

Egyptian diplomatic stations



Revision date: 27 November 2024
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- Country name: Jumhuriyat Misr al-Arabiyyah (Arab Republic of Egypt)
Short name: Misr (Egypt)
Capital: Al Qahirah (Cairo)
27 Governorates: Ad Daqahliyah, Al Bahr al Ahmar, Al Buhayrah, Al Fayyum, Al Gharbiyah, Al Iskandariyah, Al Isma'iliyah, Al Jizah, Al Minufiyah, Al Minya, Al Qahirah, Al Qalyubiyah, Al Uqsur, Al Wadi al Jadid, As Suways, Ash Sharqiyah, Aswan, Asyut, Bani Suwayf, Bur Sa'id, Dumyat, Janub Sina', Kafr ash Shaykh, Matruh, Qina, Shamal Sina', Suhaj
Website MFA: <http://www.mfa.gov.eg/english/Pages/default.aspx>

The Egyptian diplomatic stations (Ministry of Foreign Affairs, embassies, military attachés, and consulates) are quite active on HF. You can hear them on a number of frequencies. They are using several modes for their communication.

Modes:

SITOR-A 100/170 (offset 1700Hz)
Codan 9001/3012 16 tone 75Bd QPSK (offset 1500Hz)
Codan 80bd chirp mode (offset 1500Hz)

Alfabet:

ATU-Arabic / ATU-80

See for Arab decoding tips Nils Schiffhauer's "*Decoding & Reading Transmissions of MFA Egypt*" on the UDXF website

<http://udxf.nl/Decoding-MFA-Egypt.pdf>

MFA Cairo
Picture by Kallerna



Frequencies in kHz

Below are the SITOR center frequencies. Distract 1.7 kHz for the CODAN traffic.

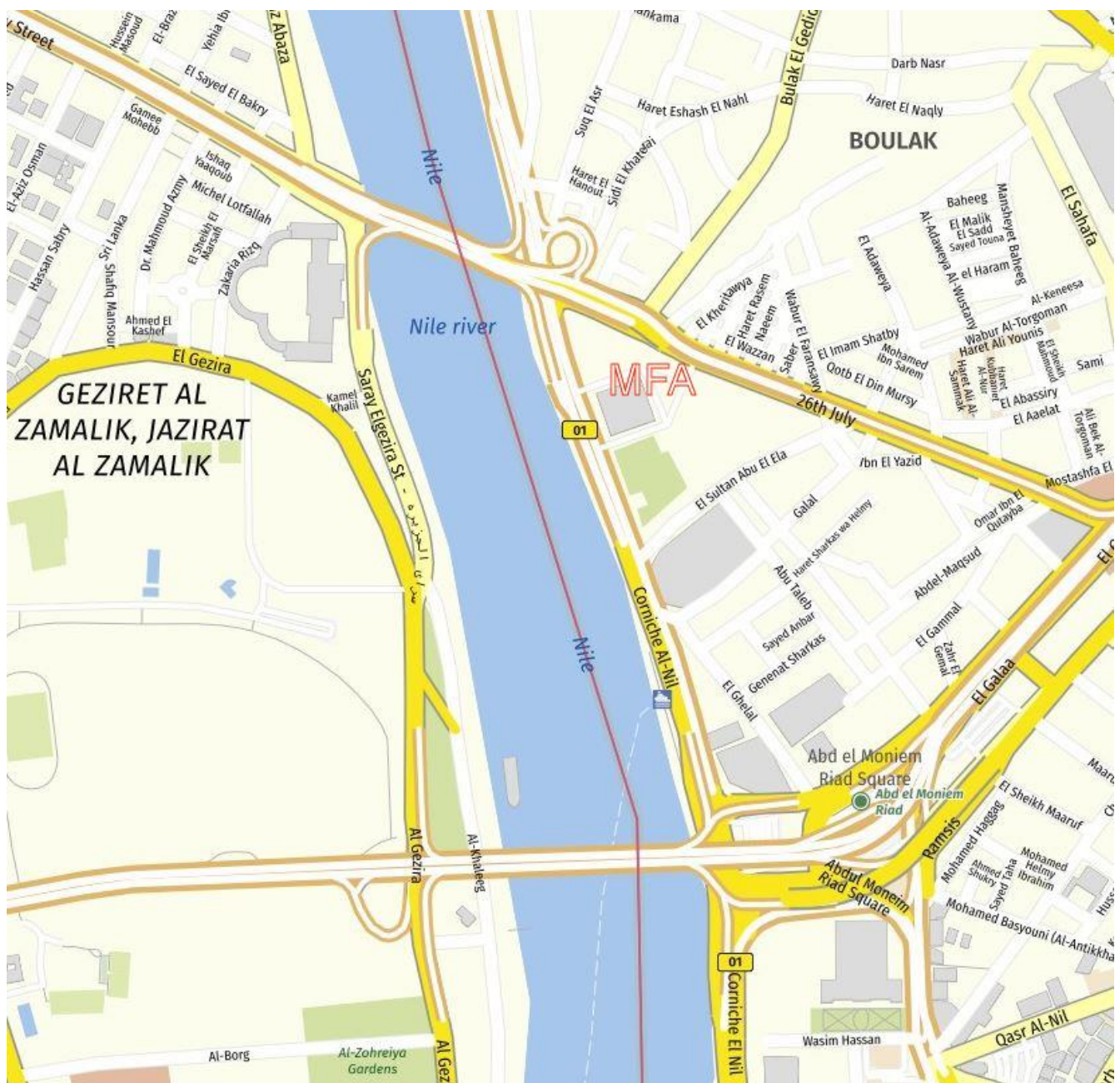
4619.7	7616.7	9023.7	10176.7	13506.7	14667.7	16154.7	18036.7	19101.7
4629.7	7631.7	9026.7	10178.7	13511.7	14684.7	16156.7	18044.7	19123.7
4676.7	7661.7	9034.7	10181.7	13516.7	14713.7	16161.7	18046.7	19128.7
4754.7	7667.7	9036.7	10184.7	13523.7	14742.7	16189.7	18049.7	19151.7
4772.7	7686.7	9045.7	10186.7	13551.7	14783.7	16201.7	18056.7	19163.7
4841.7	7691.7	9046.7	10196.7	13571.7	14812.7	16216.7	18122.7	19178.7
4991.7	7706.7	9047.7	10221.7	13876.7	14881.7	16221.7	18201.7	19334.7
5071.7	7721.7	9051.7	10223.7	13881.7	14889.7	16223.7	18206.7	19346.7
5106.7	7724.7	9054.7	10226.7	13926.7	14913.7	16226.7	18216.7	19406.7
5121.7	7726.7	9056.7	10281.7	13981.7	14923.7	16231.7	18222.7	19414.7
5410.7	7731.7	9058.7	10334.7	14046.7	14926.7	16236.7	18223.7	19426.7
5439.7	7743.7	9065.7	10518.7	14056.7	14931.7	16241.7	18226.7	19434.7
5441.7	7746.7	9067.7	10661.7	14227.7	14943.7	16246.7	18231.7	19487.7
5578.7	7751.7	9076.7	10733.7	14326.7	14966.7	16251.7	18236.7	19523.7
5612.7	7756.7	9078.7	10821.7	14346.7	14981.7	16258.7	18241.7	19546.7
5731.7	7759.7	9081.7	11023.7	14356.7	15016.7	16261.7	18246.7	19593.7
5741.7	7766.7	9084.7	11034.7	14366.7	15026.7	16274.7	19256.7	19647.7
5744.7	7778.7	9089.7	11049.7	14371.7	15044.7	16286.7	18316.7	19653.7
5771.7	7796.7	9102.7	11051.7	14381.7	15506.7	16298.7	18321.7	19668.7
5781.7	7816.7	9106.7	11056.7	14389.7	15816.7	16313.7	18326.7	19910.7
6151.7	7819.7	9118.7	11067.7	14423.7	16009.7	16319.7	18331.7	20026.7
6667.7	7821.7	9123.7	11112.7	14426.7	16011.7	16326.7	18334.7	20036.7
6671.7	7888.7	9131.7	11117.7	14428.7	16021.7	16334.7	18346.7	20051.7
6717.7	7931.7	9146.7	11121.7	14434.7	16022.7	16341.7	18351.7	20056.7
6726.7	7961.7	9151.7	11123.7	14436.7	16023.7	16346.7	18378.7	20076.7
6731.7	8001.7	9156.7	11126.6	14441.7	16026.7	16445.7	18418.7	20086.7
6734.7	8015.7	9181.7	11134.7	14443.7	16029.7	16464.7	18436.7	20123.7
6751.7	8021.7	9187.7	11156.7	14445.7	16031.7	16541.7	18445.7	20126.7
6756.7	8023.7	9190.7	11166.7	14451.7	16034.7	16667.7	18451.7	20156.7
6771.7	8026.7	9194.7	11171.7	14456.7	16036.7	17067.7	18472.7	20165.7
6772.7	8029.7	9216.7	11176.7	14481.7	16044.7	17146.6	18523.7	20223.7
6773.7	8034.7	9221.7	11406.7	14866.7	16046.7	17226.7	18529.4	20316.7
6774.7	8056.7	9226.7	11426.7	14489.7	16056.7	17246.7	18556.7	20556.7
6776.7	8066.7	9229.7	12113.7	14506.7	16061.7	17412.7	18661.7	23109.7
6778.7	8081.7	9231.7	12168.7	14511.7	16067.7	17416.7	18664.7	23229.7
6779.7	8086.7	9289.7	12174.7	14516.7	16074.7	17417.7	18667.7	23523.7
6781.7	8089.7	9316.7	12222.7	14523.7	16078.7	17421.7	18847.7	25016.7
6786.7	8121.7	10024.7	12226.7	14526.7	16081.7	17423.7	18866.7	
6787.7	8131.7	10123.7	12283.7	14531.7	16086.7	17426.7	18889.7 and
6789.7	8186.7	10134.7	12331.7	14556.7	16089.7	17434.7	18906.7	many more
6791.7	8189.7	10156.7	12334.7	14616.7	16112.7	17445.7	18913.7	
6796.7	8191.7	10161.7	13381.7	14621.7	16124.7	17451.7	19021.7	
6821.7	8241.7	10162.7	13406.7	14629.7	16126.7	17456.7	19026.7	
6876.7	8334.7	10164.7	13416.7	14631.7	16131.7	17464.7	19031.7	
6881.7	8376.7	10167.7	13423.7	14641.7	16136.7	17474.7	19036.7	
6882.7	9016.7	10168.7	13426.7	14648.7	16141.7	18023/7	19046.7	
6886.7	9018.7	10172.7	13446.7	14651.7	16145.7	18026.7	19067.7	
6971.7	9021.7	10174.7	13501.7	14661.7	16151.7	18034.7	19078.7	

Stations, Selcals and Callsigns

SITOR id	callsign	station	Codan chirp
		Egyptian Military Intelligence, Cairo	00071
		Egyptian Military Intelligence, Cairo	00074
BPVX		Egyptian MFA Cairo	01501
BRTV		Unid embassy	
IPTX		Egyptian embassy Havana	55501
KKKE		Egyptian MFA Cairo	33333
KKKK		Unid embassy	3333
KKQT		Egyptian embassy Niamey	33320
KKVA		Egyptian embassy Lagos	33309
KKVB		Egyptian embassy Addis Ababa	33301
KKVD		Egyptian embassy Conakry	33308
KKVE		Egyptian embassy Bamako	33303
KKVI		Egyptian embassy Dar es Salaam	33305
KKVK		Unid embassy	3303
KKVO		Egyptian embassy N'djamena	33304
KKVR		Unid embassy	33306
KKVU		Egyptian embassy Accra	33302
KKVZ		Egyptian embassy Dakar	33307
KKXB		Egyptian embassy Kinshasa	33311
KKXA		Unid embassy	
KKXD		Egyptian embassy Djibouti	33318
KKXE		Egyptian embassy Luanda	33313
KKXI		Egyptian embassy Asmara	33315
KKXO		Egyptian embassy Abidjan	33314
KKXR		Egyptian embassy Ouagadougou	33316
KKXT		Egyptian embassy Nairobi	33310
KKXU		Egyptian embassy Harare	33312
KKXZ		Egyptian embassy Pretoria	33317
KVZK		Unid embassy	23073
MFMF		Unid embassy	4848
OOUS		Unid embassy	
OOVC		Egyptian embassy New Delhi	44406
OOVF		Egyptian embassy Pyongyang	44408
OOVK		Egyptian embassy Jakarta	44403
OOVP		Egyptian embassy Islamabad	44405
OOVQ		Egyptian embassy Beijing	44402
OOVS		Egyptian embassy Kuala Lumpur	44409
OOVX		Egyptian embassy Ankara	44401
OOVY		Egyptian embassy Tel Aviv	44407
QEKC		Unid embassy	12336
QEMP		Egyptian MFA Cairo	12345
QEPC		Egyptian MFA Cairo	12356
QQTC		Unid embassy	22206
QQTP		Egyptian embassy Moscow	22205
QQTQ		Egyptian embassy Belgrade	22202
QQTX		Egyptian embassy Prague	22201
QQUM		Egyptian MFA Cairo	22224
QSPV		Unid embassy	2950

SITOR id	callsign	station	Codan chirp
QVTQ		Unid embassy	22022
RCVB	KNY29	Egyptian embassy Washington	66601
RCVT		Egyptian embassy, Washington	66601
RIUQ		Egyptian embassy	
SSBB		MFA Cairo	99911
SSBE		MFA Cairo	99913
SSBT		MFA Cairo	99910
SSBU		MFA Cairo	99912
SSTA		MFA Cairo	99909
SSTB		MFA Cairo	99901
SSTD		MFA Cairo	99908
SSTE		MFA Cairo	99903
SSTI		MFA Cairo	99905
SSTO		MFA Cairo	99904
SSTR		MFA Cairo	99906
SSTU		MFA Cairo	99902
SSTZ		MFA Cairo	99907
SSUO		MFA Cairo	99924
T AFC		Egyptian embassy	40986
T AFM		Egyptian embassy	40984
T EEO		Egyptian embassy Havana	
T QQV		Egyptian embassy Harare	00220
T TVQ		Egyptian embassy Khartoum	40020
T VKX		Egyptian embassy Rome	00031
T CQK		Unid embassy	00023
T VQS		Egyptian embassy	00029
T VQV		Egyptian embassy Riyadh	00020
T VQX		Egyptian embassy Tehran	00021
T VVC		Egyptian embassy Baghdad	00006
T VVF		Egyptian embassy Beirut	00008
T VVK		Egyptian embassy Rabat	00003
T VVM		Egyptian embassy Kuwait	00004
T VVP		Egyptian embassy Abu Dhabi	00005
T VVQ		Egyptian embassy Khartoum	00002
T VVS		Egyptian embassy Kuwait	00009
T VVX		Egyptian embassy Algiers	00001
T VXC		Egyptian embassy Abidjan	00016
T VXF		Egyptian embassy	00018
T V XK		Egyptian embassy	00013
T VXP		Egyptian embassy Mogadiscio	00015
T V XQ		Egyptian embassy Tripoli	00012
T V XS		Egyptian embassy Manama	00019
T V XV		Egyptian embassy Doha	00010
T V XX		Egyptian embassy Sanaa	00011
T V XY		Egyptian embassy Muscat	00017
T V XZ		Egyptian embassy Brussels	60017
V VTT		Egyptian embassy	90000
X BKX		Egyptian embassy	11131
X BPV		Egyptian embassy	11150
X BVA		Egyptian embassy	81109

SITOR id	callsign	station	Codan chirp
XBVC		Egyptian embassy Vienna	11106
XBVF		Egyptian embassy Madrid	11108
XBVK		Egyptian embassy Berne	11103
XBVM		Egyptian embassy Berlin	11104
XBVP		Egyptian embassy Rome	11105
XBVQ		Egyptian embassy Paris	11102
XBVS		Egyptian embassy Nicosia	11109
XBVX		Egyptian embassy Bucharest	11101
XBVY		Egyptian embassy London	11107
XBXF		Egyptian embassy	11118
XKMF		Egyptian embassy	1348
XTTV		Egyptian embassy	71000
XXVY		Egyptian embassy	1107



Notes on Operation

- One of the most enduring, prolific and familiar diplomatic operations with a seemingly unending pool of frequencies.

Dictionary

Back in the old days we covered this network in the Digital Review column in the *Worldwide Utility News club's* monthly newsletter. Included was a dictionary explaining the most important words (mostly city names) that you can find in the messages. The list was compiled by Mike Chace-Ortiz and various other people.

?kfk?k?	Caracas	jlpwl	Moscow	ojkg	Aamman
?kpjfh	Asmara	jmfsm	Madrid	qkwfhk	Djakarta
?kyl?	Kabul	jpac	Muscat	qmr	Jeddah
?ywsg	Beijing	k?nsgk	Athens	qsylhs	Djibouti
bkfqsr	MFA Cairo	k?sgk	Athene	rfkfs	Harare
bkfqsr kdakrfr	MFA Cairo	kblcb	Abu Dhabi	rkukgk	Havana
blgsl ksf?	Buenos Aires	kdakrfr	Cairo	tkglk	Hanoi
boustan	embassy	kdamsjr	Kaduna	ussgk	Vienna
bsjg ksf?	Buenos Aires	kdbfclj	Khartoum	wjykdk	Kampala
cdoyvo	Tel Aviv	kdfskx	Riyahd	wldkdjylf	Kuala Lumpur
cfkbd?	Tripoli	kdfykc	Rabat	wlgkwfs	Conakry
cfkydp	Tripoli	kdhjnsd kdhqkfs	MFA Cairo	wsgzpkp	Kinshasa
cg?r	Tanger	kdigkir	Manama	xgoke	Sanaa
ctfk?	Teheran	kdiqef	Algiers	xlusk	Sofia
dgmg	London	kdktxke	MFA Statistics Dept	ydqfkm	Belgrade
dkqlp	Lagos	kdlmth	Doha	yfar	telegram
dlkgmk	Luanda	kdmldr	Doha	yfds?	Berlin
dlpk?k	Lusaka	kdqikef	Alger	yfg	Berne
dytfsg	Bahrain	kds	to	yfkq	Prague
faj	number	kdukhswgk	Vatican	yflwpd	Brussel
fekpr kdzywr	MFA Cairo	kdwlsh	Kuwait	yfs?lfsk	Pretoria
fljk	Rome	kdytfsg	Bahrain	yjkw	Bamako
glkwzlc	Nouakchott	kgaf?h	Ankara	ykfsp	Paris
gmqkjsjk	N'djamena	kgaf	Aden	ykjkw	Bamako
gsalpsk	Nicosia	khargia	MFA Cairo	yks yks	goodbye
gsflys	Nairobi	kms? kbkbk	Adis Ababa	ylbkfph	Bucharest
gskj?	Niamey	kmsp kykyk	Addis Ababa	ylg	Bonn
gslmdrs	New Delhi	kpdkjkykm	Islamabad	yphkg	embassy
gslslf	New York	kwfk	Accra	ysflh	Beirut
gsqlsk	Nicosia	kyl cys	Abu Dhabi	ysgl? skg?	Pyongyang
hd kysy	Tel Aviv	kysmqkg	Abidjan	yslgq skgq	Pyongyang
hgk	Tirana	lkzgcg	Washington	yspkl	Bissau
hlgp	Tunis	mjza	Damascus	yswsg	Beijing
jamszsl	Mogadishu	mkf kdpdkj	Dar Es Salaam	ytf	Bahrain
jg	from	mkwfk	Dakar	yvmkm	Baghdad
jkkg?lk	Managua	my?	Dubai	ywsg	Beijing
jkgs?	Manila				
jlg?fsk?	Montreal				

Sample messages

Example 1: Header in ATU80

yfasr faj 44/25 0381 42/1/2991
jg yphkg dg-----mg
kds bkfqsr kdakrfr jwkhy qjkor klflysr z. klflyk ofysr
nakusr jodljkh yphkg // jlpwl . kdfskx .

[Telegram number 44/52 1830 24/1/1992
From Embassy London
To MFA Cairoetc.....]

Example 2: Alternative-style off-line encrypted traffic

from wafd omam new york
to khargia cairo

00-02-11 14.47.31
serl no. 2 2 2

aaaaa

yutcc ~~~~~ bycbd onecg ebctt gcwkt hlaep xasej dzykl jhreb tjusj lfttf btgef wltd vnkob nkxnd zuazr jkksz jeopf zji
nzwn~ sotqc wuwvl xzjgk kesby iwqvd rzzz ywnxu mlnu rsejj xfntm fbsqt nqwt dp~kh ylahw hfges otwpv uiror xojat
lwfvw uujbl fdsul wbnov qjtlo svcii upjts rtibo afvxx ypenb vcoin aczxx qbrmh caffg tanke yohfj qfiyn uhqng qvxyb
bgfjz zzag dvaws mghbw ckqct upudh cmmoh kqehj uqkpx tuhcr miuev ayt~x iapsj lruaf lnpjw guczo psjrr oxtyx lldns
uo~ym tgxvu dtxyk ymros juzgw skmpd skcsn zeroq ghiud vcxnu rofya vjux denyr mkyqi yamhx rzyjh oolzw mknwt
zalfq hskjb poxii ldujf rulbz bcsqg wi~u~~~tn~q fauep wxkoh exenm fsjnv yetbd yd ~cefv ycqi goipb slukw odnrb
elrhb gbezx uttjtt~ skylp nuudd nwuyh on~fv leibd yhoju tvdgy mwi~l e~ el obwns fudqk ocsgo wtpbx jfccn hlpav
ikpfo ~qdal ftexz wlpng hiqaf a~minmic jnrbv ibwnh nlnlc sd~~q utogr eftlt ou~ou ouwpc uejvf rhfbx rwpef dwmju
fwaca rzbqv zuytx tacgat~~~~~v~~~@~~2~~\$~~pj qhmni dmna frhdr lijqs yy~bu mxuve qgqpx dfhh~hhl tirgr rugyv
evdxv vmaww sunsh twkdq clmjz uxaww gqhsa ubju~ orlqx bceqi ynfpc unvro sdwbi pgrvw mkmms uheyr kzjev otaif
zvgyv kn~~b hhdjy ymjrz ygmsu qftjk aflix emweg dvhky janvq gvjqz zqhhz dofef rwqqe dwgmy zazmp lipxs uclrs
rzaoz dzvzb vcojv leqxx kaalb sakap jpmio

amb. ahmed aboulgheit

sent by / tarek at 1500 11-2-2000
rcvd by /kmo

Example 3: Hexadecimal off-line encrypted traffic

from : 71
to : sanaa
time & date: 14:07, wednesday, december 02, 2009
number of groups: 124
urgent

001aa 89612 0069e 51c6d e4091 35103 de4d5 18445 85500 7832e
14010 10057 ad60c d7be1 47f9b c9e51 c6de4 09135 10391 35103

Example 4: Off line encrypted message

from boustan tripoli
to khargia cairo
d/t 24/12/95

44444 90090 32432

syncb ~wkdl xuaj~ ebsff qfvmv lhwka tfdfy sqffo pnwq~ eljya rgxvi feuqp bqyec rkpgv ulcgo dwgtq jlhic zfqjz bxsmh
oiqso pwnmj hwudb avlwa aceon ~sqv hinlg bewnm qcafi grrnl qdlym pxprv kdoor ybflj puwso dvywf rycrn udoqq
srkok owejg vrcmi wqdzg wmpheh rgwmh hvoba mtriv qmash fildp rpyvp lzxwb dxcuu zhdbb rbqgz vqibi svpus dgarf
arzp wujlga axmly sbnwi caqnc yqirr zjpxe avrgr hmsni ycje~ gocxz dlmrc fosjw hucph gqitr kyvua xxdrb cktit qqpma
rdd~u bhbor oianx scgil voipj ygxnr ufxhy ibil~ rfkkk addyu keigd gqtqq nccme rebmx oktlo ogxph fijjq ydmiv zbvxs
fuyaj zsfgd zhgpq jshdi uewau jlqcx miepo

jwdxw byddx bfctm ufxkh cqnsz jzbgk hvank bqrpg bwwgz xxjft lsrpi jckfb tgcpf vsfkp gxkrq haoht jsvqn tdsan vrryd
acrfu dfsbk qhlwj yovsj eorvt lsity inhy aydxt zcwts sapsu ygtjl wkqvw lscmd ftidx wiyul tzlzu qetab lqeu fbjqo gpeps
rymip grwzp qcysa caknu tveuh wfrvm wamwk buqdg jbmkm qfqv uprbi cubgv hootb rwjtq dwdmj cqqsx kmerk
qkqnp zextn ypvkt fmeoq zaulm vjbdi valyi iqvik dllpo kptlr crkma ttjfo estbb tmzcd grwav ffhoh makhn dmoud
tmxqq tedzg txxmm jhdvr ohhwd emnqt gpfln kyqzi bfpol rxdkn lntdl edknv uxmkm wtdvg nijyv miesq xax~n kbhfg
gnfyl vwzck krklj qclya gkkjp w~vmb lsztu joluu

jdvgf lmbyh ogyel xnpds xbxac knopq czqnl rnvll bgkqh mmsgb gophg bcfse spcji uakyf xdirn pkqel bnmsv khyws
mwoie ehxfj xjoix wrkim axuma opdoc ~sfyf btnws rhpuf vocqj wsdti isrwq ktwsz mcnnu vpmgk pmkpo rbxcl catbc
fiygo pcctl wmovj mdtmv vtwd farjp ghigj jpeqw wqfkn zggjt wjiji vjija jsrlu ikcdr vfwii uimli qcxej xkcha mkpvm aalj
ncpvp dikpo klzhl qfkus qllef fdxep akglf ysgdp yihhl opkyn psdpy czegq bftfo rekti wgbvl gnspv rxqmm vvmpt iyweb
oicsn evjfh ckolp ukedo cpeoj cibgf enwmp dywat fyrts ehptg hzavw uxszo eogma mviic smxvt fklie tokup wuxem
qntfj ofdfz qilql lhtzq dlwgj surrq lfpso

ixenp rxysv tqsw yzvlv hksou kguess hixxu mrjvs maovx ugcxc ljsiw eh~ev fionz xpxrk fzbfb dviaq vlmyj qiegc bmfid
httmq alezh dqdpu kqcou utimz cwmhu xkyzd wepcy ivcl d wckl jabhi rqlbe uusuz olizv fzipl grwr d cddcn jmjra
acmka buxtl g~tdt wdkdx lpksm edvsn dbwkh dnhda evrll dtxt lwkec rdgcu kbtco aysrj uvvge rcdjx ijrog ixkhf malcm
yapav vdxtg pkgkm mysnw mbmbu bicku lugfl glq~~ rqlhe dhkwf njgyi rhras ucwby qxzsl rfoaf juhvi glatd yffn~ lvqls
boeuv mvnda rdylt nywfg gjjmf xidge ecudx wsvxo cwsub bjyaj zajbd pxluj qignv jpojo pugju tzhnm jidcj ikudt mfubv
npyyf hxmxy etaen gimga vvalf emisf

xqltd uzsgd oqhf qyowy bncwd uemfa kwly oh~rh vuthw uount pnazw lhuje uksfn irqem rslyg ojjew sbrxs wxuxm
fjfsp tnsji gujkm cfeky gwtqa odpjr nubyj erhmn uihmt jdpmg kygud annqw cxznq cwmwg kntro kwrld xxjvs lnyri
fvdbm pceg~ qrxcp yijfc kekck kxqcl pmdtj fnvnm ugqlg keqmv gwcax ypihb ejgag lfirx eljnd sqqmf iefqn rcklm kvheq
aigdb urgld lhebq akgea qcrix qayhu jqpwl wfuyg udyrc cxewm hdlvg npreu okqks btlwq odeex jilqo acsbg tjwet ortkp
ruomi wvtrx ivdfk clidu hanqs endsy

0480 groups
ambassador
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