

Unid ALE Nets

Revision date: 10 May 2018
© 2010-2018 © Ary Boender &
Utility DXers Forum - UDXF www.udxf.nl
Email: udxf@udxf.nl



There are many, many unid stations on HF sending ALE idents. Especially the 3-figure idents are popular. Many nets are using these. Most of them are unidentified. You will find a roundup of these nets in the second part of this factsheet.

Part I – Various unid nets

Frequencies: 4706, 4727, 5684, 5687, 6685, 6712 kHz USB. All freqs are aero freqs.

Callsigns: TB, RC, MST

Schedules:
TB hh+57 (+/-)
RC hh+11 (+/-)
MST hh+44 (+/-)160

Note: No handshakes noted so far.

Frequencies: 5660 and 6296 kHz USB.

Callsigns: ADO, NAO, SAO, TAO, SP1

Note: This is a unid net first reported by Igor in March 2013.

Frequencies: 5022 5151 5176 5708.2 kHz

Callsigns:
4144
7446 7756
8304 8306 8307 8308

TXZx-net

Frequencies: 5414 7011 8082 8163 9221 11075 11264 14119 14431 16314 kHz USB

Callsigns: TXZ3 TXZ4 TXZ5 TXZ6 YW1 YW2 YW3 YW5 YW6

Possibly located in Australasia

Russian 58xx net

Russian voice traffic has been heard after the ALE calls. Voice id was "Moscow"

Frequencies: 3625 3955 4030 4100 4120 4555 4565 4970 4985 5057 5095 5235 5250 5410 5420 5815 6280 6589
10630 11063 14450 14828 16058 kHz USB

Callsigns: 5800 5810 5820 5830 5840 5850 5860 5870 5880
5882 (logged at least four times on different dates on 5250 and 5410 kHz. Not sure if it is related).

10xx and 20xx net

Frequencies:

4640 6520 6812 7945 8930 9169 9245 10115 10149 10429 11315 14380 kHz

Callsigns:

1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014

100 101 102 103 104 105 106
200 201 202 203 204 205 206

102001 102002 102005 102007 102008 102009
103001 103003 103013
105001
106001 106002 106005

Modes:

ALE/USB and PSK/USB

Frequencies:

6559.1 6672 6757 6868.7 8287.6 10242 10932 11037 14698 kHz

Callsigns:

002 003 004 005 006 007 009 014 18 55
107 111 124 132 134 135 145 168 172
201 203 204 205 206 207 210
301 304 308 326
401 404 407 411 412 413 414 416 450
501 502 503
601 604 605
701 702 703 704 705
1035 1122 1361

Audible between ca. 1600 and 2100 UTC in Western Europe.

The 4F identifiers are part of the net. The following connections were logged:
203 does LQA with "101", "416", "702", "1122", "1361"

Frequencies: 5098, 5101, 5105, 5339, 5776, 5805, 5806, 5893, 7637, 8700, 10201, 10900 kHz

ALE idents: HPL POC VNL ZOC

Iranian net

Frequencies: 7466 8964 9046 10326 11133 11353 12497 14508 15864 16161 16626 17156
17361 18264 19191 kHz USB

Callsigns: 20001 20002 5601 5602

Modes: ALE, 80Bd Codan chirp, Codan 16-tone

Notes: Simplex traffic starts with the words "Login:" and "Password:"

Bearings: Bearings pinpoint the station near Teheran, Iran

AAC3-net

Frequencies: 5838 5898 6867 6909 6990 7450 7956 7689 kHz

ALE idents: AAC3 AAD9 AAG2 AAK1 AAK8 AAL4 AAM6 AAN7 AAV5 AAT1

Replaced by: ABD1 ABF2 ABH3 ABK4 ABS5 ABG6 ABC7

Modes: ALE, Voice and Stanag-4285. All in USB

Notes:

- AAC3 / ABC7 is the NCS for this net.
 - Location: Unknown. Signals were just over the noise floor in W. Europe.
 - This Net is active at Tuesday and Thursday from 0830 UTC till ?? Latest contact logged was 1030 UTC.
 - Most traffic is heard on 5838.0 kHz
 - They are using Stanag-4285 for data transmissions.
 - Voice contact is in English
-

VX17-net

Frequencies: 5077 5797 5823 6989 7759 8099 9150 11101 kHz USB

ALE idents: VX1700N2, VX1700N3, VX1700N5, 09N3

Times: Heard in Western Europe at 1530-1630 and 0600-0700 UTC

SOP-net

Frequencies: 8108.0 7890.5 7889.0 7723.5 7713.5 6898.0 6866.5 6859.8 6725.5 6617.0 6571.5 6550.0 6522.0

Modes: So far no Handshake, Data and Voice noted on this Net.

ALE idents: HOP, HO4, HO5, SOP

Unid presumed Afghan net

We call this unid net "presumed Afghan net" but in the mean time we learned to know that it probably does not originate in Aghanistan but in another country in the area.

Frequencies:

5006 5303 7525 7758 8041 8045 8048 8051 8060 8063 8066 8072 8108 8069 8057 9034 kHz USB

ALE idents:

01 1 4 6 07 33 34 35 46 48 55 65 70 77

Uzbekistan net

Frequencies: 5515, 6764, 7960, 8066, 8242 kHz

This is possibly a government net. The ALE idents match all the regional capital cities, with the exception of Chimbai which is not a capital city. The italic calls have not been reported yet and are therefore tentative.

Region	Capital	ALE ident
Andijon	Andijon	ANDB
Buxoro	Buxoro	BUHB
Farg`ona	Farg`ona	FERB
Jizzax	Jizzax	JIZB
Karakalpakstan	Nukus	<i>NUKB</i>
Kashkadarya	Qarshi	KARB
Namangan	Namangan	<i>NAMB</i>
Navoi	Navoi	NAVB
Samarkand	Samarkand	SAMB
Sirdaryo	Guliston	GULB
Surxondaryo	Termiz	<i>TERB</i>
Tashkent	Tashkent	TASB
Xorazm	Urganch	URGB
Karakalpakstan	Chimbai	CHIMBAI1

###NET# net

Frequencies: 11500, 14720, 17240, 20540 kHz

ALE idents:

001NET2 002NET2 006NET2 008NET2 009NET2
011NET2 012NET2 014NET2 016NET2
020NET2 021NET2 022NET2 023NET2 027NET2 028NET2 029NET2
030NET2

or short form idents like 002, 006, 020, etc.

RFAL-net

Frequencies:

6632.6 7700 7732.6 8000 10569.7 11400 11257 13500 14577 kHz

Callsigns:

RAFL1
RAFL2
RAFL3
RAFL4
RAFL5
RAFL6
RAFL7
RAFL15
RFAL20
RAFL21
RAFL22

Ukrainian Net

Modes: ALE/USB, voice

Frequencies:

6927 6928 6929 6930 7766.5 7805 8046.5 10417.5 11059.5 11153

ALE idents:

@?@ (All stations)

A10
B10
C10
D10
F10
G10
H10
I10
W10 W11 W12 W13 W14 W15 W16 W19
W21
X01 X07
X10 X17
X21
Z10 Z11 Z12 Z13 Z15 Z16 Z18
Z22 Z25
Z35 Z38
Z41 Z42 Z45 Z49
Z50 Z51 Z52 Z54 Z57
Z63 Z64 Z66 Z67 Z68
Z70 Z71 Z72 Z74 Z78 Z79
Z80 Z81 Z84 Z88 Z89
Z96 Z97 Z98

Commands:

[CMD AMD][</>A2005 0 6000 -1 1 ESNF523C2170000 Z70]

Frequencies:

6537 LSB, 6970 USB, 7736 LSB, 7765 LSB

This net uses also a short form of the idents. These calls consist only of the last four figures.

Example: Long form: 303891 Short form: 3891

ALE Idents:

100003
105003 105004
105016
202004
301001
302001 302006
302303
303001 303002 303004 303014 303331 303411 303441 303471 303891
306001
402109
404004 404194 404271 404311 404333 404371 404715 404717
602059

Two possibly related nets

Net 1:

Frequencies:

3134 3843 5205 5446 5910 6450 6822 6836 6912 7608 7967 8047 8048 8094 8114 8134 8138 8152 8174
8176 8918 9115 9352 9980

ALE idents:

KDY LIS LSM MFE? QZO SGE SJY UDR VFJ WTF XGY XIE XRG XTG YDM

Modes:

ALE/USB, voice, KL-43

Commands:

[CMD AMD][[QTCP]

Note:

Possibly related to Net 2

Net 2:

Frequencies:

5788 6868 6982 7336 7457 7710 8040 8048 8162 8191 8950 9262 10170 12104 14675 kHz

Callsigns:

ENO EXO EXP IKT KRO KXO LED LKO LPO MOR MUS PAS PNU POR PTI PWN QER WRK SEP SKQ SOC SUC
SUL SZA TCP VRA WNU ZEO ZPT ZRT

Note:

Possibly related to Net 1

Unid US-net

Probably an US military or government related net. It communicates with FEMA and other US nets.

Frequencies (USB):

4446.6 4934.1 5690.0 7325.0 8045.6 9019.0 11238.0 12103.0 13438.6 15037.0 16090.0 18021.0 19458.6
20401.6 23265.0 25441.6 kHz

ADW ALN AMK BFG BGD BRX BVO CNE CNU DBN EDK EGE FSM GHM GWO HPT HYR IPM IRK JES JSF
LXV MBY MHE RHV RRL SGW TTD

DBHBASE1

Frequencies: 8750, 9314, 10386, 11476 kHz

ALE idents:

DBHBASE1

DWBGOLFBASE1

0207 0209

1007 1107 1128 1207 1307 1507 1516 1567 1807

2007 2302 2307 2407 2428

7904

8263 8265

UNID net; possibly Chinese

Frequency: 9106 kHz.

Callsigns:

107 (possibly short for 1072)
127 (possibly short for 127x)
153 (possibly short for 1536)
507 (possibly short for 1572)
553 (possibly short for 5536)
212 214 216 220 224 225 226 228 253
311 312 313 314 315 318 321 322 324 330 332 333
407 420 423 430 439 446
507 553
707 729 782

1030 1050 1052 1072 1080
1111 1112 1120 1131 1142 1144
1200 1235 1271 1272 1280 1283
1313 1327 1329
1528 1529 1531 1532 1533 1536 1537 1541 1543 1572
1601
1702
1912
2144
3400 3401 3513 3559 3600
4072
5072
5500 5501 5502 5511 5512 5513 5523 5533 5536 5553 5555 5566
7072
8217 8304 8308 8327 8382 8433
11072 11965 11966 11968
12072
16072
73111 73222 73231
YIY [TRU][YIY]

Notes:

- Soundings only, no handshakes noted.
 - Audible during the local night in Western Europe between ca. 2200 and 0500 UTC.
 - The frequency is shared with several other nets.
-

Unid net

Frequencies: 6562, 7650, 7660, 8738, 9069, 16184 kHz

Callsigns:

120712 120713 120714 120715 120716 120717 120718 120724 120769 120770 120803
121003 121112 121303 121705 121711
122203 122203 122403
124147 124159
151862

Audible between 1600 and 0300 UTC in Western Europe on 6-9 MHz and during the day on 16184 kHz.

Part II - 3-Figure Nets

As mentioned many stations are using 3-figure idents. Some have also 4 or 5-figure idents as you may read below. One of the 3-figure nets is a vast net of the Chinese Air Defense (see the Chinese Military Nets factsheet on www.numbersoddities.nl) This net shares several frequencies with the military Chinese "A96" net (see Chinese Military Nets factsheet). We need to further investigate which of the stations below is part of the Chinese nets.

Note that the Georgian Military / Border Guards are also using 3-figure calls. They have been noted on 3935, 4970, 5101, 5369, 5403, 5565, 6565, 6668, 7055, 7070, 8083 kHz.

Frequencies:

3657, 3736, 4593, 4855, 5286, 5321, 5769, 6559.1, 6672, 6757 6821, 6823, 6868.7, 6872, 6915, 6872, 6900, 6990, 7000, 7610, 7630, 7692, 7693, 7782, 7842, 7965, 8007, 8020, 8067, 8120, 8140, 8162, 8183, 8287.6, 8305, 8783, 9106, 9120, 9121, 9137, 9252, 9522, 10213, 10242, 10250, 10633, 11175, 11327, 13350, 13550, 14001, 14067, 14205, 14265, 14328, 14538, 14698, 16000, 16248, 18308, 19183, 19228, 19250, 19554, 20004, 20894 kHz USB and many more.

Frequency	Callsigns / idents
3657 kHz	103 106
3736 kHz	101 103 104
4593 kHz	190 193 210 215 560 785
4855 kHz	100 111 673
5286 kHz	100 101 158 214 240
5321 kHz	100 103
5769 kHz	203 209 210 422 423 426
6821 kHz	100 101
6823 kHz	290 292
6900 kHz	100 101 102 105 107 108 110 111 114
6990 kHz	101 206 207 671 877
7630 kHz	003 017 089
7637 kHz	278 279
7692 kHz	277 278
7693 kHz	757 854
7782 kHz	701 826
7842 kHz	130 136 200 223 250 252 269
8007 kHz	270 272 274 276
8067 kHz	185 270 272 273 274 275 276 328 361 610 634 696 741 871
8120 kHz	101 106 109 118 124 129 425
8140 kHz	100 101 103
8162 kHz	035 082
8183 kHz	118 123 126 210 231 256 265 408 673
8783 kHz	101 102 103
8305 kHz	271
8912 kHz	155 160
9120 kHz	171 576 921
9121 kHz	101 105 291 294 302
9252 kHz	659 977
9522 kHz	429 634
10213 kHz	101
10250 kHz	101 105
10633 kHz	101 113 114 155
11175 kHz	289 464 586 976
11327 kHz	101 107 208 210 410 413 416
13350 kHz	101 112
13550 kHz	101 105 112
14001 kHz	397
14067 kHz	205 289 408 540 586
14205 kHz	505 822
14265 kHz	526
14322 kHz	402

14328 kHz	139	534	772
14538 kHz	240	725	
14698 kHz	107	203	204 205 210 304 401 407 411 412 413 414 416 601 502 601 704
16000 kHz	101	112	113
16248 kHz	101	107	108 111 112 118
19043 kHz	055	586	
19183 kHz	105	107	
19228 kHz	107	201	203 205 205 206 308 410 411 412 413 414 416 501 602 604 704
19554 kHz	055		
20894 kHz	205	529	
23528 kHz	205	529	

The most active frequencies are 6872, 6915, 7000, 7610, 9106, 14698 and 19250 kHz. They are listed below.

Frequency: 6872 kHz

Callsigns:

101 104 105 106 107
201 203 204 205 206 207 208 209 210
303 304 305 308
401 403 404 406 407 408 410 411 412 413 414 414 415 416
501 502
605
701 704

Frequency: 6915 kHz

Callsigns:

101 131 134 154 171 189
220 229 238 278 286 294
260331

Frequency: 7000 kHz.

Note: same stations as on 7610 and 19250 kHz

Callsigns:

001 031 051
101 102 103 112
201 203 205 206 207 210
304 308 309 310 311 390
406
507 508 509 510
608 610
786
801 807

1101 1103 1123
2205
5000
21060 20980

The following idents could be related to the unid (presumed) Kyrgyzstan net.

20938 20967 20983 20991
21001 21008 21014 21032 21060 21093

Frequency: 7610 kHz.

Callsigns:

050 079
101 102 130
210 288
301 302 304 306 307 308
310 318 319
323
338
342 343 344 345 347 349
350 352 354 355 356 357
362 363 364 367 368
373 375
385 388
390 393 394 396 398
420 423
553
786 788
901 903 904 905 906
910 911 912 914 915 916
956
999

20983 21001 21014 (Possibly not related to the 3-figure net. Also noted on 7000 kHz)

Notes:

- Soundings only, no handshakes noted.
 - Sometimes in AQC mode.
 - Audible during the local night in Western Europe between ca. 2200 and 0500 UTC.
-

Frequency: 14698 kHz

Callsigns:

107
203 204 205 210
304
401 407 411 412 413 414 416
502 502
601
704

Frequency: 19250 kHz

Note: same stations as on 7000 and 7610 kHz

101 102 103 104
205 207 209
301 306 308 312 330 331 390
406
507 508 509 510 511
607 608 610
709
801 807

2205
3306 3312

8805 (not on 7000 kHz)

20938 20967 20980 20991
21001 21020 21050 21058 21060 21060 21093

Notes:

- Soundings only, no handshakes noted.
 - Audible during the morning in Western Europe between ca. 0500 and 1300 UTC.
-

Sources:

Logs posted to UDXF www.udxf.nl (monitors include Ary, Kristian, Alf, Tom, Bruno, Peter and others)

Mail updates and info to: udxf@udxf.nl