USB/ALE sounding. 11/29 RP3

11200.0 O/M (SS): 2126 USB w/O/M (SS). 11/26 RP3

11203.5 1011: Unid, 1955 ALE/USB to 1945. Also 1111, 1114, 1116, 1117, 1201, 1203, 1303, 1901, 2011, 3301, 5002, 5005, 5101, 7011 on freq. (14/Nov/2004) (MR)

11205 SMASHER: Unid. wkg REACH 959 1942 USB In clear comms, having difficulty hearing each other, SMASHER moves REACH to 15025 at 1944z where both are heard. REACH 959 is trying to contact unknown base and does not have number. (08Dec04) (BC2)

11205.0 Smasher: (Southcom Flight watch facility, Key West FL): 1431 USB w/Evergreen 352 (AMC contract aircraft-not heard). Smasher will forward undisclosed information to their destination, Guayaquil, Ecuador. 12/02 RP3

11226.0 AFR474:1600 AFR474 selcal HP-LM F-GSQB B777 30/11 (PP1)

11226.0 ICZ: USAF Sigonella Naval Air Station 0303 USB/ALE calling KEH34 US Department of State (16-dec-2004)(MM)

11226.0 usaf /CUW: 1615 USB d/x personal talk Dec03 04 ML

11232.0 canf: 0932 USB & selcal / work CANF44__ :airbus cc-150 polaris Nov2004 ML

11232.0 Canforce 85: 1455 USB w/unidentified Canforce aircraft discussing flight plans and how to adjust arrival times at Thule, Greenland. 12/16 RP3

11232.0 Halifax Military: 2042 USB/Sentry 61 (E-3B AWACS front end, Tinker AFB) in pp w/callsign 66. In pp Dragnet Victor (E-3B Back End) asks 66 if Atlantic City (119th FS, NJ ANG) had advised them that their activity had been cancelled. 12/13 RP3

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- 11232.0 Halifax Military: 2222 USB w/Pathfinder 20 (CP-140A, CFB Greenwood) w/wx for Greenwood & Halifax. At 2309 Halifax Military w/Pathfinder 20 closing out radio watch. 11/30 RP3
- 11232.0 Trenton Military: (not heard): 1840 USB w/Razor 66 (E-8 JSTARS, Robins AFB GA) in pp w/Peachtree Ops (Robins AFB-not heard). Razor 66 passes formatted report info. 12/14 RP3
- 11232.0 Trenton Military: (very weak): 2121 USB w/Razor 33 (not heard-E-8 JSTARS, Robins AFB GA) in pp w/Peachtree Ops (Robins AFB-very weak) concerning an undisclosed maintenance issue. 12/13 RP3
- 11232.0 Trenton Military: 0020 USB w/Scout 17 (sounds like) in pp w/Altus=Metro for arrival wx. 11/30 RP3
- 11232.0 Trenton Military: 1439 USB w/Bandsaw Kilo (E-3B AWACS, Tinker AFB) in radio checks. 12/16 RP3
- 11232.0 Trenton Military: 1647 USB w/Chalice Foxtrot 11/30 RP3
- 11232.0 Trenton Military: 1704 USB w/Razor 66 (E-8 JSTARS, Robins AFB GA): in pp w/Strike Star (E-8 JSTARS, Robins AFB GA). Razor 66 advises Strikestar that they are airborne in the orbit area and are trying to contact Strike Star on 10720.5 & 327.7 MHz. 12/07 RP3
- 11232.0 Trenton Military: 1835 USB w/Goliath Alfa (E-3B AWACS Tinker AFB): in pp w/DSN 791-XXXX Sentry Ops requesting callsigns for F-16 Red & Blue air sections. Sentry Ops advises Goliath that Mako 11-14 (FL ANG) and Mako 31-34 (FL ANG) are the Red & Blue air units. Also long discussion about squawk codes, how to declare bogies & hostiles, and vectoring tactics to be used. 12/07 RP3
- 11232.0 Trenton Military: 2000 USB w/Sentry 05 (E-3B AWACS) in pp w/Raymond 24 (Tinker AFB). 11/23 RP3
- 11232.0 Trenton Military: 2004 USB w/Canforce 2635 (id as CC-130) in pp to DSN 271-XXXX (Offutt Ops) confirming details of arrival at Offutt. 11/23 RP3
- 11232.0 Trenton Military: 2010 USB w/Canforce 551C (very weak) in pp w/Winnepeg Ops. 11/26 RP3
- 11232.0 Trenton Military: 2031 USB w/Canforce 4484 (weak). 11/26 RP3
- 11232.0 Trenton Military: 2130 USB w/King 31 (USAF HC-130, Moody AFB GA) in=pp w/Angel Ops. King 31 reports they are "safe" at the time and that they are=also Mocassin Alfa 2. King 31 also in pp w/Moody Metro for arrival wx. 11/19=RP3
- 11232.0 Trenton Military: 2207 USB w/Canforce 2640 w/wx for Trenton & Ottawa.12/09 RP3
- 11232.0 Trenton Military: 2309 USB w/unheard Canforce aircraft w/wx for Rankin Inlet & Yellowknife, Northwest Territories. 12/15 RP3
- 11244.0 Offutt: 0516 USB w/broadcast of EAM preamble (WKMKMD) for "Cedar". 12/02 RP3
- 11244.0 usaf / AFI: mcclellan 1618 USB eam Dec03 04 ML
- 11248.3 CNTD: Cent. Nat. d. transm. d. Douanes Algiers, ALG 0922 PACTOR-I 100Bd/200Bd, msgs in French to Illizi, stations transmitting on 11250 kHz LSB (05Dec04) (LDO)
- 11249.0 O/M (JJ): 2056 USB w/O/M (JJ). 12/07 RP3
- 11252.0 NMN: (Camslant Chesapeake): 2055 FEC/CW markers. Harmonic activity. 12/07 RP3
- 11263.0 O/M (EE): 2057 USB w/unheard station. Speaker has heavy US southern accent. Probably fisherman based on "salty" language. 12/07 RP3
- 11279.0 Gander (MWARA NAT-D): 1653 USB w/Air Portugal 103 (not heard) w/position report. 12/03 RP3
- 11300.0 atc afi-3 kharthoum: & cairo 0943 USB ee work unid flight Nov13 04 ML
- 11300.0 Tripoli ATC: 1519 Tripoli w/unid flight "call again at Kufra " 30/11(PP1)
- 11309.0 AMX002: 1550 Aeromexico 002 w/Sta Maria stating ETA Mexico 0145 30/11 (PP1)
- 11336.0 HB-IHQ: 1602 selcal LS-CF from HB-IHQ VCN Global express 30/11 (PP1)

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11336.0 IBE6703: 1640 Iberia 6703 w/Sta Maria pos rpt
30/11 (PP1)

11336.0 LDI197: 1611 Lauda Italy calling Shanwick for pos
rpt 30/11(PP1)

11363.0 easyops london: 1020 USB / easyJet LDOC based at
Luton airport (EGGW) (03/Dec/2004) (Bob Biggart)

11363.0 easyops london: 1150 USB / easyJet LDOC based at
Luton airport (EGGW) (01/Dec/2004) (Bob Biggart)

11387.0 Sydney Volmet: 1530 very loud rx w/wx Townville,
Adelaide etc..30/11(PP1)

11387.0 Sydney: 1100 USB w/automated voice wx. 11/29 RP3

11387.0 Sydney: 1431 USB w/automated voice volmet. 11/27 RP3

11387.0 Sydney: 1704 USB w/automated voice volmet. 12/07 RP3

11396.0 New York (MWARA CAR-A): 1650 USB w/Ryan 602
w/position report and selcal check (HJ-DQ). 12/03 RP3

11396.0 RCH223Y: 1708 Reach223Y w/New York Aero selcal
KQES (at least 2 options,KC135) usb 11/12 (PP1)

11396.0 Ujung: 1540 Ujung ATC w/unid flight 30/11 (PP1)

11397.0 Asunci: =C3=B3n R Paraguay 1840 USB SS Asunci=C3=B3n
ACC w/unid a/c requesting Asuncion WX (14/11/04) (AJP)

11452.0 PE1: (Brazilian Army, Pernambuco): 2133 USB/ALE TO
CE1 (Brazilian Army, Ceara). 11/22 RP3

11494.0 F35: (HU-25 #2135 CGAS Corpus Christi): 0009 USB/ALE
sounding. At 1523 on 20890.0 Camslant w/F35 in USB/ALE and
voice. F35 (very weak) passes position of 2649N/7920W.

11494.0 I54: (ICE CESSNA 550 #N1254X, based in Florida):
1833 USB/ALE sounding. 11/17 RP3

11494.0 PAC: (CamsPac): 0110 USB/ALE TO 703 (HC-130H #1703,
CGAS Barbers Point). 11/17 RP3

11494.0 PAC: (CamsPac): 1902 USB/ALE TO 716 (HC-130H #1716,
CGAS Sacramento). At 1932 1716 (not heard in voice) in
USB/ALE & voice on 15867.0 w/CamsPac w/position report.
11/17 RP3

11494.0 PAC: (CamsPac): 2155 USB/ALE TO 709 (HC-130H #1709,
CGAS Kodiak). 23nov04 (RP)

11494.0 PNR400: (OPBAT base, Georgetown, Bahamas): 1317
USB/ALE sounding.23nov04 (RP)

11504.5 SCHOOLMASTER: & BATSWING: 2135 USB ALE.
Frequencies: 6939.5 9053.0 11504.5 17411.5 18411.5
(04/DEC/04) (JLM)

11630.0 KRUQNG: (North Carolina ARNG, Rowan County Airport,
Salisbury, NC): 1554 USB/ALE sounding. Also sounding on
06911.5 & 10680.0. 11/27 RP3

11637.0 DEFAULT: (unidentified FAA station): 1702 USB/ALE
sounding. 12/15 RP3

11637.0 FAAZJX: (Jacksonville ARTCC): 1911 USB/ALE sounding.
Also sounding on 15851.0. 11/23 RP3

11637.0 FAAZJX: (Jacksonville ARTCC): 2031 USB/ALE sounding.
Also sounding on 07611.0 & 15851.0 11/22 RP3

11637.0 FAAZMP: (Minneapolis ARTCC): 0021 USB/ALE sounding.
Also sounding on 05860.0; 07611.0 & 15851.0.
11/23 RP30

11637.0 FAAZMP: (Minneapolis ARTCC): 1427 USB/ALE sounding.
Also sounding on=2015851.0. Also sounding on 07611.0.
11/19 RP3

11637.0 FAAZMP: (Minneapolis ARTCC): 1953 USB/ALE sounding.
Also sounding on 15851.0. 12/13 RP3

11637.0 FAAZMP: (Minneapolis ARTCC): 2022 USB/ALE sounding.
Also sounding on 07611.0 & 15851.0. 12/01 RP3

11903.0 1202: Unid, 1400 ALE/USB to 1216. (10/Nov/2004) (MR)

12029.4 PWR-44: BN Rio Grande do Sul 1738 RTTY 100/850
sending wx info to"LOAQ" (Argentine submarine ARA Santa
Cruz) (30/11/04) (AJP)

12070.0 G323: (unidentified unit, Corps of Engineers): 2142
USB/ALE sounding. 11/22 RP3

12070.0 MVD1: (Corps of Engineers, Mississippi Valley
Division, Vicksburg MS): 2145 USB/ALE sounding.
11/22 RP3

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12087.0 K040YN: (Nat'l Guard, Kentucky): 1640 USB/ALE TO A100KN Nat'l Guard, Alaska). 12/01 RP3

12087.0 M0700N: (Nat'l Guard, Missouri): 1316 USB/ALE TO HQ701N (Nat'l Guard HQs, Arlington VA). 11/30 RP30

12122.0 G323: (unidentified, Corps of Engineers): 1307 USB/ALE sounding. 12/14 RP3

12133.5 ---: QTH? 1450z Feb 13, 2004 "USB American Forces Network" ID at1455z (SN)

12136.7 RFFPA: 2116z RFFPA: FF N'Djamena ARQ-E3 200/400 beta 5dec04 (S)

12168.0 86OPS: (86th Medical Coy, VTNG, Burlington VT): 1623 USB/ALE sounding. Also sounding on 08171.5 & 09295.0. NOTE: Thanks to Larry Van Horn for the correct id as VTNG and not MANG as I had posted this weekend. 11/30 RP3

12170.0 KBNWNG: IA NG, at Boone Municipal Airport, IA: 1428 USB ALE (24/NOV/04) (JLM)

12178.0 unid: mil gn?? 0902 81-81 Nov20 04 ML

12216.0 FC6: (Communications Manager, FEMA Region 6, Denton TX): 1449 USB/ALE TO KS7FMA (Kansas State EOC, Kansas City KS). Also noted on 10194.0; 14885.0. 11/24 RP3

12216.0 FR5FEM: (FEMA Region 5, Battle Creek MI): 1528 USB/ALE sounding. 11/21 RP3

12216.0 LA6: (Louisiana State EOC, Baton Rouge): 1528 USB/ALE TO FC6 (Communications Manager, FEMA Region 6, Denton TX). Also noted on 10588.0. 11/24 RP3

12216.0 WGY901: FEMA Maynard, MA & WGY912, FEMA Berryville, VA: 1526 USB voice/data (23/NOV/04) (JLM)

12355.5 SLO: Prob Slovak Mil, 1625 ALE/USB to IRA. (10/Nov/2004) (MR)

12384.5 Unid: Japanese Fisheries 0119 8FSK Time Diversity Modem 200/2000.(23-Nov-04) (JUM)

12390.0 GYA: 2123z GYA: Northwood Meteo FAX 120/576 5dec04 (S)

12420.5 IAR7: Rome Radio, Italy 0115 CW wkg Ships. (25Nov04) (CC)

12437.0 NDCCMM: (Brazilian Navy Large landing ship, "Mattoso Maia", G-28): 1051 USB/ALE TO ERMBEL (Brazilian Navy Radio Station, Belem). 12/14 RP3

12480.0 PC16: (Constitution-class Missile craft, "Victoria", PC-16): 1835 LSB/ALE TO DCCOP (Naval Operations Directorate). Also noted on 17380.0. 12/09 RP3

12537.0 PC13: Venezuelan Navy 2235 ALE/LSB Clg to DCCOP (10/11/04) (AJP)

12577 3FT07: Panamanian-flagged vessel Caribbean Star 1413 GMDSS RQs LyngbyRadio/OXZ for safety check. (21Nov04) (RGA)

12577 3FZJ4: Panamanian-flagged vessel Rhapsody 1436 GMDSS RQs RCC Bremen/DAN for safety check. (21Nov04) (RGA)

12577 9HDF7: Maltese-flagged vessel Baltic Stream 1657 GMDSS RQs CAMSLANT/NMN for a safety check (15Dec04) (RGA)

12577 9HEQ7: Maltese-flagged vessel Apollonia 1522 GMDSS RQs Lyngby/OXZ for safety test. Then tries OlympiRadio/SVO Athens then MSRC Kochi India then Haifa/4XO then MaputoRadio/C9L Mozambique. (21Nov04) (RGA)

12577 9VAU7: Singaporean Ship Lowlands Nello 1354 GMDSS RQs MadridRadio/ECA6 for safety check. (21Nov04) (RGA)

12577 : MRCC Charleville/Wiluna AUS 1516 GMDSS BQs Norwegian Ship Spar Capella/LASP5 safety check. (15Dec04) (RGA)

12577 BONT: PRC Ship Fou Shou Hai 1409 GMDSS Successful safety test with LyngbyRadio/OXZ. (21Nov04) (RGA)

12577 EAZT: Spanish Ship Donbate 1550 GMDSS RQs LyngbyRadio/OXZ for a safety check. (15Dec04) (RGA)

12577 ECA6: MadridRadio 1437 GMDSS BQs Swiss vessel Claudia/HBEC safety test. (21Nov04) (RGA)

12577 ELIU2: Liberian-flagged vessel Transporter 1558 GMDSS RQs FinisterreRadio/EAF for safety test. (15Dec04) (RGA)

12577 EMLV: Ukrainian Vessel Volgo-Don 4 1406 GMDSS Successful safety test with Lyngby Radio/OXZ.

- (21Nov04) (RGA)
 12577 H3YN: Panamanian-flagged Vessel Hellas Fos 1701
 GMDSS RQs MRCC Tenerife/Las Palmas/EAT for safety test.
 (03Dec04) (RGA)
 12577 H9DU: Panamanian-flagged Vessel Silver Sapphire Inc
 1532 GMDSS RQs OlympiaRadio Athens/SVO for safety check.
 (21Nov04) (RGA)
 12577 HP8520: Panamanian-flagged Vessel Turicia 1640 GMDSS
 RQs LyngbyRadio/OXZ for a safety check. (15Dec04) (RGA)
 12577 J8B2205: St Vincent-flagged Vessel Novo Australia
 1506 GMDSS Successfully RQs Lyngby Radio/OXZ for safety
 check. (21Nov04) (RGA)
 12577 OXZ: LyngbyRadio 1508 GMDSS Advises Singaporean Ship
 Cougar Ace/9VKE 'UNABLE TO COMPLY TELECOMMAND: UNABLE TO USE
 PROPOSED MODE'. (21Nov04) (RGA)
 12577 TCRU: Turkish Ship Atasoylar 1343 GMDSS RQs
 IstanbulRadio/TAH for safety check without response after
 several attempts. Then successful with LyngbyRadio/OXZ.
 (21Nov04) (RGA)
 12577 UBLG: Russian Ship Bogsan-2 1558 GMDSS RQs sister
 ship Bagsan-1/UBGE for simplex telephone call on 12350 khz.
 (21Nov04) (RGA)
 12577 USCT: Ukranian Ship Ivan Kudrya 1344 GMDSS RQs
 LyngbyRadio/OXZ for safety check. (21Nov04) (RGA)
 12577 V7DB8: Marshall Is-flagged Vessel Marne 1551 GMDSS
 RQs MRCC Madrid/ECA6 for safety check. Madrid BQs.
 (21Nov04) (RGA)
 12577 V7GN5: Marshall Islands-flagged Vessel Pacoda 1528
 GMDSS RQs CapeRadio/ZSC for safety check. (15Dec04) (RGA)
 12577 VRWS4: PRC Vessel Chekiang 1550 GMDSS RQs MRCC
 Charleville/wiluna AUS for a safety check. MRCC BQs.
 (15Dec04) (RGA)
 12577.0 111660320: unid ship 1324 GMDSS calling USCG
 Communications Area Master Station Atlantic, Chesapeake
 VA/NMN for safety purpose (11-dec-2004)(MSM)
 12577.0 247010200: unid ship 1008 GMDSS calling Lyngby Radio
 for safety purpose (11-dec-2004)(MSM)
 12577.0 267280000: unid slovakian ship 1338 GMDSS calling HM
 Coastguard, HUMBER MRSC for safety purpose
 (11-dec-2004)(MSM)
 12577.0 304010988: unid: Ship reg.in. Antigua and Barbuda
 1026 GMDSS calling Jeddah Radio safety purpose
 (11-dec-2004)(MSM)
 12577.0 3EEB5: panamese ship CORAL HIGHWAY GMDSS calling
 Lyngby Radio for safety purpose (11-dec-2004)(MSM)
 12577.0 3FDY4: panamese ship C EMERALD 1245 GMDSS calling
 Alexandria Radio for J3E telephone routine RX/TX:12377.0
 (11-dec-2004)(MSM)
 12577.0 3FKH8: panamese ship SPRING PEACOCK 1459 GMDSS
 calling S. John's Coast Guard Radio for safety purpose
 (11-dec-2004)(MSM)
 12577.0 3FND9: panamese ship CASSIOPEIA LEADER 1725 GMDSS
 calling Terna Radio Ghana for safety purpose
 (11-dec-2004)(MSM)
 12577.0 3FOF9: panamese ship PROBO EMU calling MRCC
 Australia Charleville wiluna Coast station for safety
 purpose (11-dec-2004)(MSM)
 12577.0 445633000: unid N.Korean ship 1155 GMDSS calling
 Malaga Radio for safety purpose (11-dec-2004)(MSM)
 12577.0 636011951 : unid ship reg., in Liberia 1024 calling
 LANZAROTE Radio for safety purpose (11-dec-2004)(MSM)
 12577.0 9HFK6:maaltese ship MSC ARABIA calling Istanbul
 Radio for safety purpose (11-dec-2004)(MSM)
 12577.0 9HXP4: maltese ship TYCHY 0943 GMDSS calling Lyngby
 Radio for safety purpose (11-dec-2004)(MSM)
 12577.0 C6KZ6: bahamese ship Maya 0807 GMDSS calling Lyngby
 Radio for safety purpose (11-dec-2004)(MSM)
 12577.0 C6YW: bahamese ship CORAL SEA 1124 GMDSS calling

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C6YY bahamese ship BEARING SEA RX/TX:12359.0
(11-dec-2004)(MSM)

12577.0 ELUW8: liberian ship EURO SPIRIT 1450 GMDSS calling
Istanbul Radio for J3E telephone routine

12577.0 ELYG8: DJANET Ship reg. in Liberia 1231 GMDSS
calling Lyngby Radio for safety purpose
(11-dec-2004)(MSM)

12577.0 H8WG: panamese ship SHIMANAMI SUNSHINE 0922 GMDSS
calling Lyngby Radio for safety purpose
(11-dec-2004)(MSM)

12577.0 Istanbul Radio: 0946 GMDSS calling unid lebenese
coast station 004501000 for safety purpose
(11-dec-2004)(MSM)

12577.0 KRLZ: US Ship SEALAND ATLANTIC 1431 GMDSS calling
itself(?) for routine J3E (11-dec-2004)(MSM)

12577.0 LASS4: norwegian ship SIBOEVA 1303 GMDSS calling
USCG Communications Area Master Station Atlantic, remotely
keying transmitters at Miami/NMA for safety purpose
(11-dec-2004)(MSM)

12577.0 LAZ05: norwegian ship CLIPPER SKY GMDSS calling
Lyngby Radio for safety purpose (11-dec-2004)(MSM)

12577.0 MCLQ4: british ship M/T BALTIC CHALLENGER 1004 GMDSS
calling Lyngby Radio for safety purpose (11-dec-2004)(MSM)

12577.0 P3DQ7: Ship JAROSLAV HASEK with ship pos. NE Lat
44'12''N Lon 031'20''E (11-dec-2004)(MSM)

12577.0 P3GT7: Cyprus reg ship PASCHALIS D GMDSS calling
Malaga Radio for safety purpose (11-dec-2004)(MSM)

12577.0 SXNR: greek ship MANDELO calling Lyngby Radio for
safety purpose (11-dec-2004)(MSM)

12577.0 TCCU9: turkish ship ULUC KA calling Lyngby Radio for
safety purpose (11-dec-2004)(MSM)

12577.0 TCCW9: turkish ship SAFIYE ANA calling Lyngby Radio
for safety purpose (11-dec-2004)(MSM)

12577.0 UGTF: russian ship VIKTOR TARATIN 1229 GMDSS
calling Lyngby Radio for safety purpose
(11-dec-2004)(MSM)

12577.0 unid: 636009712 Ship reg.in Liberia 0809 GMDSS
calling Cape Town for safety purpose
(11-dec-2004)(MSM)

12577.0 unid: bahamese ship 311418000 0847 GMDSS calling
Lyngby Radio for safety purpose (11-dec-2004)(MSM)

12577.0 unid: Russian Ship 273414900 0807 GMDSS calling
Lyngby Radio for safety purpose (11-dec-2004)(MSM)

12577.0 USXH: ukrainian ship IVAN PROKHOROV GMDSS calling
ukrainian ship UTEQ for J3E telephone routine RX/TX:12353.0
(11-dec-2004)(MSM)

12577.0 V7DP9: Marshall Isl. reg ship FAITHFUL 0822 GMDSS
calling Lyngby Radio for routine J3E purpose
(11-dec-2004)(MSM)

12577.0 VRWX9: chinese ship HAPPY CLIPPER 1240 GMDSS
calling Constanta Radio safety purpose
(11-dec-2004)(MSM)

12577.0 XUBF9: Cambodia reg. ship MED GLORY 0828 GMDSS
calling Lyngby Radio for safety purpose
(11-dec-2004)(MSM)

12579 NMC/NMO USCG Pt Reyes 0825 FEC Admin details.
(26/Nov/04) (RH2)

12579 NRV: Navpac Pearl Harbour 1945 FEC Navwngs S Indian
Ocean. (19/Nov/04) (RH2)

12579.0 NRV: US Coast Guard Guam 1512 FEC w/list of telex
commands and tropical cyclone warnings. Remotely keyed from
NMC: CAMSPAC. (25-Nov-04) (JUM)

12585.0 NRV: US Coast Guard Guam 1508 Sitor-A 100/170 w/cw
idle marker. (25-Nov-04) (JUM)

12606.0 UIW: kaliningrad 1400 FEC traffic list in which
kruzenstern...Nov2004 ML

12606.0 UIW: kaliningrad 1403 ARQ russ pers message to UDKS
kapitan edemskiyNov20 04 ML

12606.0 UIW: kaliningrad 1406 ARQ work UAUI petr shafranov ?
Dec11 04 ML

12638 FEO10: Unid 0728 ALE/USB Calls ELER55. (25-11-2004) (IB)

12638 FEO10: Unid 0735 ALE/USB Calls ROT. (25-11-2004) (IB)

12650.0 T68MED: US Mil, 1655 ALE/USB to R23..., also c/s's
on freq: DH26, PIRATE and TFWING. (17/Nov/2004) (MR)

12660.0 SUCRE1: (Frigate "Mariscal Sucre" F-21): 1907
LSB/ALE TO ORION (probable garble for Frigate "Brion",
F-22). Also noted on 12220.0 LSB; 14759.0 LSB; 14911.0 LSB &
17080.0 LSB. 12/06 RP30

12691.0 Fux: 2212z FUX: FAF Le Port, Reunion ita2/75/850
"RYRYRYRYRYRY de FUX..." 23nov04 (SA)

12710.7 PWZ: BN Rio 0630 RTTY/75/850 Coastal wx/PP
(27/Nov/04) (RH2)

12710.7 PWZ: BN Rio 1921 RTTY/75/850 wx/EE. (09/Dec/04) (RH2)

12730.0 UHS: murmansk 1411 CW Nov20 04 ML

12745.5 JJC: kyodo news center 1423 FAX good qual paper
Nov11 04 ML

12750 NMF: USCG Boston 1932 FAX/120/576 s'face anal clean.
(19/Nov/04) (RH2)

12750.0 NMF: uscg boston 1413 FAX schedule Dec11 04 ML

12769 NRV: USCG Guam 0625 FEC Indian Ocean wx. (09/Dec/04) (RH2)

12789.9 NMG: USCG New Orleans 0241 FAX 120 Sea levels and
winds (26/11/04)(AJP)

12823.5 CTP: Portuguese Navy Oeiras/Palhais 1219 RTTY/75/850
Idling on CQs to NAWs. // 16986. (03Dec04) (RGA)

12824.9 GYU: RN Broadcast System Gibraltar 1220 RTTY/75/850
CARBs 08a 12a. (03Dec04) (RGA)

12840 BOMONCLOV: Mexican or Venezuelan Army 1913 USB Calls
SALTILLO. Also seen PCTANQUE, 6ZM. (07Dec04) (BC2)

12840 PCBERMEJILLO: Mexican or Venezuelan Army 1735 USB
Calls SALTILLO. (07Dec04) (BC2)

12840 SALTILLO: Mexican or Venezuelan Army 1739 USB calls
6ZMOVIL who responds. (07Dec04) (BC2)

12843.0 HLO: Seoul Radio 1506 CW marker. (25-Nov-04) (JUM)

12857.0 6WW: 2156z 6WW/RFTJE: FF Dakar ITA2/75/850 "de
6ww" 5dec04 (S)

12916.5 HLF: Seoul Radio 0038 CW marker. (23-Nov-04) (JUM)

12923.0 HLW2: Seoul Radio 1505 CW marker. (25-Nov-04) (JUM)

12934.0 HLG: Seoul Radio 0039 CW marker. (23-Nov-04) (JUM)

12943.5 9MG: Globe wireless Pinang 0036 GlobeData.
(23-Nov-04) (JUM)

12969.0 XSV: Tianjin Radio 0030 CW marker. (23-Nov-04) (JUM)

12973.0 XSQ: Guangzhou Radio 0033 CW weather. (23-Nov-04) (JUM)

13031.2 FUF: 2200z FUF: Fort de France ITA2/75/850
5dec04 (S)

13089.0 NMN: 2206z NMN: Portsmouth? USB Voice in EE "monday 6
..."5dec04 (S)

13100.0 unid: / pirate? 1419 USB port Dec11 04 ML

13139.0 BOLIVAR: (Sail Training Ship "Simon Bolivar",
BE-11): 1926 LSB/ALE TO BRION (Frigate "Almirante Brion",
F-22). Also noted on 19098.0 LSB12/06 RP3

13139.0 MORAN: (Venezuelan Coast Guard Frigate "General
Jose Trinidad Moran" GC-12): 2112 USB/ALE TO CONSTITUCION
(Fast Attack Craft, "Constatacion", PC-11). 12/06 RP3

13139.0 SUCRE: (Frigate "Mariscal Sucre", F-21, Venezuelan
Navy): 0839 LSB/ALE TO EPGLG (Coast Guard Station, La Guaira
(Estacion Principale de Guardacostas). Also noted on 08825.0 LSB.
12/10 RP30

13152.0 WLO: mobile 1600 USB weak y1 wx Dec03 04 ML

13155 FULLBACK: EAMS 2040 USB MCB6ND was last one sent.
(07Dec04) (BC2)

13200.0 PNR400: (OPBAT Service Center, Georgetown Bahamas):
2313 USB/ALE sounding. 12/16 RP3

13215 JNR: US GHFS Stn Puerto Rico 1708 ALE/USB JNR
HAW/Ascension and IKF/Keflavik sound. (07Dec04) (RGA)

13215 OFF: US GHFS Stn Offutt AFB NE 1705 ALE/USB Sounds.
PLA/Lajes also sounding. (15Dec04) (RGA)

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13215.0 623519: (KC-135 # 62-3519): 1643 USB/ALE TO MMC
(McClellan AFB). 12/02 RP3

13215.0 JDG: (Diego Garcia): 1648 USB/ALE TO 221107 (C-17 #
02-1107). 12/02 RP3

13221.0 NOJ: (COMSTA Kodiak AK): 0133 USB/ALE TO 711 (HC-130
1711, CGAS Sacramento). Also noted on 08980.0 & 11196.0.
11/27 RP30]

13221.0 NOJ: (USCG COMSTA Kodiak, Kodiak AK): 0042 USB/ALE
sounding. 12/12 RP3

13221.0 NOJ: USCG COMSTA Kodiak 0031 Mil-std 188-141A/USB
wkg 711: HC-130H7 #1711. (28-Nov-04) (JUM)

13224.0 RS1: (Brazilian Army, Rio grande do Sul): 2134
USB/ALE sounding. 11/30 RP3

13224.0 SA1: (possibly HQs, Brazilian SAR Area 1 (Belem):
2138 USB/ALE sounding. 12/15 RP3

13231.0 Unid: Argentinean truckers 2038 LSB SS On South
Brazil (07/11/04)(AJP)

13242.0 SHARES BBS: 1624 PACTOR (24/NOV/04) (JLM)

13257.0 Trenton Military: 1426 USB w/Canforce 1502 (not
heard) w/wx for Iqaluit; Goose Bay; and Kangerlussag,
Greenland. 12/01

13264.0 Shannon: 1446 USB w/volmet. 11/27 RP3

13264.0 Shannon: 1618 USB w/volmet. 12/03 RP3

13282.0 Auckland volmet: 0820 USB, 5 mns info about local
FIR conditions and forecast followed by "auckland volmet
out" 06/12 (PP1)

13285.0 easyops London: 1320 USB / easyJet LDOC based at
Luton airport (EGGW) (03/Dec/2004) (Bob Biggart)

13291.0 Gander (MWARA NAT-F): 1652 USB w/Delta 73 in
position report. 12/03 RP3

13291.0 Gander: (MWARA NAT-F): 1312 USB w/German Air Force
452 (not heard) confirming they are not allowed higher due
to traffic. 11/29 RP3

13303 A7-ACE: Qatar Airways A330 1422 HFDL At 5015N
01240E. (21Nov04) (RGA)

13303 CN-RNY: Royal Air Maroc A321 Flt AT0962 1800 HFDL At
3322N 00735W (15Dec04) (RGA)

13303 CN-RNY: Royal Air Maroc A321 Flt RAM733 1341 HFDL At
3709N 00337W. (21Nov04) (RGA)

13303 I-LIVA: Livingstone A321 Flt LVG975 1847 HFDL At
4507N 01022E. (07Dec04) (RGA)

13303 N309UP: UPS B767 Flt UP6807 1338 HFDL Signs on to
ARINC Las Palmas. (21Nov04) (RGA)

13303 N320UP: UPS B767 Flt UP6727 1707 HFDL Signs on to
ARINC Las Palmas. (03Dec04) (RGA)

13303 N322UP: UPS B767 Flt UP6741 1723 HFDL Sends msg to
ARINC Las Palmas "151720 15PHL EMA EGPK 2000000".
(15Dec04) (RGA)

13303 N59053: Continental B767 1712 HFDL Signs on to ARINC
Las Palmas. (07Dec04) (RGA)

13303 N675NW: Northwest B747 1708 HFDL Signs on to ARINC
Las Palmas. (03Dec04) (RGA)

13303 OH-LBV: Finnair B757 1713 HFDL Acks msg from ground:
"A9Z<STX>/HELATXA.TI2/EFHK ARR ATIS M 1648Z D-ATIS NOT IN
OPERATIONAL USE EXP ILS APCH RWY 22L BC 81. 83. 84. RWY IS
WET ON TWYS AND APRONS BA GOOD. TRL 55 WIND 260 DEG 10 KT
VIS 10KM FEW 800 FT. BKN 1000 FT. BKN 1300 FT."
(07Dec04) (RGA)

13303 ZS-SNA: S.African Airways A340 1920 HFDL Signs on.
(07Dec04) (RGA)

13306.0 Santa Maria (MWARA NAT-A): 1702 w/unidentified aircraft in
position report and selcal check (BJ-PR).
12/03 RP3

13339.0 Aero Mexico Dispatch: (O/M SS): 2152 usn w/unidentified Aero
Mexico flight (O/M SS). Caught at sign
off. 12/13 RP3

13374.0 M08: Cuba 1800z July 5, 2004 CW s/on with "MADRD
NUTWD DAIGD" .1803, K sent 3 times and into 5f groups. (SN)

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13390 : Russian Military 1229 81-81/40.5/500 Cipher.
Regulars. Working with either 13490 or 13985.
(03Dec04) (RGA)

13390.0 OBIED: UNJLC Sudan 2208 Mil-std 188-141A/USB
sounding call. (17-Nov-04) (JUM)

13444 RFQP: FN Jibouti 0945 ARQ-E3/100/400 CdV on DJI cct.
(08/Dec/04) (RH2)

13457.0 FAAZOA: (Oakland ARTCC): 1608 USB/ALE sounding. Also
sounding on 15851.0. 12/15 RP3

13457.0 FAAZOA: (Oakland ARTCC): 1928 USB/ALE sounding. Also
on 15851.0. 12/13 RP3

13457.0 KCP 63: (FAA Longmont CO): 1730 USB conducting check
ins on FAA Western Region Net. 12/15 RP3

13457.0 KMR96: KBQ25 calling KCP63, FAA stations: 1737 USB
voice. Net meets the first & third Wednesday of each month
around 12:30 ET (01/DEC/04) (JLM)

13500.0 61B: (LST "Capana", T-61): 1242 USB/ALE TO BNA
(Venezuelan Naval Base="Amario"). 11/18 RP3

13500.0 BNG: (Venezuelan Naval Base "Guitierrez"): 1255
USB/ALE TO BNF=20(Venezuelan Naval Base "Falcon"). Also
noted on 19200.0. 11/18 RP30=20=

13500.0 CGA: (HQs, Venezuelan Navy): 1252 USB/ALE TO PR1
(River Patrol Craft="Lago1" PBR-1). Also noted on 09190.0.
11/18 RP3

13500.0 F24: (Frigate "General Soublette", F-24): 1820
USB/ALE TO 61B (LST "Capana", T-61). Also noted on 19200.0.
12/06 RP3

13500.0 F24: (Frigate "General Soublette", F-24): 1913
USB/ALE TO DCCOP (Naval Operations & Control Directorate).
12/06 RP3

13500.0 G11: (Venezuelan Coast Guard Frigate, "Almirante
Clemente", GC-11): 1921 USB/ALE TO BNA (Naval Base
"Amario"). 12/06 RP3

13500.0 PR1: (Largo-class patrol craft, PBR-1, Venezuelan
Navy): 0154 USB/ALE TO BNG (Naval Base "Guitierrez"). Also
noted on 09190.0. 12/02 RP3

13500.0 PR1: (River Patrol Craft "Lago1" PBR-1): 1921
USB/ALE TO BNA (Naval Base "Amario"). 12/06 RP3

13500.0 T81: (Replenishment Oiler "Ciudad Bolivar"): 1241
USB/ALE TO BNA =20(Venezuelan Naval Base "Amario").
11/18 RP3

13503.6 ICZ: (Sigonella AB): 1536 USB/ALE sounding 12/14 RP3

13503.6 KWK93: (US Department of State): 1821 USB/ALE TO
KWK96 (US Department of State). 11/26 RP3

13503.6 KWK95: (US Department of State): 1412 USB/ALE TO
KWK96 (US Department of State). Also noted on 16283.6.
11/26 RP3

13503.6 KWL92: (US Department of State): 1501 USB/ALE TO
KWL95 (US Department of State). 12/16 RP3

13503.6 PLA: (Lajes AB): 1956 USB/ALE TO KEH34 (US
Department of State). Also noted on 08058.6; 10733.6;
11168.6; 13503.6; 16283.6; 12/16 RP3

13503.6 PLA: (USAF, Lajes AB): 1621 USB/ALE TO KEH34
(unidentified, probable Dept of State). Also noted on
16283.6 & 29810.6. 11/26 RP3

13503.6 WNG746: (US Department of State): 1815 USB/ALE TO
KWK96 (US Department of State). 12/16 RP30

13510 CFH: CF Halifax/1910 FAX/120/576 V clear wx chart.
(19/Nov/04) (RH2)

13510 CFH: CF Halifax/1937 RTTY/75/850 Aero wx.
(19/Nov/04) (RH2)

13528 M: MX Beacon Magadan 0828 CW (16Dec04) (WC)

13530.0 1501: (Colombian telephone net): 2214 LSB/ALE TO
1901(Colombian telephone net)--[AMD]DIAL0785634350 .
11/29 RP30

13530.0 1901: (Colombian telephone net): 1230 LSB/ALE TO
1501(Colombian telephone net). 11/29 RP3

13534.0 ---: Unid 1201 FSK 81.10/250 Possible

81-81(24/11/04) (AJP)
13538 ZSJ: SAN/SAWS Silvermine 0630 FAX/120/576 Upper air & 6-day prog - FUXX. //7508. (28/Nov/04) (RH2)
13563.0 Unid: USB 195,3 Bd 4 tones British Mil 16:03 21/11/2004 (MAL)
13567.0 LSD836: Argentina Radio 2320 USB SS (QSX14703.0) Family pp. AntarcticBases and Patagonian farms. (24/11/04) (AJP)
13833.5 9107: Unid, 1635 ALE/USB to 9108. Also station working on =English. (14/Nov/2004) (MR)
13855.0 OLZ84: Czech Emb., 1625 ALE/USB. (14/Nov/2004) (MR)
13886.3 Unid: Moscow Meteo 0605 FAX/120/576 S'face anal - clear. (06/Dec/04) (RH2)
13900.0 BMF: Taipei Meteo 0135 FAX 120/576 w/sat pic. (17-Nov-04) (JUM)
13907.0 716: (HC-130H #1716, CGAS Sacramento): 1752 USB/ALE sounding. At 2157 on 13907.0 in USB/ALE TO PAC (CamsPac) and in voice w/position report (??49N/10431W). 23nov04 (RP)
13907.0 COE: (possibly US Army Corps of Engineers): 1325 USB/ALE TO TSC (CBP=Service Center).1dec04 (RP)
13907.0 J19: (HH-60J #6019 CGAS Clearwater): 1324 USB/ALE sounding. 23nov04 (RP)
13907.0 T85: (ICE PIPER PA-42-720R #N9085U, Jacksonville, FL AMB): 2113 USB/ALE sounding.11/17 RP3
13907.0 T9A: (ICE aircraft): 1433 USB/ALE sounding. 23nov04 (RP)
13907.0 WST: (ICE Regional Communications Node (West): 0030 USB/ALE TO I76 (ICE CESSNA 550 #N6776T, San Diego AMB, CA). I76 also noted on contact w/TSC (ICE Technical Service Center) & CNT (ICE Regional Communications Node (Central). 11/17 RP3
13907.0 WST: (ICE Regional Communications Node (West): 2004 USB/ALE TO I31 (ICE CESSNA 550 #N2531K, San Diego AMB). 11/17 RP3
13907.0 X61: (USA UH-60L prob tail #94-26561 2-3rd AVN, Hunter AAF, Savannah)=0029 USB/ALE TO OPB (OPBAT) then in voice X61 passes encoded position report=from checkpoint w11.1dec04 (RP)
13925.5 MVD1: (Corps of Engineers, Mississippi Valley Division, Vicksburg MS): 1327 USB/ALE TO MVD (Corps of Engineers, Mississippi Valley Division HQs???). 12/14 RP3
13927.0 AFA2XW: (Air Force MARS): 2135 USB w/Reach 7031 in pp w/Buckeye Ops w/arrival info. Also in morale pp. 12/01 RP3
13927.0 AGA2PA: Patrick AFB) 2015z USB wkg KING 19 (C-130), phone patch. (ALS) (3/Dec/2004)
13940.0 VCT: Tors Cove, Canada 1540z Feb 13, 2004 Pips and ARQ idle (SN)
13942.0 PR1: (Brazilian Army, Parana): 2239 USB/ALE TO BR1(Brazilian Army=HQs, Brasilia). 11/18 RP3
13942.0 RJ1: (Brazilian Army, Rio de Janeiro): 2226 USB/ALE TO BR1(Brazilian=Army HQs, Brasilia). 11/18 RP3
13943.7 BR1: 1125 BR1 w/ AM1, PTA0, QGEX and RJ1= 21nov04 (AJP)
13956.0 WGY908: FEMA Denver, CO: 1419 LSB voice taking NECN check-ins (01/DEC/04) (JLM)
13978.0 RDITA; (unidentified, probable Brazilian Air Force): 2052 USB/ALE sounding. 12/02 RP3
13978.0 RDMAN: (unidentified, possibly Manaus, Brazil): 1944 USB/ALE sounding. 12/02 RP30
13978.0 RDSGC: (unidentified, probable Brazilian Air Force): 2047 USB/ALE sounding. 12/02 RP3
13978.0 SFAMN: (Brazilian Air Force Rescue, Manaus): 2103 USB/ALE sounding.=11/18 RP3
13978.0 SFAMN: (Brazilian Rescue Coordination Center (RCC), Manaus): 2056 USB/ALE sounding. 12/02 RP3
14290.0 CODRU763: Ukrainian Mil, 1510 ALE/USB to FMP. (14/Nov/2004) (MR)

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14312.0 Unid: PRC 0500 4+4 LSB idle. (26-Nov-04) (JUM)
14384 : Russian Military 1233 RUS-75/75/250 Cipher.
(03Dec04) (RGA)
14396.5 AFA3HY: (Air Force MARS Net Control-Shawnee Kansas):
1738 USB w/SHARES Net check-ins:Mobile-Florida); KDM52
(Tenn). 11/17 RP3
14396.5 KCR873: USDA Boise, ID: 1643 USB voice SHARES net
check-in.(24/NOV/04) (JLM)
14403.2 LTQ6: Argentine Army 1100 CW LTQ6 c1g CQ then
radiocheck w/LTQ inUSB on 14402.5 (06/12/04) (AJP)
14455.0 KHA 908: (NASA Mountain View CA-SHARES West Region
Coordinating Station-Net Control): 1711 USB w/check ins for
SHARES Auxiliary Net. Check ins noted: AAT7WE (Nebraska);
AAT7YS (Iowa); KHA 908 announces that this is a SHARES
training net scheduled every weds from 1600-1800 UTC.
12/15 RP3
14455.0 KHA908: NASA, Ames Research Center, Moffett, Field,
CA & WGY908, FEMA Denver, CO: 1716 USB voice for NCS
frequency evaluation (24/NOV/04) (JLM)
14467.3 DDH8: 0937z DDH8: Hamburg Meteo ITA2/50/460 7dec04 (S)
14467.3 DDH8: DWD weather via Pinneberg GER 1235 RTTY/50/450
Sea weather in EE. (03Dec04) (RGA)
14493.5 NF1: (FBI, Norfolk VA): 2128 USB/ALE TO RH1 (FBI,
Richmond VA). Also=noted on 05058.5; 05388.5; 7778.5;
7903.5; and 09183.5. 11/19 RP3=20
14493.5 SE1: (FBI, Seattle WA): 1703 USB/ALE TO AN1(FBI,
Anchorage AK). Also on 10913.5. 12/07 RP3
14532.0 SE1: (FBI, seattle WA): 1702 USB/ALE TO AN1(FBI,
Anchorage AK). 11/19=RP3=20
14569.0 CLC51: (Local Communications Center, 51st Jungle Inf
Bde): 2058 USB/ALE TO SCLC513 (Local Communications Center,
513th Jungle Inf Bn). Also noted on 12191.0. 12/10 RP3
14582.0 RS1: (Brazilian Army, Rio geande do Sul): 2149
USB/ALE TO BR1(HQs, Brazilian Army, Brasilia). 12/02 RP3
14641.9 006666: UNID station , TUR? 0950 USB/MIL-STD
188-141A/CODAN 80Bd BPSK CHIRP, traffic to 000002, QSX
channel not found (06Nov04) (LDO)
14651.5 LOR: AN Puerto Belgrano 0550 RTTY/75/170 5LG
. (04/Dec/04) (RH2)
14707.0 JPA35: Japanese National Police/Interpol Tokyo 0414
Sitor-A 100/170 5L. (26-Nov-04) (JUM)
14713.0 Unid: Chilean truckers 2245 USB SS On South of Per=
C3=BA (07/11/04) (AJP)
14716 : Russian Military 1241 UNID/50/240 Cipher. Morse
QRJ2 ZQC ZSZ ZOM K. R K. (03Dec04) (RGA)
14750.0 Unid: Chilean truckers 1829 USB SS Mobil 54. North
of Chile.(07/11/04) (AJP)
14761.5 RUH959: (probable UH-60A helo, 1/228th Avn Bn, Soto
Cano AB Honduras): 1747 USB/ALE sounding. Also sounding on
19103.5. 12/03 RP3
14763.0 Unid: Chilean truckers 2320 USB SS (07/11/04) (AJP)
14775.0 Unid: Chilean truckers 1902 USB SS (07/11/04) (AJP)
14776.0 FC8FEM: (Communications Manager, FEMA Region 8,
Denver CO): 1549 USB/ALE sounding. 11/21 RP3
14779.9 : Unid 1244 OMFSK/195.5/600 still around. QSX on
19843.9 kHz. (03Dec04) (RGA)
14780 ERMNAT: Brazilian Naval Radio Natal 1624 ALE/USB
Calls ERMGRD/Naval Radio Rio Grande. (07Dec04) (RGA)
14780.0 ERMRIO: (Brazilian Navy Radio Station, Rio de
Janeiro): 2158 USB/ALE TO FDEFEN (Brazilian Navy Frigate
F-41, "Defensora"). 11/30 RP3
14780.0 ERMRIO: (Brazilian Navy Radio Station, Rio de
Janeiro): 2205 USB/ALE TO NAESPO (Brazilian Navy Aircraft
Carrier, Navio Aerodromo "Sao Paulo" (A-12). 11/29 RP30
14780.0 ERMRIO: (Brazilian Navy Radio Station, Rio de
Janeiro): 2206 USB/ALE TO FTEROI (Brazilian Navy Frigate,
F-40 "Niteroi")--[AMD]DIAL09856. 11/30 RP3
14780.0 ERMRIO: (Brazilian Navy Radio Station, Rio de

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Janeiro): 2213 USB/ALE TO FDEFEN (Brazilian Navy Frigate F-41, "Defensora"). 11/29 RP3

14780.0 NDCCMM: & ERMBEL: 2141 USB ALE/AMD "FAXDATA CK" (23/NOV/04) (JLM)

14780.0 NDDCEA: (Brazilian Navy Dock Landing Ship G-30 "CEAR=C1"): 0039 USB/ALE=TO ERMNAT (Brazilian Navy Radio Station, Natal). 11/30 RP3=20

14780.0 Unid: PRC 0438 4+4 LSB idle. (26-Nov-04) (JUM)

14780.0 XMU: (unidentified, Brazilian Navy): 2150 USB/ALE TO NAE (unidentified, Brazilian Navy). 11/30 RP3

14790.0 001: (unidentified): 1816 LSB/ALE TO LLANOS (LST "Los Llanos" T-64). 12/06 RP3

14790.0 3803: (unidentified, possible Venezuelan Navy): 1937 LSB/ALE TO 1112 (unidentified, possible Venezuelan Navy). Also noted on 13139.0. 12/06 RP3

14790.0 BNARCO: (Commander, Naval Base "Amario"): 1732 LSB/ALE TO SUCRE (Frigate "Mariscal Sucre" F-21). 12/06 RP3

14790.0 BOLIVAR: (Training Ship "Simon Bolivar", BE-11): 1843 LSB/ALE TO SUCRE (Frigate "Mariscal Sucre" F-21). 12/06 RP3

14790.0 GOAJIRA: (LSM "Gojaira", T-63): 1752 LSB/ALE TO CAPANA (LST "Capana", T-61). 12/06 RP3

14790.0 MORAN: (Venezuelan Coast Guard Frigate " General Jose Trinidad Moran" GC-12): 2105 LSB/ALE TO BRION (Frigate "Almirante Brion", F-22). 12/06 RP3

14790.0 PUNTABRAVA: (Oceanographic Support Ship "Punta Brava", BO-11): 2130 LSB/ALE TO BRION (Frigate "Almirante Brion", F-22). 12/06 RP3

14790.0 SOUBLETTE: (Frigate "General Soublette", F-24): 1658 LSB/ALE TO BNARCO (Commander. Naval Base "Amario"). Also noted on 10650.0 LSB12/06 RP3

14790.0 SOUBLETTE: (Frigate "General Soublette", F-24): 1712 LSB/ALE TO BRION (Frigate "Almirante Brion", F-22). Also noted on 19200.0. 12/06 RP3

14790.0 SUCRE: (Frigate "Mariscal Sucre" F-21): 1754 LSB/ALE TO BRION (Frigate "Almirante Brion", F-22). 12/06 RP3

14790.0 SUCRE: (Frigate "Mariscal Sucre", F-21): 1721 LSB/ALE TO LIBERTADOR (Fast Attack Craft "Libertad", PC-14).

14790.0 Unid: Chilean truckers 0031 USB SS (07/11/04) (AJP)

14815.0 Unid: Chilean truckers 2025 USB SS (07/11/04) (AJP)

15016.0 Offutt: : 2214 USB w/EAM (UIXPDR). 11/15 RP3

15016.0 Unid: HF-GCS 0235 USB EE EAM //11175 //11244 //8992 (17/11/04) (AJP)

15024.7 1011: Unid, 1416 ALE/USB. Other c/s's: 1111, 1112, 1203, 1303, 2011, 4947, 4972, 49122, 49124, 8787, 8001, 8002, 39118,..., 9494. (14/Nov/2004) (MR)

15025 AY1905: Finnair B757 1550 HFDL Posn report 4139N 02922E to ARINC Reykjavik. (07Dec04) (RGA)

15025 D-ALCC: Lufthansa Cargo MD11F 1658 HFDL Signs on. (19Nov04) (RGA)

15025 N557TZ: American Transair B757 1718 HFDL Signs on. (19Nov04) (RGA)

15025 ZS-SND: S.African Airways A349 1642 HFDL Signs on to ARINC Reykjavik. (19Nov04) (RGA)

15031.0 Canforce1501: 1610 Canforce 1501 (CC130) calling st Johns, no joy 30/11 (PP1)

15034 GANDER RADIO: VOLMET Service 1246 USB OM with Canadian airfield fcasts. (03Dec04) (RGA)

15040.0 Unid: 1000-1007z, Unid number station. Unid stn w/ ID by YL: "This is Uniform Lima Five... This is USA Lima Five... This is Uniform Lima Five". Abrupt s/off 1007. (AM) (november 7, 2004) (RT)

15043 PLA: HFGCS Stn Lajes AZR 1624 ALE/USB Sounding. (20Nov04) (RGA)

15043.0 100449: (KC-10 # 70-0449): 2010 USB/ALE TO CLSNPR (Non-Secure Internet Protocol NeT, US Army SOC:Fort Campbell, KY node). 12/03 RP3

- 15043.0 HAW: 1028z HAW, UKE, UKE300: USAF MIL-STD 188-141A ALE 7dec04 (S)
- 15082.0 NOJ: (USCG COMSTA Kodiak AK): 0112 USB/ALE sounding. Also sounding on=08980.0. 11/30 RP3 time. 11/29 RP3
- 15090.0 Y/L (SS): 2107 USB w/O/M (SS). 11/15 RP3
- 15094.0 GVT: (Government, probable test/default call): 1526 USB/ALE sounding. 12/11 RP3
- 15094.0 GVT: (US Government Generic identifier): 1527 USB/ALE TO AF5 (C-20C #85-0049, 99th AS, Andrews AFB). 12/08 RP3
- 15851.0 DEFAULT: (FAA test identifier): 2053 USB/ALE sounding. 11/22 RP3
- 15851.0 DEFAULT: (test identifier): 1941 USB/ALE sounding. Also noted on=2011637.0. NOTE: These are known FAA frequencies. 11/19 RP3=20
- 15851.0 FAAZJX: (Jacksonville ARTCC): 1529 USB/ALE sounding. Also sounding on=11637.0. 11/19 RP3
- 15851.0 FAAZJX: (Jacksonville ARTCC): 2037 USB/ALE sounding. Also sounding on 11637.0. 12/13 RP3
- 15851.0 FAAZLC: (Salt Lake City ARTCC): 1504 USB/ALE sounding. 11/19 RP3
- 15851.0 FAAZLC: (Salt Lake City ARTCC): 1652 USB/ALE sounding. 12/15 RP3
- 15851.0 FAAZMP: (Minneapolis ARTCC): 2037 USB/ALE sounding. Also sounding on 07611.0 & 11637.0. 11/22 RP3
- 15867.0 502: (HC-130H #1502, CGAS Elizabeth City): 1552 USB/ALE sounding. 11/17 RP3
- 15867.0 706: (HC-130H #1706, CGAS Clearwater): 1309 USB/ALE TO LNT (Camslant). 11/17 RP3
- 15867.0 CNT: (ICE Regional Communications Node (Central): 1407 USB/ALE TO T9F (ICE Aircraft). 11/17 RP3
- 15867.0 D44: (ICE P-3 AEW&C #N144CS/BuNo 153446, Corpus Christi AMB, TX): 1601 USB/ALE sounding. 11/17 RP3
- 15867.0 D48: (ICE P-3 AEW&C #N148CS/BuNo 154575, Corpus Christi AMB, TX): 1521 USB/ALE sounding. 23nov04 (RP)
- 15867.0 D48: (ICE P-3 AEW&C #N148CS/BuNo 154575, Corpus Christi AMB, TX): 1357 USB/ALE sounding. At 1547 on 23214.0 TO CS6 (ICE Remote transmitter) then in encrypted speech w/unidentified station. 11/17 RP3
- 15867.0 EST: (ICE Regional Communications Node (East): 2234 USB/ALE TO D49 (ICE P-3 AEW&C #N149CS/BuNo 154581, Corpus Christi AMB, TX) then in encrypted speech. 11/17 RP3
- 15867.0 I00: (ICE CESSNA 550 #N1200N): 1843 USB/ALE sounding. 11/17 RP3
- 15867.0 I53: (ICE CESSNA 550 #N753CC): 1820 USB/ALE sounding. 11/17 RP3
- 15867.0 M69: (ICE BEECH C-12C #N7069A, Caribbean AMB): 1403 USB/ALE sounding. 11/17 RP3
- 15867.0 PAC: (CamsPac): 2142 USB/ALE TO J05 (HH-60J #6005 CGAS Astoria) then in voice radio checks. 23nov04 (RP)
- 15867.0 T59: (ICE BEECH A200 #N1559, San Diego AMB): 1833 USB/ALE sounding. 23nov04 (RP)
- 15867.0 WST: (CBP Regional Communications Node (West): 0004 USB/ALE TO I75=(CBP CESSNA 550 #N6775C). ALE followed by encrypted speech. In clear voice Hammer=(Customs Air and Marine Operations Center (AMOC), March AFB, Riverside, CA)=w/75C trying to ascertain if 75C had voice comms with PGR (Procuraduria General=de la Rep=FAblica (Mexican attorney general, PGR) helo. 75C (not heard)=advises Hammer that the King Air and PGR helo had comms. CBP aircraft I3L (CBP=CESSNA 550 #N6763L) also in ALE and also involved in the same operation. The use of=the west communications node and Hammer as controller indicates the operation=is taking place in the southwestern US or northern Mexico. 1dec04 (RP)
- 15932.0 ERMRGD: (Brazilian Navy Radio Station, Rio Grande): 2211 USB/ALE TO=FBOSIS (Brazilian Navy Frigate "Bosisio", F-48). 11/18 RP3=20
- 15932.0 FRADEM: (Brazilian Navy Frigate "Rademaker", F-49):

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- 2123 USB/ALE TO=ERMGRD (Brazilian Navy Radio Station, Rio Grande). Also noted on 17010.0. 11/18=RP3
- 15932.0 FRADEM: (Brazilian Navy Frigate "Rademaker", F-49): 2349 USB/ALE TO ERMGRD (Brazilian Navy Radio Station, Rio Grande). Also noted on 14780.0. 11/27 RP3
- 15953.5 DN1: (FBI, Denver CO): 1440 USB/ALE TO LV1(FBI, Las Vegas NV). Also=20noted on 14458.5; 14493.5; 18666.0 & 19344.5. 11/19 RP3=20
- 16015.0 LAT1: Unid (prob. Latvian net), 1240 ALE/USB to LAT6. =(14/Nov/2004) (MR)
- 16135 KVM70: Honolulu Met 1913 FAX/120/576 Good clean chart. (19/Nov/04) (RH2)
- 16135.0 KVM70: Honolulu Meteo 0331 FAX 120/576 chart. (23-Nov-04) (JUM)
- 16160.0 ETXF: Unid, 1525 ALE/LSB with ETHX, LOGN, FNKJ. (11/Nov/2004) (MR)
- 16201.0 FC6: (Communications Manager, FEMA Region 6, Denton TX): 1300 USB/ALE sounding. Also sounding on 10194.0; 11108.0; 13935.0; 14776.0; & 16201.0. 11/24 RP3
- 16201.0 FC6: (Communications Manager, FEMA Region 6, Denton TX): 1600 USB/ALE sounding. 11/21 RP3
- 16283.6 ICZ: (Sigonella AB, Italy): 1456 USB/ALE sounding. 12/16 RP3
- 16283.6 IKF: (Keflavik AB): 2118 USB/ALE sounding. Also sounding on 13503.6. 12/16 RP3
- 16283.6 IKF: (USAF, Keflavik): 1458 USB/ALE sounding. Also sounding on 11168.6 & 20810.6. 11/26 RP3
- 16283.6 JDG: (USAF Diego Garcia): 1321 USB/ALE sounding. 11/27 RP3
- 16283.6 JDG: (USAF, Diego Garcia): 1522 USB/ALE TO KEH34 (unidentified, probable Dept of State). 11/26 RP3
- 16283.6 PLA: US GHFS Stn Lajes Field AZR 1638 ALE/USB Sounding. GHFS station on US State Department frequency. (15Dec04) (RGA)
- 16326.0 MVD1: (Corps of Engineers, Mississippi Valley Division, Vicksburg MS): 1338 USB/ALE TO G333 (unidentified, Corps of Engineers). 12/14 RP3
- 16332 M: MX Beacon Magadan 0641 CW (10Dec04) (WC)
- 16332 S: MX Beacon Arkhangelsk 0720 CW //16332. (03Dec04) (WC)
- 16332.2 F: SLHFM Vladivostok, Rusia 0159 CW (02/12/04) (AJP)
- 16332.5 M: Magadan, Russia 2323z May 15, 2004 CW "M" marker (SN)
- 16333 : Unid 1250 UNID Either Bulgarian Diplo 8-tone or CLOVER 2000. Too brief to identify. (03Dec04) (RGA)
- 16333.0 RS1: (Brazilian Army, Rio Grande do Sul): 2154 USB/ALE TO BR1 (HQs, Brazilian Army, Brasilia). Also noted on 14582.0. 11/22 RP30
- 16370.0 FAAZJX: (Jacksonville ARTCC): 1656 LSB/ALE sounding. 12/15 RP3
- 16553.5 Unid: Japanese Fisheries 0125 8FSK Time Diversity Modem 200/2000. (23-Nov-04) (JUM)
- 16607.0 BTLCMC1: (Brazilian Marine Special Forces Bn): 2028 USB/ALE TO ERMBEL (Brazilian Navy Radio Station, Belem). 12/02 RP3
- 16607.0 CVINHA: (Brazilian Navy Corvetas V-30 "INHA=DAMA"): 2204 USB/ALE TO=20ERMRI0 (Brazilian Navy Radio Station, Rio de Janeiro). 11/18 RP3
- 16607.0 ERMBEL: (Brazilian Navy Radio Station, Belem): 2109 USB/ALE TO NDCCMM (Brazilian Navy Large landing ship, "Mattoso Maia", G-28). 12/07 RP3
- 16607.0 ERMRI0: (Brazilian Navy Radio Station, Rio de Janeiro): 0049 USB/ALE=TO FDEFEN (Brazilian Navy Frigate F-41, "Defensora"). 11/30 RP3=20
- 16607.0 ERMRI0: (Brazilian Navy Radio Station, Rio de Janeiro): 2155 USB/ALE=TO FRADEM (Brazilian Navy Frigate "Rademaker", F-49). Also noted on 13101.0;and 14780.0. 11/18 RP3
- 16607.0 FGREEN: (Brazilian Navy Frigate F-46 "GREENHALGH"):

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- 0055 USB/ALE TO=20ERMRI0 (Brazilian Navy Radio Station, Rio de Janeiro). Also noted on 10914.5.11/30 RP3
- 16607.0 FGREEN: (Brazilian Navy Frigate F-46 "GREENHALGH"): 1958 USB/ALE sounding. 12/02 RP3
- 16640.0 CYP: GB Mil, 1355 ALE/USB. Any c/s's on freq: PRI, KUW, ANK, HSP, DKL. (14/Nov/2004) (MR)
- 16804.5 CQUQ: Madiera Ship Arteaga 1454 GMDSS RQs Butron/CQZB for simplex telephone call on 16515.8 kHz. (03Dec04) (RGA)
- 16804.5 CRXY: Madiera Ship Lima Chemist 1455 GMDSS RQs Netherlands ship Coastway/PBFF for simplex telephone call on 16510 kHz. (03Dec04) (RGA)
- 16804.5 EQYC: Iranian Ship Iran Davavand 1456 GMDSS RQs LyngbyRadio for safety test. (03Dec04) (RGA)
- 16804.5 SXNS: Greek Ship Maria-L 1458 GMDSS RQs Anangel Ennosis/SXGZ for simplex telephone call on 16433 kHz. (03Dec04) (RGA)
- 16804.5 UIAO: Russian Ship Kapitan Danilkin 1425 GMDSS RQs Buenos Aires Radio/LSD836 for safety test. (03Dec04) (RGA)
- 16804.5 VRZC4: PRC Ship Hebei Princess 1453 GMDSS RQs Tokyo Sea Patrol Radio/JBO for simplex telephone call on 16804.5 ! Then puts out all ships EOS call giving the same frequency. (03Dec04) (RGA)
- 16806.5 NRV: USCG Apra Hbr, Guam 1540 FEC Gale wngs NW Pacific. (27/Nov/04) (RH2)
- 16808 : CIS Navrad 1240 36-50/50/240 (27/Nov/04) (RH2)
- 16831 SVO: olympia R 1546 CW Marker. (27/Nov/04) (RH2)
- 16842.0 Unid: 2033-2050z, Unid Naval Stn Argentina. Instructions to submarines. Mentions of Montevideo, Punta del Este and other sites of Riode la Plata (RTTY 200/850) (november 11, 2004)(RT)
- 16880 XSQ: Guangzhou R 1555 CW Marker. (27/Nov/04) (RH2)
- 16904.5 FUV: FN Jibouti 1554 RTTY/75/850 Test tape. (27/Nov/04) (RH2)
- 16951.5 6ww: FN Dakar Senegal 1300 RTTY/75/850 RY SG test marker. (03Dec04) (RGA)
- 16986 CTP: NATO Lisbon 1724 RTTY/75/850 "NAWS de CTP" etc. (06/Dec/04) (RH2)
- 17010.0 ERMBEL: (Brazilian Navy Radio Station, Belem): 0058 USB/ALE TO NDCCMM=(Brazilian Navy Large landing ship, "Mattoso Maia", G-28)--[AMD]FAXDATA CK.=2011/30 RP3 =20
- 17010.0 ERMBEL: (Brazilian Navy Radio Station, Belem): 2147 USB/ALE TO BTLCMC1(Brazilian Marine Special Forces Bn). 12/08 RP3
- 17016.2 PWR-44: BN Rio Grande do Sul 2217 Sitor 5LG and wx (20/11/04) (AJP)
- 17055.3 GYA: RN Broadcast System 1305 RTTY/75/150 CARBs. In VFT system. (03Dec04) (RGA)
- 17080.0 ALBATROZ (Venezuelan Coast Guard Point-class cutter "Albatroz"): 1958 USB/ALE TO BRION (Frigate, "Almirante Brion", F-22). 12/09 RP3
- 17080.0 CNZACE: (Venezuelan Navy, Central Naval Zone): 1306 LSB/ALE TO CAPANA (Capana-class Medium Landing Ship "Capana", T-61). 12/09 RP3
- 17080.0 DIVIMBO: (Naval Marine Infantry Division): 1935 LSB/ALE TO CGACO (Commander, Venezuelan Navy). 12/09 RP3
- 17147 CBV: Valparaiso R 1855 FAX/120/576 Forecasts then wind chart. (19/Nov/04) (RH2)
- 17215.7 LOR: AN Pto. Belgrano 1737 RTTY 75/170 5LG (03/12/04) (AJP)
- 17224 Unid: Brit Mil Cyprus 0630 MFSK/195.3/300. (09/Dec/04) (RH2)
- 17326.0 -: unid 1515z May 28, 2004 USB YL with long talk, possibly station information, off by 1522 No ID heard (SN)
- 17402.4 VCT: Globe wireless Tor's Cove NF CAN 1329 GLOBEDATA Idling. (03Dec04) (RGA)
- 17411.5 BATSWING: SCHOOLMASTER: 2009 USB ALE. Now makes:9053.0 17411.5 18411.5 (03/DEC/04) (JLM)

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17411.5 FPT: (unidentified): 1555 USB/ALE TO BGD
(unidentified). 12/06 RP3

17411.5 FPT: (unidentified): 1726 USB/ALE TO VCL
(unidentified). 12/06 RP3 JADE (Probably HQs, Mexican Army).
12/05 RP3

17412.0 022NHQCAP: US CAP MAXWELL AFB 1405 MIL.STD 188-141A
ALE on usb. Sounding (08/Dec)(DW)

17446 : Unid Illicit 1335 CW Ends long fast 5FG msg ...
65130 09285 0 0 0 0 0 0. (03Dec04) (RGA)

17459 AAA6TX: MARS Prob Europe 1340 PACTOR/200/170 Either
AAA6TX or AEM1WF. ASCII data. (03Dec04) (RGA)

17460 : CIS Navrad 0556 36-50/50/220. (04/Dec/04) (RH2)

17487.0 AAR6HXMARS: (SHARES Army MARS, Tyler TX): 1510
USB/ALE sounding. Also sounding on 15094.0. 12/01 RP3

17487.0 AGA6NEMARS: (Air Force MARS, Las Vegas NV): 1918
USB/ALE sounding. 12/11 RP3

17487.0 HHS: (Dep't of Health & Human Services, Wash DC):
1809 USB/ALE sounding. 12/11 RP3

17487.0 SHARES BBS: 1637 PACTOR (24/NOV/04) (JLM)

17519.0 FC6: (Communications Manager, FEMA Region 6, Denton
TX): 1531 USB/ALE TO MO7 (Missouri State EOC, Jefferson City
MO). Also noted on 09462.0; 10194.0; 11957.0; 12216.0 &
14776.0. 11/24 RP3

17919.0 Varig LDOC: 2025 USB PP Varig9350 w/ sick passenger
on board (20/11/04) (AJP)

17928 G-VATL: Virgin Atlantic A340 'Miss Kitty' Flt VS0018
1510 HFDL At 5129N 00029W. (21Nov04) (RGA)

17934 N559TZ: American Trans Air 0059 HFDL Signs on to
Arinc Molokai (05/DEC/04) (IDS)

17934 N594NW: Northwest Airlines 0058 HFDL Signs on to
Arinc Molokai (05/DEC/04) (IDS)

17934 N612FE: Federal Express 0124 HFDL Signs on to Arinc
Molokai (05/DEC/04) (IDS)

17934.0 N559TZ: American Trans Air 0059 HFDL Signs on to
Arinc Molokai (05/DEC/04) (IDS)

17934.0 N594NW: Northwest Airlines 0058 HFDL Signs on to
Arinc Molokai (05/DEC/04) (IDS)

17934.0 N612FE: Federal Express 0124 HFDL Signs on to Arinc
Molokai (05/DEC/04) (IDS)

17940.0 Houston Radio: 1645 USB w/flight 123 (identifier
missed- aircraft not heard) who reports departure from San
Jose, Costa Rica with stopover at Guatemala City with destination
of Miami. Houston wanted to know who to relay
info to, Tradewinds or Florida Air. Selcal check (DJ-FM).
12/03 RP3

17940.0 Houston Radio: 1715 USB w/Abex 790 in pp w/Airborne
Express Dispatch w/flight info and arrival ETA for Miami.
12/03 RP3

17940.0 Y/L (SS-Dispatch): 1644 USB w/aircraft (O/M SS).
Probable Iberia LDOC. 12/03 RP3

17976 JNRSPR: US SIPRNet Stn Puerto Rico 1622 ALE/USB
Sounding. (08Dec04) (RGA)

17976.0 ADWSPR: HF-GCS 2133 ALE/USB Andrews sounding. Also
Offutt and Ascencion. (20/11/04) (AJP)

17978.0 M1: Uruguayan Navy 2043 USB SS Familiar PP w/ M6.
Unk QSX Freq. Possible Uruguayan peacekeepers in Haiti
(20/11/04) (AJP)

17982.0 Aircraft 24: (O/M Portuguese) 2048 USB w/Tamoio
(unidentified, Brazilian Air Force) passing coordinates of
apparent SAR search area. 12/02 RP3

17982.0 Aircraft 33: (O/M Portuguese): 2204 USB calling
Manaus (Brazilian Air Force) w/no response. 12/14 RP3

17982.0 Manaus: (Brazilian Air Force-O/M Portuguese): 2125
USB w/aircraft 401 (O/M Portuguese) who reports take off
from undisclosed location. 12/02 RP3

17982.0 RS3: (possibly HQs, SAR Area 3 (Salvador): 1842
USB/ALE sounding. Also noted sounding on 13972.0. 12/02 RP3

18003 ADW: US GHFS Stn Andrews AFB MD 1604 ALE/USB

Sounding. (15Dec04) (RGA)
18003 HAW: Ascension 1703 ALE/USB Clg JNR. (27/Nov/04) (RH2)
18003 HAW: Ascension I 1702 ALE/USB Clg IKF. (27/Nov/04) (RH2)
18003 JDG: Diego Garcia 1716 ALE/USB Sng. (27/Nov/04) (RH2)
18003 PLA: US GHFS Stn Lajes Field AZR 1715 ALE/USB
Sounding. (04Dec04) (RGA)
18003.0 JTF: (Joint Test Facility): 2000 USB/ALE TO JTB
(Joint Test Branch ??). 12/03 RP3
18018.0 Architect: (RAF Flight watch): 1718 USB w/wx for
Larnaca, Cyprus then out. 11/15 RP3
18090.0 ---: Cuban Military 2340 QAM DSB 8 tones (30/11/04) (AJP)
18171.0 ME1: (FBI, Memphis TN): 1926 USB/ALE TO QT2 (FBI,
Quantico VA). Also=noted on 14493.5. 11/19 RP3 =20
18201.7 Egyptian Embassy Pyongyang: DPRK 0401 Sitor-A
100/170 ATU-80. (26-Nov-04) (JUM)
18238 ZSJ: SAN/Afmet Silvermine 0946 RTTY/75/170 wx
forecasts incl Meteo France for Ker/Cro area.
(02/Dec/04) (RH2)
18246.7 AM1: Brazilian Army 1757 Packet 300bd w/BR1
(01/12/04) (AJP)
18250.0 ---: Unid Argentine stn 2224 USB SS family pp unk
QSX (01/12/04) (AJP)
18278.5 Badén: AN 1746 USB SS Coordination for Packet
traffic w/"Abogado".Also "Birrete", and "Bachiller"
(01/12/04) (AJP)
18280.7 Badén: AN 1741 Packet 300bd 5LG to "Abogado"
(01/12/04) (AJP)
18281.5 LOL: AN Buenos Aires 1801 RTTY 100/170 5LG
(01/12/04) (AJP)
18297.0 055: 1030z 055: ???0 MIL-STD 188-141A ALE
7dec04 (S)
18313.0 LTS2: ANTARCTICA SAN MARTIN BASE 1950 USB / Tfc w/
unid argentine stn. OM tks about your readings
(24/Nov/04) (RT4)
18440 : Unid 1915 PAC-2 May be PACTOR-3. The Hoka would
not sync on P-II so it was probably either a variant of P-II
or a P-III trans. The shift acted weird in that it was not
at all constant. Seemed to go from as narrow as 200 Hz up to
350 Hz & back. (14Dec04) (AD)
18493.5 Unid: 1050z unid NATO?OSTANAG 4285/600Long 7dec04 (S)
18513.9 OZU25: 1100z OZU25: Danish MFA Twinplex
F7B1/100/400 7dec04 (S)
18543.5 HQ4: Polish Mil, 1300 ALE/USB to HQ2. (14/Nov/2004) (MR)
18560.0 BMF: Taipei Meteo 0104 FAX 120/576 w/chart.
(26-Nov-04) (JUM)
18571.5 83G: Tunis Diplo 1608 FEC RY's then 5LG after "DLG
de 83G". (02/Dec/04) (RH2)
18594 CSK: US Customs Kodiak AK 2015 ALE/USB In tfc with
718 (Voice call "1718") and TSC ("Service Center"). Attempted
phone patch. 1718 was also noted with CAMSPAC on
this freq and also on 8983 USB voice at 1940-50z, 1718 was
en route Anchorage and may be diverted to Cold Bay.
(09Dec04) (BC2)
18594.0 A97: (ICE UH-60 tail # 79-23297): 2054 USB/ALE
sounding. 11/17 RP3
18594.0 CamsPac Point Reyes): 1800 USB/ALE w/J33 and in voice
w/CG 6033 (HH-60J #6033 CGAS Elizabeth City--very weak)
passing position report. 11/26 RP3
18594.0 F04: (HU-25 #2104 CGAS Miami): 1544 USB/ALE
sounding. 23nov04 (RP)
18594.0 J10: (HH-60J #6010 CGAS San Diego): 2006 USB/ALE TO
PAC (CamsPac). 23nov04 (RP)
18594.0 LNT: (Camslant): 1529 USB/ALE TO 706 (HC-130H #1706,
CGAS Clearwater). 23nov04 (RP)
18594.0 PAC: (CamsPac): 2144 USB/ALE TO J22 (HH-60J #6022
CGAS Astoria).23nov04 (RP)
18594.0 PNR400: US DEA, 1225 ALE/USB. (08/Nov/2004) (MR)
18666.0 DN1: (FBI, Denver CO): 2040 USB/ALE TO LV1(FBI, Las

- Vegas NV). 11/23 RP3
- 18757 P6Z: MFA Paris 1255 FEC-A/192/400 ID/P6Z then ID change to RFGW then 5LG. (07/Dec/04) (RH2)
- 18872.5 CVJACE: (Brazilian Navy Corvette "Jaceguai" v-31): 2155 USB/ALE TO ERMRI0 (Brazilian Navy Radio Station, Rio de Janeiro). 12/08 RP3
- 18872.5 ERMBEL: (Brazilian Navy Radio Station, Belem): 1843 USB/ALE TO NDCCMM (Brazilian Navy Large landing ship, "Mattoso Maia", G-28). This is new freq for Brazilian Navy. Thanks to tip from Mike Chace. Also noted on 14780.0; 16607.0; 17010.0; 22168.0. 12/02 RP3
- 18872.5 ERMBEL: (Brazilian Navy Radio Station, Belem): 2107 USB/ALE TO ERMNAT (Brazilian Navy Radio Station, Natal). Also noted on 17010.0. 12/07 RP3
- 18900.0 FMP: Ukrainian Contingent Al-Kut, IRQ 1443 USB/MIL-STD 188-141Aclng CODRU763 (03Nov04) (LDO)
- 18943.5 Unid: 1744 Piccolo 6 tones VFT Idle at 520hz, traffic at 920hz (19/11/04) (AJP)
- 18944.5 AAT7WE: (Lincoln, Nebraska): 1710 USB w/AAR1FP (very weak). 12/01 RP3
- 18944.6 NCS014: NCS015 National Communications System Auxiliary stations & DLA303, Defense Logistics Agency Bremerton, WA: 1719 USB voice for NCS frequency evaluation (24/NOV/04) (JLM)
- 18944.6 WGY 908: (FEMA Region 8, Denver CO-Net Control): 1725 USB 11/17 RP3
- 19098.0 BOLIVAR: (Sail Training Ship "Simon Bolivar", BE-11): 1938 LSB/ALE TO SUCRE (Frigate "Mariscal Sucre" F-21). Also noted on 09190.0 USB; 12528.5 LSB; 13139.0 LSB. 12/06 RP3
- 19103.5 SKYWAT: (Skywatch, US Army Flight watch, Soto Cano AB Honduras): 1559 USB/ALE sounding. 11/27 RP3
- 19103.5 SKYWAT: (US Army Flight watch, Soto Cano AB Honduras): 1701 USB/ALE sounding. 12/03 RP3
- 19200.0 64B: (LSM "Los Llanos" T-64): 1728 USB/ALE TO BNA (Naval Base "Amario"). 12/06 RP3
- 19200.0 BNA: (Naval Base "Amario"): 1727 USB/ALE TO CGA (HQs, Venezuelan Navy). 12/06 RP3
- 19200.0 BNG: (Naval Base "Guitierrez"): 1852 USB/ALE TO CGA (HQs, Venezuelan Navy). 12/06 RP3
- 19200.0 DHN: (Venezuelan Navy's Direccion de Hidrografia y Navegacion): 1847 USB/ALE TO CGA (HQs, Venezuelan Navy). 12/06 RP3
- 19200.0 T63: (LSM "Goijaira", T-63): 1723 USB/ALE TO F22 (Frigate "Almirante Brion", F-22). 12/06 RP3
- 19200.0 T81: (Replenishment Oiler " Ciudad Bolivar" T-81): 1813 USB/ALE TO CGA)HQs, Venezuelan Navy). 12/06 RP3
- 19415.0 NYALA1: Unid Sudan net, 1245 ALE/USB. Any c/s's on this freq. NYALA3, MADANI, GIBRA, KOSTI, JUBA, FAW1. (10/Nov/2004) (MR)
- 19637.2 P6Z: MFA Paris? 1715 STANAG Can't decode - ID a guess. (06/Dec/04) (RH2)
- 19709.0 ERMSAL: (Brazilian Navy Radio Station, Salvador): 2113 USB/ALE TO FBOSIS (Brazilian Navy Frigate "Bosisio", F-48). 12/07 RP3
- 19709.0. ERMSAL (Brazilian Navy Radio Station, Salvador): 1605 USB/ALE TO FBOSIS (Brazilian Navy Frigate "Bosisio", F-48). 12/03 RP3
- 19814.0 0004WICAP: (Civil Air Patrol, Wisconsin): 1649 USB/ALE sounding. 12/03 RP3
- 19814.0 022NHQCAP: (Civil Air Patrol, Nat'l Ops Center, Maxwell AFB AL): 1621 USB/ALE sounding. 12/03 RP3
- 19910.0 Globe wireless Seoul: 0126 GLOBEData idle. (26-Nov-04) (JUM)
- 19969 FC8FEM: WGY908/US FEMA Region 8 Denver CO 1648 ALE/USB Sounding. (04Dec04) (RGA)
- 19981.7 Unid: 1120z Egyptian Diplo Sitor-A selcall "KKVA" (Lagos) + "yks=...yks" 7dec04 (S)

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20047.9 S: MX Beacon Arkhangel'sk 1357 CW (03Dec04) (RGA)
20048.3 K: Petropavlovsk-Kamchatskiy 0352 CW marker.
(23-Nov-04) (JUM)
20048.4 M: Magadan 0352 CW marker. (23-Nov-04) (JUM)
20258.0 1PF797: FRENCH NAVY ?LOC 0904 MIL.STD 188-141A ALE
on usb. c'ng 1PLFUO. Also 0908 0914 0919 0921 0927. 0905
c'ng 2PLFUO (07/Dec)(DW)
20258.0 1PR97: FRENCH NAVY ?LOC 0809 MIL.STD 188-141A ALE on
usb. c'ng 1PLFUO, also 0811 0830. 0812 c'ng 2PLFUO, also
0826. 0821 c'ng 2JMFUP(?) (07/Dec)(DW)
20258.0 BCT: Pol.Mil Iraq? 1125 USB ALE c'g HQ6 (26/NOV/04) (KK)
20258.0 ENG: UNID 1328 MIL.STD 188-141A ALE on usb. c'ng 2BG
(07/Dec)(DW)
20258.0 HQ4: Pol.Mil Iraq? 1124 USB ALE c'g HQ6 (26/NOV/04) (KK)
20322.0 no-call: Dep. of State Comms Moscow, RUS 0822
MFSK-32/CROWD36 tfc. to UNID embassy on link 10042, offline
crypto not spaced as 5 LGS (06Nov04) (LDO)
20400.0 BNARCO: VEN. Navy 1422 LSB ALE/MIL-188-141A c'g
LOSLANOS Los Llanos (26/NOV/04) (KK)
20400.0 LOSLLANOS: (Venezuelan Navy LST "Los Llanos", T-64):
1700 LSB/ALE TO BNARCO (Commander, Naval Base "Amario").
12/03 RP3
20542.0 JJC: Kyodo News 0413 Fax 60/576 Japanese
Navigational Warnings. (23-Nov-04) (JUM)
20631.0 OFFNPR: (Non-Secure Internet Protocol Routing net,
Offutt AFB node): 1731 USB/ALE TO DL0003DAT (E-3B AWACS #
79-0003. Tinker AFB). Also noted w/McClellan NPR node on
08965.0. 12/07 RP3
20810.6 CRO: (USAF, Croughton UK): 1435 USB/ALE sounding.
Also sounding on 16283.6. 11/26 RP3
20810.6 ICZ: (USAF, Keflavik): 1348 USB/ALE sounding. Also
sounding on 13503.6. 11/27 RP3
20810.6 JDG: (USAF, Diego Garcia): 1505 USB/ALE sounding.
11/26 RP3
20810.6 KWK99: (US Department of State): 1742 USB/ALE TO
KWK96 (US Department of State). Also noted on 13503.6 &
16283.6. 12/16 RP300
20810.6 PLA: (Lajes AB): 1539 USB/ALE sounding. Also
sounding on 11168.6 & 16283.6. 12/14 RP3
20890 504: USCG HC-130H No 1504 CGAS Elizabeth City 1447
ALE/USB Sounding. (08Dec04) (RGA)
20890.0 718: (HC-130H #1718, CGAS Sacramento): 1809 USB/ALE
sounding. 11/17 RP3
20890.0 A44: (ICE UH-60 tail # 79-23344): 1811 USB/ALE
sounding. 11/17 RP3
20890.0 CNT: (ICE Regional Communications Node (Central):
2133 USB/ALE TO D49 (ICE P-3 AEW&C #N149CS/BuNo 154581,
Corpus Christi AMB, TX) then in encrypted voice
w/unidentified station. 23nov04 (RP)
20890.0 I08: (ICE CESSNA 550 #N5408G): 2303 USB/ALE
sounding. 11/17 RP3
20890.0 I31:(ICE CESSNA 550 #N2531K, San Diego AMB, CA):
1552 USB/ALE sounding. 23nov04 (RP)
20890.0 I4J: (ICE CESSNA 550 #N5314J): 1601 USB/ALE
sounding. 11/17 RP3
20890.0 I75: (ICE CESSNA 550 #N6775C): 1700 USB/ALE
sounding. 23nov04 (RP)
20890.0 I76: (ICE CESSNA 550 #N6776T, San Diego AMB, CA):
1950 USB/ALE sounding. 23nov04 (RP)
20890.0 WST: (ICE Regional Communications Node (West): 2037
USB/ALE TO D48 (ICE P-3 AEW&C #N148CS/BuNo 154575, Corpus
Christi AMB, TX). 11/12 RP3
20892.0 Unid: (poss Cuban illicit): 1725 CW w/long 5-figure
group cipher msgs using cut numbers. 12/03 RP3
21866 FC8FEM: WGY908/US FEMA Region 8 Denver CO 1548
ALE/USB Sounding. (04Dec04) (RGA)
21997 3B-NBH: Air Mauritius 2010 HF DL Signs on to Arinc
Santa Cruz (04/DEC/04) (IDS)

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- 21997 HP1372: Copa Panama 1930 1746 UTC Flight ID = CM0320
LAT 143215N LON 0903226W (05/DEC/04) (IDS)
- 21997 N466UP: United Parcel Service 2140 [HFNPDU
PERFORMANCE] 21:40:32 UTC Flight ID = UP6131 LAT 8 24 44 S
LON 68 28 10 W (04/DEC/04) (IDS)
- 21997 ZS-SXB: South African Airways 2047 HF DL/USB Acks msg
fm JNBCMSA (04/DEC/04) (IDS)
- 21997.0 3B-NBH: Air Mauritius 2010 HF DL Signs on to Arinc
Santa Cruz (04/DEC/04) (IDS)
- 21997.0 HP1372: Copa Panam=E1 1930 [HFNPDU PERFORMANCE]
17:46:12 UTC Flight ID =3D CM0320 LAT 14 32 15 N LON 90 32
26 W (05/DEC/04) (IDS)
- 21997.0 N466UP: United Parcel Service 2140 [HFNPDU PERFORMANCE]
21:40:32 UTC Flight ID =3D UP6131 LAT 8 24 44 S
LON 68 28 10 W (04/DEC/04) (IDS)
- 21997.0 ZS-SXB: South African Airways 2047 HF DL/USB Acks msg
fm JNBCMSA (04/DEC/04) (IDS)
- 22245.0 GOAJIRA: (LSM "Goijaira", T-63, Venezuelan Navy):
1343 LSB/ALE TO BRION (Frigate, "Almirante Brion", F-22).
NOTE: New Ven Navy Freq. 12/09 RP3
- 22382.0 NRV: USCG Guam 0457 ARQ Sitor-A 100/170 w/cw idle
marker. (26-Nov-04) (JUM)
- 22413.0 Unid: 1140z unid RUS CIS0 BEE 36-50 50/245 Idle
7dec04 (S)
- 22447.0 FUV: 1430 FUV, French Forces Jibuti USB 25/11 (PP1)
- 22611.5 HLF: Seoul Radio 0430 CW marker (23-Nov-04) (JUM)
- 22735.0 Guangzhou Radio: 0301 USB w/phone patch. (26-Nov-04) (JUM)
- 22864.0 Unid: 1145z CIS Navrad0 BEE 36-50 50/245 crypto
7dec04 (S)
- 23197.8 Unid: 1031-1056z, Uruguayan Army Montevideo.UA Stn
in Montevideo working Bukavu and other military stns from
Peace mission in Congo -Telephonic conferences (USB)
(november 7, 2004)(RT)
- 23214.0 I37: (ICE CESSNA 550 #N6637G): 1534 USB/ALE
sounding. 23nov04 (RP)
- 23214.0 LNT: (Camslant): 1953USB/ALE TO J42 (HH-60J #6042
CGAS Elizabeth City) then in voice radio checks.
23nov04 (RP)
- 23214.0 PAC: (CamsPac Point Reyes): 1753 USB/ALE TO 704
(HC-130H #1704, CGAS Sacramento). CamsPac also in voice
w/1704 (very weak) who passes position report. 23nov04 (RP)
- 23331.2 Probable Honolulu Meteo: 1830 Fax w/poor quality
chart. 12/10 RP3
- 23331.5 KVM70: Honolulu Meteo 1835 FAX 120 IR chart
(20/11/04) (AJP)
- 25350 STINY: Unid US BICE 1534 ALE/USB Sounding. (04Dec04) (RGA)
- 25950 850KOA: Carwash & Other Local Commercials 1630 AM ID
as "850 KOA" (25/11/04) (ALF)
- 27145.2 Unid: 1729 Stanag4285 ? (20/11/04) (AJP)
- 27959.0 Unid: 1825 Possible OTHR 25 and 50 hz. w/ tone
(---) (20/11/04) (AJP)
