

6	27364	92836	89428	61268	71282	36198	32764	31277	
86	48932	78987	32123	49817	26346	81287	65491	87364	8
721	75654	55656	12737	72727	72727	91918	63473	67867	7
723	87629	37677	32612	53498	71296	28756	18276	98716	87
269	76329	74698	76857	98678	27681	56781	57681	73648	1
1	87364	87265	96718	27638	12673	84769	28743	98127	2
8	63298	75698	27465	87326	49876	28376	81273	98615	
7	87432	74328	78674	29867	32867	67867	86786	43286	80
17	68768	68763	34234	34238	68768	62342	48273	48768	2
26	98432	32432	86743	43286	43286	43286	43286	43286	40
43	86743	86743	39867	32867	86743	43286	43286	43243	86
1	86743	86743	86743	86743	86743	86743	86743	86743	2
99	98798	98754	98754	98754	98754	29867	67543	67986	8
10	87698	69876	87698	69876	87612	12341	34867	86798	6
	43298	65656	56756	56123	32143	14321	32143	14321	30
	58765	58765	76587	58765	76587	58765	76587	58756	2

# Numbers & Oddities

## a.k.a. The Spooks Newsletter

Edition #271, April 2020

Editor: Ary Boender email: [udxf@udxf.nl](mailto:udxf@udxf.nl)

Numbers & Oddities <http://www.numbersoddities.nl>

"Numbers & Oddities" a.k.a. the "Spooks Newsletter" is a newsletter for the members of the Utility DXers Forum (UDXF), the Spooks mailing list, HF Underground and everyone else who is interested in Numbers Stations.

"Numbers & Oddities" covers the fascinating world of Numbers Stations and other odd radio signals on shortwave.



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## FOREWORD

The world is still a mess while I am writing this. The situation is now better in some countries than last month while it is getting worse in other countries. Like most people I'm tired of coronavirus news 24/7 and all the restrictions. I understand it but it is very annoying. I am glad that I am still healthy though.

Since the corona crisis started the number of EAMs has decreased significantly. Hence the short log list. We have no Monolith station logs this month as our main contributor Gwraspe had other things to do, but we do have a nice bunch of M42b logs and transcripts copied by AB and F5JBR.

Being at home more often I decided to buy an RTL-SDR v3. I already had older types but found that v3 is better than the ones that I already had. I use it mainly for VHF/UHF and it works fine in combination with Multipsk and adsbScope for ADS-B, ACARS and VDL2 reception. I intend to buy a satellite antenna in the near future so that I can also receive ACARS via Inmarsat. It seems that the v3 also performs well on HF but I haven't tried it yet.

Keep sending us your logs and other findings and keep safe.



## VOICE STATIONS

### E06

#### 15645/17470 kHz, 02-04/03-04, 0500/0600 UTC

951 837 62  
23114 68254 65277 38491 27379 22695 62348 44557 43210 39011  
78067 35543 68586 60583 71793 95516 35240 78085 31935 16699  
30140 30630 50413 15503 94407 94113 33150 28742 23116 73959  
32535 19702 14409 44444 12786 48763 41361 01793 84227 88267  
45050 23225 67194 86302 72233 49161 71861 09104 06114 30738  
04588 16755 63593 09868 36910 51880 57477 23984 98068 46010  
47051 52696  
837 62 00000

#### 15645/17470 kHz, 16-04/17-04, 0500/0600 UTC

951 732 60  
79876 29804 81698 13805 69289 05190 21221 29363 61705 64975  
31236 47671 58355 93610 00475 19771 26430 61992 33097 89886  
79106 71326 86778 79568 65040 44364 47603 55933 78274 18674  
15215 51155 24492 21666 96656 25433 04552 32034 32345 90583  
01255 57313 02604 36483 80264 82236 88204 26519 41125 67583  
83352 61248 79314 04201 84542 06455 45274 51888 03742 62788  
732 60 00000

#### 5186 kHz, 16-04, 2030 UTC

891 502 42  
45671 65736 96930 23572 72375 23672 92358 23653 29359 23659  
12345 23582 23692 60232 23658 23689 13245 23682 03956 01956  
69382 23765 83726 96874 27165 96844 43837 34572 28716 65896  
23876 26372 90684 76845 27252 13945 76845 94038 37265 57693  
48690 03856  
502 42 00000  
Windows XP shutdown sound

**13417/12117/10717 kHz, 01-04, 1700/1727/1756 UTC**

417 417 417 1 6990 204 6990 204  
84359 59381 01916 16571 41435 56241 68856 86590 73473 49291  
89871 99963 02298 27728 71802 94700 50075 85120 15111 13392  
23898 73031 76222 77430 11439 80683 94604 92953 73950 06882  
49811 18169 58765 01158 88953 28292 63797 46385 30777 10993  
31100 05477 69031 95615 50930 35805 25244 21410 34743 62796  
33624 60954 70128 38925 69106 45061 24149 83726 19872 27936  
56022 47836 24110 07444 58131 85796 72351 09746 32937 10119  
85485 41504 52478 33132 63861 52297 67348 44188 78303 68776  
19182 66906 38434 43634 00419 76303 13656 27611 30140 46598  
44727 81970 69163 50436 39199 38177 49204 79172 13860 18598  
03195 80925 29043 55359 01281 91594 26058 15530 29342 17319  
61001 91288 27627 44464 57196 31025 98467 17212 72872 76597  
67360 17826 79114 52853 51062 69366 79826 54178 27953 24077  
48513 23537 45558 62843 87444 96259 31409 88047 31114 88982  
76411 06627 87065 86900 54147 99306 99882 08499 57725 42579  
23291 81033 58221 25662 77738 89925 89391 32322 87787 73826  
83125 85800 20324 26451 72255 26003 04922 18652 20285 07968  
94964 05478 44742 22257 07251 05841 42367 70634 77186 04045  
05327 29997 09865 24476 78872 83716 53178 10354 08261 64236  
49546 88053 11031 94038 14690 56789 59536 42765 67724 15554  
38160 33509 81864 11507 000 000

**17453/18453/19653 kHz, 03-04, 0700/0720/0740 UTC**

446 446 446 1 124 58 124 58  
53896 57859 10024 34115 00471 54343 92515 11525 19847 67068  
80964 62642 16258 56544 40496 38077 55852 72950 77598 72279  
44289 75992 43696 14185 20647 09342 98868 65196 52846 87072  
14042 38759 29721 81253 84420 53138 31463 64560 61941 39927  
66820 94688 26081 33170 40031 83058 04135 67787 98958 27504  
41996 83041 86645 35760 37606 29991 25922 55009 000 000

**20574/19074/17474 kHz, 03-04, 1100/1120/1140 UTC**

504 504 504 1 9085 89 9085 89  
24541 36464 26599 22818 95149 73994 19109 68066 81972 31471  
93810 03491 27828 39371 48641 97130 96449 60949 93182 53729  
52206 33628 72986 44336 97222 09652 83565 96155 90464 49495  
66467 38219 54379 37242 63602 22612 19943 45626 38423 20149  
96925 35028 06777 11192 93988 84178 57587 63804 12677 25765  
72139 97211 70822 33289 81555 91308 27842 07368 83320 59652  
56305 65571 59775 14643 85796 14561 88329 17160 62934 52789  
44517 50661 86931 65441 56102 14072 92984 00721 79278 97006  
22858 53976 29591 16664 18307 99791 72495 24389 96062 000 000

**13417/12117/10717 kHz, 08-04/12-04/15-04/19-04, 1700/1727/1756 UTC**

417 417 417 1 280 197 280 197  
81475 76077 85143 08039 79268 21666 14502 37757 14627 33011  
93023 08127 80201 87145 80274 16944 88356 07915 52612 96016  
75150 55922 59475 58901 99140 85990 84485 69662 66658 04387  
76496 46994 11901 61711 70727 80349 00476 69737 36179 28469  
49721 76338 51564 45900 09759 10274 91115 28572 01867 36729  
43940 99562 31891 04722 64317 17912 05399 91907 60926 28708  
10969 46438 58594 43689 37598 44062 94580 42872 26755 93875  
88175 58310 62836 38244 90131 68817 98239 95040 52165 23519  
96850 58419 10385 27015 90706 82303 20556 34380 56943 87294  
19931 15395 42375 57281 10718 35260 28819 12400 31235 90120  
58045 25627 68494 58431 35851 49000 25438 77808 26123 54112

43006 30042 22687 15177 23983 58768 78024 54538 58942 37127  
14733 29794 39499 58334 83459 52909 91926 28743 25085 08540  
50040 00435 79621 96043 89812 62788 54840 48481 30880 13726  
79725 66785 89366 10424 99467 98593 48508 10115 36025 20994  
97771 57929 31957 18861 93465 51776 01857 65073 57764 93460  
91887 24637 72962 96059 46997 44635 55593 97024 61743 59667  
88317 82888 23406 94020 69710 56822 84167 40708 68411 65631  
33374 00611 57445 50189 46895 43656 14039 91497 51595 70728  
43824 63550 87563 75560 60814 28256 94740 000 000

**17453/18453/19653 kHz, 14-04/17-04, 0700/0720/0740 UTC**

446 446 446 1 161 206 161 206  
94505 96142 28642 95757 47837 59678 94635 43815 10006 08814  
43143 80572 13804 21389 83015 09810 25549 60895 48029 34049  
15476 00783 43071 51173 10875 50678 71600 69600 82931 05478  
10512 13811 33238 66762 67044 68781 85617 15035 08115 13071  
51332 30398 00712 16578 95872 38944 83931 96616 59251 41686  
39156 83838 81872 39262 95083 48784 35754 56191 37288 97526  
22072 72163 23943 23507 98440 47630 76937 78168 30573 08655  
23281 33364 45189 50213 44530 88430 67326 08767 39389 73318  
25397 95374 84681 38088 59727 69676 04189 61555 89317 49039  
28159 47814 72589 20344 43040 90195 03680 39757 06269 97882  
84286 62642 51812 04716 95731 85133 52333 59901 71902 77680  
24321 58695 56338 38544 17976 34963 33104 40102 31874 06004  
62830 35138 71474 64486 54491 31825 89539 43492 22780 56997  
65880 33420 83890 50035 31079 03611 01125 12743 50236 70661  
46248 92594 46167 08635 77547 30442 86006 40138 21306 24508  
27538 20562 63378 80195 16508 02996 97357 83546 64615 63461  
57759 96057 80027 55963 60482 41214 08409 70321 72920 76852  
64779 91781 61957 18539 32065 78501 59233 80020 36309 58063  
26062 63719 32368 80702 53009 50921 96303 45425 02789 69309  
65294 42466 01599 53878 97740 46971 72547 11382 28066 73610  
35065 08519 04038 66188 18146 86089 000 000

**20574/19074/17474 kHz, 14-04/17-04, 1100/1120/1140 UTC**

504 504 504 1 9560 24 9560 24  
12707 91209 07870 09830 77841 71566 78492 40748 77305 47103  
79212 13322 70971 19254 08902 99805 93498 85665 44464 95045  
28260 86616 26876 57065 000 000

**16331/15831/14831 kHz, 16-04/18-04, 1410/1430/1450 UTC**

893 893 893 1 364 64 364 64  
61605 35647 12163 07753 21815 38397 84925 64268 39592 54480  
72433 23918 65632 22588 93994 51668 88189 69472 90809 63573  
08952 91627 62184 51598 51463 32517 71802 80198 62480 24290  
72221 57920 34001 89873 01681 38037 25437 56156 28407 04091  
05748 70331 84426 21255 31903 02669 41307 21722 45031 10332  
13811 26579 91864 65309 86478 81039 32531 31466 18941 06252  
80370 43094 97382 70854 000 000

**15819/14419/12219 kHz, 20-04/22-04, 1900/1920/1940 UTC**

842 842 842 1 472 105 472 105  
06623 38670 99522 12012 51832 87152 67943 95024 88287 89550  
62648 92612 51178 50446 54734 83231 08260 91779 02927 21113  
85855 15855 53905 53697 87603 25835 11058 66317 78955 97354  
98980 38672 58292 06515 61848 21365 66136 08262 79677 74039  
72265 38049 55675 05072 00766 46522 05921 59597 37986 44938  
46638 57665 28084 23043 19278 75072 05076 01457 88357 90426  
97554 86777 86224 90698 61565 49646 26823 67615 72467 02262  
90011 45147 22674 54969 93171 97632 97139 37203 26827 64740  
35111 73928 79553 20846 15895 97504 79154 79952 27819 56455

12652 59333 74035 25678 39898 73155 39677 52262 50642 88206  
03395 62945 19978 69040 02700 000 000

**20574/19074/17474 kHz, 21-04/24-04, 1100/1120/1140 UTC**

504 504 504 1 411 78 411 78  
20631 25624 48143 24391 16486 20804 54239 26132 75250 04402  
76976 63349 32115 42210 71266 47174 86806 17388 97336 50984  
97925 47645 92384 45828 88400 84869 75619 72786 35495 11928  
22276 48661 74388 48891 26415 41394 73701 38327 12600 88308  
30099 56119 58781 30964 87291 23241 18771 05563 76706 56523  
53006 22894 24135 02309 98743 53953 27173 00653 53944 12143  
59906 98537 27990 58430 30329 40220 75666 45751 94831 59137  
61012 69654 54032 40474 92688 74100 89516 25459 000 000

**13417/12117/10717 kHz, 22-04/26-04/29-04, 1700/1720/1740 UTC**

417 417 417 1 9954 122 9954 122  
52379 06343 36370 02871 64179 62388 50844 17729 23150 22308  
05475 84870 18587 08645 67100 89266 42270 47633 83582 93290  
25667 53601 49372 34708 57439 59168 37050 15062 38527 67893  
13088 81751 70081 08044 22080 73878 99389 32386 47418 27614  
81612 61316 68486 41181 70867 63609 87637 84808 62677 06782  
99833 27714 30825 14924 23668 12499 41440 60979 43894 97018  
88065 90081 22518 13954 09984 65345 20941 73142 54368 99385  
26795 21809 42860 38576 56542 65896 51006 87551 81634 40716  
47466 22783 26111 27459 79454 50851 01070 28521 66260 51191  
00436 40612 45289 33901 30084 92124 62456 06022 01246 50249  
26232 84431 95999 05597 52331 94088 46670 36687 56674 40758  
47963 00620 22613 73048 07464 34279 47150 13874 39408 49168  
62573 22997 000 000

**17453/18453/19653 kHz, 28-04, 0700/0720/0740 UTC**

446 446 446 1 587 118 587 118  
10981 31281 73313 28334 63253 86887 15611 36659 08345 02590  
38576 73249 40306 70374 14476 39624 19365 79879 60757 86791  
41657 67455 25450 65185 13723 34847 66999 25183 60699 70297  
55950 63482 98325 24594 03184 19918 42361 96943 50335 12176  
68749 21856 43670 06148 58392 05581 39157 86136 25204 89396  
22695 96689 58440 63205 72126 33307 24201 90707 09840 69195  
48421 64657 86628 50864 28762 20549 90440 70723 92523 04651  
44948 75005 47993 78260 90527 95662 47953 68275 71057 75902  
74182 54710 82026 11844 70524 07024 18221 02971 43141 62439  
63793 05293 87734 61797 00240 88636 89768 22942 95572 16848  
46320 55776 45627 12012 46023 98965 08871 93123 74152 69726  
21447 40370 93087 01990 03096 07630 57934 96039 000 000

**E11a**

**6940 kHz, 01-04/02-04, 0930 UTC**

275/32 Attention  
99069 35302 24168 22713 67218 47635 23332 43521 97980 02955  
88411 96337 00343 11522 19914 72078 98041 07954 13962 69928  
96734 12775 63381 80630 87291 23642 49482 78113 45294 65501  
02544 90205  
Attention (message repeated) Out

**4505 kHz, 04-04/05-04, 1930 UTC**

368/33 Attention

79201 50023 38541 20852 87534 32116 07129 59418 71237 50088  
55691 41596 26200 46568 01864 83911 35252 11818 33596 34656  
89219 19896 79011 83353 37645 06699 71604 81459 12935 58373  
69611 60600 56590

Attention (message repeated) Out

**9963 kHz, 07-04/10-04 0715 UTC**

636/31 Attention

30022 65852 48590 00443 39257 86759 84816 23465 34327 54202  
95091 29658 16843 03699 82672 58283 76586 33156 48223 49037  
36626 82790 43033 46103 01307 25534 24824 00115 72197 26570  
93213

Attention (message repeated) Out

**6823 kHz, 07-04/08-04, 1205 UTC**

461/34 Attention

51285 79605 19908 41831 81430 88551 77832 76999 26032 79746  
17222 37951 84528 39064 99820 69644 71368 71825 74472 19150  
62975 46466 55041 52978 62184 38843 45047 47605 88636 76902  
12070 49021 20999 32593

Attention (message repeated) Out

**5082 kHz, 07-04, 1605 UTC**

232/38 Attention

24158 02494 93541 59285 43476 11898 94628 10135 47084 49244  
52219 64792 30290 47382 74454 00667 71771 45286 73387 51088  
94743 88794 36732 92809 17887 99209 89456 40748 32769 74622  
84070 70198 76342 98400 84380 42725 87004 71283

Attention (message repeated) Out

**5779 kHz, 10-04, 0435 UTC**

354/30 Attention

91022 05128 90350 40933 53699 81235 07995 00293 78837 67259  
50160 09652 83309 77348 07843 05262 73743 80458 27697 61447  
29570 08420 07094 74175 99557 51778 64597 22519 40595 85127

Attention (message repeated) Out

**8102 kHz, 11-04/12-04, 0710 UTC**

498/35 Attention

19331 99381 11048 91556 46867 27605 91262 28931 82008 59859  
93299 18769 87426 82703 84841 92975 64481 06926 16447 20119  
51393 66190 68682 73412 67839 27173 78815 72468 08766 35940  
30791 47198 46135 05137 20457

Attention (message repeated) Out

**5371 kHz, 11-04/12-04, 0805 UTC**

316/38 Attention

89250 92594 17871 04601 99702 51688 59452 34647 54546 17332  
94310 20323 30168 03940 95176 35261 25636 40037 15130 14293  
17641 81540 23904 62020 23796 18744 35689 77005 06118 31583  
87993 13552 93645 21109 17131 29001 01042 28976

Attention (message repeated) Out

**5082 kHz, 12-04, 1605 UTC**

232/38 Attention

24158 02494 93541 59285 43476 11898 94628 10135 47084 49244  
52219 64792 30290 47382 74454 00667 71771 45286 73387 51088  
94743 88794 36732 92809 17887 99209 89456 40748 32769 74622  
84070 70198 76342 98400 84380 42725 87004 71283

Attention (message repeated) Out

**12153 kHz, 13-04/15-04, 0640 UTC**

945/24 Attention

06220 18087 81926 05615 66717 05747 25647 47544 27741 71489  
12920 55731 14078 19842 04373 80038 39843 92267 99795 44599  
10934 44350 43133 61906

Attention (message repeated) Out

**12153 kHz, 13-04, 0830 UTC**

189/23 Attention

29355 02055 33124 99820 38082 67211 57057 52646 90409 62480  
22483 51913 10379 69825 84273 17135 47633 87420 61825 59532  
78760 14170 86733

Attention (message repeated) Out

**8180 kHz, 13-04/15-04, 0900 UTC**

538/32 Attention

19837 50609 16124 82498 09406 55603 34416 16421 83477 16412  
45505 99126 64054 18781 02385 09484 70656 15219 39427 94565  
80003 69779 98958 39295 79739 73020 11573 56459 50928 36294  
81044 82153

Attention (message repeated) Out

**13470 kHz, 13-04/19-04, 1745 UTC**

242/40 Attention

65481 04923 24563 67264 98455 74131 33551 22793 33819 59094  
21408 53809 02955 26410 70503 25497 61493 66428 49236 22821  
54396 03311 75569 01702 09488 44354 55598 95183 16207 15640  
59713 65639 75563 80054 40592 00729 79752 61052 78020 86095

Attention (message repeated) Out

**10800 kHz, 14-04/16-04, 0645 UTC**

515/31 Attention

58566 01220 97881 22827 51955 36405 96411 68669 16895 77764  
78239 46881 13082 34931 91047 88384 78450 51801 27830 48251  
15625 87859 11331 04476 11317 28399 69558 71279 21489 01141  
73317

Attention (message repeated) Out

**12202 kHz, 14-04/16-04, 0845 UTC**

151/36 Attention

24950 77061 96707 06543 33481 66583 53983 84864 94096 88999  
32868 32683 03364 58712 03477 88377 00262 66104 14918 46241  
30121 78560 58905 94230 01176 31898 14923 08052 06703 14958  
79234 41783 20402 38720 11323 90203

Attention (message repeated) Out

**7317 kHz, 14-04/17-04, 1000 UTC**

304/33 Attention

73687 85853 92453 28040 39110 50508 33588 93881 08229 29551  
87477 73746 55962 94666 17679 87229 92476 54769 72121 31781  
93484 78005 40993 65369 05788 49878 26913 01104 16074 48933  
82885 81656 60546

Attention (message repeated) Out

**9240 kHz, 14-04/16-04, 1700 UTC**

334/33 Attention

06640 58215 12345 71553 80046 72008 01482 94475 03913 86297  
61902 27337 34693 11240 38827 45373 67932 90588 28825 02519  
14838 78015 24727 44462 42636 90512 10477 29675 41531 49668  
56276 13076 28717

Attention (message repeated) Out

**17410 kHz, 15-04/17-04, 0745 UTC**

348/39 Attention

11288 21644 47344 43138 83934 44531 81698 44319 64683 57929  
99323 82384 68007 51971 50734 93892 95627 07039 31849 34900  
07518 37182 43491 72460 88535 35553 76620 85734 04027 71755  
46834 66523 55785 82520 67107 92315 46505 22400 81563

Attention (message repeated) Out

**4181 kHz, 15-04/18-04, 1705 UTC**

390/35 Attention

49934 48198 71920 99010 08584 53270 55696 04134 36046 30847  
07059 96879 91029 20920 70701 12946 14522 03396 83426 70362  
96943 86851 62529 56862 84466 45879 24378 25364 03938 69790  
29912 53110 91605 72437 58957

Attention (message repeated) Out

**12153 kHz, 17-04, 0830 UTC**

189/23 Attention

29355 02005 33124 99820 38082 67211 57057 54646 90409 62480  
24483 51913 10379 69825 84273 17135 47633 87420 61825 59532  
78760 14170 86733

Attention (message repeated) Out

**8530 kHz, 17-04/19-04, 1910 UTC**

616/33 Attention

34465 82274 15570 03215 50042 74336 21269 42608 23096 26374  
91332 77746 36517 03754 57811 72058 38238 94801 05060 85500  
50935 83178 52501 54194 94161 85205 85706 73632 48524 40488  
73266 01812 23401

Attention (message repeated) Out

**10213 kHz, 20-04/23-04, 0745 UTC**

267/35 Attention

41110 26879 46275 61161 20541 31245 95488 44314 04729 80993  
29301 13484 55061 00789 78480 59394 40527 04793 49255 85142  
20973 11885 69003 48419 96830 26088 05111 91734 82100 98780  
05140 48607 99376 24931 41761

Attention (message repeated) Out



**5737 kHz, 20-04/24-04, 1530 UTC**

528/33 Attention

98296 97640 64339 26969 68885 50425 01926 99798 52877 05923  
21226 42619 51145 25012 63067 91823 45220 94783 58485 58927  
11692 88212 12208 25292 64126 12647 14242 90465 99125 84007  
43639 29853 03216

Attention (message repeated) Out

**7317 kHz, 20-04/23-04, 1900 UTC**

648/36 Attention

38243 09877 05163 62468 73531 15176 06033 58925 35094 96721  
87953 34659 09129 35787 13550 76179 43107 67240 77497 29051  
74966 38484 13466 12732 21593 48677 30270 26437 26477 12022  
85139 10644 76479 33114 29222 17116

Attention (message repeated) Out

**8180 kHz, 21-04/24-04, 0700 UTC**

574/38 Attention

89659 03161 56314 43005 81834 72856 77599 21210 93117 41448  
87771 36405 17462 74952 39578 38709 85764 45351 04936 34884  
33881 57631 79424 92290 27309 60507 45295 31577 43323 39934  
01948 79241 06264 19950 32580 12852 74713 23386

Attention (message repeated) Out

**19184 kHz, 21-04/22-04, 0820 UTC**

130/33 Attention

38873 78327 66240 39700 51518 25223 78972 76962 08960 01093  
54084 19435 27830 53216 18010 38953 12602 28894 15501 12581  
71976 77809 68726 55111 61082 69557 03612 14337 38501 02443  
24958 93692 91159

Attention (message repeated) Out

**14972 kHz, 21-04/25-04, 1345 UTC**

911/34 Attention

02624 82098 75348 17120 96684 48656 00569 39347 93420 21078  
28086 72416 82532 03383 59462 63561 53802 01645 18620 64316  
13493 17941 88241 32134 69932 39200 98579 58773 31275 32112  
00212 55525 05139 84185

Attention (message repeated) Out

**6923 kHz, 22-04/26-04, 1625 UTC**

978/32 Attention

42478 58049 49065 27408 50045 23652 78633 11957 20979 88924  
28315 89690 51882 73467 44764 79245 65889 67523 36715 32349  
54770 20311 70582 89770 77193 59718 12371 58250 06657 27325  
92199 53304

Attention (message repeated) Out

**5941 kHz, 23-04/24-04, 0820 UTC**

438/39 Attention

45333 66292 91656 61400 37936 88413 21700 64559 69569 44513  
33466 60146 19134 55576 15266 90319 16432 46430 57300 83694  
09554 67010 95442 28062 88527 58828 03675 06513 80031 10900  
43593 89078 06294 55013 60375 41664 34656 90559 93720

Attention (message repeated) Out

**11116 kHz, 24-04/26-04, 1650 UTC**

927/31 Attention

33213 22896 68771 58525 61103 20210 60386 31370 19650 48124  
77327 54500 00520 73162 67842 04480 52505 02665 86464 05218  
07609 92245 00353 08797 42644 38518 73454 55012 11681 66482  
77186

Attention (message repeated) Out

**5371 kHz, 27-04/30-04, 0450 UTC**

413/33 Attention

40368 64756 52653 93525 96774 25866 86674 07802 13301 20014  
06481 07992 73718 04502 12843 91231 78736 23347 06570 64459  
02455 30622 94663 43232 62293 10747 51676 20999 67790 63883  
24899 96422 97336

Attention (message repeated) Out

**7317 kHz, 27-04/29-04, 1045 UTC**

692/28 Attention

78358 68472 27185 19946 72611 64187 24656 36018 04935 39981  
67496 08296 96708 70368 16600 60389 06031 09149 51100 46697  
66974 02066 22221 18009 46787 62453 54003 27184

Attention (message repeated) out

**14865 kHz, 28-04/30-04, 0745 UTC**

229/36 Attention

61617 95881 18010 17868 66526 69890 81495 89956 60967 86834  
50535 73245 25116 59539 82836 14044 41525 74744 96860 91641  
57948 20928 97992 55503 85084 15174 94632 70766 89976 10033  
81461 80982 59479 76669 66569 86157

Attention (message repeated) Out

**E17z**

**14260/12930 kHz, 02-04/09-04, 0800/0810 UTC**

217 846 5 88620 58069 61732 74537 54440 846 5 00000

**14260/12930 kHz, 16-04/23-04, 0800/0810 UTC**

217 439 5 14663 65564 67269 47059 49848 439 5 00000

**14260/12930 kHz, 30-04, 0800/0810 UTC**

217 217 217 00000

**G06**

**5934 kHz, 09-04, 1830 UTC**

**5937 kHz, 23-04, 1830 UTC**

579 902 45

12435 76426 05698 65615 65790 43483 23453 83874 12453 16452  
68716 08343 24102 88748 72657 03126 73561 61123 87122 83823  
84774 61251 87891 23437 94526 13242 17964 43525 12121 21198  
64265 42346 56781 44322 38764 32145 63451 22344 56944 13368  
78265 14368 12346 73416 32442

902 45 00000

Windows XP shutdown sound

**5442 kHz, 10-04, 1930 UTC**

**5442 kHz, 24-04, 1930 UTC**

947 902 45

12435 76426 05698 65615 65790 43483 23453 83874 12453 16452

68716 08343 24102 88748 72657 03126 73561 61123 87122 83823

84774 61251 87891 23437 94526 13242 17964 43525 12121 21198

64265 42346 56781 44322 38764 32145 63451 22344 56944 13368

78265 14368 12346 73416 32442

902 45 00000

Windows XP shutdown sound

## **S06**

**11487/9412 kHz, 04-04, 1300/1330 UTC**

**13945/11128 kHz, 05-04, 0930/1000 UTC**

480008 369 41

36926 77384 32258 43795 81190 22191 26184 16869 81013 09636

67421 97700 61483 28452 43208 78646 87173 43262 04309 72604

46472 76509 47464 91755 34140 31170 87099 87476 50135 80378

80378 72604 93390 46472 76509 47464 91755 34140 31170 87099

87476

369 41 00000

**11487/9412 kHz, 11-04, 1300/1330 UTC**

**13945/11128 kHz, 12-04, 0930/1000 UTC**

480 571 42

50440 33147 78759 64791 17214 63791 24926 19009 37644 43254

61188 95389 50048 29275 46166 33523 55941 82452 21222 19101

00621 22894 94543 02359 17202 33903 47724 13863 70931 67461

57923 15689 38290 64137 99288 71561 84703 48826 40681 18838

93248 06973

571 42 00000

**11487/9412 kHz, 18-04, 1300/1330 UTC**

**13945/11128 kHz, 19-04, 0930/1000 UTC**

480 269 43

89817 46338 63102 37871 29829 19860 90023 39302 58963 10418

99625 71339 69531 12708 92028 19160 26665 57693 44576 21605

38872 29052 63405 35848 23128 89060 02032 02521 55044 77254

46472 76509 47464 91755 34140 31170 87099 87476 74804 95315

02032 01790 18411

269 43 00000

**11487/9408 kHz, 25-04, 1300/1330 UTC. 9412 kHz expected**

**13945/11128 kHz, 26-04, 0930/1000 UTC**

480 731 44

84385 02233 32666 02585 01921 66086 88729 54680 04965 79335

64950 21574 35374 12860 46909 92803 54055 87690 92227 73725

26084 47466 34377 10233 10401 79513 57755 49501 13643 28472

25984 41166 70541 92449 13303 85017 16590 36384 51092 13958

34818 96901 72436 47109

731 44 00000

## **S06c**

16283 kHz, 29-04, 1020 UTC: 11214

12183 kHz, 29-04, 1030 UTC: 11214

## **S06s**

11565 kHz, 21-04, 0740 UTC. Should be on 11560 kHz

427 831 5 21767 53672 11834 81022 36903 831 5 00000

12514 kHz, 30-04, 1200 UTC. Carrier only. No audio

14212 kHz, 30-04, 1210 UTC. 175 175 175 00000

## **S11a**

### **11116 kHz, 06-04/08-04, 0510 UTC**

652/34 Vnimanaye

65534 14226 18834 35023 47479 06360 20095 97366 52469 74371

84260 88199 09293 69120 58335 82870 44630 27902 51801 33484

74013 32956 30678 08932 58843 37520 27781 74165 54529 31321

44432 84693 75331 12145

Vnimanaye (message repeated) Konets

### **10213 kHz, 08-04/11-04, 1850 UTC**

281/34 Vnimanaye

84643 54667 68504 27331 44582 56462 96775 28227 10428 15172

21140 81319 29712 80524 22060 31219 38674 06998 25072 95405

61331 03876 23165 61863 00410 41940 60043 23225 17880 04787

94189 75243 84479 25939

Vnimanaye (message repeated) Konets

### **6433 kHz, 15-04/17-04, 1100 UTC**

379/40 Vnimanaye

90371 63526 10530 49618 13506 78851 22260 39101 05416 87480

03681 22922 26685 93021 16949 57681 37109 66469 23571 12547

94134 28826 30693 30447 18376 47707 03767 90530 36437 57431

03286 75417 03396 34471 93660 12339 26911 91311 41200 00147

Vnimanaye (message repeated) Konets

### **4505 kHz, 20-04, 0915 UTC**

480/37 Vnimanaye

43283 81176 67057 15475 89339 40687 37718 67502 76031 43323

23659 68810 07551 31564 31563 89271 75613 69462 70753 95625

49148 50724 23395 49470 33360 15580 55793 05032 08354 14207

34646 82892 90977 97435 50898 19583 91682

Vnimanaye (message repeated) Konets

### **7469 kHz, 21-04/24-04, 1020 UTC**

420/33 Vnimanaye

98178 29876 67754 94609 31327 85350 89359 08609 97282 43593

72426 23835 87512 06991 28753 34738 95611 53543 75782 57472

58336 28478 80092 45624 94106 94581 76920 78745 39851 77351

56091 43608 52617

Vnimanaye (message repeated) Konets

**8597 kHz, 27-04/30-04, 0700 UTC**

479/33 Vnimanaye

51147 84733 23846 12454 52836 56047 29905 47141 12083 69402  
 13428 17946 34281 59306 38924 09793 28252 90156 09675 12196  
 58794 64451 59388 63781 69911 59465 41007 21382 39561 68646  
 40819 10541 05718

Vnimanaye (message repeated) Konets

**V07****12218 kHz, 12-04, 0300 UTC**

254 254 254 1 3215 109 3215 109

27695 11059 65391 47807 93614 24959 00651 80603 58864 51173  
 97119 49064 90919 67623 30171 05413 88450 57796 22869 03604  
 43281 95587 26962 88844 95119 40039 84248 06559 80891 54325  
 16786 13266 03886 84209 33807 06449 84500 16870 71369 98851  
 88938 64331 08175 30375 83574 49320 56023 45235 19177 66313  
 80367 07240 36074 23862 51075 80621 73268 00874 93049 95206  
 74485 36908 41342 99193 80611 53438 27178 65043 54504 87228  
 88828 36193 07548 41456 89977 47293 91243 26839 67649 66186  
 46633 63251 64464 12140 66568 40232 31056 17661 06351 67315  
 27878 22173 69919 32402 10785 20544 11801 17722 12417 83781  
 82792 67507 11470 64921 84484 26715 05103 05914 79450 000

**MORSE STATIONS****M01****5475 kHz, 02-04, 1800 UTC. 31 groups sent vs the announced 30. No separators after the message**

463 715 715 30 30 = =

35467 85674 22094 15367 15376 88476 09389 57633 98477 09857 64738

53654 29801 37648 85004 47362 47633 93365 84761 21138 34209

35426 84473 21986 21935 45361 25361 93460 53460 pause 53627 74208

36286

715 715 30 30 000

**5020 kHz, 02-04, 2000 UTC. 29 groups sent vs the announced 30**

463 728 728 30 30 = =

75876 23109 36521 95487 44638 09688 35287 36278 08846 46372

98500 11637 64839 48739 47219 85560 28739 43198 94627 81028

50988 47285 28704 64309 28718 38729 6673 02743 84930

728 728 30 30 000

**6260 kHz, 04-04, 1600 UTC**

27245 58550 06487 71721 93158 54299 01179 34366 56687 pause

EEEEEEEE EEEEEEEE 408 (R) 463 463 463 463 463 408 408 30 30 = =

17245 58560 06487 71721 93158 54299 41179 34366 56687 87949

05936 75286 94584 10411 92810 40630 69234 69290 56215 24994

74692 50045 44612 02518 89111 49078 47830 38362 57742 10370

408 408 30 30 000

**6510 kHz, 05-04, 0700 UTC**

463 633 633 = 30 30 = =

18404 09717 13922 24669 87046 10517 78294 48480 84344 25973

30633 94639 65081 25292 91043 02827 60969 79105 49892 35695

78881 63545 75604 88193 35748 50078 60706 96752 47231 53923

633 633 = 30 30 000

**5475 kHz, 07-04, 1800 UTC. Different repeat and errors in red**

463 377 377 30 30 = =  
65608 40608 10414 37766 28594 18224 18006 74061 17217 41241 31600  
42760 28090 70299 03432 67477 11500 26292 53499 29940 86742  
09822 49058 17111 69990 81333 50561 51710 43347 21462 31664  
= = 377 377 30 30 000

**5020 kHz, 07-04, 2000 UTC. Different repeat in red**

463 115 115 30 30 = =  
73882 53967 90754 40631 25971 96303 34193 85334 63031 17640  
93821 58084 80534 97630 63892 39771 64005 34926 22332 36595  
36443 14240 56854 09804 50946 76854 55678 86927 49960 79960 85001  
= = 115 115 30 30 000

**5475 kHz, 09-04, 1800 UTC**

463 249 249 = 30 30 = =  
77242 31289 71392 67614 61918 45984 77891 36296 17651 77168  
43603 62407 04378 86155 78106 79396 19921 99546 73795 73504  
33475 00118 36927 23775 59517 82431 39871 76061 91997 44048  
= 249 249 = = 30 30 000

**6260 kHz, 11-04, 1500 UTC**

463 374 374 30 30 = =  
58560 36844 98682 65900 74668 85419 65486 77070 54376 01126  
10539 74732 71291 49016 82723 72378 49683 50695 40395 22517  
= = 374 374 30 30 000  
Sent only 20 groups vs the announced 30

**6510 kHz, 12-04, 0700 UTC**

463 151 151 30 30 = =  
77888 64725 12526 48309 53251 00107 57749 31991 00423 89187  
23311 42627 74388 36308 73273 18068 99994 83920 69315 56902  
38948 06458 11897 86870 68281 91091 06738 62122 87626 82978  
= 151 151 30 30 000

**5475 kHz, 14-04, 1800 UTC. Different repeat in red**

463 731 731 30 30 = =  
95759 58495 42891 40589 63531 42528 00521 97275 41065 72011  
59282 93576 99644 86057 66949 19369 19292 69142 73662 73661 80516  
35850 54251 01349 56053 98774 50918 03426 18399 68667 35263  
= = 731 731 30 30 000

**5020 kHz, 14-04, 2000 UTC**

463 717 717 30 30 = =  
05279 78354 10962 23180 83395 35804 92425 61786 40385 19260  
38682 15597 61864 54760 66933 44411 14215 79704 54355 14200  
99579 40676 77743 54000 02573 14162 21772 72597 54041 71042  
= = 717 717 30 30 000

**5475 kHz, 16-04, 1800 UTC**

463 320 320 30 30 = =  
74620 50535 16005 25229 46122 96569 94960 25870 49033 94132  
48235 99651 74761 69986 26320 42566 99701 36764 92358 20114  
06195 03224 62803 20432 81029 19262 06549 18291 04714 88042  
= = 320 320 30 30 000

**5020 kHz, 16-04, 2000 UTC**

463 335 335 30 30 = =  
 16127 07299 82804 99740 38023 96683 36635 28727 32560 81636  
 59709 92744 10442 33253 52920 83088 04899 04497 32876 52085  
 72350 87632 00691 35806 93787 66982 96027 52042 07885 45450  
 = = 335 335 30 30 000

**6510 kHz, 19-04, 0700 UTC. Different repeat in red**

463 412 412 30 30 = =  
 10932 17617 14210 93376 82507 16627 52143 48869 45528 64978  
 34373 94037 73710 95210 97952 03060 33565 63487 02830 45552  
 49381 75841 98515 60914 56612 78578 **785778** 29235 74213 41587 51194  
 = = 412 412 30 30 000

**5475 kHz, 21-04, 1800 UTC**

463 117 117 = 30 30 = =  
 78355 11621 35390 54694 52098 85463 03507 06766 96225 26424  
 78443 93501 42711 35679 52511 30547 24718 37373 31583 32670  
 49367 77225 75842 15685 29020 06290 16021 22605 39692 72244  
 = = 117 117 30 30 000

**5020 kHz, 21-04, 2000 UTC**

463 251 251 = 30 30 = =  
 64450 55779 76529 87869 51204 50381 97105 89764 71876 17851  
 60025 98736 70646 (700646) 51146 74038 41038 43028 86934 87881 34374  
 60891 79420 16363 93897 65646 46721 61157 15077 58343 55782  
 = = 251 251 30 30 000

**5475 kHz, 23-04, 1800 UTC. Error in red**

463 365 365 30 30 = =  
 36635 20284 26212 55209 84279 34198 13112 31662 77913 41150  
 67929 61591 92794 03876 12895 84212 62842 88356 26878 28859  
 23584 65636 **4193336** 41936 01117 02882 32928 82299 89798 63737 75635  
 = = 365 365 30 30 000

**5020 kHz, 23-04, 2000 UTC.**

**All groups were sent twice except for group eight which was sent once. Different repeat in red**

463 0 277 277 30 30 = =  
 27387 71688 08406 41471 32449 59878 **49878** 38520 38520 22847 75990  
 89113 67926 97225 17651 51535 63880 21444 67506 29255 17847  
 10011 04317 77701 01835 33619 12418 79490 30229 09432 56169  
 = = 277 277 30 30 000

**6260 kHz, 25-04, 1500 UTC**

463 121 121 = 30 30 = =  
 64458 54757 28518 17195 09885 98840 63426 54365 44045 54231  
 99619 69704 31699 60425 88816 09030 12152 44844 84668 67813  
 62755 41720 01969 12650 86937 59458 62175 46413 44205 16427  
 = = 121 121 = 30 30 000

**6510 kHz, 26-04, 0700 UTC**

463 218 218 30 30 = =  
 97941 62881 28581 53778 73300 63241 64320 81395 93957 42760  
 62882 65970 35351 45003 84605 55272 43646 17690 37400 55502  
 02861 72140 80864 28834 77683 33185 59301 08676 57612 34718  
 = = 218 218 30 30 000

**5475 kHz, 28-04, 1800 UTC**

463 812 812 30 30 = =  
 40351 59395 70344 03121 96820 10229 41719 22360 83184 01969  
 24428 74477 86284 95637 75415 55123 29801 38136 90848 02403  
 62428 82310 26377 76630 78527 31021 65464 87659 08212 33629  
 = = 812 812 30 30 000

**5475 kHz, 30-04, 1800 UTC**

463 711 711 30 30 = =  
 83473 41833 81972 44675 64594 14837 59144 04074 48988 60399  
 31210 28517 81803 11316 23340 27013 26223 42740 86991 24716  
 09863 19629 01445 49335 22336 99401 66163 38009 06252 88260  
 = = 7.. 711 711 30 30 000

**5020 kHz, 30-04, 2006 UTC, i.p.**

59752 04957 69300 51086 46195 38962 14749 15949  
 04722 37541 54815 07126 60064 51692 07551 98100 95280 02612 48053  
 = = 728 728 30 30 000

**M01a****10233 kHz, 14-04, 0623 UTC**

354 354 354 78505 78505  
 354 354 354 79326 79326

**9447 kHz, 14-04, 0628 UTC**

354 354 354 88058 88058  
 354 354 354 81996 81996

**4197 kHz, 14-04, 0703 UTC**

337 337 337 87400 87400  
 337 337 337 81002 81002

**4151.2 kHz, 14-04, 0729 UTC**

982 982 982 26819 26819

**4894 kHz, 14-04, 1158 UTC**

333 19008 19008  
 111 999  
 132 10 = 14156 15154 01354 30012 98755  
 41258 14487 63201 42136 46985 = 132 10  
 111 15154  
 111 000

**4894 kHz, 16-04, 0840 UTC**

657 657 657 19087 19087  
 657 657 657 333 19087 19087  
 111 999  
 807 10 = 51327 49854 12354 79869 45602  
 13576 84510 32786 45213 14789 = 807 10  
 333 111 000

**5211 kHz, 16-04, 0848 UTC**

895 895 895 23444 23444  
 895 895 895 22744 22744

**9047 kHz, 17-04, 1310 UTC**

198 198 198 36680 36680  
 111 000

**9075 kHz, 18-04, 1213 UTC**

637 637 637 333 48  
 111 000

**6847 kHz, 20-04, 0733 UTC**

875 875 875 79222 79222

**9051 kHz, 21-04, 0743 UTC**

751 751 751 67267 67267

**5852 kHz, 21-04, 0800 UTC**

768 768 768 64523 64523  
 768 768 768 65657

**5847 kHz, 21-04, 1144 UTC**

278 278 278 86805 86805  
 278 278 278 87463 87463

**5867 kHz, 21-04, 1215 UTC**

893 893 893 45123 45123

**4934 kHz, 22-04, 0707 UTC**

839 839 839 43322 43322  
 111 000

**M01b****3510//4605 kHz, 02-04/09-04/16-04/23-01/30-01, 1830 UTC**

201 342 342 32 32 = =  
 84937 47638 09958 47382 47839 47638 84031 21436 93847 90361  
 66478 34201 38729 94873 04709 31352 84264 03764 38722 53772  
 10026 73878 53920 48399 00488 27368 22315 36280 26154 27693  
 27665 29343  
 = = 342 342 32 32 000



**3715//4570 kHz, 02-04/09-04/16-04/23-01/30-01, 1940 UTC**

477 342 342 32 32 = =

84937 47638 09958 47382 47839 47638 84031 21436 93847 90361  
66478 34201 38729 94873 04709 31352 84264 03764 38722 53772  
10026 73878 53920 48399 00488 27368 22315 36280 26154 27693  
27665 29343  
= = 342 342 32 32 000

**3625 kHz, 03-04, 1902 UTC. Nothing on 4940 kHz. Wrong message**

153 707 707 34 34 = =

87238 71711 31248 67025 63323 64606 14750 76689 61321 32722  
51941 85382 40793 38498 22301 15921 27743 96462 25476 75991  
00013 34775 21262 77914 05144 02209 05140 22091 83245 14241  
94111 00961 87893 48697  
= = 707 707 34 34 000

**3625//4940 kHz, 10-04/17-04/24-04, 1902 UTC**

153 342 342 32 32 = =

84937 47638 09958 47382 47839 47638 84031 21436 93847 90361  
66478 34201 38729 94873 04709 31352 84264 03764 38722 53772  
10026 73878 53920 48399 00488 27368 22315 36280 26154 27693  
27665 29343  
= = 342 342 32 32 000

**3520//4585 kHz, 03-04, 2010 UTC. Wrong message**

153 707 707 34 34 = =

87238 71711 31248 67025 63323 64606 14750 76689 61321 32722  
51941 85382 40793 38498 22301 15921 27743 96462 25476 75991  
00013 34775 21262 77914 05144 02209 05140 22091 83245 14241  
94111 00961 87893 48697

**3520//4585 kHz, 10-04/17-04/24-04, 2010 UTC**

582 342 32 32 = =

84937 47638 09958 47382 47839 47638 84031 21436 93847 90361  
66478 34201 38729 94873 04709 31352 84264 03764 38722 53772  
10026 73878 53920 48399 00488 27368 22315 36280 26154 27693  
27665 29343  
= = 342 342 32 32 000

**3535//4590 kHz, 06-04/13-04/20-04/27-04, 1810 UTC**

420 342 342 32 32 = =

84937 47638 09958 47382 47839 47638 84031 21436 93847 90361  
66478 34201 38729 94873 04709 31352 84264 03764 38722 53772  
10026 73878 53920 48399 00488 27368 22315 36280 26154 27693  
27665 29343  
= = 342 342 32 32 000

**3645//4455 kHz, 06-04/13-04/20-04/27-04, 1915 UTC**

771 342 342 32 32 = =

84937 47638 09958 47382 47839 47638 84031 21436 93847 90361  
66478 34201 38729 94873 04709 31352 84264 03764 38722 53772  
10026 73878 53920 48399 00488 27368 22315 36280 26154 27693  
27665 29343  
= = 342 342 32 32 000

**12162/11566/10711 kHz, 01-04, 1710/1730/1750 UTC**

546 546 546 1 6781 108 6781 108  
53958 62780 30671 54402 58626 11040 98482 40773 84259 57225  
21188 66686 52281 55856 56674 15120 49797 86595 73817 61444  
99660 65447 05381 64202 80999 17498 91680 52191 32114 19091  
19325 90778 80457 99576 43389 68747 16486 07321 55412 27635  
24337 85539 12296 25697 25361 89166 92395 73118 42029 23440  
70662 60718 84870 98248 84502 05068 55769 85768 66929 03329  
40951 24642 10032 37281 40551 25212 61764 55146 39347 65605  
31515 34438 71425 92387 85717 57175 68258 56611 00769 24188  
32736 73430 53681 89930 25276 78125 05291 40981 12205 64840  
35875 79069 82189 01776 89019 03229 30612 57433 40292 90405  
57172 34685 47875 86064 26342 76090 08173 69898 000 000

**10904/10204/9304 kHz, 02-04, 0700/0720/0740 kHz**

923 923 923 1 9251 126 9251 126  
60867 94360 99005 97714 09495 23743 37147 20987 28062 80933  
92904 51614 64524 57472 04775 85553 93650 06765 61168 35534  
58886 63497 25446 73419 92403 06236 43623 54472 14911 41909  
05853 63500 15853 71561 28577 64831 80407 11981 59402 71448  
01824 43639 55059 60653 10433 28724 06452 58430 80637 41492  
66654 44039 78563 91704 03138 28906 25399 96381 58543 47985  
73179 54557 09927 63903 72498 97444 09851 38247 54567 06739  
31391 37372 02725 14811 27467 70896 51680 93934 15694 39050  
36229 72589 17259 86796 88893 17505 99534 50537 52903 62546  
60877 18164 27096 30263 67872 74110 65345 83770 43637 50900  
83466 43052 37070 34910 96881 43210 50650 66626 38621 94070  
41079 76353 29595 00399 32646 75968 58631 12818 21409 76287  
60056 45254 58884 68426 11584 42678 000 000

**12162/11566/10711 kHz, 02-04, 1700/1720/1740 UTC**

546 546 546 1 5300 108 5300 108  
45997 43050 01357 05311 58844 34722 36855 54184 54120 24808  
71909 67554 05837 32892 64475 07542 96735 17859 88544 96756  
95882 26249 91124 38485 64304 78035 49073 48912 54460 66390  
11990 41734 46984 91490 58360 10707 15024 39168 20577 84510  
52394 28388 34763 85641 00718 53581 74592 92171 46274 72939  
27100 54109 92561 89734 64826 37961 23198 93497 40082 20665  
84592 89846 74596 50672 54869 54003 31312 88260 04039 05116  
24840 46806 48803 60468 68972 03568 02831 82908 29196 16992  
91439 35119 00126 10495 31376 76000 43548 98447 21718 17935  
11048 87772 65015 65737 35012 23194 97759 23059 10610 70661  
69561 51826 46832 98512 34235 28814 27578 92133 000 000

**12162/11566/10711 kHz, 02-04, 1800/1820/1840 UTC**

546 546 546 1 9194 109 9194 109  
66463 82373 16710 40751 70657 02146 72638 28190 06176 84636  
90187 09992 60806 99427 59850 08988 66877 60758 29164 08117  
90351 91686 10006 92029 81835 67100 27719 52267 43987 18104  
77818 71905 20674 32900 69455 51063 76052 59621 42215 47243  
98008 83363 51367 59048 46795 47290 89534 85074 16995 39539  
46759 21143 10354 65029 09307 86732 41906 22032 74533 03449  
89349 52681 53829 91292 45601 54076 42233 57401 95126 36243  
80425 22323 12916 21483 27282 83338 91547 47081 34170 76063  
11301 17696 98943 96531 41670 75485 23796 78435 60012 44730  
01658 05503 63844 61975 11274 30455 37175 06105 22499 32566  
24079 29815 91049 91183 99913 87280 14792 87487 17055 000 000

**14837/13937/12137 kHz, 06-04, 0010/0030/0050 UTC**

891 891 891 1 7012 16 7012 16

29592 85103 67002 28621 86041 26960 18729 53863 13006 84600

30745 40379 92200 75429 39764 30310 000 000

**18524/17424/15824 kHz, 01-04/06-04/08-04, 1400/1420/1440 UTC**

548 548 548 1 5599 110 5599 110

76607 98471 44070 43439 49617 30157 46374 35103 44872 15168

26272 44620 28235 55742 50160 10012 12130 31221 20334 59180

13520 54641 77383 88980 51907 96965 82150 09273 05548 75339

49783 23245 69912 76150 70605 76659 41633 41543 68610 98810

03793 96909 66648 58326 96359 76672 30193 59567 28455 77108

97442 22385 63705 42410 45951 67676 90299 45049 71564 03935

44351 69561 87799 81646 36201 08894 32002 36550 62311 32649

88817 82163 22597 52057 85262 96367 47473 33937 33455 07446

17739 10916 97872 37205 57570 00442 68881 63945 61949 04300

53168 72091 65368 05403 22895 41896 26961 65429 58632 98912

20119 06360 14062 24381 54642 35267 58557 76565 76285 12874

000 000

**6854/8154/9354 kHz, 07-04/10-04, 0030/0050/0110 UTC**

813 813 813 1 7234 95 7234 95

58580 38307 92507 94024 28171 51996 54784 65065 71319 93703

51640 25649 91958 23280 26624 99922 43915 67380 81723 85594

98536 89740 91958 31619 66322 49708 67915 71895 40767 84208

77468 70863 90142 44362 68359 98346 75938 34774 06200 16764

71703 35581 86344 83548 89386 98439 94500 95899 68754 97382

58720 64229 55257 94651 16715 46907 56518 42001 56360 15040

03965 65561 70349 48506 07429 64649 13221 57553 45416 97554

91873 88742 78925 34429 40594 16839 89098 18581 41020 98226

12335 97829 98292 78958 26901 01316 21256 40237 24317 30936

59287 83836 05536 65031 76266 000 000

**7807/9207/10507 kHz, 07-04/12-04, 0500/0520/0540 UTC**

825 825 25 1 9354 125 9354 125

48823 36711 05343 91390 79798 25281 13581 81819 43097 07943

03539 09193 87740 68613 03717 44944 30102 75153 33009 67982

86817 59082 95929 55130 42884 91700 33295 60820 07939 85145

61132 28841 10978 58981 09920 25150 48583 00861 71169 16972

40070 93543 13877 15964 20016 25343 34618 06719 10063 58346

14516 72074 68800 81052 27041 39096 43757 67252 34244 41180

12244 93011 67996 43887 03524 31634 29533 70090 05955 52202

32286 20484 00726 95493 95226 81996 45358 06894 38594 86519

76319 08316 22557 30395 97821 35539 87475 99671 53695 53417

07222 39677 24149 16475 20558 78266 01823 02042 04470 40752

60477 77253 81818 01884 16980 05199 76132 17755 21202 42170

44975 88829 61558 67261 45916 13458 97073 70068 31070 46130

38016 38745 41296 27683 72877 000 000

**9317/10484/11552 kHz, 07-04, 0530/0550/0610 UTC**

135 135 135 1 1083 110 1083 110

37747 90232 41815 10730 26477 73774 66613 60592 88463 76730

89404 62969 53586 84678 04802 32830 16366 71676 31897 53505

29049 31470 44668 99819 78905 96836 96787 16873 67862 95217

65307 40990 72011 86796 30183 09286 43650 42602 16976 36754

27354 53576 57035 35506 59664 60319 42643 70104 07847 35613

70798 20607 50382 20698 24455 80280 04281 35751 63029 03015

39630 35140 17707 07568 73081 93254 50037 17877 73359 95959

27337 99821 93694 16435 29790 39491 33661 76767 29668 37407

21696 39423 94908 57976 48853 33006 65319 17698 72527 70582

67642 33163 08357 30716 80089 22575 27280 99985 85068 98054

72424 57850 07400 26548 40958 39309 32038 02034 11474 01055

000 000

**10904/10204/9304 kHz, 07-04/09-04, 0700/0720/0740 UTC**

923 923 923 1 9261 150 9261 150

79702 27628 96786 55495 40583 52416 08202 13001 18009 37837  
89817 38770 63382 32331 47125 67269 96431 93240 21911 69724  
76901 06998 37615 86699 67118 23271 37908 30863 66632 75019  
39480 95908 76196 25673 64969 39090 18667 76693 05875 07050  
68208 12933 05300 31870 19889 92842 83463 94024 05794 81717  
72131 45985 50338 60770 03599 69317 98031 30907 31735 95240  
37452 27994 00560 10640 09176 29260 30985 59382 33703 01529  
41682 14848 32403 23045 94235 26969 08014 45856 88925 84174  
10013 71591 60025 96380 61322 57721 04133 00892 40968 99855  
73406 93216 62304 10959 36654 56536 96597 90567 72239 55237  
38018 73831 30331 44102 35888 14636 55883 30620 95253 37227  
63198 58806 69167 04465 07781 05955 27901 51987 91101 86708  
66710 66262 03796 87890 53884 72708 52670 59735 85980 00739  
62458 05954 01567 17231 63562 47777 12300 07980 23817 76298  
19813 60196 04404 35763 68013 58081 15487 64207 69083 18795  
000 000

**12174/11474/10974 kHz, 08-04/10-04/15-04/17-04, 1210.1230/1250 UTC**

149 149 149 1 155 134 155 134

08546 47227 81762 60227 42784 10321 91186 68208 85440 65903  
89178 23703 18916 63063 13662 96956 04734 36832 39137 81181  
38219 56219 01890 71049 26982 96647 00647 85403 85918 46901  
04212 07158 26609 63890 52696 93187 18561 20192 63399 77562  
39082 58596 76755 59526 87589 26443 55217 95110 59828 86678  
08694 88460 13268 63729 85411 68143 45747 69824 97526 55327  
87841 96502 09516 15083 83060 87131 78316 91595 09554 65658  
92737 39973 31794 14282 83431 31522 83265 13108 82193 86458  
13358 71143 75664 93277 35188 99989 02211 34564 13492 50465  
57262 53040 16583 57625 73121 68315 65986 83051 11305 77276  
24095 89685 74237 53619 26783 24636 56795 68453 93363 92759  
43913 58050 32201 32720 93966 29185 55335 51495 80845 73162  
93601 50312 27281 55775 46533 55420 30634 58804 76845 57222  
46691 25463 12980 16108 000 000

**12162/11566/10711 kHz, 09-04, 1700/1720/1740 UTC**

546 546 546 1 2375 111 2374 111

60280 74437 10708 32029 15939 76084 09752 20668 12009 67173  
53185 00993 14697 23176 25348 95943 04258 67892 11736 75026  
25310 90696 41563 61100 44254 18071 34670 41149 60927 06000  
54022 83779 19983 04768 50714 35984 47075 94441 03347 61197  
58415 57879 34824 39123 50348 16238 14918 63620 15658 64194  
60851 55933 84597 95748 01911 93861 65281 15392 03582 70778  
07614 50742 27317 32676 42717 65084 85071 88146 07970 30309  
54914 80437 90893 66508 40105 62914 61999 46932 84867 08933  
65315 42957 50381 70999 06170 02535 82677 08845 16456 80940  
09043 93504 27699 34511 92447 32612 93035 82137 72692 40453  
44730 74570 77495 97341 02134 75513 37078 45627 36430 97733  
67043 000 000

**12162/11566/10711 kHz, 09-04, 1800/1820/1840 UTC**

546 546 546 1 9427 104 9427 104

93440 19488 40816 93514 51389 07170 53665 11968 15346 31561  
03595 79640 38383 13255 74822 07915 92450 27607 15465 38514  
98914 54275 99491 04180 37283 29379 12875 02214 84945 20544  
86600 25081 60573 60730 72032 86811 14821 55863 41498 79100  
13246 66381 47979 12368 02005 57054 96709 82454 93058 72706  
55529 83280 85731 89871 21718 72417 30099 31511 49542 35639  
73986 77331 68007 75748 74766 03355 25120 00132 67294 69478  
87251 36326 34889 07807 73411 02710 08667 43606 37968 29304  
91301 43031 18125 58115 71743 94830 08770 95552 02294 56603  
38257 84961 95730 31416 02584 48798 37796 25192 55933 54981  
31543 12412 96988 17867 000 000

**14377/13461/12114 kHz, 09-04, 2000/2020/2040 UTC**

317 317 317 1 7606 108 7606 108  
27013 53712 25852 01995 23839 65791 58233 56633 85548 53110  
33554 98717 06796 42517 35557 77354 33588 22784 69462 27583  
37946 87076 15273 60914 14660 40824 01511 53129 42923 17626  
18432 80331 78726 99068 29629 95439 74663 27192 40701 64654  
16043 21242 36934 32193 18133 12603 48898 13121 15669 80368  
33612 24601 05118 47052 90882 51445 18929 01765 67100 54584  
00838 25887 19250 25917 30495 29776 16694 09546 53894 75698  
04311 05975 37025 53209 20542 02558 63886 62583 50783 73639  
33596 09981 80399 99158 27464 22604 65154 37826 73675 46894  
82046 68953 72844 29845 21881 90610 63766 45698 48389 45222  
58432 63137 52747 35179 72850 38997 48484 89340 000 000

**7575/8175/9175 kHz, 10-04/11-04/17-06/18-06, 2100/220/2140 UTC**

511 511 511 1 2325 67 2325 67  
70031 63337 14219 42594 30476 22350 33231 28383 76108 69208  
13053 07342 49765 88503 30205 07854 79736 09488 87466 57197  
95241 74138 73126 45947 85445 84676 17915 39933 57012 14108  
66325 18969 55966 69311 32032 67152 15079 99710 97012 03410  
68607 27035 87253 81282 30371 17649 11999 45431 44198 54977  
15277 35714 98545 36695 01928 50867 96880 29433 19028 58617  
68935 96167 81703 72878 05570 97359 21703 000 000

**14837/13937/12137 kHz, 13-04, 0010/0030/0050 UTC**

891 891 891 1 5392 40 5392 40  
15389 67117 72192 25523 52437 45187 91847 48102 87720 27895  
84987 26510 96960 82869 23249 26239 54696 82456 01388 32323  
03621 51901 62851 96231 44551 62842 89795 97014 61275 31269  
94049 36497 81489 20686 82571 81664 83761 17562 34495 40372  
000 000

**18524/17424/15824 kHz, 13-04/15-04, 1400/1420/1440 UTC**

548 548 548 1 353 84 353 84  
78483 26888 16133 71080 33160 47905 55130 35441 13605 08336  
53502 90867 01617 42649 90562 23398 06987 85100 47636 17826  
12725 32105 75256 37351 47130 28834 52228 70545 98895 69940  
64148 15083 03983 78444 37212 85240 78633 77524 73794 52194  
70139 43132 20998 66622 65544 86535 99183 50535 70380 10211  
84392 34329 25708 09115 34497 70487 86374 74507 83648 63937  
70543 47798 34731 21452 17032 68624 90345 00021 51741 52250  
47766 68782 00630 49019 32916 44203 27312 59144 67803 15250  
82123 03925 66945 49762 000 000

**7807/9207/10507 kHz, 14-04, 0500/0520/0540 UTC**

825 825 825 1 304 93 304 93  
60841 17635 17061 41219 70871 26649 56468 84403 97383 09806  
48634 37131 27590 33018 58430 19497 81764 31788 14763 63738  
52936 65803 23983 63347 95744 87973 71073 49415 61091 61669  
69409 38704 80135 35245 09694 35917 81633 45677 66531 01739  
97078 42268 83755 59242 04618 18011 74724 17028 17197 15846  
98459 82887 73473 30900 38267 47149 36050 48883 71473 56234  
59450 06687 10804 10918 13133 83309 91515 06228 85608 71978  
64641 04783 49472 25552 37952 84237 82300 31255 16145 96668  
98441 11359 82864 78694 43454 06146 01738 12784 03188 27618  
20224 34692 54058 000 000

**9317/10484/11552 kHz, 14-04, 0530/0550/0610 UTC**

135 135 135 1 5813 105 5813 105  
35528 76972 44049 07613 27746 60688 63569 09306 50833 31982  
53509 57051 60196 08359 04658 18402 51862 27473 39789 48963  
57391 17027 62936 52563 33625 16753 29777 87840 56296 09424  
13230 11130 49595 75167 73167 61755 12401 96475 66535 61249  
57747 71653 04688 24475 01400 08701 58369 44034 70945 20653  
16588 43736 94638 11983 74137 01958 01260 93475 17664 33553  
10816 64218 23256 81939 86222 08583 66316 93193 40293 85096  
23165 48586 89372 59096 59094 74394 47521 24761 17235 56577  
94131 23227 05641 03159 12474 77649 18514 06109 82480 61725  
15976 79383 47726 29490 42061 87578 69397 69847 02374 04128  
76810 94358 04607 53850 30020 000 000

**10904/10204/9304 kHz, 14-04/16-04, 0700/0720/0740 UTC**

923 923 923 1 6817 112 6817 112  
36799 11624 98413 95338 88944 91123 72116 16555 42691 47728  
06952 60378 92299 22395 23358 36363 87829 17747 24419 06018  
79078 62889 93375 69883 64444 90432 01017 48201 88761 09981  
28004 63218 52228 00774 87226 23564 86336 74385 40059 15412  
16401 18826 74206 16838 90950 75066 75296 78706 58251 94069  
27476 91153 05503 16626 68307 28608 77863 47112 52831 16474  
91020 70557 31865 89294 92003 77054 86787 66035 23560 58164  
35938 59844 91006 69947 86510 00532 72022 50496 07495 20884  
09240 49290 38880 63739 27870 77193 79140 05209 40489 86954  
84091 51815 80741 44709 36344 52179 81666 36367 91490 10310  
84734 08778 91181 19673 68976 39386 92306 09078 24189 10820  
50564 57561 000 000

**12162/11566/10711 kHz, 15-04, 1710/1730/1750 UTC**

546 546 546 1 5201 105 5201 105  
10032 86011 31252 96747 93201 84554 79308 23326 67699 81786  
94411 77923 40574 48260 63471 17313 76785 35181 53092 61855  
98170 59600 04895 72720 86455 32555 98753 95989 39170 04134  
34646 33526 34041 26256 22837 95644 80112 42390 59716 98668  
41572 05367 77088 23926 02350 25768 08069 65391 98612 88824  
69308 18069 48687 96481 79017 15232 46421 14987 85696 12742  
14016 69236 55744 73366 57603 22045 98800 06355 11611 27258  
78077 47974 48877 77634 19814 30490 49558 17026 27500 33943  
51807 79834 32970 43296 07462 34711 01055 30470 18682 97806  
90973 76184 32723 12427 38585 20642 56751 01227 58637 80340  
73522 15121 69758 75213 09241 000 000

**12162/11566/10711 kHz, 16-04, 1700/1720/1740 UTC**

546 546 546 1 2869 112 2869 112  
00204 60773 36922 49831 72187 96936 75775 57244 84490 91540  
10321 79425 90416 89266 77383 38177 71424 51568 62995 79322  
09873 47497 97747 86161 64580 48436 34946 72790 86688 95416  
18715 64078 62024 58279 69162 08600 83375 56790 31904 65343  
13710 16195 87069 29379 80376 49016 44269 56163 85831 61211  
71555 09955 25920 34363 67740 21959 26909 28719 56600 36537  
28674 94142 80453 55937 56177 00637 65677 40259 86390 52175  
76152 56894 98875 33678 53449 83272 78879 03052 72300 97537  
16490 42764 24176 00175 92151 20349 07800 14975 76400 30630  
96887 94987 38363 45164 50217 28057 24940 39021 75101 93865  
79984 83605 04405 98860 54957 09398 99099 25091 02060 21142  
14269 30313 000 000

**12162/11566/10711 kHz, 16-04, 1800/1820/1840 UTC**

546 546 546 1 5661 105 5661 105  
45584 31069 45032 01175 33954 20293 21057 07824 56786 68979  
39758 06931 38126 34552 22929 66198 30509 23577 37400 75413  
13446 19461 35047 22033 99888 57921 02957 06048 28863 86027  
45073 25560 30240 15477 62540 00249 87647 51124 50435 26452  
31251 29673 13162 53875 03222 57298 46616 74124 55493 19719  
87792 98035 47688 56995 02520 49380 69099 68697 84879 78508  
59868 61497 05128 47692 60027 63823 63305 71403 43616 22584  
01681 49592 23161 61170 32667 23854 38982 47580 86580 11000  
11871 75909 10948 43337 96262 67756 02853 20265 87498 77096  
78621 48145 08448 82316 31789 12375 96888 25548 38704 93910  
43822 60839 15396 49565 37823 000 000

**14377/13461/12114 kHz, 16-04, 2000/2020/2040 UTC**

317 317 317 1 4657 103 4657 103  
50922 65252 72561 37305 09810 92180 26382 17915 98852 84219  
91001 62723 43340 18739 68255 10392 49091 05365 90680 54441  
07813 09540 68808 43439 54089 61340 66872 70860 00969 01695  
20155 56026 96043 00071 44728 44488 44487 65326 00591 40539  
01881 72860 02242 41167 47810 38813 49197 35579 36615 77166  
28854 32777 94736 11369 96473 81753 66150 50544 08790 99343  
64577 64126 24141 22120 16818 08563 87216 11484 09282 57378  
77132 96486 79487 41970 07379 13092 25786 16996 47516 14407  
38567 94331 65453 21526 72005 32118 69018 49116 63580 82973  
99239 17403 72254 75378 30459 47207 12378 76617 74079 41032  
39280 84635 35432 000 000

**10572/9372/8172 kHz, 16-04, 2110/2130/2150 UTC**

531 531 531 1 567 74 567 74  
24587 18625 85118 29635 56557 09114 21941 82680 01766 39540  
86945 04751 79563 48945 09341 53898 65140 66791 40447 66595  
13405 07648 10233 56246 05233 36647 18231 98731 08750 52640  
23819 06243 40357 14364 55403 58692 36050 31921 51237 25455  
04181 60790 57120 96971 18398 14464 28357 06658 39777 98246  
46902 58562 14640 30865 28447 24402 76506 20166 79511 78586  
74391 66520 40658 84417 59561 89341 58113 72975 33046 95467  
15021 13187 33336 19890 000 000

**9312 kHz, 18-04, 2250 UTC**

923 923 923 1 9035 116 9035 116  
00082 13810 19071 30620 40378 57478 57791 79160 83047 55474  
10200 61209 08026 63825 52341 87846 00788 36895 87206 33507  
76217 85142 87880 92226 42278 03246 78589 67526 99744 05655  
22186 94346 42262 07981 14464 33713 72580 96255 63167 39964  
64883 18146 09890 44190 98743 27718 67484 82433 44786 08869  
91339 65798 96878 02435 53429 69211 84375 53153 10722 93747  
52582 73614 87517 16497 31475 94624 82685 0322\_ \_\_394 25852  
36647 29312 37453 75335 97072 93737 88162 35883 05699 74266  
63361 83575 67035 12533 74808 39486 92625 85879 17102 56761  
17197 92390 55627 39562 28139 04014 17620 51041 86857 40584  
21311 81009 25907 44752 56502 73741 79807 29800 10566 82436  
81293 83982 64621 34099 02006 39332 000 000

**7807/9207/10507 kHz, 19-04, 0500/0520/0540 UTC**

825 825 825 1 304 93 304 93  
60841 17635 17061 41219 70871 26649 56468 84403 97383 09806  
48634 37131 27590 33018 58430 19497 81764 31788 14763 63738  
52936 65803 23983 63347 95744 87973 71073 49415 61091 61669  
69409 38704 80135 35245 09694 35917 81633 45677 66531 01739  
97078 42268 83755 59242 04618 18011 74724 17028 17197 15846  
98459 82887 73473 30900 38267 47149 36050 48883 71473 56234  
59450 06687 10804 10918 13133 83309 91515 06228 85608 71978  
64641 04783 49472 25552 37952 84237 82300 31255 16145 96668  
98441 11359 82864 78694 43454 06146 01738 12784 03188 27618  
20224 34692 54058 000 000

**14837/13937/12137 kHz, 20-04, 0010/0030/0050 UTC**

891 891 891 1 6649 36 6649 36  
41419 46335 79027 49250 61589 90374 60608 85879 49368 84498  
33642 99493 17971 54854 02482 95773 17268 87106 07820 81703  
25958 13438 59643 01425 64373 77207 28084 63791 59535 58879  
87855 40364 14417 10255 05469 66711 000 000

**7807/9207/10507 kHz, 21-04, 0500/0520/0540 UTC**

825 825 825 1 4639 109 4639 109  
20518 49677 17942 83303 20067 94764 16697 00316 18826 60748  
87938 71237 70968 09124 67871 07582 96186 23673 71522 47707  
50106 21658 06406 83871 81515 95810 34521 11133 23997 46562  
42056 89638 75905 84140 79256 86866 96474 00940 16800 55402  
38492 68522 50581 44444 43007 91002 43150 77763 76216 40747  
78916 92223 88199 62693 41686 40188 55633 33328 17566 08185  
10413 09879 39455 38797 13014 52394 83709 74821 76289 14876  
03682 84393 70733 72738 13418 84512 25213 99581 09161 08611  
44535 65179 84443 78754 44526 65081 98149 42332 36114 68713  
65654 48154 19951 45750 40549 15089 80005 12396 10896 47698  
33990 87198 57027 96577 06493 35667 06580 60753 55361 000 000

**9317/10484/11552 kHz, 21-04, 0530/0550/0610 UTC**

135 135 135 1 9298 104 9298 104  
50780 83921 70268 22160 90081 09894 15312 73540 51523 84558  
62590 50870 84070 26040 87765 85752 64218 89406 74742 01720  
13149 95932 02243 32892 22073 49245 77441 33828 20086 41218  
82798 82315 92484 27839 03509 12208 26157 49552 09679 05134  
63918 46706 60332 30910 22209 06819 60861 87072 72495 96346  
96931 41817 78610 51613 50182 98349 42359 90557 78805 96380  
79210 85001 57323 44111 56145 71032 35541 40240 30431 04660  
55165 18752 74788 02809 41607 41835 24327 73890 62713 93650  
75676 49090 09490 20410 74992 13478 14228 68563 83890 68811  
88553 26655 04318 56103 45781 35996 25360 29795 91002 40715  
97776 31639 77792 51615 000 000

**10904/10204/9304 kHz, 21-04/23-04, 0700/0720/0740 UTC**

923 923 923 1 93 7390 108 7390 108  
50044 07109 43025 50103 99044 58621 07586 28174 09416 61388  
27885 57924 63918 73356 00683 10810 58129 76665 21413 58686  
84852 89743 30799 57626 92543 28503 46509 92907 76655 75229  
64435 00941 56005 49368 22700 81385 88367 70226 72633 59562  
13984 32994 44943 97100 11355 87083 11235 28346 99395 42610  
71777 49683 00226 95375 47207 32277 74229 99071 38647 15645  
65422 94218 98080 61249 71981 09634 04271 62040 65661 46280  
55239 00285 91216 13871 38174 90991 24897 52677 50023 56685  
46021 36255 72968 00738 05112 94264 84926 33261 78471 76764  
70613 01670 97389 34231 45180 42763 57973 09530 81623 55893  
68132 01761 50837 90451 69672 90890 20797 35202 000 000



**16321/15821/14721 kHz, 22-04/26-04, 1600/1620/1640 UTC**

387 387 387 1 523 91 523 91  
42408 40837 57109 69965 94378 58347 74660 96790 24178 64260  
87279 68894 84700 89454 12541 69790 84442 53563 12740 92868  
64313 97163 42876 47916 78778 37417 91881 16270 75994 33867  
85988 80695 84485 73186 09689 33053 64883 88302 08752 96526  
37981 91520 20750 76726 13298 99133 00756 87109 74234 83973  
10780 88160 18744 90910 44074 80268 15431 68185 81779 82109  
20273 66920 58000 28033 25005 09441 70825 28933 38938 97824  
14724 11946 60111 44521 57486 55695 87531 85016 62951 70810  
01191 04388 61770 20840 54216 30617 01790 98556 17054 87139  
15741 000 000

**12162/11566/10711 kHz, 22-04, 1710/1730/1750 UTC**

546 546 546 1 199 110 199 110  
70314 05381 29097 14106 54840 36883 16725 48136 93073 15203  
40040 31800 47450 62633 22846 23018 83749 05312 20022 28576  
98861 12688 91622 09960 09410 22513 38249 94138 78432 13801  
28876 04758 87444 18122 68682 14089 84400 59589 57549 04091  
22585 42954 53850 32438 13236 93182 73067 59546 20043 28946  
79600 89126 11027 22284 36976 03803 03624 76958 67385 19771  
96102 09940 51185 74889 52698 63014 15194 42693 77552 56437  
60876 69126 69798 99240 48841 77063 99748 06337 41336 89572  
53022 81468 99496 71317 35975 34572 81337 69419 82748 56468  
76499 94268 36649 75110 87118 08480 79985 27437 26726 26250  
05350 94209 19461 46787 01738 29956 45979 16385 74346 22011  
000 000

**12162/11566/10711 kHz, 23-04, 1700/1720/1740 UTC**

546 546 546 1 1882 106 1882 106  
34999 57970 58487 35078 45492 85157 00501 66128 25688 94505  
54748 89060 06300 43360 64896 88603 49091 53123 75418 51674  
60998 16889 03036 05485 11123 19610 72856 30100 84323 34157  
07723 58657 20672 84572 94386 68990 68040 94620 44528 88595  
89327 54956 69751 39273 38268 58008 83931 64864 55054 47014  
85761 06641 63868 20344 91637 88623 88850 26211 97447 16371  
43575 79493 20403 75265 68124 16156 14908 42102 31389 93319  
63715 52224 07822 70418 53241 45334 73950 77743 29961 63051  
98124 21300 09976 77225 02986 54525 14725 91617 53742 20104  
80800 68269 85049 61626 50149 65563 42577 06719 09019 92245  
14938 79303 03525 59378 03436 60959 000 000

**12162/11566/10711 kHz, 23-04, 1800/1820/1840 UTC**

546 546 546 1 3862 108 3862 108  
16204 80861 34500 08709 57572 98372 78678 50168 228P6 41081  
66399 90575 06033 47714 07127 28617 78466 15689 55308 62551  
63840 84126 04408 11362 90928 54030 93090 39057 63419 00226  
58831 64665 44717 73494 21796 66738 41875 15784 93303 25242  
65374 30975 96270 35065 16654 87753 03311 87031 05024 30690  
65680 09835 63334 62161 54745 56301 71856 46410 99775 72788  
09974 18134 45727 54869 97052 57997 38520 82004 65166 41599  
24088 39358 49151 59519 24713 46397 32995 98737 88410 73651  
55396 77953 65485 29292 72241 49506 19772 78927 18190 24668  
71634 23982 82892 77667 39910 80238 93828 03439 48009 99273  
58094 71435 21603 54602 43263 49920 97403 02870 000 000

**14377/13461/12114 kHz, 23-04, 2000/2020/2040 UTC**

317 317 317 1 2700 102 2700 102  
38238 16234 36239 44841 41407 12141 38480 51785 16527 40300  
48517 23256 85811 52333 27980 75223 08136 52317 19117 58402  
17067 78609 71026 94445 28251 36814 91191 38469 75310 09858  
14949 34554 00550 60012 19858 65151 47233 41608 93929 69703  
99737 26462 83949 37225 44932 70561 67011 59961 87079 63525  
97559 59409 20845 02723 37617 74236 34302 92525 65968 88519  
36282 10481 16135 77816 87567 88028 88143 72470 97704 93511  
10450 60514 30193 35707 43016 09427 43907 74636 66227 96770  
46437 79389 66239 91115 98330 70837 42723 88539 70730 04927  
74610 52129 71915 49001 15827 80030 31559 06517 66331 61686  
14815 25332 000 000

**7807/9207/10507 kHz, 26-04, 0500/0520/0540 UTC**

825 825 825 1 4639 109 4639 109  
20518 49677 17942 83303 20067 94764 16697 00316 18826 60748  
87938 71237 70968 09124 67871 07582 96186 23673 71522 47707  
50106 21658 06406 83871 81515 95810 34521 11133 23997 46562  
42056 89638 75905 84140 79256 86866 96474 00940 16800 55402  
38492 68522 50581 44444 43007 91002 43150 77763 78216 40747  
78916 92223 88199 62693 41686 40185 55633 33328 17566 08185  
10413 09879 39455 38797 13014 52394 83709 74821 76289 14876  
03682 84393 70733 72738 13418 89512 25213 99581 09161 08611  
44535 65179 84443 78754 44526 65081 98149 42332 36114 68713  
65654 48154 19951 45750 40549 15089 80005 12396 10896 47698  
33990 87198 57027 96577 06493 35667 06580 60753 55361 000 000

**18524/17424/15824 kHz, 27-04/29-04, 1400/1420/1440 UTC**

548 548 548 1 253 42 253 42  
65855 32366 75552 99252 05249 32711 16104 42738 71135 33964  
80575 64989 67936 66954 91962 31346 73311 34125 93363 41293  
15633 63385 62257 18741 61064 62742 98064 77648 03818 02072  
78907 19688 39555 57244 06487 20173 24591 64505 27768 77399  
08709 62613 000 000

**10572/9372/8172 kHz, 27-04/30-04, 2110/2130/2150 UTC**

531 531 531 1 4522 89 4522 89  
82897 38921 10600 04444 76907 14193 60873 45288 23826 65758  
00838 53164 58121 69792 13081 69343 79104 65943 24585 41537  
01801 52565 85543 62772 51691 24141 18162 64308 55750 63988  
70322 54237 20213 66198 36147 44231 28806 55657 27764 88328  
13609 15631 07306 76804 71510 94143 60279 36294 23654 12176  
14149 78841 28615 16480 13961 17385 52544 56511 12264 60355  
89408 61244 27603 97844 48701 71885 15689 03967 40741 91763  
62503 00354 41770 52272 92619 74715 00513 70697 99739 11820  
91716 11420 17332 51532 78050 25588 18761 19701 95609 000 000

**9317/10484/11552 kHz, 28-04, 0530/0550/0610 UTC**

135 135 135 1 4179 109 4179 109  
95175 21351 16771 34662 00776 20863 05116 13465 22130 41360  
97065 88303 13711 65519 90019 89362 07153 25567 39433 94924  
96260 96966 94772 41288 00836 95770 49113 45443 66808 82609  
72034 87800 39152 93547 87752 41858 79673 28774 76439 64378  
46130 04519 79313 42410 05809 22365 08063 07263 73676 83204  
39178 98038 71959 98682 60783 69031 80211 06374 26886 64087  
96388 32331 08720 78848 24940 91927 28161 16427 83963 49678  
76695 47988 12169 16008 13560 85205 94139 62207 46646 62272  
79697 30996 94828 60872 94934 47104 62588 08255 52247 97459  
54543 39353 69959 78048 88216 61564 63618 26144 15729 63749  
07060 71477 13706 33767 17596 20910 24163 93901 02372 000 000

**12162/11566/10711 kHz, 29-04, 1710/1730/1750 UTC**

546 546 546 1 1819 113 1819 113  
84278 18745 71376 45695 87835 12475 76032 04384 96330 51341  
51601 06927 83098 01046 02846 13439 99059 59911 45005 55459  
31881 33249 61527 93492 11822 41780 59936 70145 17425 29826  
10427 13666 26333 72169 92931 46579 52429 44664 44583 53187  
97227 90013 57860 91148 25515 56105 05700 80240 33529 65973  
32795 41062 29053 908 2 99634 80329 97361 78756 69527 43099  
57353 46346 38772 56335 12306 94360 59433 24837 14382 82702  
89638 23294 92740 43439 08053 69487 76242 62041 81987 87987  
47401 08101 29416 30214 13921 99174 90603 92132 71028 86724  
84736 08191 06352 23477 08996 03642 21926 43233 10211 07406  
52044 04866 61769 97098 80046 95875 29676 00485 95576 93521  
37517 41684 45004 000 000

**12162/11566/10711 kHz, 30-04, 1700/1720/1740 UTC**

546 546 546 1 4697 111 4697 111  
92843 37790 13178 87574 59370 66543 49787 05047 10938 09189  
75752 98137 62356 26308 37093 59980 64746 81167 13671 96375  
36196 95726 08220 15997 04637 90384 85136 03776 33897 21469  
36405 99726 81988 46950 77134 65764 86790 21177 06517 14012  
51861 55159 32187 24086 25180 12052 15538 68174 60684 75635  
74259 00960 34637 77791 32239 28342 65694 73038 68471 14316  
07722 42866 16533 78689 47314 57427 85272 88379 54366 92134  
37411 33687 67687 54805 84984 93644 26073 11059 52502 78480  
44085 88572 96134 06856 44210 68856 18749 85225 25339 81252  
19925 01989 09900 18636 44603 90911 55235 28599 66334 35228  
94997 63986 01763 46658 33749 70350 47632 06358 98629 49690  
69744 000 000

**12162/11566/10711 kHz, 30-04, 1800/1820/1840 UTC**

546 546 546 1 8153 105 8153 105  
34067 10938 63103 58004 29257 19279 07770 32990 41980 58668  
26419 42585 27238 85499 39100 09341 32687 32586 06038 69501  
93765 25418 49072 01464 69539 68713 14232 95934 87491 06318  
45855 98378 37277 06742 51026 85618 05539 65782 11240 05721  
48892 24697 42198 81881 49920 39625 38303 16616 18817 99361  
86806 49689 38434 68156 15719 61841 45906 69339 10813 34471  
17890 38700 31165 78477 64865 06686 16120 67092 72235 08165  
50694 69139 72848 60968 97449 42505 14930 10173 75605 43748  
99575 75290 43872 23537 68121 40484 14025 29273 67179 35722  
17371 08251 61358 92835 30800 96428 82161 40304 46666 43680  
06469 19362 34972 39724 99781 000 000

**14377/13461/12114 kHz, 30-04, 2000/2020/2040 UTC**

317 317 317 1 6053 106 6053 106  
64542 78349 32447 30235 00044 21842 83946 09408 15686 99783  
07014 73099 59910 03977 46154 53284 23002 02808 68412 16475  
60908 45569 40257 28890 75980 61023 98528 23917 57104 55930  
27578 00102 24230 55074 88614 03844 02620 13847 12995 04809  
05291 41327 72651 97038 16693 59663 64854 50706 00669 96485  
23517 39265 44681 24105 90978 10993 94800 29671 67151 53747  
54325 23825 29225 95688 37399 28453 83427 51648 80328 64891  
07864 71423 39297 94040 88109 23112 79442 14880 47414 98448  
14492 15861 39296 44766 46146 13050 39620 25511 55266 44440  
50784 52921 75258 33083 88550 83582 69555 32885 05303 92682  
04601 64175 17105 80704 15133 25521 000 000

## M14

### 4730/4650 kHz, 04-04, 0800/0900 UTC

523 200 200 33 33 = =

12579 45890 32157 35231 24680 87431 13579 53467 21457 87641

67676 12457 08642 12560 09764 34670 87542 43432 14146 07411

12367 09876 54321 12890 09216 34670 01928 89347 14570 56900

76678 54546 12213

= = 200 200 33 33 00000

### 17458 kHz, 10-04, 0930 UTC

### 15994 kHz, 11-04, 0930 UTC

617 395 395 238 238 = =

25378 00381 36358 47272 39947 38272 67854 17885 97888 30997

68204 10800 98422 19569 63027 16468 29264 02308 61440 07547

95455 51052 92265 14783 45016 88106 92641 91152 44193 33684

20412 41796 79163 23814 85289 80824 06109 43718 10677 48287

37854 80998 95103 90641 41308 37554 12142 01971 14921 59471

74413 52652 73906 82025 56204 95056 94105 50177 08801 28192

90863 90562 23210 26193 37918 22695 69609 94127 96650 63987

19138 23374 35352 86101 11031 28859 35274 27837 53503 18598

83634 61615 09119 54528 03677 28415 95990 27027 01663 30647

04531 15768 80470 60031 10046 82664 17255 04661 95627 89429

59172 45564 43163 06120 55134 90738 77341 25298 88007 28553

81787 51794 09638 74295 87226 50397 96358 50470 26419 95324

93595 98860 82432 97829 60876 47059 31781 75735 98579 51442

99295 25049 11382 36756 29914 31083 73499 08134 53070 62109

50471 86829 01678 78017 58634 35526 28407 83454 69577 12062

13791 37388 91878 94675 07556 38036 27910 46185 94048 40542

27727 46002 17662 67824 46790 36182 79655 69510 22269 49456

44441 49992 85563 82280 29781 55213 66660 72953 55369 21391

58421 72009 24668 03329 57842 23875 22269 65961 98854 27140

33708 65610 87467 71612 50581 32495 55583 22084 11603 23138

39485 99593 67563 83884 16044 16116 48434 82468 22574 06295

55784 60828 95080 24822 58891 06904 21748 72998 20471 00655

35670 11866 05530 46890 88168 37614 33052 58028 50973 70892

68444 75375 80461 01006 20596 44180 16274 40687

= = 395 395 238 238 00000

### 4730/4650 kHz, 11-04, 0800/0900 UTC

523 732 732 32 32

98878 54347 07091 00700 34512 56432 07054 54632 87956 45321

98021 07051 75634 78643 54654 87943 05082 13267 92935 01070

90091 54532 98213 05056 67834 56734 00100 63728 98458 77277

56734 98890

732 732 32 32 00000

### 5952 kHz, 14-04, 1820 UTC

346 505 505 33 33 = =

60945 70231 40431 70936 85237 06780 30789 46523 78241 04522

00945 60670 50548 40782 50789 00113 22845 19231 20790 93902

55522 65432 12345 74522 99959 77788 45238 18920 18350 12498

60323 47800 81362

= = 505 505 33 33 00000



**5463 kHz, 29-04, 1920 UTC**

537 505 505 33 33 = =

60945 70231 40431 70936 85237 06780 30789 46523 78241 04522

00945 60670 50548 40782 50789 00113 22845 19231 20790 93902

55522 65432 12345 74522 99959 77788 45238 18920 18350 12498

60323 46800 81362

= = 505 505 33 33 00000

**M21 - Russian Air Defense Forces (Во́йска ПВО Voyska PVO)****4846.5 kHz, 02-04, 0455 UTC**

=990745??0?????

=990746??0?????

=990747??0?????

**6425.5 kHz, 02-04, 0543 UTC**

=17099448239643

=17099458539643

=27099901????23

=990844??0?????

=27099901????28

=17099448239845

=17099448239845

**6421 kHz, 02-04, 0548 UTC**

=990848??8?????

=990849??8?????

=990850??8?????

**6828 kHz, 02-04, 0631 UTC**

=990931??8?????

=990932??8?????

=990933??8?????

**6793.5 kHz, 02-04, 1532 UTC**

=991832??8?????

=991833??8?????

=991834??8?????

**4391 kHz, 02-04, 1540 UTC**

=991840??0?????

=17099440136841

=991841??0?????

=991842??0?????

=17099440137443

=991843??0?????

=991844??0?????

=17099440137645

=991845??0?????

=991846??0?????

=17099440743447

=17099440743447

**3314//4391 kHz, 02-04, 1548 UTC**

=991850??0?????

=27099901?????5

=17099440743751

**4846.5 kHz, 09-04, 1512 UTC**

=991812??0?????

=991813??0?????

=991814??0?????

**4913.5 kHz, 10-04, 0631 UTC**

=51785007180 511800

=3388500082174226

**4811 kHz, 10-04, 1220 UTC**

=11221109578720

=21221701060600

=991521??8?????

**3982 kHz, 10-04, 1722 UTC**

=85105100 82123321

=8501008 2123222

=85100 821224 23

=85100 821463 24

=85100 82146325 7260 5111100

=85100 82146926

**3336 kHz, 10-04, 1810 UTC**

=9311758972110

=9311758972112

=9311517915100051135

=9311758971314

**3185 kHz, 11-04, 0528 UTC**

=990828??8?????

=990829??8?????

=990830??8?????

**6793.5 kHz, 16-04, 1751 UTC**

=990651??8?????

=990653??8?????

=990655??8?????

## **M41 - Russian Air Defense Forces (Во́йска ПВО Voyska PVO)**

### **4441.3 kHz, 02-04, 0707 UTC**

8500083954444  
8500083954545  
5178500 7180511900  
8500083955346  
8500083955447  
8500083959548  
8500082353849  
8500082357450517  
850007180511800  
85000 82353551

### **4451.8 kHz, 02-04, 1516 UTC, c/s Y3DN**

7221 9485040873738128710451809  
ABV 7221 948504087 3738 12871045 1809 Y3DN K

### **4044.5 kHz, 02-04, 1617 UTC**

0091394512587716016  
722581915870 16  
721194914045895851287230017  
722194 914145323721375215017 K

### **4867.5 kHz, 04-04, 0702 UTC, c/s OSL6**

722194 890 00881017165222100 957  
ABV 722194 890 00881017165222100 957 OSL6 K

### **4034.8 kHz, 09-04, 1526 UTC**

Y3DN 7221948 504 08812 59165 72150 1823  
ABV 7221948 504 08812 59165 72150 1823 Y3DN K

### **5833.5 kHz, 10-04, 0705 UTC**

VVVV VVVV 8500 82174327 K

### **4913.6 kHz, 11-04, 0505 UTC. Uses RPT vs the usual ABT**

PVDF PVDF 71219487000871499 12 8810900800  
RPT 71219487000871499 12 8810900800 K

### **4959 kHz, 11-04, 1232 UTC**

i.p. OSL6 K VVV VVV VVV

### **6784.5 kHz, 12-04, 0509 UTC**

PBSN PBSN AR

### **4867.5 kHz, 13-04, 0550 UTC**

19599840 8890 48 1295 00000 845  
ABV 19599840 8890 48 1295 00000 845  
SL5 OSL6 K 5 OL  
99840 88687550 51799845140511800  
998408808890481295  
998408868 68 5199840 88686252

### **5434.5 kHz, 14-04. 0908 UTC**

7221948502265 2065161721901205  
ABV 7221948502265 2065161721901205 OSL6 K  
9914088947508  
9914084342910  
VVVV VVV VVV

### **4475 kHz, 14-04, 1218 UTC**

9675268635132218  
38096752686351320  
5179675819051172020  
VVVV  
TDE9 TDE9 72219458040881259165721501520  
TDE9 72219458040881259165721501520 AR

### **5402.5 kHz, 15-04, 0641 UTC**

OSL6 OSL6 AR VVV VVV VVV VVV

### **4945.1 kHz, 15-04, 0709 UTC**

i.p. 873810 RPT  
008500 087 38 22 1010  
5178500 8780 511 800  
8500 0873828 11  
8500 0873815 12  
8500 0873882 13

### **5224.5 kHz, 17-04, 0900 UTC**

VVV VVV VVV VVV VVV VVV VVV VVV VVV VVV  
VVV OSL6 OSL6  
VVV VVV VVV VVV VVV VVV VVV VVV VVV VVV  
72219485010 82 989612871010 1204  
ABV 72219485010 82 989612871010 1204  
QSL6 K  
VVV VVV VVV VVV VVV VVV VVV VVV VVV VVV

### **4945.1 kHz, 18-04, 0734 UTC**

8500 087 3888 34  
8500 087 3887 35 517  
8500 7180 511 800  
8500 087 3053 36  
8500 087 3059 37  
8500 087 3059 37  
8500 087 3058 38  
8500 087 3065 39

### **4959 kHz, 18-04, 0735 UTC**

85000 87388233  
858005  
85000 87388834  
85000 87 388735  
85007180511800  
85000 87730 53 36  
85000 8730758855  
8500 87305 947  
8500 8738873 5  
85000 87305838

### **4945.1 kHz, 22-04, 0710 UTC**

i.p. 8500 1010 K

### **4959 kHz, 22-04, 0710 UTC**

VVVVVV  
8500082141609  
19285001010

4913.5 kHz, 22-04, 0730 UTC  
RPT 14320401025 K  
009737087956791001029 511800  
9668087605230  
9739080352230

5402.5 kHz, 26-04, 0620 UTC  
OSL6 VVVVVV

## M51a / M51b

M51b: 3881//6825 kHz, 28-04, 1302 UTC

Non-stop 5-character groups composed of M51a messages.

The spaces between the messages were not transmitted but entered afterwards.

SHQJA WNXJD QKAIL QMAPO BJJRT XVSJQ WJGDH EUZJD CNFJT SJZKA  
YHDJS JQKEU DIKOZ KLZSG 36276 10984 JGDHS WJURY PEUSH ZUJDG  
SHWBC XVSHE ZUJAI QKDFG HCBVJ SKRYF CBXVD 46359 UJHDI KSLDP  
JHFGC GFCBX NJETD SHZUJ AJKSI QKBCV FGRYD SXKJN OHFGV 45287  
HBCGF XNWJR DUJYG CVXKJ HSGZY WBZAJ KAIQF PAMJK UJBGT CVXJS  
ZUJKQ 27108 HAJKR GBXJS AJSUK QKOAL PMAYH JQKZU

GVXHS WNQHA IKDLS MWPZY DGSJA NWJDU DGRUJ WKLSP NJWKE UJSHZ  
OKHJD BXHRT 36271 IUJFG CBSJZ WHNSL KOLWM AUJDG XBCFV WHNSK  
OLMQH AYHDG XVCFD BWJZU XIDKC XKJDU HNDIC VPMRY 65378 KLSGQ  
WNBDB XVCUR CIKDL PMSVR XVCHF YHFKS ZUYHS 56372 BWVDY IKDHY  
XBCJS GBWJZ UJWKL JKDBV YHCIR YHXVF GBFYR DFSCZ UJVFC FVCHD  
FKSLR WCXVH HNFLA PHFCT WVXHZ QJHAU 67354 BXHDY WBXHZ GFCUJ  
SHRTF CJGUH 10964 GBCHS WBXUY TGDJZ 652/3 BXHSJ WKAPL PMDHV  
BXGRT DFXCS JNCGV YHXJZ JWKAQ KLWUY HNCRD XVCHZ YHWJZ PLGCV  
TGXLA PMWJD WFGRT CJSIZ WNXGD YHDGV 64829 IKFHC BXHDL VHDUJ  
VCXGR YHSPA PKLDU LWJDY GHFUC VXYRT DGSJZ LKFHT KHDYT XVDJK

YETSR AUSHQ BWJSU APLMQ BWNSH ETSFZ WCQJA UWKQI NDHRT XCWJA  
MQKAU 26438 BXHDY ETXCQ WNBHJ EUIKL AMPLI NWXXV SHATD WNQHA  
UAYDG XWBDN XNQJU ZKQLA MPWNH JDUET XVCHD SNWJE SKQJA JAKSB  
JAKLO NHDFE 45768 NXHDT WCDGJ NQKAI OLQUA NWJET QFAIJ LOAUY  
KALIU YHDKL NXCDG 35476 BWNQH AYHSK 19065 NCJRT XCSJU IKAOL  
NXJDG FTEUS WNQKI ALPMQ ETDFX 46738 NCBXJ QKALO

GDHJQ ZUSGQ WBXVD XNAIK QLANP XNWBD QJEUD AIKJU RTDGS DFQJU  
PAMLK CNDYE ZISJW QNDHE AUZRE SGQJA KLPAU NXHDT RUSHZ QJUHR  
JHBTR VXGRY 46278 QJAUH WTERS 10963 SNBXH RTDFS AJKIU YHSTR  
UJYHT DFRSZ AMQPO KLIYH DFSGC XVSCX WNBQH ZRATY 46378 SJQKA  
YHUTG BCHDT RFSHA QCWGD SJQKI LMPAU JHNBV CGETD SHQYZ AUJHG  
YHNBG CVFRE SCXWE ABHJK LQJUY NHBGR CVXGF DGSJU JKLUY TGFVC

JDIRB SLVIE MNAQK BKHYX VLSDP HTFZI LAFGH INVRC SOPEF 62894  
VSQHE .,=?' ZCXSA CDGET NVYUQ ASWOP FJEIR YGVDO PKFUC EXUNF  
00511 BSYDH .,?/AS SOUPE KESYB MDGUC AQNRI SWIDF ZOEPL CNDKE  
RWODK 85236 CAXWS .,VA' / XLASD RRBGI GBUDE FKHDY TUYOP EDSXW  
WQAZX OPLMN 25984 CARSD ASAR',? AQPON CNDKW XMAKW DLWPE RUGBY  
ODFRT BHGCD ORMWX 96547 CMVNR .,VA? LAOSW JDIWH XZNSJ BMNEO  
RITOF WEISJ SLWOD CBZMA 32698 LFOTP ./AS VA' BUHDE MYJHG VDUNH  
WLODC TYHGB MILKY TUTUT NDCIN 98720 LGOHP ',/.= AQPWO CNDJW  
ANDER MORNJ PLOFE XNSIW OPKJD EVGCT 63259 BCDGE ,AS.'VA MAGDA  
LORGH BIDUL WERTY ALPES HNIFE CMKSE XIOKE '///'. MCKOD 12890  
AQPOL CMVNE WJCME SWERP LFKHM IJNGR BCDYF PDHBV 25168 VCFSG  
.,?AR' VNMRO FKSUW GLOPE NCJSJ KFOGL AQEWF BCNDJ MNKTI PHLOR  
,AS.VA' NXSFW 20398 BVNDJ FLWOJ ZAQCS

XCWVQ AGBWH QJAKL QNWJE SUJAI KQLAP MQNHB XVVHD SJQKA ZUSHQ  
YHUUH WCXGF QJAHK QJNKK EUHSI AOLQP AMIJD XBWGR OLAPM QNWBD  
XVSGR 35289 10378 SJNXX CHBFG RTSUJ AIKQL WMQPL NJKQI ZYHDG  
SJQKA LWMLP CHDFX WVSZD QHGYR QKAIJ WNGOP AMLIF UYUYT GFBCH  
SNJKL QMAPY DGXVC BXGCT RTGDH 46387 SBXJA 10638 XBDGH QJAKL  
IKAOL XBCVF DHXBW QNAKL QMAPU DGSJQ KANVX WBERS QHAJK QLAMP



RTDGS YHGFC XBWVS QDWXC SGERZ AJHKQ LMCBF HNXRV SHQJE ZUJKI  
SLQMA OLJNB VCGRT SHFZA 27189 DHVXB WNSGA QCWGD XJQKL APML0  
JHNBG UJHNV XCDGE STGZA QHWVS QJAUQ QLAMP NHDGX VCGER 35210  
WNXHR APMNC XBWHS QHBGE ZYHSG QJNWK AUJDG SDWCQ XBWJU HYETD  
VXKQL KJDGZ QBWNH 36106 XVCGD 35265 QBWHA ZUJHD FVCBX WNQJA  
GHDFS QJHYT IKDGS WBXVD SHQGA KLMQP JAPLI JNBVH XJQKI BXJDG

etc. etc. etc.

## **M89 - Chinese Military**

### **5468 kHz, 09-04, 1132 UTC, i.p.**

B2H3/N4C1 AR  
SF F F NR 1259/EX 2032 =  
B2H3/N4C1 AR  
F F F NR 1259/EX 2032 =  
B2H3/N4C1 AR K

### **5656 kHz, 20-04, 1245 UTC. i.p.**

HR RPT TIME = 2040 2040 AR  
R GA (Other station also on this frequency)  
R = = 47A5 6D3. T5A6 UN34 NDU4 (Cont'd)  
AR K  
QSL ? K K  
RPT 11W TO 3.W K  
RPT 11W TO 30W K  
R R = = D474 6U3A AN56 33UT (Cont'd)

### **5688 kHz, 20-04, 1240 UTC, i.p.**

TO 4158 K =  
AAJ6 U/GUEEEEE = A1B3/G2RT9 AR K (Appears to be Exercise Message)  
R RPT TIME = 2035 AR K  
2035 2035 K  
R GA K  
R GA K

### **7676 kHz, 23-04, 0810 UTC, i.p.**

GA NR 0020 CK 15 .. 11 0423 1605 ..  
R RPT AT RTTRTTRPT NR (Other station also on this frequency)  
NR 0025 NR 0020  
NR 102. CK 50 11 0423 1605  
OK BT 3U3N TT66 T74D (Cont'd)

## **M90**

Note: both CW and voice traffic was heard.

### **4852 kHz, 14-04, 0644 UTC, CW. Czech Army. Collective callsign: HR3H**

CQXJ wkg 4 outstations XVSQ, TSXS, MXV5, PJP6: 107 749

### **4512 kHz, 14-04, 0644 UTC, CW. Czech Army. Collective callsign: HR3H**

CQXJ wkg 4 outstations XVSQ, TSXS, MXV5, PJP6: ZBO K.

R – 1000B (Time UTC+2) - ZEU GR10 or GR20

Alert messages XXX DEDUKCE 176 RELAX 692

### **4512 kHz, 14-04, 0812 UTC, CW. Czech Army.**

Net control clg 4 stations for comms check

## **M95 - Chinese Military**

**4243 kHz, 03-04, 1142 UTC, Q26: 4+4 QPSK 75/3000 LSB. Sending messages**

**4243 kHz, 03-04, 1151 UTC, M95: CW. Repeating Q26's messages**

V HR 7G TO YR PSE CY

NR 003 CK 76 35 0403 1532 =

5AA UTT TT3 3U6 7TA N44 3A4 5T7 5TD 75U (Cont'd)

AR MSG AGN

NR 003 CK 76 35 0403 1532 = (Repeats message)

AR A HR MSG GA

NR 06 CK 223 35 0403 1610 =

.TU TT3 3U6 3A. 7TU 7TA (Cont'd)

**8073 kHz, 03-04, 1130 UTC, V26: USB. XSV85 callup in Chinese**

**8073 kHz, 03-04, 1132 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages**

**8073 kHz, 03-04, 1140 UTC, M95: CW. Repeating Q26's messages**

V BNGC (x3) DE XSV85 (x2)

HR MSG GA PSE CY

NR 0282 CK 257 35 0403 1602 =

TT3 3U6 3AN 3U7 TAU 773 (Cont'd)

**4110 kHz, 06-04, 1210 UTC, i.p.**

VVV HR 7G GA

NR 002/CCK CK 99 27

VVV 34567DNT AR K K

VVV HR 7G GA

NR 027 AR =

VVV HR 7G GA/027/CCK CK 99 27 EEEEE/CCK

VVV CQ RMKS NDNCQ V3 QSA ?

VVV EEEEEEEEEEE V CCK VVV VVV VVV HR 27/CCK CK 9

VVV GA 97 VVVV

VVV HR 7G GA

NR VVVV 3 7A AR K VVV VVV VVV

= = = = AUI V EEE = AU34 567D CCK VVVV

HR 7 337 AR K VV = AVV 7DN T AR K RQS2 QSA ? K AN4 EEE

VA VA VVV VVV (Cont'd)

HR 7G GA NR 02/CCK CK 99 27 AAA VVV VVV VVV VVV HR 7G GA

NR EEEEEEEEEEEEE

VVV = 05 05 05 05 H0 05 05 (Cont'd – long zero)

3456 7Y VVV =

VVV R7GGA/5

05 05 05 05 05 (Cont'd)

VVV HR 7G GA /002 EEEEEEE

HR 7G GA

NR 02/CCK CK 99 27 04.. 2200 RMKS CQ CQ =

AU34 4567 DT T AR VVV AU34567DNT AR QSL ? HR WK NR 39 K

VVV Q7G GA

= VVV HR 7G GA

NR 02/CCK CK 99 27 /CCK CK VVV

N4DNNT./NT/N.. 2 .. (All jumbled up)

VVV

VVV

**4243 kHz, 06-04, 1147 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**

**4243 kHz, 06-04, 1149 UTC, M95: CW. Repeating Q26's messages**

V HR 7G TO YR PSE CY

NR 009 CK 68 35 0406 1556 =

5A.

AR 7G AGN

NR 009 CK 68 35 0406 1556 =

5AA UTT TT. 3U6 3A4 5T7 5TD (Cont'd)  
AR A HR MSG GA  
NR 12 CK 175 35 0406 1620 =  
UTU .T6 3.. (Cont'd)

**4243 kHz, 06-04, 2342 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**

**4243 kHz, 06-04, 2346 UTC, M95: CW. Repeating Q26's messages**

VV HR 7G TO YR PSE CY  
NR 094 CK 22 35 0407 0628 =  
UT5 TT7 3U4 3A4 TTA TTU TT3 773 35U U4T (Cont'd)  
AR A HR 7G GA  
NR 010 CK 57 35 0407 0657 =  
5AA UTT TT7 3U4 3A4 5T7 5TD 75U 35A N3D 353 (Cont'd)  
AR A HR 7G GA  
NR 13 CK 091 4 I EEEEE  
NR 13 CK 091 35 0407 0725 =  
UTU TT7 3U4 3A4 TTU 773 353 N3D 354 336 N3U (Cont'd)  
AR  
A HR UP SB WK

**4364//8073 kHz, 06-04, 1135 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages**

**4364//8073 kHz, 06-04, 1140 UTC, M95: CW. Repeating Q26's messages**

V BNGC (x3) DE XSV85 (x2)  
HR MSG GA PSE CY  
NR 0288 CK 339 35 0406 1652 =  
TT6 3U6 3AN 3U7 TAU 773 354 374 403 NN3 (Cont'd)

**4243//9054 kHz, 07-04, 1142 UTC, Q26: 4+4 QPSK 75/3000. Messages**

**4243//9054 kHz, 07-04, 1149 UTC, M95: CW. Repeating Q26's messages**

V HR 7G TO YR PSE CY  
NR 011 CK 35 35 0407 1548 =  
5AA UTT TT7 3U6 3A4 5T7 5TD 75U 357 (Cont'd)  
AR 7G AGN  
NR 011 CK 35 35 0407 1548 = (Repeats message)  
AR A HR 7G GA  
NR 096 CK 1535 0407 164 =  
5T5 TT7 3U6 3A4 TTA TTU TT3 773 35U U4T  
353 4U. 445 4D6 3DA AR 7G AGN  
NR 096 CK 15 35 0407 1604 = (Repeats message)  
AR A HR 7G GA  
NR 14 CK 158 35 0407 1625 =  
UTU TT7 3U6 3A4 TTU 773 353 U4T 354 4T7 (Cont'd)

**4364 kHz, 07-04, 0002 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**

**4364 kHz, 07-04, 0004 UTC, M95: CW. Repeating Q26's messages.**

V BNGC (x3) DE XSV85 (x2)  
HR 7G GA PSE CY  
NR 0289 CK .. 35 0407 0702 =  
TT7 3U4 3A4 TAU 773 (Cont'd)

**4364//8073 kHz, 07-04, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 messages**

**4364//8073 kHz, 07-04, 1139 UTC, M95: CW. Repeating Q26's messages**

V BNGC (x3) DE XSV85 (x2)  
HR MSG GA PSE CY  
NR 0290 CK 329 35 0407 1619 =  
TT7 3U6 3AN 3U7 TAU 773 357 37U 4T3 NN3 (Cont'd)

**4243 kHz, 09-04, 1143 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**

**4243 kHz, 09-04, 1150 UTC, M95: CW**

VV HR MSG TO YR PSE CY  
NR 014 CK 56 35 0409 1545 =

5AA UTT TTN 3U6 3A4 5T7 5TD 75U 353 4A5 (Cont'd)  
AR MSG AGN  
NR 014 CK 56 35 0409 1545 = (Repeats message)  
AR A HR 7G GA  
NR 003 CK 15 35 0409 1610 =  
UT5 TTN 3U6 3A4 TNA TTU TT3 773 353 N3D  
35U 4UT 445 4D6 3DA AR MSG AGN  
NR 003 CK 15 35 0409 1610 = (Repeats message)  
AR A HR MSG GA  
NR 18 CK 165 35 0409 1657 =  
UTU 3U6 3A4 TTU 773 354 N3D 353 4TA NAT 4TN (Cont'd)

**4364//8073 kHz, 09-04, 1136 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages**

**4364//8073 kHz, 09-04, 1139 UTC, M95: CW. XSV85 repeats Q26's messages**

V BNGC (x3) DE XSV85 (x2)  
HR MSG GA PSE CY  
NR 0294 CK 334 35 0409 1634 = =  
TTN 3U6 3AN 3U7 TAU 773 35U 4T3 NN3 447 (Cont'd)

**4243 kHz, 13-04, 1145 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**

**4243 kHz, 13-04, 1148 UTC, M95: CW.**

VV HR MSG TO YR PSE CY  
NR 023 CK 36 35 0413 1538 =  
5AA UTT TA3 3U6 3A4 5T7 5TD 75U 35A N3D  
353 4TN 445 3DA 4D3 5TN 75U 35A N3D 353  
4A5 346 N3D 4AA 445 3DA 4D3 5AA 75U 35A  
N3D 353 4AA 445 3DA 4D3 AR MSG AGN  
NR 023 CK 36 35 0413 1538 = (Repeats message)  
AR A HR MSG GA  
NR 015 CK 17 35 0413 1611 =  
UT5 TA3 3U6 3A4 TTA TTU TT3 773 35U U4T  
353 4AA 445 4D6 N3D 4D3 3DA AR MSG AGN  
NR 015 CK 17 35 0413 1611 = (Repeats message)  
AR A HR MSG GA  
NR 26 CK 116 35 0413 1635 =  
UTU TA3 3U6 3U4 TTU 773 35A U43 353 4AA (Cont'd)

**4243//9054 kHz, 14-04, 1140 UTC, V26: USB. Callup in Chinese**

**4243//9054 kHz, 14-04, 1142 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**

**4243//9054 kHz, 14-04, 1150 UTC, M95: CW. Repeating Q26's messages**

VV HR MSG TO YR PSE CY  
NR 025 CK 26 35 0414 1545 =  
5AA UTT TA4 3U6 3A4 5T7 5TD N44 5TN 75U  
357 4TTN 445 3DA 4D3 N3D 4DU 5AA 75U  
357 4AA 4.5 3DA 4D3 N3D 4DU AR  
NR 28 CK 164 35 0414 1553 =  
UTU TA4 3U6 3A4 TTU 773 356 4TN 446 4DT (Cont'd)

**4123 kHz, 19-04, 1400 UTC, i.p.**

**Note: JP logged as M95 as he suspects this to be associated with SLBC**

DE 8RVC K  
R GI40 DE V3JV R QSA 2 QSA ? K  
R QSA 2 IEC = 8135 AR K (Normally associated with exercise)  
R = 1974 AR K  
R HR F GA K  
R GA K  
R HR F GA NR 148/EX 2200 RMKS 9520 TO 9976 =  
AMJ2/CKW4 AR  
HR F GA NR 148/EX 2200 RMKS 9520 TO 9976 =  
AMJ2/CKW4 AR QSL ? K  
R QSL 2202 K

R U F GA K  
 R HW F GA NR 141/EX 2202 RMKS 9976 TO 9520 = =  
 WAU0/I3IS AR  
 FF GA NR 141/EX 2202 RMKS 9976 TO 9520 = =  
 WAU0/I3IS AR QSL ? K  
 R QSL 2205 K  
 R OK U 7G GA K  
 R HR 7G GA NR 149/EX CK 99 16 0419 2206 RMKS 9520 TO 9976 K  
 R RPT K  
 HR MSG GA NR 149/EX CK 99 16 0419 2208 RMKS 9520 TO 9976 K  
 R RPT K  
 HR MSG GA NR 149/EX CK 99 16 0419 2209 RMKS 9520 TO 9976 K  
 R GA K  
 R = = 5DN7 N4AD AUTU 7NNT 477D T447 D635 4U6U DAT5 3356 N67D 7A3A AU43 75UD (Cont'd) AR  
 QSL ? K  
 R RPT 03W K  
 R RPT 01W K  
 R RPT 1W  
 R RPT 01W 5DN7 K  
 R RPT K  
 R RPT 01W 5D EEEE R RPT 01W EEEEE R RPT 01W 5 EEEE R RPT 01W 58M EEEEE R RPT 01W 5897 5897 K  
 R QSL 2220 K  
 R U 7G GA K  
 R HR 7G GA NR 142/EX CK 99 16 0919 2220 RMKS 9976 TO EEEEE  
 NR 142/EX CK 99 16 0419 2220 RMKS 9976 TO 9520 K  
 R GA K  
 R = = T635 4U7D ANT6 34U4 56T4 N5NA 3U75 N4N6 DT67 D56N (Cont'd)  
 AR QSL ? K  
 R R QSL 2229 K  
 R OK R HR WK NR 07 K  
 R HR WK NR 120 K  
 R NIL SK K  
 R NIL SK

**4131 kHz, 19-04, 1256 UTC , SLBC i.p.**

TDN7 A3UT 5ND6 47UN 5463 TAD7 6U5A TN37 D456 ... AR QSL ?  
 HR WK NR 0021 HR WK NR 0021 VV  
 V JKD J (x3) DE SLBC (x2)

Note: Frequency and // 4886 kHz checked a few minutes before, but was silent.  
 // 4886 kHz checked when message was being sent but nothing heard  
 // 4886 kHz round slip active when message completed on 4131 kHz

**5033 kHz, 23-04, 1608 UTC**

= = ABC1/BMF3 AR  
 = ABC1/BMF3 AR K (Exercise related message)  
 R RPT K. R RPT K  
 R OK  
 R GA K. R GA K. R GA K

**5479//10722 kHz, 23-04, 0801 UTC**

V YHxD (x3) DE SAQC (x2)  
 VV HR SVC EEEE  
 VV HR F GA NR 002 1700 RMKS 9315 TO 4102 = ACD3/HJB4 AGN  
 NR 002 1700 RMKS 9315 TO 4102 =  
 ACD3/HJB4 AGN  
 NR 002 1700 RMKS 9315 TO 4102 =  
 ACD3/HJB4 AR HR WK NR 36  
 V YHxD (x3) DE SAQC (x2)

Note: 1st time I've seen this normally associated with exercise message sent on this circuit.

**4243//9054 kHz, 25-04, 1147 UTC, Q26: 4+4 QPSK 75/3000 . Messages**

**4243//9054 kHz, 25-04, 1151 UTC, M95: CW**

VV HR MSG TO YR PSE CY

NR 047 CK 50 35 0425 1535 =

5AA UTT TU5 3U6 3A4 5T7 5Z7 5U3 5U4 A5N (Cont'd)

AR MSG AGN

NR 047 CK 50 35 0425 1535 = (Repeats message)

AR A HR 7G GA

NR 50 CK 174 35 0425 1555 =

UTU TU5 3U6 3A4 TTU 773 35U N3D 353 4AA 34A (Cont'd)

**4364//8073 kHz, 25-04, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages**

**4364//8073 kHz, 25-04, 1142 UTC, M95: CW**

V BNGC (x3) DE XSV85 (x2)

HR MSGS GA PSE CY

NR 0345 CK 477 35 0425 1659 =

TU5 3U6 3AN 3U7 TAU 773 357 363 373 4T3 (Cont'd)

**4243 kHz, 27-04, 1147 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**

**4243 kHz, 27-04, 1151 UTC, M95: CW**

VV HR MSG TO YR PSE CY

NR 051 CK 54 35 0427 1546 =

5AA UTT TU7 3U6 3A4 5T7 5TD 75U 35A U4T (Cont'd)

AR MSG AGN

NR 051 CK 54 35 0427 1546 = (Repeats message)

AR A HR MSG GA

NR 074 CK 19 35 0427 1604 =

UT5 TU7 3U6 3A4 TTA TTU TT3 773 35U U4T

353 4AA 446 33U 447 4D6 3DU N3D 3D4

AR MSG AGN (1201z)

NR 074 CK 19 35 0427 1604 = (Repeats message)

AR A HR MSG GA

NR 54 CK 175 35 0427 1616 =

UTU TU7 3U6 3A4 TTU 773 35A U4T 353 4AA (Cont'd)

**4364//8073 kHz, 27-04, 1132 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages**

**4364//8073 kHz, 27-04, 1142 UTC, M95: CW**

V BNGC (x3) DE XSV85 (x2)

HR MSGS GA PSE CY

NR 0350 CK 397 35 04U7 A6A7 =

TU7 3U6 3.N 3U7 TAU 773 353 35N 4T3 NN3 (Cont'd)

**5479//10722 kHz, 27-05, 1024 UTC**

V YHxD (x3) DE SAQC (x2)

VV HR SVC GA

NR 186 1830 RMKS 9315 TO 9958 =

CRT/1930/Z=/9315/9958 AR QSL ? HR WK NR 41

1834 RMKS 9315 TO 9958 = (Checked to see if station had switched to night frequency. Normally sends one svc message)

CRT SVC 186 TIME 1830 AR QSL EEEEE HR WK NR 41 (Checked 6934 but also silent)

VVV

**7553//9153 kHz, 29-04, 0934 UTC. XSV70 i.p.**

N3D 445 4D6 75D 4D3 ...

II 4D6 75D 4D3 3AN 357 37U ...

A HR MSG GA

NR 358 CK 97 35 0429 0647

UU6 UT3 TUN 3U4 3A4 TT4 773 35A U46 353 ...

MSG AGN

NR 358 CK 97 35 0429 0647 (Repeats message)

ZNN SK AR

## UM03 - Chinese X2M net

**8410 kHz, 09-04, 0730 UTC, X2M i.p.**

AR

09 09 CK 100 CK 100 TIME 0230 TIME 0230 DATE 1004 DATE 1004 =  
TWLNC LODFU DGJYA YBQSK TWLNC ODFUX WYNQF HOQXZ ASUJM KMBET ...

7429 kHz, 23-04, 0818 UTC

i.p. KPBOM OGKRX YWVLD ...

7440 kHz, 23-04, 0816 UTC

i.p. = NKRZQ RXGVZ PYNDG NPXNE ...

**7920//8259//8410 kHz, 23-04, 0800 UTC, X2M i.p.**

03 03 CK 100 CK 100 TIME 0300 TIME 0300 DATE 2404 DATE 2404 =

8740 kHz, 23-04, 0853 UTC

i.p. DWCPQ EINNU LWTAK CYGTC ...

9350 kHz, 23-04, 0800 UTC

i.p. AR ZNN 5LGs message OK QSL 3 ZNN QRX VA (Other station also on this frequency)

10340 kHz, 23-04, 0847 UTC

i.p. CFUOD XMGVJ YAPHB QHZIK ...

**7920//8250//8410 kHz, 29-04, 0931 UTC. X2M i.p.**

19 19 CK 100 CK 100 TIME 0430 TIME 0430 DATE 3004 DATE 3004 =

73A4T 3A4TN A7354 6A4UD 3NT7A 6D735 4TD7U 3NT65 75D4U 5A7ND (Cont'd)

Previous message was a 5LG message

## DIGITAL MODES

### HM01 - Dirección General de Inteligencia

New groups and files on 1 April. No joke ☺

Groups: 66012 17241 10803 16171 10125 67090

Files: 50416601.F1C  
20511724.TXT  
46251080.TXT  
01041617.TXT  
74061012.TXT  
57856709.TXT

Files: <http://www.numbersoddities.nl/HM01-1apr2020.zip>

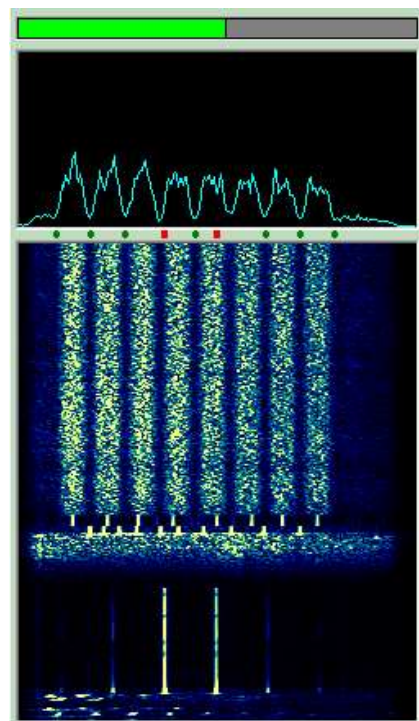
New groups and files on 3 April

Groups: 01441 68532 35731 30038 48409 70208

Files: 17550144.TXT  
50026853.F1C  
14623573.TXT  
43453003.TXT  
13804840.TXT  
50087020.TXT

Files: <http://www.numbersoddities.nl/HM01-3apr2020.zip>

The groups and files of 3 April were repeated throughout the month.



***F01, F06, F06a, M42, M42a, M42b, X06 - Russian Government & Intelligence***

M42 – various modes
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12222 kHz, 06-04, 0652 UTC, 3000Bd 8PSK + MFSK-66

6793 kHz, 10-04, 0518 UTC, CW. Russian diplo/intel Orenburg/Chita link. QSX 4903 kHz

5885 kHz, 11-04, 0703 UTC, CW. Russian diplo/intel Orenburg/Chita link. 11100 60102 00000 11033 01003 = (QSO 5917 kHz)

5585 kHz, 12-04, 0651 UTC, CW. Message 5LGs. QSX 5917 kHz

10536 kHz, 17-04, 0620 UTC, CW + Baudot ITA2 50/500. Opchat: 83238 Â 26909 K K. Traffic in FSK 100/500 Opchat: VVV QSA 3 K

13536 kHz, 01-04, 0710 UTC, Baudot ITA2 75/500

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19390 25533 26024 13224 77267 84315 11734 24888 71774 40814

71650 75561 97040 58915 89924 24367 74625 46546 86283 95521

68908 69021 46427 97489 97001 60796 62143 61737 53898 60194

16818 39059 37883 55199 08162 81945 06119 80132 25325 98926

90091 11637 22604 91816 25610 37427 56901 11817 77043 96221

81161 95389 60486 12307 10934 65874 95529 73170 06283 11746

011101 33383 66486 12507 16334 63874 33323 73176 66283 11746  
40341 23631 36205 77477 89730 74919 17763 27943 40890 52128

46941 23051 30205 77477 89730 74515 17705 27545 40050 52120  
47106 73283 56497 28490 64577 58193 79873 19893 21092 72539

81860 38106 37067 00301 44107 36133 77300 00636 088E1 3406E

6E777 53207 4834E 30112 37004 38011 3643E 17848 88041 00466

05777 52297 48343 39112 37004 28911 30433 17848 88041 00400  
34014 44501 63822 85702 40874 13405 13818 03424 41017 40757

24014 44501 65832 85702 49874 13495 13818 93424 41017 49757  
83210 63658 83204 75215 50275 83601 50423 44025 05627 08286

87219 67658 82204 75215 59275 87601 59433 44925 05627 08286  
03023 01360 63030 52010 12006 10613 31505 03360 62505 44021

07023 01260 67029 52910 13006 19613 71595 92760 62505 44033  
86738 75675 33788 36341 57863 88876 86683 86165 56886 67811

06/28 75675 23788 36241 57963 88976 06683 86465 56886 67813  
18815 58588 87888 81851 88866 71688 67875 88868 58888 18811

48045 59529 05322 84854 03966 74628 67975 82263 53399 42240

50729 31897 42913 06600 06757 34666 27231 67173 37670 94990

85263 77582 81866 31292 16325 45403 07269 08460 46200 81275

50654 03223 97770 70777 70746 38375 05880 67483 07268 46781

81111 30653 63135 51107 52203 55988 51987 70209 41739 72892

78236 88127 54843 06669 41815 46601 85545 29104 84834 47069

70511 45861 22308 73077 44821 94133 24157 69027 79487 48983

40665 36219 05401 61811 88583 32113 53387 79396 40063 83747

65065 16935 81609 51262 54192 83524 35243 02450 23188 83521

59054 84286 64519 42223 69344 02365 01635 29294 51526 44181

49142 78393 51993 07207 96908 26425 68127 17677 47771 20853

78637 51047 63553 68527 81421 90044 99069 24447 31131 81248

28800 43899 93638 76153 95933 46423 59519 71923 19804 75415

64141 57771 72449 79442 45291 17924 24469 97277 26221 27122



11100 60070 36541 01008 03009  
88760 95177 42973 90397 44301 95407 72292 55467 50197 68550  
60890 35854 53855 69185 44445 98786 10631 45161 92543 18942  
02573 25064 14786 52681 28362 61639 46658 11214 87870 48369  
01149 62376 09796 51371 97003 15701 95793 23823 99596 70491  
79554 95088 35324 31556 24259 51750 65476 22315 06848 52704  
30520 49956 62547 45547 00723 02325 88087 76398 94073 81247  
27045 10386 47413 01961 85756 04952 51733 13348 53236 03180  
87571 18655 23527 39336 21440 01393 43944 73792 49226 86095  
37623 99546 97507 88633 73827 87498 18711 35759 84443 62691  
41055 58586 50115 28694 59221 89677 04426 82320 76680 18432  
29605 85860 35619 84465 42162 89021 95397 13661 91903 17771  
45487 26590 22771 72247 63810 73976 68919 00956 56433 78900  
84509 43406 39544 90436 30603 58410 49648 78393 67644 80196  
92927 23861 26939 69556 69703 85244 59568 52192 34919 44472  
86191 61456 80613 63074 96162 27680 51288 02798 69395 81267  
28136 90476 19424 61745 43045 31815 81094 49960 08329 03792  
91319 65606 73118 80356 36339 97273 42351 71127 63916 57202  
19290 77750 83924 77931 57523 97633 05738 93028 33368 29724  
85885 69095 74626 62027 84389 81220 06623 45551 53237 49084  
01463 84363 05420 75892 41459 96449 37968 57331 32652 25060  
07441 52724 29356 05230 81280 35592 55696 15170 13495 65791  
35037 67195 18086 50413 63276 17907 38672 85657 86905 02287  
37742 96834 71810 21417 53974 18709 73719 38486 01053 83357  
46258 62801 06438 07737 47528 26461 13503 98148 31175 83394  
95495 13778 32846 85461 54752 56508 88016 15280 05599 79195  
42084 80477 64382 29577 38696 99068 95077 72021 97230 30624  
83882 54296 15383 32925 41267 11537 57778 48802 54894 24621  
16564 52832 41865 75110 54907 12589 73706 63980 69345 44124  
72559 86284 31913 66388 01993 78987 98005 84252 00886 84109  
90885 54833 33807 94402 98803 16814 56348 73730 45640

QRU QRU SK SK

M42a – GRU HFDF-net

9543	26-04-2020 0411	M42a	CW	(F5JBR)	VVV VVV QSA 3 K NW Â Â 69729 Â 82325Â 59413 K Â Â K
10415	26-04-2020 0725	M42a	CW	(F5JBR)	51730 K Â Â Â K

M42b – FSK 50/500

**Operator chat in CW, messages in Baudot ITA2 50/500**

4498 kHz, 02-04, 1453 UTC	UORW wkg PRIL QSA NO QSY 52672 QSA NO SK
4011 kHz, 03-04, 0630 UTC	G3WM wkg SK8I
5883 kHz, 04-04, 1403 UTC	M8MA wkg IK7R QSA NO QSY 68289
8067 kHz, 08-04, 0718 UTC	i.p. RTTY just ended. Opchat in CW: K K OK QLO2 K
6969 kHz, 08-04, 1301 UTC	GENS wkg DTMU QSA NO QSY 37914 K. QSA3 QTC1 ZZC
7547 kHz, 09-04, 1533 UTC	MN7L wkg IMSK QRV R366 1541 K. QTC1 ZZC
8167 kHz, 09-04, 1533 UTC	MN7L wkg IMSK QSW 78967
4958 kHz, 09-04, 1444 UTC	UOGW wkg PRIL QSY 99536
4498 kHz, 09-04, 1453 UTC	UOGW wkg PRIL QSY 99536 K. QSA NO SK
4541 kHz, 10-04, 0657 UTC	TBJC wkg EZKL QTC1
6774 kHz, 10-04, 1211 UTC	i.p. R 448 1211 QTC1 ZZC QRU NIL SK 73
5921 kHz, 10-04, 0548 UTC	WDAK wkg UOZG QRU NIL SK. QSY 5471 kHz
5328 kHz, 10-04, 0620 UTC	WL4I wkg BFRN QRU NIL SK. QSY 5833 kHz
5271 kHz, 10-04, 1007 UTC	BDUW wkg QRU NIL SK. QSY 6831 kHz
13922 kHz, 10-04, 0800 UTC	JOZB wkg MR4V QRU NIL SK. QSY 14456 kHz
5267 kHz, 10-04, 1137 UTC	IRWN wkg TOAM QSY 75437
4762 kHz, 10-04, 1144 UTC	IRWN wkg TOAM QSY 86819 and QSA NO SK

5172 kHz, 04-04, 1413 UTC

Opchat in CW:  
QSA 2 QSY 69203  
QSA NO QSY 67189  
QSA NO QSY 66297  
QSA 4 QTC1 ZZC  
Followed by a message in RTTY

12121 kHz, 01-04, 0802 UTC, CW + FSK 50/500

46  
46  
000

WDAK wkg UOZG QRU NIL SK. QSX 5471 kHz  
WL4I wkgd BFRN QRU NIL SK. QSX 5833 kHz  
WDAK wkg UOZG QRU NIL SK. QSX 5471  
DVS7 wkg PVST. QSX 14456 kHz  
P6NE QSA ? K QSA4 K ZLV K R113 0740 K SK  
QRV K. R 117 0745. NIL SK  
R 836 0740 QRU NIL SK  
SÂVJ wkg 1ELM  
NET Station wkg 1 outstation  
MRLC wkg BZTJ  
QRV K. R 241 0651. QTC1 CFM NIL SK  
SN7D wkg G5OP. QTC1 QRU NIL SK  
1ELM wkg SÂVJ.OK QSW 06986  
MRLC wkg BZTJ. QSY 86488 QSA NO SK  
HKDR wkg BV6K. Opchat: K. R 821 1253 QRU NIL SK (message in Baudot 50/500)  
6RYZ wkg unid: K. R 821 1253 QRU NIL SK (message in Baudot 50/500)  
MRLC wkg BZTJ: QSY 19915. QSA NO SK  
MRLC wkg BZTJ: QSY 28419  
L92V wkg I1TH: QRV K. R 852 0807 K. QTC1 (message) QRU? K. QRU NIL SK  
TOAM TOAM TOAM DE IRWN IRWN QSY 86257 QSY 86 V. QSA NIL K  
HKDR wkg BV6K: QSO QSO NO QSY 51769  
MRLC wkg BZTJ: QSA3 QRU? K. R 788 0839 OK SLV  
QTC1 ZTH K. QYD1 PBL K. ZTH 791 100 18 1130 4563 K. CFM QRU NIL SK  
Message in RTTY. Opchat: QRU? K. QRV R 747 1550 K. QRU NIL SK  
i.p. OK QSW 82548 K  
KU8I wkg PGUN  
KU8I wkg PGUN  
1LPK wkg W31O QSY 26436 QSA 3 QRU NIL SK  
2ÂNH wkg 6JI1 OK QSW 21879 K  
HKDR wkg BV6K QTC1 QRU NIL SK (QSX 5150 kHz)  
FGDE wkg CNOX QTC1 K ZTH 317 100 21 0525 1234 = K QRU ? K QNIL SK  
WDAK wkg UOZG QRU NIL SK  
WL4I wkg BFRN QRU NIL SK  
G3WM wkg SK8I  
Net control wkg 1 outstation CFM QRU NIL SK  
Net control wkg 1 outstation R 001 0737 QRU NIL SK  
K9M1 wkg WSJ8 OK QSY 49549 QSY 48920 21879 K)BR)



Opchat in CW:  
CFM NIL QRU? K  
OK SLV K  
DK QSP ZVP K  
BK QRV K  
RK  
R 660813 K  
NIL K

12121 kHz, 04-04, 0803 UTC, CW + Baudot ITA2 50/500

Opchat in CW:  
K9M1 K9M1 K9M1 DE WSJ8  
QTC1 ZZC ZVP SLD K

[illegible]

Opchat in CW:  
OK QSW 97159 K  
K9M1  
OK K  
BK BK  
QRV K  
R K  
8100819 K  
NIL SK

12121 kHz, 06-04, 0801 UTC, CW + Baudot ITA2 50/500

Opchat in CW:  
 XN6O XN6O XN6O DE 3LSG 3LSG K  
 X DK DK 0 EEEEE QSA4 QSA EZ K  
 QTC1 ZZC ZVP SLD K

YRYRYRYRYRYRYRYRYRYRYRY  
160 100 6 0800 7853 =  
26695 76962 50924 25903 29975 57186 67312 98669 25570 96687  
40389 57317 09004 87518 57549 34096 26991 05400 46997 92525  
81388 41520 60146 48409 89587 09199 35041 52599 88453 87508  
76200 46751 58350 53217 91845 42737 15795 44669 80079 22123  
07184 72389 22560 63022 32534 34763 23740 18114 43106 73092 =50=  
17599 10077 70266 22435 18734 66887 37416 87570 80749 67689  
04471 66796 03936 06262 94621 93021 97769 95347 84318 34846  
41189 61536 53261 41316 42598 26642 60483 82982 19238 06567  
14701 86282 37691 33296 08672 44345 34727 31359 85752 60917  
97700 45250 58261 95420 70362 46760 02783 10971 02324 95350 =100=  
-0805=

Opchat in CW:  
CFM NIL QRU? K  
OK K  
BK BK QRV  
R 582 0808 K  
NIL K SK

8047 kHz, 08-04, 0721 UTC, i.p.

95265  
18889 95961 34620 45242 00219 72798 43823 93889 91674 84120  
32173 25616 65179 46347 45805 40972 90528 05586 17454 39084  
73185 64652 87459 26694 53198 72781 38875 33291 40885 93362  
03732 51451 70857 69180 22022 83531 05479 63230 52038 81999 =50=  
29325 62837 05343 43886 83886 86077 99033 51566 46272 53551  
35423 30230 14129 49215 95315 88033 27881 33378 59561 42093  
88119 89785 22423 57805 76642 78797 09733 63254 99651 10903  
69923 31302 33206 59296 61646 98988 26918 24975 42063 81402  
08383 08198 11504 54073 71677 16056 47786 00639 44216 69266 =100=  
41031 34135 26330 38119 23471 66782 22527 68271 71927 07731  
67625 91369 59103 08127 51844 56139 41704 40578 44776 17442  
19314 97212 47318 77046 00087 61725 15746 34357 51614 60165  
79777 55049 77461 19767 64835 39748 24703 67983 07054 38334  
21016 76652 69651 03013 51076 41606 12735 41126 60727 94095 =150=  
26694  
-0723

12121 kHz, 08-04, 0804 UTC, CW + Baudot ITA2 50/500

Opchat in CW:

K EAGN EAGN

QTC1 K

SLD K

4646465464646454646466=464646464646464646464646464646

162 100 8 0807 44997

162 100 8 0807 44997

162 100 8 0807 44997

Opchat in CW:

$$= 162\,100\,8$$

= 162 100 0807 4499 K

CFM NIL QRU? K

SLV K

BK SK

BK QRV K

RK

830 0812 K

NIL K

NIL

12121 kHz, 15-04, 0802 UTC, CW + Baudot ITA2 50/500

Opchat in CW:

SÂVJ JSET

[illegible]

169 100 15 0803 9043

169 100 15 0803 0903

169 100 15 0800 9043 =

169 100 15 0800 9043 =

95187 24634 99868 72433 67897 86600 45946 46844 80591 24083

47707 56022 08330 00103 70852 64990 79662 36688 69741 42956

74096 44164 20205 63151 90777 63034 95095 10460 96027 08445

38755 03441 24581 76001 74079 62930 10972 93634 39319 30541

62643 94379 21020 90197 21552 77931 34462 71337 85181 77838 =50=

Opchat in CW:  
QTC1 ZZC ZVP SLD K  
CFM QRU? K  
SLV K  
BK BK RK RK RK RK  
R 958 08 08 K  
SK

Opchat in CW:  
BFRV BFRV BFRV DE WL41 WL41  
QSA3 QSA3? K  
QTC1 ZZC K

Opchat in CW:  
CFM NIL QRU? K  
OK ZVP SLV K  
BK QRV K

Opchat in CW:  
BFRV BFRV BFRV DE WL41 WL41 K  
QSA3 QAT G1 ZZC K

46

Opchat in CW:  
CFM NIL QRU? K  
QRV K  
R 1819624 K  
NIL SK

5833 kHz, 17-04, 0604 UTC. QSX 5328 kHz

**0604-0608 UTC:**

```
VVV VVV  
VVVVVVVVVVVVVVVVVVV VVVVVVVVV  
VVVVVVVV  
VVV  
VVVVVVVVVVVVVVVVVVVVVVVVVVVVVEEEEEEEEEE
```

**0620 UTC:**

WL41 L41 L51 L41 BBFRV BFRV QSA3 QSA? K (hasty fast CW sent as one string)  
OK ZVP K  
BK QRU K  
K  
R336 0622 K  
QTF1 QRV? K  
NW = 171 10017 0620 4571 K  
005 R CFM NIL K  
OK

## 5223 kHz, 17-04, 0825 UTC

BZTJ BZTJ BZTJ DE MRLC MRLC QSY 29787 K  
BZTJ BZTJ BZTJ DE MRLC MRLC  
BZTJ BZTJ BZTJ DE MRLC MRLC K QSY 29787 QSY 29787 K  
BZTJ DE MRLC QSY 29787 K K  
BZTJ BZTJ BZTJ DE MRLC MRLC K QSY 29787 QSY 29787 K

5833 kHz, 18-04, 0610 UTC. QSX 5328 kHz

VVV VVV  
SK QSA3 QSA? K  
QTC1 SLD K  
NW NW 1471001 806206138 K  
CFM QRU? K  
OK ZTHJ NIL K  
R 23100626 K  
NIL SK

5328 kHz, 18-04, 0620 UTC. QSX 5833 kHz

BFRV BFRV DE  
QSA EEEEE K QSA3 QRU? K  
R 147 0622 K  
QTC1 ZZC K  
60 EEEE NW = 3411021 80620532 K  
CFM NIL SK

## 12121 kHz, 20-04, 0801 UTC, CW + Baudot ITA2 50/500

Opchat in CW:  
6JI1 6JI1 6JI1 DE 2ÄNH 2ÄNH  
QTC1 ZZC ZVP SLD K

Opchat in CW:  
CFM NIL QRU? K  
OK SLD K  
BNZKO EEEEE QRV K  
R 323 0707 K  
NIL K SK

Opchat in CW:  
BFRW BFRW BFRW DE RLSI WL1I K (incorrect c/s of the sender)  
QSA4 QSA? K  
QSA4 QSA? K  
BFRW BFRW BFRW DE WL4I WL4I  
QSA3 QRU? K  
ZVJ K  
BK QRV K  
RJJ6 L K  
RPT PBL K. RPT PBL K  
RPT K. RPT K  
BK ZKO ZKK EEEEE ZKO K  
ZKO K  
BO ZKO K  
BFRW BFRW BFRW DE A  
QSA3 QRU? K  
OK SLV K  
R 3491 EEEEE R 349 0629 K  
R 349 0629 K  
QTC1 ZZC K  
RJT K  
NW = 358 102 22 0620 7954 K  
CFM NIL SK

Opchat in CW:  
NW NW 363 101 23 0620 1357 =  
CFM NIL QRU? K  
OK NIL K  
R 1390628 K  
NIL SK



**5833 kHz, 23-04, 0621 UTC, CW. QSX on 5328 kHz.**

BRZT HPBD K  
R 3639623 K  
QTC1 SDK K  
NW = 139 100 23 0620 1386 K  
CFM NIL K SK

**5328 kHz, 24-04, 0620 UTC, CW + Baudot ITA2 50/500. QSX 5833 kHz**

Opchat in CW:  
BFRW BFRW BFRWV DE WL4I WL4I K  
QSA3 QSA? K  
QTC1 ZCZC K

4646464646444646646464646464  
368 102 24 7620  
82273 87760 71505 69732 74388 35746 92020 32921 99461 05378  
54303 33028 61263 422)4 95633 73823 97947 29321 10257 80165  
57210 81663 97301 03057 18064 94602 15169 34290 50801 11628  
53751 14576 90406 34075 32835 94676 62230 34413 32475 00919  
66149 85362023766 79132 46583 01514 47084 96943 48614 20453 =50=  
82232 73336 99699 00617 17590 03061 64380 75310 22082 10473  
10171 37545 62112 18971 09429 63903 22551 71025 50981 10907  
12651 53065 30908 07909 67956 08828 53130 70576 02803 62055  
21438 06688 55388 57007 60952 41579 01044 97257 22552 52062  
72389 75322 24941 15043 96544 00606 19067 23258 69213 53179 =100=  
46583 23749

Opchat in CW:  
ZVP K  
BK QRU? K  
R 241052 K

**5833 kHz, 24-04, 0609 UTC, CW + Baudot ITA2 50/500. QSX 5328 kHz**

VVV WL4I WL4I WL4I BFRW K  
QSA3 QRV? K  
OK ZVP K  
TZU QRV K K  
NW 3680623 K  
QTC1 ZCZC K

6464646464646464646464646464  
241 100 24 0620 4521 =  
94892 97425 32023 93575 10951 79330 96441 96619 48728 02896  
41131 38337 47261 66890 23997 13036 42810 16720 33515 53516  
14277 71609 18789 37435 95276 25089 90541 48668 70142 84146  
81154 96309 16293 59446 92310 42549 83165 65493 79331 54113  
32351 97395 05337 74406 48764 74270 96073 67112 35337 47406 =50=  
93709 62288 68695 46077 54621 72235 89589 30217 40383 27951  
19810 04689 56468 13296 77346 68463 49922 92089 30424 10411  
98122 43011 11477 84479 86102 98086 20714 15375 23811 85998  
13753 06527 70864 00350 88130 20769 88186 55001 42508 44642  
21975 35234 67419 90484 24698 66802 44184 52465 15951 07452 =100=  
CFM NIL SK



Opchat in CW:  
CFM NIL QRU? K  
ZVP K  
BK QRV K K  
R 6070625 K  
SK

Opchat in CW:  
BPFW BPFW BPFW BPFW DE WL4I  
QSA3 QSA? K  
OTC1 ZZC K

398 103 30 0620 5314 =  
45791 32704 51475 30629 58364 47969 61430 78441 89226 75859  
72820 47955 81647 81526 62507 84944 42846 08504 18795 48622  
42501 24068 72276 18568 17887 35709 94940 28037 92939 64933  
74284 131 5 00006 64579 28111 39822 12852 37545 35737 49118  
15648 09882 01696 84558 18583 44365 19005 90598 91152 93658 =50=  
78948 29377 01811 32181 17244 73938 82897 71629 32215 36967  
07651 12607 70059 74356 40961 61967 68635 94954 74790 68613  
35341 60258 12777 46142 73642 83054 31177 17111 11111 83574  
73769 96293 94394 94082 24291 14149 64230 45866 25156 77185  
52291 30567 52198 33332 95923 60098 76016 36812 58587 53387 =100=  
67225 54727 11380 -0624

51

**10177/8076/6974 kHz, 01-04, 1015/1025/1035 UTC.**

17776 82113 22418 13813 29178 67998 47282 70719 53496 72780  
 08535 70611 55762 71492 05719 08150 69033 03136 77374 68689  
 58333 59104 86897 76313 54600 21707 58885 94316 50851 13717  
 70660 01570 77735 44901 28653 93191 00674 66459 84340 78984  
 05765 69306 69421 78058 66647 87142 54913 33076 09512 90246  
 63868 92577 18438 80930 92388 34800 48256 26588 18628 31440  
 37117 91279 04467 74798 35949 51792 19561 16736 97003 09108  
 42430 92888 88669 31221 18287 30571 28743 88235 78296 63808  
 53340 65692 49947 03935 63647 67054 13217 39202 17685 41285  
 82235 61816 59279 96465 17119 45868 01438 85389 95667 24571  
 06289 74055 99613 40252 28810 29019 95108 65541 16499 84524  
 12136 19183 82197 75359 52540 24919 92242 46370 81349 86870  
 37140 74574 81092 79867 76944 64812 73790 78147 78534 04863  
 40309 70883 86965 90977 91767 37956 98097 59760 72676 84419  
 24679 87326 00511 57098 73071 41696 71392 91747 72812 99332  
 86571 64221 26190 61796 79396 44077 70032 33415 47466 74063  
 66886 45940 19636 23923 67780 41112 12581 91945 13756 47064  
 56594 52722 68357 09520 95313 74513 98265 63713 89059 54701  
 44262 57964 76476 46728 49716 64852 74156 76991 38775 40933  
 18946 75109 61451 20916 82610 66001 47794 57259 13555 97229  
 38322 41113 85276 00027 82924 65544 56247 07453 25394 16986  
 70910 78122 15808 05844 56474 98929 17910 72207 95194 65220  
 03716 27590 76839 61838 52500 18644 61008 93492 96378 23782  
 04005 37876 79645 18655 29953 19973 24079 71404 50831 31001  
 17385 53648 65126 40418 66978 78115 89782 74428 86277 98887  
 05144 59434 05712 35170 17570 53868 25617 04542 69414 16835  
 53220 76605 51055 87017 90887 82995 94662 70263 67834 44666  
 54393 59306 32476 02401 02700 34057 47614 61487 97434 15888  
 55637 86481 99452 74368 05934 07021 45374 09877 61697 20590  
 05232 60527 28315 03218 79646 06850 70521 64007 16259 72663  
 10517 04458 50076 45579 24222 68504 97437 65568 77870 94226  
 58277 55032 72118 03144 06379 88816 85862 88050 72300 27607  
 36950 85329 48671 63131 01974 42668 72529 48629 62335 18122  
 64407 13001 68765 71469 28835 82092 41486 33783 45959 55546  
 48212 66166 08967 12652 27164 43585 86994 45640 47292 24732  
 18208 43862 22895 93867 62757 77272 24819 85570 70268 52676  
 55427 28336 41587 41166 79529 67954 89435 00182 28446 56622  
 27695 38647 19420 18701 43974 98596 57530 29085 35184 51760  
 12331 65100 10772 34510 86366 17870 93327 69636 17786 74100  
 71239 48373 84209 04207 83086 71110 00073 17730 38459 70245  
 24592 71970 04888 63587 22583 44785 15582 11782 45285 07483  
 77645 78159 23397 04413 00000

**10177/8076/6974 kHz, 02-04, 1015/1025/1035 UTC. Two messages**

26788 08527 13867 06033 30456 76805 86091 27077 64080 30986  
 07496 87694 40524 06845 89266 80321 79466 65249 23121 75436  
 67744 87637 27445 95991 50270 24320 57584 12646 24943 62816  
 16245 39485 40008 08386 24919 34924 17290 93962 42287 37461  
 49749 61662 40534 90993 46784 83070 75501 39364 25734 10475  
 11641 94838 73000 76255 87675 10195 23245 82594 33932 09109  
 30081 48716 77265 54535 26719 07825 94515 59762 99975 70945  
 00447 71824 26116 99838 81088 81972 41935 56192 08424 42878  
 49539 19264 97370 97266 78253 89170 90977 47662 52098 18016  
 84783 05091 00000

82176 77613 71066 81115 77544 76843 15392 24789 11881 57203  
04619 28263 17032 27212 02796 94085 92220 90483 40468 12361  
49868 93573 47655 94393 27526 04391 39661 70483 20610 94613  
22899 87816 15619 24548 12934 69400 28535 53860 81906 19960  
78080 26635 77549 89754 48533 04174 80967 32235 21775 44001  
95377 16491 83263 48487 82994 80416 31626 31539 92239 35538  
46545 76801 42483 59443 94638 85793 58483 36737 78011 39426  
71723 34477 55173 21335 30830 23020 89004 76471 88261 78205  
01466 03376 55453 25840 39725 03592 43607 06087 00000

**10177/8076/6974 kHz, 03-04, 1015/1025/1035 UTC.**

Null message: 5761 00000

**10177/8076/6974 kHz, 06-04, 1015/1025/1035 UTC.**

90409 41115 06012 71842 55222 05678 62870 84071 44610 36705  
52794 79418 08869 90040 51858 97511 17398 44012 83316 87700  
57356 11436 71378 46699 65611 18125 27511 18825 73677 46342  
61440 19767 70337 66628 34047 69837 11615 06450 94357 47624  
32811 29096 67783 99997 42267 21276 87838 69393 01564 12832  
88483 24331 21823 77034 99316 04082 30820 84864 10775 13438  
90581 11752 01542 28519 70150 20184 45359 99544 03230 66633  
39411 61529 85364 06240 21478 88808 90365 93683 68057 54367  
10662 03683 90617 79875 51265 19569 72187 87395 32031 63352  
11472 88680 77915 65739 66663 73012 01898 99522 16156 79507  
10280 24792 78340 64834 85022 19394 57664 02287 22828 93090  
09155 73124 35648 08836 38582 36157 42303 59632 80457 86471  
05902 74377 21047 39267 96751 51163 58599 99721 85440 41449  
17959 04830 95789 33549 61769 48154 72348 08879 65441 23426  
42134 69387 48080 47918 75290 59628 76555 51562 74368 31880  
84903 42704 46903 27791 76254 86473 40974 74946 99455 56679  
48451 21831 17600 47179 05597 59592 10632 53664 45720 04075  
79221 61784 83572 36527 42098 02565 36166 26456 44026 61039  
09704 85031 16619 49050 07317 22506 59162 78139 37280 08072  
31652 93482 26416 55595 77226 54786 68350 83671 16176 75100  
61324 23428 78727 53483 15248 72525 68782 62441 32669 18781  
75797 76099 93366 81866 77007 50027 97237 46499 97150 88667  
45178 85585 17921 61293 62633 96735 54296 52443 95512 00598  
39962 57764 33165 74445 88997 61205 38075 19458 26022 54490  
87003 85125 01984 84816 53224 99227 37784 41719 84575 76808  
62913 19021 56991 06598 41307 12831 08214 38306 01581 41504  
81359 19247 13862 98518 33054 53697 80379 74197 85782 83465  
32018 07214 29186 13076 48013 51827 99957 28023 40978 71767  
95048 79536 74455 96727 97852 34278 05167 02382 22080 12423  
67163 99888 02979 62554 40061 45789 90618 46816 68535 08266  
24910 34752 25283 50678 97045 29278 34623 18330 27061 73218  
98931 39380 12190 09845 95094 75875 25710 95861 33169 85792  
70969 90264 94439 82074 20269 67520 91056 99562 93298 28496  
14440 05782 54811 07582 64643 16513 36227 99444 77868 02085  
10842 53845 94297 95326 77345 11960 33460 37117 31322 82643  
69296 20474 29430 82073 22119 19106 75943 85207 09660 11390  
86343 62494 24378 35678 07652 00282 29237 37908 00182 28348  
89111 97417 10417 02998 80042 41938 89671 19171 43497 87667  
38260 49984 77843 65395 79821 37154 84221 18587 95526 80738  
08992 84382 72819 01631 49951 93451 48408 75243 18514 49616  
50179 59822 75032 75213 67717 67831 79445 33108 06141 53829  
24459 61303 02909 17305 43417 81094 12319 43873 10082 64684  
87356 33303 72488 73218 13602 87788 88069 07427 00000

**10177/8076/6974 kHz, 07-04, 1015/1025/1035 UTC. Two messages**

25810 63208 42315 59370 82062 56671 30665 06592 47003 32853  
05590 34407 67568 20751 58638 08349 85360 73085 51913 06485  
03490 44241 26562 55618 36318 82772 84018 31257 78064 18137  
38442 13543 51180 46359 63776 16316 20457 44306 83885 31525  
83793 67264 79184 56146 75556 09508 08218 93812 43481 32534  
67612 48341 85038 90671 38851 51334 54221 08735 95294 91060  
74666 91414 67901 34784 20075 69103 93070 61744 47844 09820  
91055 48961 96867 51949 48377 77069 85426 37458 02686 48351  
70119 50297 53492 34167 51767 89658 47223 93966 39223 32789  
10025 33075 07030 08093 00000

16473 65681 30696 82475 59219 78656 11995 72159 28942 60657  
23206 05640 40412 23015 83365 64992 13452 87082 85442 21094  
07597 51292 00385 97605 60760 78235 81265 35446 30342 93950  
28457 62438 60214 16599 01790 97818 22023 56730 90607 46297  
04244 56313 77683 61364 47434 58727 57912 82504 49104 26893  
97728 76045 86662 51738 46185 34293 31864 18185 33624 12657  
55199 20840 18897 09460 43656 46581 71038 18097 80310 66228  
96364 06261 59159 02479 46914 01892 33653 66303 71174 90562  
22349 09081 00000

**10177/8076/6974 kHz, 08-04, 1015/1025/1035 UTC**

52226 29661 39344 82956 15193 63286 43533 94652 79682 77005  
74625 93355 43224 13903 00265 53396 33019 62691 02568 53106  
54467 94107 28849 72197 96833 82954 70571 30260 44462 57968  
81452 21055 67012 46712 70672 22297 87123 07675 32117 85619  
48966 66765 95593 36393 36108 00383 10951 38100 12128 32266  
01055 00948 82432 36292 44547 39405 00691 62425 74323 08355  
68341 27991 02673 72543 00603 41476 09021 89026 57422 51033  
51195 07276 62808 34881 86177 16668 60974 75782 11258 96007  
82740 86798 61536 44800 20624 80492 24716 00943 36062 98786  
59109 74533 47195 45643 25814 52479 70660 89770 70979 53590  
15824 29531 19113 38856 54887 37250 63356 06579 17324 25101  
63673 27057 82050 99762 88884 96516 65808 98033 63485 14954  
31159 20590 05192 17604 62555 06080 64143 14706 83912 12726  
99699 19249 16123 99649 55780 67410 97945 25081 20673 61338  
18718 03647 82248 89000 36317 89944 14531 00761 78813 80553  
56545 47391 53254 51702 69394 09185 10015 74766 82492 70880  
36148 76785 64896 22075 76179 38184 82670 87798 03787 44893  
28233 18972 92781 37044 32596 97400 60858 21445 96471 35013  
84527 40003 01149 72022 08684 11298 85102 03705 99229 87481  
97255 90474 12216 93703 62845 30950 77915 42241 22818 02693  
23278 38520 32703 00316 81201 21226 31891 25634 60056 03674  
19265 09562 71905 08647 96113 70427 42844 13869 62266 38410  
53917 50317 76390 00771 86031 20550 16388 47573 67313 29240  
00820 22581 46348 43110 57312 09022 39727 22441 48870 04892  
27358 91356 94031 67511 93960 39059 41816 31998 40197 69216  
87395 33357 11859 39677 39415 86864 20570 59702 74923 06453  
54421 36912 42834 65761 01989 91119 01855 31550 38170 77249  
03835 24172 45268 84528 58453 84776 67771 04128 40199 53940  
24264 82456 23565 91411 24898 02278 57411 91661 67870 58856  
14419 74911 13346 23303 76585 58343 58254 10321 42685 37177  
60406 92523 68647 30292 85358 28540 76777 70086 74478 97054  
94764 41268 57632 54014 10411 98257 58939 55146 53022 15885  
69033 11015 37399 53082 82260 66769 31357 34251 22262 23796  
32720 77990 04372 45449 66734 27876 08261 14051 39812 64980  
59284 31353 10579 06814 41949 79630 64130 22388 93952 85626  
00456 18065 54223 54498 72954 73912 63397 65980 37996 35220  
40190 49941 01441 88888 82065 83521 73081 79363 63669 77037  
64926 43811 31453 40847 94270 71219 17925 50358 77486 15108

23969 51371 25480 14548 42665 72934 76736 03162 23055 39917  
28913 10799 97281 02467 54889 87585 19551 24554 14241 05007  
90341 98784 96054 13746 64312 79675 54030 62937 65332 52561  
19803 10537 57079 80345 05427 79491 42648 95267 30960 39401  
91589 27876 38079 18349 17839 90391 75669 74604 56951 56666  
68323 10431 00000

**10177/8076/6974 kHz, 09-04, 1015/1025/1035 UTC. Two messages**

80178 36573 01252 87225 00254 57363 08741 49689 74260 18969  
90151 01290 43187 59115 73049 49558 68183 76109 86737 04861  
95302 46290 18262 04155 92998 05250 87254 28973 60802 85007  
00566 22336 32647 24333 72623 34282 23238 94397 22442 50688  
90947 06947 83242 85088 15631 97182 85595 38167 14840 98535  
00045 54609 46838 51519 50136 32006 73879 13861 31800 61501  
84171 64078 00010 04857 95975 15713 08673 37636 92262 84383  
14674 13190 59384 74871 82022 27123 28179 80399 47031 86945  
40955 11318 30464 16582 92796 95363 07606 50431 20617 16694  
72166 96668 38410 85874 54977 11095 00000

88343 18498 42973 14253 42139 98909 93893 71666 35767 62243  
98541 94849 51688 43335 18758 06354 44430 98690 31391 36985  
75816 51359 96387 84978 04577 07770 84734 74490 72555 57482  
20963 86837 54674 91782 19881 62934 64863 02069 22240 00361  
35126 43954 59009 93486 09953 78031 98951 90110 23231 23238  
59192 63035 49885 83753 83455 20020 49393 35370 17671 00556  
43400 82275 37629 32885 94586 20178 08375 49724 79006 66722  
80024 86106 69061 45127 49701 07792 69314 31981 44262 43685  
72310 05135 03530 12083 00000

**10177/8076/6974 kHz, 10-04, 1015/1025/1035 UTC.**

Null message: 5761 00000

**10177/8076/6974 kHz, 13-04, 1015/1025/1035 UTC.**

49408 17182 83851 59252 86789 03445 38025 74791 39694 03280  
10158 82184 19971 69567 07795 09854 98224 72773 45543 17242  
78677 44058 04373 10044 69071 93480 66393 32871 37757 64243  
29819 62805 75194 08906 33789 52260 02021 98508 47745 94601  
90899 00549 05037 10958 94324 86732 85466 81657 95556 56460  
76436 70738 24912 86961 67400 16953 08553 46041 57307 89721  
41995 28343 79712 33462 05509 01104 75260 48736 63593 70303  
66214 83649 15736 03173 12723 33943 90614 67979 55516 75211  
00952 77040 74711 75694 01198 43894 19422 63063 15237 90570  
87853 43657 26295 65893 62577 97589 46247 60756 30665 98179  
06506 31317 43373 29130 37675 66021 95069 97904 30168 57435  
26085 68724 92961 64776 79173 63640 52689 78125 64280 05103  
60253 20222 11292 98476 97136 46802 15463 77931 98618 31407  
05215 64152 36068 45598 86971 07301 25505 70528 46741 13671  
54622 00791 13127 79470 45450 26491 11443 80170 94853 04486  
63635 88859 60045 54708 13692 22038 81316 42543 83229 36290  
59144 33159 86935 24278 27903 28761 62574 83480 93323 24689  
95217 56131 25929 45300 40411 63784 27596 45572 75949 84939  
13468 89369 36955 49183 76369 40308 13941 46261 25940 26151  
18550 73533 19658 62680 46665 70245 27945 47980 93557 12053  
00544 63061 00788 64239 26350 39779 39515 17064 03889 81967  
59938 51666 64624 50734 61524 09989 16292 49859 63733 67132  
98427 72221 81910 29590 67304 93201 38051 07802 52442 21994  
61111 36461 51889 46767 56555 41010 58461 34607 49831 73770  
34129 72187 33464 68131 74727 58097 72437 84252 32193 82763  
47579 44697 86510 56915 41609 83451 84543 74514 97558 56761  
87954 21102 04236 89213 97395 63487 88435 53520 45152 81722  
18565 07426 73433 29307 49395 36178 40492 32541 62602 74011

21767 64986 82800 03064 98234 57954 73757 53173 49145 32975  
44460 50997 91353 67168 19746 91880 32413 27469 55156 32911  
29623 34631 00734 30616 72228 42962 43415 71712 28948 46710  
82738 70368 28019 49053 19532 30404 61955 54623 62278 95869  
34193 71499 80845 38447 89826 33617 62267 55093 97602 79519  
48259 74384 75386 48398 59165 94989 76254 79351 34015 04703  
77436 24811 41379 53486 39266 14056 40719 78951 26342 27770  
98906 07723 08084 69568 91612 81110 80868 45436 44238 78546  
78939 87010 92095 37206 66267 79651 64503 91256 26562 81236  
22503 79179 93610 42611 04870 92590 89138 65643 62122 65003  
60377 59802 83192 23972 34526 83224 44475 55048 32292 79176  
35912 50999 07710 43874 43833 44702 06406 86581 95202 49189  
59517 67940 92995 53235 55437 27444 97367 45970 56580 36032  
32313 68917 53356 34695 22496 18922 72539 45073 89956 50386  
82217 62950 65352 13423 00000

**10177/8076/6974 kHz, 14-04, 1015/1025/1035 UTC. Two messages**

22081 78645 74290 40196 50931 49618 88068 30131 38146 35008  
69699 52218 20885 23416 51224 86859 77116 59446 04469 12195  
67629 72508 78799 61661 67596 53374 77661 75405 67367 76926  
66064 06475 47203 94531 26215 67740 55606 44490 03485 30470  
45968 53974 09897 10508 51188 30925 77312 02981 00986 69314  
77521 51486 11558 16232 51412 62681 02308 74218 14408 02228  
19289 37301 30359 33017 70097 84145 71089 81617 99856 76783  
03763 43886 63022 38339 73278 65674 70660 08201 71864 59569  
17909 98069 13075 43607 21300 97321 52362 12904 20635 01130  
21426 80119 25095 59771 68507 45722 08281 14097 00000

01110 75088 94256 85029 81352 39259 55175 16427 04686 49281  
80181 56465 82558 40215 08618 97049 25436 94142 74686 03207  
03556 62713 13961 14405 97237 37456 08671 39711 16442 66275  
63937 07735 94232 39577 32157 57299 83876 94462 27723 79765  
14226 10428 99250 48959 83098 94995 51529 99632 93332 82739  
34351 40397 61200 96114 40434 12067 51880 41545 79611 27348  
21656 39204 21471 52818 71554 09921 23653 19125 42087 67655  
87963 70341 03798 90976 11524 88426 23294 71983 25112 53717  
09459 66102 35909 27392 69522 15085 00000

**10177/8076/6974 kHz, 15-04, 1015/1025/1035 UTC.**

63499 12878 20867 98623 63234 24116 36246 53401 36195 32625  
39032 77034 45340 45663 02795 98765 18894 89384 58475 49167  
63986 45797 22928 21558 67500 25755 07623 34302 01314 63922  
37222 42427 74127 46647 32703 71989 97057 08687 38723 75634  
55188 59711 99900 32788 02267 26538 15724 42913 20731 22018  
28748 85265 14258 76527 25786 43595 25021 92988 56777 19231  
92832 11366 01013 80971 98382 93572 35419 25236 57732 64724  
84573 44910 60279 71678 57150 30312 67353 44795 98476 50728  
13654 73856 13892 89960 78705 34091 42592 34302 20513 23222  
86657 36401 88624 95501 24929 03440 58762 03642 66452 83060  
56233 84600 23151 45496 60293 50156 06423 85313 06652 68196  
77358 91239 30318 45669 05253 57478 15957 49138 14107 34973  
47958 23867 21811 46054 77396 97373 01682 10894 48077 78404  
21055 59219 48847 87248 36620 25717 84368 78335 51173 52568  
81527 41065 61488 47542 73689 89786 51987 71107 29958 78884  
13901 50967 21651 03894 94599 47494 43171 74585 06796 18459  
29450 70975 52291 56531 37174 18163 39960 97965 81955 40968  
02669 25910 48658 84287 42797 16792 17047 10104 61068 03199  
69962 07107 48359 51707 76198 73837 45197 79087 65280 61305  
98610 55321 36315 86028 71036 66880 68123 49403 80960 38693  
22818 24372 79988 38238 60032 95311 96029 10206 03982 62077  
97275 15166 30538 44144 56677 70676 66520 45795 21588 18264



18370 68263 18274 64731 72420 79801 45980 71211 33921 79588  
40224 88415 97030 16425 10025 61511 62953 48151 78740 53064  
48397 52725 83206 57486 51566 26899 10866 05421 67847 33427  
79570 81515 72400 82751 89749 04001 11826 60095 03624 39530  
72102 33902 31167 51709 14984 06567 27482 06754 00036 93376  
31298 84712 34511 40630 99267 69696 18239 18835 15746 17550  
75724 51955 82756 24395 92640 68624 19811 44503 98903 86271  
28282 30907 65517 64091 00018 97215 07376 85801 74878 24051  
09206 58127 76885 58554 16850 35935 83678 80398 61062 09979  
08952 32734 06010 18164 02569 41521 39676 66300 98046 71677  
48340 69257 62080 93474 42328 48462 25816 57636 25220 46696  
02542 02550 23704 46099 21495 42060 20257 00348 32474 07256  
55853 16920 60930 40708 94870 50400 18244 66571 69400 92759  
96856 85020 45131 71539 04959 64428 76007 91886 20415 29737  
39844 83377 68614 70461 72082 37555 53933 16758 39885 47136  
99497 56995 23743 82810 74941 95267 98790 68574 16830 72288  
33024 41544 71452 98097 44588 07168 14668 70025 85342 25797  
28481 74345 42884 91537 39053 95059 78206 89318 45818 78243  
41201 41133 96407 25404 31174 77364 87056 14272 94563 94158  
93186 70475 77067 82758 59859 38530 72332 41755 06772 25584  
34433 81902 74911 16352 46291 68429 87622 16427 00000

**10177/8076/6974 kHz, 16-04, 1015/1025/1035 UTC. Two messages**

14929 81317 73093 27739 87822 87695 35118 91554 90501 94761  
17219 28011 62997 10561 74059 57571 18348 28876 92486 79190  
49940 84681 62592 94382 95590 93305 67237 23571 63051 96707  
07211 00661 46631 65329 04230 56773 89614 28948 48956 29083  
72170 34974 86220 55674 29441 57618 54636 42393 29483 06386  
22805 12587 65773 07323 89281 75705 43940 55446 38502 75687  
67430 61809 69857 05058 51783 43635 42090 95699 22208 30949  
00224 22215 74147 88154 77189 78822 01525 73988 87349 15728  
22337 88291 54105 45906 56322 79036 38770 58232 34344 08038  
62906 97889 44215 17093 00000

32599 25900 91884 49703 55720 82752 89308 37285 69291 95641  
12404 13496 91416 98614 24064 31056 51967 47451 10287 30473  
81102 06007 30656 86209 08821 87734 44706 32236 61494 82074  
62595 09167 66296 20387 93539 00172 99492 61126 90438 47835  
39513 98943 14118 69166 10737 27401 65658 10942 28951 09981  
60209 12563 84402 39095 40759 68624 23377 87758 55269 08375  
14265 83633 45643 34262 09024 60122 21928 86744 35998 64196  
20228 27563 85021 25654 67732 58655 70734 17489 03316 18902  
85075 62064 27142 25894 74861 62767 77708 18087 00000

**10177/8076/6974 kHz, 17-04, 1015/1025/1035 UTC**

Null message: 5761 00000

**10177/8076/6974 kHz, 20-04, 1015/1025/1035 UTC**

52566 43842 59529 14596 98603 14581 61973 00552 46955 98698  
41917 34832 80132 18298 32601 72290 90650 02143 83774 66336  
43864 43584 70085 04642 25278 80856 11293 03935 83259 54417  
77722 31067 03113 21028 79428 42530 73424 29262 62473 59622  
30638 86120 60773 21443 92791 69460 76960 82912 18346 65897  
90667 49993 51051 38891 17710 69307 36791 56695 68569 14338  
23327 34856 79642 35399 78900 72948 15672 65559 90610 90237  
66814 99715 28523 89960 88768 88996 86435 06894 59411 17682  
35239 17930 50373 54835 49815 20307 36992 97826 95409 07222  
95085 49940 84411 95479 57977 99248 39485 84891 32210 90945  
23976 54089 95394 10324 25558 22461 24619 18585 04021 32881  
28867 08668 39170 34936 83873 73284 39753 73317 92860 02348  
99363 11085 21591 51990 10252 42478 81173 52341 70987 74962

57059 46264 48901 85208 07675 76247 83254 78678 81106 61611  
40066 07516 23304 33251 54541 26425 76216 18071 22025 91220  
89308 90327 23446 29749 92896 32048 96147 39852 06736 69712  
86092 94075 82297 79404 42326 55799 02178 77601 39686 36482  
85074 39793 40653 48707 69760 14123 32316 34719 76509 22239  
99353 75128 69388 64538 19011 07488 67878 71984 88962 09416  
81236 71711 24044 25960 64063 58566 82754 45879 16489 89813  
09489 56552 77427 45157 03427 32175 84337 19289 50021 34953  
97924 39147 76023 33963 15219 23062 13976 71388 19471 23986  
87120 30796 40306 24000 50651 87154 22561 72263 50252 43277  
27257 83623 83861 82383 13135 40045 77591 91452 72199 62068  
11747 35072 17696 42464 57880 84460 47977 59295 12822 31352  
34676 10551 40610 41432 08641 37552 58283 27014 42055 29321  
26447 43637 50191 25083 30566 40282 61227 57112 63918 17884  
27571 01091 48144 75837 77119 26172 52336 51169 27906 61947  
96590 80089 14555 24487 50981 36574 99996 68655 65874 27702  
70873 58877 94530 50411 40065 75557 93925 39365 04799 99324  
14738 60628 33742 40299 16429 30819 81554 04565 68361 66451  
54309 15038 22887 93126 74231 28919 71347 69286 17195 18907  
18921 04199 21405 10383 39256 74867 90714 91722 94825 71565  
41003 39959 33944 26654 63062 28948 00376 06403 00422 12249  
16491 70478 65553 97901 25879 28801 42893 57280 06383 50446  
52116 35221 89479 04293 70103 53601 46939 36087 35037 25571  
30717 11626 81059 22610 76993 80744 76946 61606 10326 41784  
67205 04145 08823 11237 39068 85183 16296 28262 63790 13320  
12327 48742 85706 09820 76171 08589 57484 78607 05459 60959  
44992 24402 75608 17103 50249 61178 50906 45496 25870 78154  
83180 08973 79452 55484 59015 44525 91345 46843 81431 15472  
94233 71096 96977 90676 87973 80239 04180 30501 88124 95790  
04256 84190 31604 30832 80075 28365 87915 39882 14262 01316  
49372 63785 82403 12791 98770 19435 00000

**10177/8076/6974 kHz, 21-04, 1015/1025/1035 UTC. Two messages**

23232 96655 05372 49438 59737 23663 43565 59995 29511 52698  
65655 35382 32972 11912 17638 06820 07448 69063 18960 49740  
96086 44851 72888 54384 94604 15394 22684 25408 43053 39810  
33259 08927 54793 73839 03009 70435 99859 55429 35516 72053  
84914 73236 25793 22516 96964 53972 40773 98356 03041 29537  
98721 59729 23015 69874 77264 09280 17755 92486 04709 67535  
59799 84549 14368 63232 78733 98557 66540 62016 98465 07447  
67877 81964 08584 30125 42776 69365 36980 63351 36529 33178  
15932 20081 00000

49289 71038 67081 53660 92585 13603 56721 17875 53407 14790  
39746 76927 60792 74741 66640 07143 90877 21675 91163 15667  
46165 76964 39505 05012 71998 06263 09623 88475 27425 42586  
30439 04887 52653 92313 35592 06094 00266 60038 31417 15654  
22400 53198 63867 82147 31066 52430 14033 75555 73804 58587  
76970 00145 91852 52349 03522 22298 53029 27373 09798 36713  
76505 82912 84039 19428 91665 86852 45517 41094 98225 45081  
35180 38944 19823 38158 42719 70885 68240 21077 00000

**10177/8076/6974 kHz, 22-04, 1015/1025/1035 UTC**

94265 57865 93348 32631 35558 93737 82161 35961 08596 41157  
31880 54978 92424 87124 11366 78299 26688 87648 64613 20606  
33304 69872 90093 63091 37453 30764 03002 08460 61321 99590  
16351 30163 89036 56347 01863 20562 26235 23323 16565 67707  
02687 72006 06062 15411 91435 12508 20393 86314 42870 57691  
03436 72628 57183 79192 41774 24239 43640 97532 83979 88860  
40103 73488 66238 83929 91251 92928 05269 04923 08925 62289  
44455 99794 63032 56882 64145 64201 76475 89225 92043 37233

22497 89580 74644 02301 47923 15880 95626 22905 70714 35240  
52173 67940 25269 44246 25129 06253 53926 20186 03944 75106  
68087 20439 52342 52278 27414 21872 56508 64453 10520 19657  
75720 65564 75613 21051 04397 27921 34515 12395 51442 45549  
88487 80448 27884 34701 99326 11899 30708 73047 94137 11006  
99829 28316 27247 02886 03300 28028 47673 64640 61657 25051  
45607 51495 47387 38631 76329 10146 20417 75599 85013 96505  
85576 61448 80834 40028 82973 35956 33844 21798 47219 93043  
93025 58589 96430 69568 48988 10058 36966 12724 89716 51268  
94810 80737 22838 77744 09571 56566 62816 35222 51989 79259  
06535 91298 50947 22690 45692 91164 40868 76331 89454 64603  
65471 07780 95793 76450 98810 11696 34958 37694 69537 74860  
33513 19413 99318 12038 72377 36724 91360 52317 37307 94948  
29960 80637 45257 15168 77034 64173 95059 81355 76555 18267  
15854 76289 02836 91610 11707 98413 13600 75337 25869 76848  
93775 65743 73092 26728 00948 35297 13450 12064 48408 91642  
66098 08309 86740 29282 86423 81822 69881 03611 55000 28411  
16586 82014 51797 38143 03245 51700 14092 78618 48988 88948  
01493 13884 79005 19491 16549 01180 77031 24673 54345 32706  
62927 73115 79549 14596 56301 82553 54339 00284 12091 41527  
65636 20454 39071 45637 25106 76763 37195 28027 40339 91514  
14730 88797 80665 30479 71112 53036 86037 41048 56462 12136  
92413 72907 43696 28120 72081 73417 74177 05625 12368 74884  
62832 61260 81156 15920 73687 45011 52662 64062 01743 93381  
91901 31866 22140 18964 21284 03623 92545 66120 17777 14923  
19698 87468 14069 52235 26054 20851 02179 64692 77465 71482  
62941 05272 57834 28960 69810 43554 01672 73826 40411 17264  
20510 53367 34295 14748 84097 31338 20310 05617 42316 41301  
62047 61708 98757 98266 94787 35569 71902 48320 92387 88652  
04827 60924 47550 86402 09391 93588 13909 02420 55825 83583  
83359 98903 43680 46399 97095 75548 15043 85625 13766 04078  
95996 43946 83192 90620 77221 49937 99107 33103 69704 40347  
29316 65843 96482 62562 46749 08549 06356 86921 09827 61887  
20511 83597 65576 16833 47997 43706 73945 69968 30980 49343  
76736 61931 05725 22238 59618 81189 90234 05701 80630 00342  
34489 59568 63636 37121 94217 72817 80154 22437 00000

**10177/8076/6974 kHz, 23-04, 1015/1025/1035 UTC. Two messages**

05009 34642 17505 54665 26375 98003 64137 72781 20936 86696  
67030 84280 63123 18658 19748 51397 11161 95231 55163 44223  
19189 80559 36142 62914 92072 94345 13139 94379 12565 66442  
90858 14369 95523 26688 71199 70914 48870 28433 64643 10064  
45971 29202 87299 29821 39128 76914 85777 73258 68881 75114  
57074 96726 48785 25644 55674 74091 30376 72183 05044 22951  
77987 93124 55705 63760 08130 17183 57079 47804 73101 60215  
35291 14955 93522 06652 94110 67150 69490 84005 81236 68536  
25031 03881 87088 08205 65536 67924 68317 23087 00000

81496 82211 44839 07852 70365 35528 26097 36638 72385 64088  
01350 75834 86452 41945 13687 80027 56178 15546 12310 55062  
84992 48011 17688 02575 52520 69767 18448 23198 24414 96458  
04699 01918 72833 00082 67456 23975 49751 44286 18885 94789  
80282 19764 13014 62312 68223 40683 71633 65264 30979 88089  
45060 55687 06078 11216 62444 69250 96448 22644 51321 41747  
46669 48250 31085 95226 67338 17872 10080 42179 49801 07637  
40986 81241 38378 69886 14200 82827 52309 11638 93886 88150  
74591 07519 26399 70058 49896 58108 75741 29113 58758 29629  
65776 23380 60221 24093 00000

**10177/8076/6974 kHz, 24-04, 1015/1025/1035 UTC**

Null message: 5761 00000

**10177/8076/6974 kHz, 27-04, 1015/1025/1035 UTC**

87676 43960 34410 17773 44984 32052 42681 98488 46827 39912  
11839 76669 15215 46905 60263 27004 12527 84631 19467 49604  
27102 08626 11333 49962 41737 84603 98112 82662 21034 68951  
03606 51063 78533 88138 28981 80113 09571 46742 11651 04513  
00789 18775 00658 39374 52252 02001 47003 25614 73097 39923  
32348 67216 36651 41145 84537 02599 05962 50768 53372 77230  
65678 53538 45080 09719 21216 13416 38905 68534 51139 79254  
34277 01575 23710 11289 01970 85736 13534 08105 37714 88708  
79236 38783 41680 60146 88117 09914 72281 94436 98710 22156  
47731 32232 37199 96037 93789 92935 28602 71682 61143 55337  
68701 12144 60841 28579 47612 65049 91251 80637 60963 62227  
54943 16521 69604 62008 88953 23351 93793 63891 56877 24536  
52785 50266 76195 10205 85777 34865 79314 36103 15133 22643  
31716 08138 37830 10779 55686 94740 56075 85464 33042 34268  
83002 94190 85298 29594 84422 98209 54724 47103 42534 34854  
34698 62269 52547 44414 22836 18996 88159 41247 95293 94921  
96810 33816 25712 89861 10663 23342 97218 79590 84243 35752  
80940 02136 94679 66628 79451 68785 65477 43811 58606 16985  
99757 37390 16183 47320 33923 71726 60783 11769 47655 19226  
99429 45403 91202 80530 57276 58750 15897 80824 77905 32968  
18823 36948 77611 85056 37585 74986 52136 95263 56113 03048  
59280 13893 07444 68897 25829 89688 84399 57141 52234 86996  
94132 05654 13487 83874 17436 45927 79620 68354 58795 97034  
04278 75028 98083 67895 54781 29163 79868 47525 82149 90512  
01243 87969 54489 14035 84134 09590 02201 69682 43028 83410  
48445 88465 84025 70197 23295 26974 96203 20963 85018 67540  
21180 68591 96928 96237 11858 65252 33238 25896 16246 45317  
12350 56325 47336 18436 81034 88932 24936 22492 97920 37925  
00421 91098 89735 05276 00331 15333 78742 11652 49756 04404  
04805 00484 61438 74923 90514 57373 01538 23490 22833 12012  
67993 62244 49658 14808 42428 22120 14785 05420 01514 53441  
79677 15353 98751 78580 05489 71838 52606 76351 93782 95170  
01913 02829 09377 06676 14519 78276 33754 89528 60080 94889  
22480 69577 82950 25006 65058 08382 36117 34509 70669 25642  
62099 31088 28219 93211 31761 02047 14149 67878 76970 21357  
46430 55107 78049 30630 08196 20918 91932 23707 89426 94105  
32005 89547 20155 25975 35519 93109 93597 99777 79562 98899  
02679 07058 31485 66893 38358 33061 44747 75498 23223 18431  
31091 51264 78763 83481 05108 10013 49784 73324 81753 39081  
34376 42822 13394 75370 92895 53895 26664 58877 34385 72040  
25485 66404 03868 02438 11025 55133 18970 66775 34574 70748  
29282 93846 19267 99801 96922 16097 11591 70994 21728 89323  
48617 25421 00000

**10177/8076/6974 kHz, 28-04, 1015/1025/1035 UTC. Two messages**

31931 79664 56767 07147 71772 25569 07954 12307 48297 84745  
01359 40680 65564 91339 51932 63089 33031 44371 88427 66638  
77898 13212 99588 79391 37242 42008 74961 68194 15869 82699  
88774 51827 20832 11350 00326 96672 08545 07462 69306 87104  
05428 00966 09507 87751 88030 16576 29339 39862 33563 70194  
32607 58926 76770 97057 77979 25758 34102 16299 20582 88222  
81097 61637 84158 15799 93927 32859 37237 74154 91045 47786  
71739 11933 35862 99424 07465 76936 86399 47981 70894 03884  
02853 02413 21744 40945 49001 71236 25717 26087 00000

02643 53681 13858 01216 03103 26739 84394 37458 88733 10087  
42629 63752 34006 96367 28223 35613 77499 58536 81212 04556  
08519 76678 44879 76229 76459 78611 37475 12768 21370 86428  
53730 84084 49141 86202 82083 97772 99762 63008 48568 62305  
82079 68472 23308 63226 73496 13029 50531 57017 08056 00065  
88076 12326 01332 44156 67289 53246 85586 40565 09281 84335  
53606 78198 58468 02061 34674 13213 19332 22356 51104 45443  
07338 78976 28788 64862 49959 72351 60171 60239 98731 27079  
00000

**10177/8076/6974 kHz, 29-04, 1015/1025/1035 UTC**

99934 22101 73308 47946 22748 72909 69952 38600 85358 93503  
14817 93385 16588 61065 34219 20919 19650 67329 40124 22501  
83452 43817 00084 60571 18599 10616 24850 15534 35289 34617  
03360 79404 05302 08180 39759 59713 75240 84128 72177 92092  
23246 28048 77915 84999 76348 73786 94757 45004 30648 93135  
13076 56077 41523 15595 18430 11324 76037 59177 89339 20594  
44749 58187 79914 42411 55094 98905 42047 13655 53547 99127  
66836 75428 48732 92480 49932 18566 32684 03467 10507 97197  
42438 24170 18514 83823 29138 28548 09942 64325 26856 85278  
94746 96358 38303 55059 87137 79564 79622 83330 12925 11029  
51455 24339 73594 24436 28455 57493 71821 36357 84460 81931  
28086 48092 95485 00263 43095 76529 87739 27392 85690 12436  
22847 85391 10934 29634 37471 70338 38056 93488 79509 02066  
42954 42154 08064 92759 44929 39005 49366 95338 92349 19708  
25855 17567 76927 82342 00571 12810 31292 94044 04083 83402  
89559 12577 36119 57550 15574 46285 59088 25692 28505 00871  
25690 47287 80512 86412 07784 63945 66132 83088 18729 79834  
68097 89016 46356 95320 69272 98668 38783 04766 85384 85284  
10236 94420 98246 85732 59090 01352 94151 11243 15300 19349  
37136 32460 59410 62733 31789 12252 80339 24019 55305 84702  
64117 86357 63455 03745 30768 76704 00179 09850 61527 70651  
65470 88223 83579 84845 21261 16948 04493 17956 39966 28497  
13565 26103 25410 33069 92232 43704 60786 77175 00769 85663  
63365 35923 33420 91848 50630 62414 59203 99792 47515 42729  
90520 56547 89456 29901 46806 05645 00924 55333 05372 10086  
54129 41103 56653 97308 37603 61571 06029 37061 89315 27757  
89419 88122 74039 92890 94839 74812 09637 02611 07090 79220  
71961 38214 17790 60098 33062 26418 67920 34342 12369 14059  
15084 82024 45562 31177 42649 60884 00803 90904 52982 41231  
97005 99625 11954 97206 03869 75808 36887 15314 28306 00982  
45169 06188 17013 51271 05678 30509 29821 82937 60242 75029  
63544 70360 07299 39621 31003 19898 64948 21308 24907 08069  
55592 06202 21295 17478 79344 05285 02205 68941 68389 94982  
02280 73239 39491 48455 08975 50932 86837 68551 71078 93686  
82400 58357 95208 65532 75997 90283 34999 67509 12259 59624  
02631 14126 06669 33522 57434 95070 47880 31290 51215 20617  
18484 97007 35012 74154 51421 50346 56965 20291 64236 26554  
05991 41953 38338 41540 80934 04934 35475 42985 89909 73312  
68603 33436 09497 24199 69334 76306 58488 35224 19160 20720  
65877 43225 36621 06144 37771 97563 37637 32747 52917 56501  
11152 08413 41530 00089 77311 08355 27105 57987 20339 08259  
35911 75676 13314 76912 03845 67476 77023 39229 35333 29820  
40093 45630 93980 13219 92565 28425 00000

**10177/8076/6974 kHz, 30-04, 1015/1025/1035 UTC. Two messages**

27410 66978 99177 29657 42854 04861 80079 32510 53442 62382  
05348 20887 74147 03256 12763 54748 35105 04892 98044 31035  
87709 32635 04795 27107 90498 12933 09059 17302 60752 35101  
46955 04849 02767 36411 58812 36282 48711 50147 48242 90579  
73029 21355 79596 60178 66309 19937 62239 66087 79562 05816  
95067 74260 74855 25822 69733 05427 43223 47016 55985 55575  
75803 56119 17583 69255 99134 79748 32210 32913 10551 05134  
13834 80419 74612 06023 60940 28010 66502 03432 79086 80788  
73345 15965 51208 78015 89365 79361 54114 69344 65827 29089  
00000

85230 36798 85232 86564 44908 99469 33595 71274 22315 52566  
13284 60188 16383 56254 27643 57591 61409 21339 02363 25207  
07390 79722 81491 81018 07889 92451 11445 38031 07597 56299  
17680 06417 46798 94833 03739 07470 24914 44874 27338 72821  
90311 74316 33203 27347 48580 92231 47325 79189 06444 37187  
62327 65370 93502 54735 68636 26384 29011 99991 11146 08248  
25838 26254 76044 15423 48844 45591 37520 63055 69828 72342  
19003 01969 86247 85466 48657 14852 95891 70671 13791 07071  
44708 30081 00000

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**12194/1058/8112 kHz, 01-04, 1840/1850/1900 UTC**

Null message: 5761 00000

F06 – FSK 200/1000
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Link 00052
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**16209/14363/12226 kHz, 08-04/09-04, 0800/0810/0820 UTC**

11166 00052 64782 08058 02429  
67529 42005 14479 97090 35108 93748 73608 50557 36120 03506  
60447 26092 10093 89487 10853 01982 15790 83863 85549 56238  
24432 81363 81888 69148 80113 90709 59771 96638 19565 56074  
17667 94116 10134 40738 79667 95495 63648 90144 79516 77079  
74594 16540 52541 61000 56046 72381 71445 37892 71788 04697  
86872 13488 88070 07595 58701 08840 93422 15108 88999 68828  
59977 01549 92571 58666 44734 81580 66048 53079 54203 27177  
41440 47845 20861 43667 35111 48385 64864 72045 28091 15100  
39455 09748 38678 70122 83492 67059 73263 95185 29553 01369  
66314 75298 41032 96426 45457 67902 76689 78826 82592 02205  
06077 88867 16986 38378 24270 48007 61269 41309 39368 90077  
26285 48585 31180 48466 25719 37407 04534 16435 46460 20116  
85661 22771 95609 23020 35080 89964 60098 28209 75421 67083  
39834 83044 57635 54550 40321 07018 14007 62995 35691 50649  
71439 73389 38084 86136 23415 90616 34312 34423 84091 07710  
75740 58376 72965 22908 32342 76775 03536 76731 46837 78782  
74413 01271 49872 43585 86307 98869 22175 94912 33323 92380  
14615 45094 42023 14205 62111 08359 56676 26274 52334 88061  
94126 88188 35116 67521 16746 15682 83531 59160 96874 96605  
42573 91631 71212 56620 26365 39623 08586 91784 49840 26025  
39529 10223 05840 51145 21127 50061 23549 28666 35540 65826  
69228 33028 45662 00484 75160 87920 56346 85309 07758 50581  
54636 34781 10773 71578 27427 28676 84535 34771 80023 98567  
87172 07131 04001 60893 68729 53116 67820 63807 74141 93286  
58240 00000

**16209/14363/12226 kHz, 22-04/23-04, 0800/0810/0820 UTC**

11166 00052 56784 22059 01569  
95801 45344 55536 21557 65287 68581 15913 70090 36120 40665  
38863 49739 53567 95061 14929 04296 66534 06031 26523 76366  
49261 90821 02634 99648 88965 54145 84963 48342 60131 60878  
35166 92118 93129 47915 37895 30105 37864 11132 79339 02300  
14616 28376 05932 01872 69287 04427 92917 36778 75227 48876  
77489 14130 48825 22847 36135 45752 71063 15503 10939 98377  
32212 36278 14472 36895 41859 33765 68000 34117 71455 77208  
52675 45473 21569 61521 78395 72097 31040 21786 00038 60716  
70203 68158 35740 13807 85397 77120 66916 08431 86914 00023  
24700 47212 97610 74841 92505 89869 04333 52101 79383 38757  
79377 70898 43865 76847 64150 45948 72990 81595 32221 51619  
46189 63110 73961 13866 38716 00092 69951 46014 44330 71949  
45345 89334 21892 10559 22377 44330 95576 20073 13202 03693  
63389 38251 20261 22854 93669 37717 36340 89066 14267 90606  
61539 74969 24083 45021 79310 87548 81666 86741 58775 48460  
50542 84635 75493 45632 59154 00000

Link 10053

**18626/16325/13458 kHz, 05-04, 1530/1540/1550 UTC**

11166 10053 13579 05001 00049 00000 00000 00000 00000

**18626/16325/13458 kHz, 12-04, 1530/1540/1550 UTC**

11166 10053 14789 12067 00049 00000 00000 00000 00000

**18626/16325/13458 kHz, 19-04, 1530/1540/1550 UTC**

11166 10053 13579 19067 00049 00000 00000 00000 00000

**18626/16325/13458 kHz, 26-04, 1530/1540/1550 UTC**

11166 10053 23698 26001 00049 00000 00000 00000 00000

**18726/16238/13378 kHz, 07-04, 1650/1700/1710 UTC**

11166 10053 12356 07001 00049 00000 00000 00000 00000

**18726/16238/13378 kHz, 14-04, 1650/1700/1710 UTC**

11166 10053 48672 14001 00049 00000 00000 00000 00000

**18726/16238/13378 kHz, 21-04, 1650/1700/1710 UTC**

11166 07601 74102 21001 00049 00000 00000 00000 00000

Link id 07601 was sent instead of 10053

**18726/16238/13378 kHz, 28-04, 1650/1700/1710 UTC**

11166 10053 17935 28163 00049 00000 00000 00000 00000

Link 40122

**16325/14724/12172 kHz, 01-04/02-04, 0600/0610/0620 UTC**

11166 40122 96328 28080 03649  
53931 10203 04727 86154 77320 78109 56001 85915 16392 91496  
96579 74488 75077 01052 10043 95543 75521 11417 64212 86211  
68476 76915 08505 57610 04731 02443 97168 04782 53513 79233  
86834 88203 78802 10169 81823 54067 09490 04327 25646 85523  
64322 45457 62126 02059 17572 64070 14597 49216 16360 67828  
56594 45830 85588 09922 72498 80962 81395 00121 31551 77748  
79092 88194 23687 66308 06503 74378 30624 32939 58660 26579  
30640 37756 54776 09006 60482 17990 23449 51917 82841 19098  
27013 17164 32831 20917 61002 39226 41903 51002 89639 46420  
62652 02376 03303 91972 42926 97848 08895 49644 22698 68118  
89075 53593 52123 35816 91257 87160 54232 22708 32347 50272  
80684 22218 30126 60142 34025 04479 97245 64961 54891 46085  
58748 75263 97588 01746 79061 42654 42488 60008 09405 40594  
18677 50267 91543 26912 35299 93215 78830 92751 45025 11954  
60462 27631 88091 45917 99903 55298 90338 34833 23408 20075  
13696 64882 19569 28387 82539 94254 35849 75141 34373 00285  
83018 09666 68257 15359 83437 20886 89431 43781 24125 46420  
73570 76779 00558 35299 99094 47848 62117 18975 20999 95609  
95140 70326 84613 26375 04511 55339 02747 93612 79708 07145  
44643 36489 56288 77112 10195 44681 08688 42682 87849 41649  
35332 76621 19641 03549 21957 07395 21786 55980 94096 25331  
34294 15752 94657 14287 98003 69856 47545 13482 82514 08839

93244 39190 13422 56742 07326 20996 72309 64832 37791 32278  
67942 61271 22204 19622 02073 73939 70546 60848 78323 68589  
24736 06336 27575 69514 30737 83341 48287 54935 84207 67986  
85209 44267 35624 54614 94895 19480 65807 77193 71484 47724  
67805 62464 31163 97410 96056 19502 78763 64942 68773 95404  
04924 54268 34493 51774 87254 76466 38717 41686 93948 61530  
51596 91839 13261 99543 42577 19567 57316 53451 12969 39395  
13665 10581 22352 38844 43026 65144 69769 28153 46673 48858  
15651 93620 51867 51920 55385 09239 88810 01488 80500 86329  
57533 89873 88368 65839 08161 69627 26397 83011 82994 57713  
81612 59101 93856 15940 51612 99832 33110 99857 57783 05281  
41825 93302 86751 20863 83498 70762 70995 84139 96780 54771  
44550 47095 25651 60508 34749 78597 50462 44789 75937 76722  
68305 01642 56100 45626 96129 71649 32334 16659 95054 57254  
76100 18400 80362 00000

**16325/14724/12172 kHz, 08-04/09-04, 0600/0610/0620 UTC. Two messages**

11166 40122 78963 04081 03029

93781 09857 83624 76862 77272 36581 75201 82640 36161 33651  
36877 88556 33040 52485 93002 27678 64761 09941 65822 76044  
10625 72996 17656 57327 24412 62682 89263 28443 31205 81924  
57857 63309 14931 97012 63163 76941 07564 27365 74995 57055  
15925 23278 00769 95388 47021 36355 56391 35912 17849 12302  
48973 82123 60615 60763 44791 30609 59305 81910 20939 23066  
78531 54443 24112 33966 70606 14710 84957 36052 71781 81630  
61428 10855 23572 07103 09574 96416 80130 56590 05220 89409  
87584 49567 64950 43834 46283 14519 39858 33490 91899 38178  
80480 70400 56308 13688 96355 96387 94194 17379 58663 89971  
86318 68845 19351 55794 55377 54009 45215 88748 55403 15864  
90353 30004 20637 42576 55439 57111 84805 07640 07240 75380  
06752 41773 56841 02710 63351 41237 19988 65066 95644 42264  
07998 44794 19134 16294 22677 48942 34182 65695 53674 89803  
97436 24662 01724 94841 40236 94975 76189 88203 44918 71314  
40379 11006 14984 35801 03036 72568 00040 26484 79468 49802  
61466 09421 70743 76920 89744 09070 34382 92679 09387 76668  
44999 37314 32390 01284 68320 16380 46173 93231 97014 73670  
46923 94543 21785 40402 54278 96175 36142 52866 68313 66631  
98319 55711 54733 21718 98741 33070 69233 90082 06505 34698  
56957 54251 93297 89323 87985 71837 58198 22391 14805 06616  
01789 20383 62681 24144 23026 08919 88880 31625 37301 36803  
71676 66698 39128 83220 15084 64836 57899 30269 80244 60051  
80147 80037 94189 85773 67422 41909 35077 02497 84733 59589  
90488 72178 84470 55291 56216 47390 47360 72180 95998 36905  
17143 78911 51953 95130 35412 80695 87140 72712 81855 58609  
69827 75088 54723 09130 58624 25957 75664 05827 98033 82537  
75326 75476 28383 69936 68992 76603 80726 78769 16608 71272  
33804 26725 88647 89957 05497 05719 32269 81309 78388 00327  
03629 67496 45219 58799 41706 07059 91937 52063 82065 57482  
81300 00000

11166 40122 36987 04082 02909

79283 25399 33998 54655 08851 72484 69484 51418 84550 86486  
97400 82369 05430 67893 21428 47139 50773 93769 05086 29308  
43427 78123 92324 93144 02284 78082 57137 25382 19860 25552  
80599 14184 25920 89045 78793 82516 23058 95385 30047 18095  
05205 65954 74933 67107 94969 47175 87446 83888 60777 39931  
40825 53739 99718 57590 16428 31084 97071 67328 29117 60139  
98407 94447 67590 70295 55246 94368 73077 63391 30171 21980  
04870 35069 72364 53048 66088 97399 99483 37359 88154 94966  
46825 88285 97386 31595 69711 38473 12156 49904 10039 16318  
44059 30897 62918 22946 01520 05736 04360 14352 19281 96927



65920 18415 62199 31088 67268 41458 76810 90469 42592 44048  
89068 95451 21795 90723 71729 35176 52416 03326 29791 88511  
73204 72648 77438 02537 75294 08057 04937 20736 11922 29795  
58894 78083 42599 33654 84349 05212 22716 82684 02107 08853  
74477 05660 19765 20730 00129 06950 99877 32098 23407 17519  
87235 22786 00178 12205 57090 27244 41652 31804 97772 51804  
08760 81752 83912 86288 08986 66343 46333 06567 05445 94971  
76123 63661 06156 47262 44039 49515 36622 54705 02428 75349  
75392 97231 61856 23567 57304 38167 59636 59120 74090 46007  
62431 11293 27028 76435 70129 61829 11338 13048 13178 00349  
36999 90192 60562 32978 15686 46385 80613 55153 68495 81720  
21835 24511 34174 17735 05943 94819 82510 83138 50293 96878  
62600 73870 61896 77333 40655 60901 70196 31336 07051 44236  
90814 89985 57306 76536 37427 48501 76667 04817 23985 46047  
83001 03639 24448 33159 07673 98251 82226 87702 19094 01110  
86518 65311 18645 10206 57728 95227 63642 42656 09153 57491  
97041 01985 77131 02421 88568 02525 36831 98307 16969 99399  
45870 18281 48049 97497 82959 02257 88211 37891 73751 54939  
18165 85136 21083 65774 36499 63888 81798 61836 82288 00000

**16325/14724/12172 kHz, 15-04, 0600/0610/0620 UTC**

11166 40122 65872 15069 00049 00000 00000 00000 00000

**16325/14724/12172 kHz, 22-04/23-04, 0600/0610/0620 UTC**

11166 40122 65742 18083 04149

30725 89601 68109 56174 73792 71497 48944 10015 55663 65982  
55914 62015 23591 56081 12900 50404 37830 63640 07046 75436  
97284 46350 17591 62278 47686 07350 07679 38835 64471 78384  
83851 51952 27553 62418 52904 70442 30182 46670 30788 48354  
89066 21991 83254 46945 47962 69526 02927 38770 91892 00606  
52477 42349 14212 60786 28616 60831 03685 33999 26556 23099  
43770 07728 09669 50760 41300 85159 13986 99444 26748 55250  
78364 58628 53157 59968 30297 15566 96404 29836 51994 06862  
71904 27347 64111 12812 41271 36228 38573 34523 92435 83119  
18518 12363 25650 36349 55908 32790 81386 14176 96517 72002  
52323 13452 66953 49832 46586 94619 43429 92342 94466 84002  
06958 26546 15766 79319 14658 55690 89983 69352 41865 88551  
96520 03719 74724 21165 17092 73674 57965 94435 17525 89888  
27534 76067 51157 68137 82784 40242 50985 58830 77900 43494  
02783 81339 37244 20213 16358 49033 24322 46207 37143 95985  
19050 43782 65306 41276 83002 26749 74568 51820 17346 08818  
47913 89684 43126 23810 72383 54801 58611 31115 60142 59036  
53378 04850 87993 92537 83809 30136 72547 68312 39723 54956  
23217 55960 56785 71003 40234 40504 54424 21973 49875 67258  
03913 62741 94072 58668 56318 17855 16625 14059 84997 12772  
13156 28231 22339 76297 37048 89849 95420 37651 78510 45542  
90290 66593 58984 40668 99540 30065 08061 72680 32872 63757  
15118 18024 95338 82072 72837 18508 62947 74889 54815 38083  
10319 64593 94437 25974 70073 21791 57209 47093 28657 63155  
23738 65673 88269 79837 25535 93067 49599 69882 00854 35645  
95043 73088 62717 03715 77108 31740 96352 67432 41665 25662  
28203 70612 40764 55025 33711 38385 14685 69345 76053 39645  
47911 66109 93030 90214 28716 07467 74274 07678 67057 28431  
95992 53799 50449 35011 05404 25489 42522 15737 72076 80235  
53932 14985 48348 06948 40335 41574 06014 78148 07090 11039  
41469 44447 25387 45036 66503 57242 89498 76327 26918 30579  
69820 32749 16171 78106 41410 98634 76223 86069 92688 77115  
02781 08271 44024 01734 97122 93951 30847 70811 31694 84507  
31014 03010 21657 40002 41101 37522 19585 81390 31297 27324  
75495 59416 33611 98936 29395 86095 43059 77129 28532 89740  
36533 97993 86548 79456 39029 58844 26713 30049 91924 78367

76414 23273 03001 65462 05129 06377 82884 20213 23014 53859  
97606 15424 82347 43396 91960 32160 48980 81854 63344 47731  
35999 42350 90790 99550 16777 98273 48845 73316 59615 65228  
61007 88938 51149 86813 72400 82661 00712 25199 46378 08822  
42842 42409 14734 09659 80127 83287 36214 26643 33559 96035  
43026 51734 83412 00000

**16325/14724/12172 kHz, 29-04/30-04, 0600/0610/0620 UTC. Two messages**

11166 40122 63987 25084 03029  
27972 18404 71291 49638 87317 12390 80936 63541 20656 75446  
64271 51621 73856 84258 16412 22936 34563 63836 71366 67322  
25963 75104 33739 82686 86976 34627 71088 05518 68573 14890  
09104 55553 00872 98595 96815 30556 10739 85391 34003 12113  
94565 74485 78000 68414 75896 71566 72085 64941 02620 93494  
62633 19000 63391 69167 97234 59043 27985 60023 20951 74709  
41253 48611 12907 68530 25398 68660 30398 45227 70216 75097  
52713 99550 16035 77432 41839 88586 58996 84974 62260 99472  
33406 37288 27018 48469 50810 18355 62233 72307 00506 77847  
07271 97763 41154 07986 92733 00394 38209 49388 63484 88367  
26821 24365 38862 72329 04924 21093 27309 07244 86180 77105  
37559 17143 67485 35537 53618 38724 90697 72557 65685 44732  
03306 19435 74223 33066 47706 27671 09363 92539 33775 50629  
32827 81252 74437 40115 14558 78481 88906 81332 01242 96052  
03287 14648 18917 60128 03234 17623 76846 99324 18342 45727  
64854 00136 42966 55184 61299 15565 23154 56383 93886 37923  
64379 71296 20496 71722 39762 93333 22219 67604 03468 73080  
25785 03245 38965 78350 97581 22165 96841 01991 76426 66389  
01849 15880 37315 63894 33878 94554 03300 56772 12554 56904  
47707 81064 40116 99366 53870 34179 82304 19065 24576 90858  
28117 88235 40946 50286 76820 88162 60828 41846 49938 03306  
49059 69299 37359 84450 41279 94422 40814 79478 48066 00941  
08096 48231 47994 53575 97067 26296 25325 80242 55397 67407  
00758 19584 26942 19150 28697 01009 20739 11649 59446 49451  
03529 63933 89790 32021 01751 37669 50396 88732 23950 92935  
03454 14507 39529 25746 49026 84628 74787 91991 63514 40848  
12185 47497 18697 80315 03761 58882 54771 14538 34654 64904  
05833 90534 97658 92981 01241 91397 64749 60582 91289 58425  
66518 16155 70645 02033 15464 99306 97967 93613 34056 24905  
35159 55548 73529 20787 54684 91546 34342 73776 88394 24506  
84300 00000

11166 40122 69871 25085 02929  
24218 63687 16287 34079 14738 89999 18649 11138 82396 20903  
40020 71310 45071 19388 38398 94803 29835 26080 18148 84667  
33064 03492 70032 60708 58756 71395 66814 31242 46018 87991  
87855 09855 21645 56571 71165 69379 38739 62347 16322 50262  
87299 69155 86713 65511 87719 30701 84531 69420 03137 96044  
96955 82240 31566 14019 36971 88005 63751 66252 27242 47681  
17683 83495 00506 94840 85711 24938 14891 06043 55196 25199  
07625 63104 88623 38678 35556 49462 74139 35968 75927 47792  
82428 31990 85844 31097 90877 50566 43870 64429 60962 55103  
22186 59456 79792 00073 62759 49031 01758 82986 55946 73986  
51207 01539 44987 99310 72099 45620 04797 01911 35568 78879  
68531 97145 41329 89518 00330 96311 73877 15025 37693 12283  
99401 70502 51927 55469 14366 35318 00091 87305 81684 77725  
66879 23445 15430 22167 19900 03840 00020 88944 26749 71918  
54807 60935 07350 30016 80023 57047 19988 63274 45005 17100  
04461 49180 04642 27820 30809 94937 54985 44639 27040 69858  
63956 88975 84298 24961 38089 25693 62919 16962 11240 50426  
47786 78855 66217 41452 26454 04252 25256 55803 88460 37684  
70265 74308 69260 88048 78820 25237 87236 07391 86794 41257

47207 02195 13601 29373 08875 69391 10967 58541 43660 74261  
21176 94651 28346 12409 55726 37553 48975 23016 30335 39828  
13449 45554 17224 11980 96237 37128 00635 43746 63678 92668  
46499 96202 53256 35131 22207 44363 05342 67907 27412 74947  
70802 06634 21809 69021 42927 32575 60820 24180 87108 34783  
75130 95973 66718 33210 55008 63256 88605 99970 25347 47154  
16665 20926 22370 38323 26913 64798 07927 12205 02497 51989  
82334 36959 92087 40287 81682 03748 80092 69664 70550 34083  
42112 33338 66077 43905 84097 67291 54311 69093 88634 75440  
84781 82079 16790 32628 54237 54274 38967 32641 15474 43972  
85290 00000

Link 60070

**9455/6863/5426 kHz, 07-04, 0030/0040/0050 UTC**

11166 60070 36987 07001 00049 00000 00000 00000 00000

**9455/6863/5426 kHz, 14-04, 0030/0040/0050 UTC**

11166 60070 12589 14001 00049 00000 00000 00000 00000

**9455/6863/5426 kHz, 21-04, 0030/0040/0050 UTC**

11166 60070 14789 21075 00049 00000 00000 00000 00000

**9455/6863/5426 kHz, 28-04, 0030/0040/0050 UTC**

60070 12397 28001 00049 00000 00000 00000 00000

Link 70048

**11484/10185/9615 kHz, 02-04, 0800/0810/0820 UTC**

11166 70048 25896 02001 00049 00000 00000 00000 00000

**11484/10185/9615 kHz, 09-04, 0800/0810/0820 UTC**

11166 70048 14569 09001 00049 00000 00000 00000 00000

**11484/10185/9615 kHz, 16-04, 0800/0810/0820 UTC**

11166 70048 17935 16163 00049 00000 00000 00000 00000

**11484/10185/9615 kHz, 23-04, 0800/0810/0820 UTC**

11166 70048 12347 23001 00049 00000 00000 00000 00000

**11484/10185/9615 kHz, 30-04, 0800/0810/0820 UTC**

11166 70048 74123 30001 00049 00000 00000 00000 00000

Link 70059

**9473/7556/5471 kHz, 06-04, 0400/0410/0420 UTC**

11166 70059 71395 06001 00049 00000 00000 00000 00000

**9473/7556/5471 kHz, 20-04, 0400/0410/0420 UTC**

11166 70059 97531 20021 00049 00000 00000 00000 00000

Link 70202

**13427/11054/8189 kHz, 01-04, 0700/0710/0720 UTC**

**12146/10388/8084 kHz, 01-04, 1200/1210/1220 UTC**

11166 70202 28796 01041 02639

96483 49285 50985 67879 19055 57105 26510 35731 49981 72711

22613 72526 44956 50537 66221 61710 40227 41898 39383 15836

85147 01557 30819 28092 68594 63516 33672 54796 00160 90751

12885 46028 32069 28543 90641 66594 32758 16121 23318 74509

48050 36289 68363 49197 10868 07728 64575 86567 85411 96667  
41800 31925 67577 35946 01681 67390 17998 17199 73279 48690  
24687 68504 03988 97768 71901 33919 77970 05611 14914 41348  
43513 06131 37004 25495 14593 22230 66980 52401 81455 55649  
16286 42635 14224 42750 45246 40136 94124 47993 17758 23216  
56562 16875 53920 05057 80519 60431 39845 20095 08594 93079  
03970 43666 32135 95466 19555 41292 25716 24607 42323 94944  
65455 42852 42980 02778 15457 87716 43723 99393 16836 54346  
18326 93649 63601 12627 64993 70443 99932 30684 11497 53924  
22946 26775 61841 78470 25666 21263 44086 64739 64340 10795  
68191 47290 84566 36262 53985 51068 90491 66782 37912 63130  
91757 71182 18427 96991 12065 99198 49166 96117 94332 44027  
39459 73457 86336 08224 71216 34243 41368 44859 92070 78415  
18442 95619 93654 29910 16205 97951 34730 89641 24973 83042  
18290 58845 31452 36386 82358 29939 60198 42990 13378 91598  
86464 89119 41971 44898 04703 42105 30397 77557 87121 80665  
10693 93063 16594 97014 83464 41426 28391 43148 36242 48750  
45139 42724 91001 92170 39159 40918 40098 17240 06932 13514  
80119 44569 89654 07726 02920 62538 24614 36191 53335 53104  
61469 96211 12705 47504 28028 36055 17944 58556 79829 40140  
75244 86773 17830 55204 77806 46899 08652 28927 87221 11833  
91762 83384 87579 20818 07893 94750 71783 48803 33242 01402  
69584 12610 00000

**13427/11054/8189 kHz, 02-04, 0700/0710/0720 UTC. Two messages**

**12146/10388/8084 kHz, 02-04, 1200/1210/1220 UTC. Two messages**

11166 70202 95173 02042 01599  
60467 66205 01935 61109 11306 17321 64690 23584 31135 73576  
30626 72139 46328 01769 83395 48458 57366 39627 63291 87178  
78333 37050 92138 34126 96828 99380 08450 15814 90212 12428  
11259 52397 59150 53908 36100 31283 64374 21005 11540 83557  
77599 28725 69717 30443 82550 58745 09328 91957 87010 63437  
34486 74971 31852 54749 17900 82845 07969 32645 61802 13836  
17068 32777 55078 40458 37235 98087 50011 86997 79227 04022  
07103 47350 44428 92042 81396 10380 20398 91132 48741 84987  
74956 31974 95429 42073 34746 83488 19662 15578 59194 66431  
18256 29798 45835 23722 57050 45157 27910 52198 48439 39617  
50188 25490 84471 67928 33953 62688 98953 65893 67085 22504  
56993 91844 80175 27599 95426 22505 94620 48793 62551 45446  
53617 03805 30629 15302 72010 50239 79563 65947 65931 77506  
75220 95819 48144 27341 90802 68570 00069 97632 44738 96239  
56388 09241 53507 97133 63202 40486 22842 45600 95644 59000  
25754 55884 45913 05640 40804 67256 17652 42157 00000

11166 70202 12386 02043 01939  
60619 06707 23088 84846 68512 64245 70203 62750 95731 19234  
91447 59755 31060 29321 18789 29329 84970 37577 96070 08148  
03126 58719 03886 09208 75675 44339 79465 90028 22033 25574  
23779 56899 55843 56651 13028 91090 59801 07760 56717 07979  
25026 80664 69503 85021 34673 45515 48995 19511 96473 22290  
76697 02058 53886 55300 84293 16729 30543 54196 52436 03789  
87697 99922 34261 45969 99334 39045 20777 64215 74655 14899  
90353 33845 82600 08989 09470 57048 58124 91076 76919 52679  
94886 01409 28669 49267 54059 13497 45534 92185 43934 50911  
30891 00925 50024 56513 50585 37394 20329 37566 52232 71200  
35473 35161 06112 52835 18395 91401 34821 30706 63267 12772  
23889 72964 88349 53143 30535 80039 42451 64840 32762 98846  
19696 91211 85960 74588 62274 99143 79233 01086 55874 74957  
08602 55590 47469 32109 09301 29000 40162 04161 14344 87428  
44767 21428 31540 26055 92817 94766 56163 01197 40681 54923  
61442 51544 19484 20884 34087 44494 10519 95672 47000 08515

50831 13022 86406 37487 98665 83366 75543 77952 13464 12585  
62137 35211 30102 91933 61825 59206 32058 82614 74728 96125  
53179 43402 17356 16671 62768 74781 37025 56918 13642 78020  
00994 43191 00000

**13427/11054/8189 kHz, 03-04, 0700/0710/0720 UTC**

11166 70202 95637 03014 00049 00000 00000 00000 00000

**13427/11054/8189 kHz, 06-04, 0700/0710/0720 UTC**

**12146/10388/8084 kHz, 06-04, 1200/1210/1220 UTC**

11166 70202 95147 06044 02559

69638 69523 62489 66913 71491 54175 28982 47093 68685 10186  
02107 92424 65678 05721 27062 25759 35985 79615 29344 06191  
08155 15024 01749 57833 78412 46371 57884 31117 85899 79293  
50616 88793 11443 28257 78905 33837 85803 01532 31448 21424  
18332 88226 40576 22181 81969 27056 44854 28899 15542 61532  
83793 23880 29267 11274 73143 49123 24428 14116 34178 46530  
63140 18704 75434 60313 49159 32266 50317 18804 05658 53251  
39028 37836 60907 43512 28252 12909 77821 19731 87021 92294  
88269 68772 62226 48301 18122 16641 42176 88861 13952 05754  
61674 76643 07337 60185 47034 47868 77695 43600 24465 48020  
99593 39546 40287 26641 85462 08792 66390 58393 59668 03412  
89392 82582 24858 42290 06916 78318 06542 77744 79440 17513  
86816 07942 11161 62900 63206 14809 58273 03253 93524 32120  
88153 43008 12718 73441 37847 88460 32610 74630 45312 97735  
60503 30576 51856 86715 97561 30855 99195 08110 02913 24016  
69593 45858 34415 65150 42489 92054 02023 26460 66074 98574  
94681 75498 67250 20600 66698 50774 48397 94228 94524 89404  
44400 15345 39887 86513 38365 11955 80195 91044 59465 27165  
92183 67698 11353 54987 99705 79662 04572 96175 21628 71835  
91420 26251 80762 59222 26683 92943 59763 50194 02685 85194  
14946 59303 32097 40947 83939 89328 76935 85877 48138 87251  
47185 20286 35866 03848 17498 96305 77205 11573 35386 52642  
46423 60444 19359 99016 52927 76588 70445 67495 66706 33165  
45524 72918 89171 48328 65912 49577 05343 89935 59643 56371  
78330 91679 60878 67587 72034 10333 14874 91527 12998 78789  
61969 84149 27371 44253 00000

**13427/11054/8189 kHz, 07-04, 0700/0710/0720 UTC. Two messages**

**12146/10388/8084 kHz, 07-04, 1200/1210/1220 UTC. Two messages**

11166 70202 13465 06045 01799

74446 56904 71910 30783 20529 52181 79950 65877 53587 20934  
18651 22252 90741 87699 80403 85373 51881 89694 15127 99050  
02115 57809 79016 27927 57991 16463 77529 91162 49674 63228  
07303 90756 56265 14192 26673 82920 56455 25968 09505 65964  
61697 30311 62010 83126 24088 42265 07236 63772 36139 27784  
66917 51419 64634 41762 95383 92013 85757 72413 45205 80892  
13672 52934 69257 91881 39750 26392 88904 36957 24631 74770  
82983 29913 10302 48113 77278 52464 44381 54705 39160 46238  
33800 98221 07104 79069 70066 72794 09748 59067 93293 51918  
54192 94850 87192 32147 88224 25436 22202 17515 66161 68174  
88959 55607 72982 58197 89279 61242 86462 77812 76851 88677  
81972 99262 64823 38299 09649 89313 42471 08706 98607 49093  
68136 30161 67904 87615 30624 40310 48910 52444 96237 88134  
48813 65913 83657 77059 09908 40357 33824 83161 44385 70779  
67044 09406 49285 28401 44478 61870 31327 03526 76219 58860  
96279 71161 43134 08888 82570 77826 24667 18425 43831 72991  
49784 15388 10041 33582 13253 99272 81981 54993 24441 53898  
38680 07036 80815 83674 62521 78268 83349 45177 00000

11166 70202 86421 06046 01839  
04596 00182 60451 81598 51993 80516 97104 31076 86966 76016  
91346 53874 98273 15901 91400 76743 22762 74911 98487 18348  
91626 73351 10781 27838 17000 78790 75675 64920 86060 45366  
30041 19871 54854 51616 33147 96929 59002 22790 21959 09504  
83495 48566 43476 60638 58758 32119 43816 07163 75169 31467  
18719 30978 33226 79052 55169 65905 71540 90470 18815 53539  
39856 98301 66876 26542 09272 71983 91231 42817 36860 09642  
21366 19000 26867 12850 41868 36701 55677 80217 04168 19941  
52748 80778 37200 07215 54676 93096 86679 66626 74601 21025  
37678 27516 54127 22077 00192 27040 89953 09318 62378 95128  
52401 12740 41164 26251 38015 11041 84898 11444 23442 69754  
07747 29030 12763 46661 60509 17458 95469 50431 67553 78719  
57275 63412 84547 85762 10943 64530 56684 92349 39320 13218  
82072 68792 67771 80313 10003 12006 08190 36878 28757 03314  
41778 36850 22656 12446 32788 54494 03039 71165 90405 62567  
42847 64964 20965 62149 69519 16256 37682 00065 95863 57516  
20102 34843 93613 17801 40428 37157 39345 71077 98949 35661  
87443 19816 35721 44187 49810 12265 10713 31216 86992 16862  
69601 46181 00000

**13427/11054/8189 kHz, 08-04, 0700/0710/0720 UTC**

**12146/10388/8084 kHz, 08-04, 1200/1210/1220 UTC**

11166 70202 15648 08047 02199  
94098 07918 96598 31622 58215 40492 83000 99161 62906 45683  
51536 24148 46569 93485 17179 81533 59332 86365 26433 49607  
96517 95350 81465 49439 89629 83694 02239 74273 47044 79092  
31312 32289 61596 80367 11009 51191 27250 09558 87632 18045  
32036 45362 22426 52801 19444 98864 13949 38962 35467 17484  
61574 59798 03471 28083 24787 13582 94085 55174 57964 06254  
82304 75162 25334 44972 08976 92562 25803 80979 88879 49117  
82325 75221 32571 01775 75520 85151 74180 30447 26203 96178  
22363 61485 56542 46168 76572 17825 84507 16450 75864 31721  
31312 87773 72394 81023 46529 84634 46822 34919 80567 56423  
07790 20094 59206 68822 42673 43229 39859 03901 11792 30797  
54272 92332 03258 72067 67329 26185 90663 76283 06658 25708  
60783 79925 42730 58568 03484 65020 24133 34957 81030 74418  
97702 27021 18976 34976 68212 86043 85815 24596 77295 55814  
53603 44044 06299 05634 56705 79493 32741 31380 90898 66727  
95083 98081 19972 92937 45477 22433 82052 97064 95194 18680  
12809 54602 82421 56336 27750 57814 17097 03143 30787 27308  
82495 51719 41253 15879 98235 53354 56570 90586 74397 07346  
92742 03989 11442 79360 69874 90473 25625 47226 34896 48629  
04575 97607 38678 95574 22748 21992 09733 04222 71422 85437  
91684 59362 82936 66507 36693 93554 53852 91830 72028 88731  
96728 13738 81974 54461 75204 04394 72245 47217 00000

**13427/11054/8189 kHz, 09-04, 0700/0710/0720 UTC. Two messages**

**12146/10388/8084 kHz, 09-04, 1200/1210/1220 UTC. Two messages**

11166 70202 29863 08048 01759  
47056 41212 78081 76383 80279 99709 11654 45682 13935 03695  
09632 23392 29380 54368 25062 84978 30092 74848 77223 20266  
07355 07383 81428 01206 72854 45030 51192 11459 00337 08756  
27447 11233 43557 05872 14502 35814 22665 30763 27421 51221  
96250 93836 80518 15434 61215 89629 71659 18618 47661 40020  
42034 00797 00993 73463 16127 70398 68406 26210 51536 72121  
31965 76430 53344 77555 55447 47187 32736 96987 37145 39191  
14532 35846 85809 79283 23341 44202 61932 95573 03013 32781  
51538 55181 49076 53914 64694 25506 58858 70867 75908 44974  
28960 63986 48607 14195 54788 47099 10890 43467 11824 92607  
74734 17560 23317 88704 15854 63734 44092 77163 56373 33906  
15156 45130 17539 36921 68798 69352 34629 81857 88858 36292  
51257 18302 55864 86552 35260 84537 31718 57060 83356 99580  
63619 19439 06760 59997 11919 38007 14935 27449 31578 95850

39691 17895 61934 62392 66794 28392 04459 00909 67278 62427  
93174 39415 45660 39736 87460 53382 47235 01508 41884 33696  
91636 46961 32787 38309 24857 62194 46291 51026 06917 27254  
57416 95854 77353 48173 00000

11166 70202 37621 08049 01879  
99474 23699 34218 34331 00049 17214 85000 54175 78447 52643  
17118 78595 64512 26924 28909 42512 24043 99985 49684 15799  
97974 09394 06691 06834 63921 96802 51155 61471 74767 19675  
10598 93360 53996 46681 59599 06541 52453 60237 26221 96270  
96207 14598 76249 39009 80229 22963 42458 07501 87545 72023  
91089 71887 38574 87383 42716 72802 00323 98300 89693 77369  
10141 75177 77377 54048 93700 38254 41305 27267 81914 60911  
17510 97781 56460 16061 68178 39685 78604 39026 89823 10027  
81024 05369 96162 31956 27293 47090 92889 37342 68736 55658  
86536 79812 53337 45280 94594 54123 66378 74867 49098 82826  
07514 52132 10854 56157 33947 68251 36497 36080 24419 36529  
65573 60431 43676 33505 19821 08101 12119 65941 31856 11183  
10312 12127 45432 25039 73044 10927 54471 92206 52632 97037  
73055 61097 56141 05863 53557 45410 86225 96449 95109 35212  
40269 65945 09587 95614 47511 53979 37298 13982 48849 60430  
29575 81615 49011 25016 40441 20847 95763 42124 94545 93481  
65877 09343 23564 51520 62502 33124 88234 16112 53664 39999  
28232 95663 06562 66815 07058 79042 97349 28400 44138 64822  
01096 86111 51317 12496 91609 49185 00000

**13427/11054/8189 kHz, 10-04, 0700/0710/0720 UTC**

11166 70202 15637 10007 00049 00000 00000 00000 00000

**13427/11054/8189 kHz, 13-04, 0700/0710/0720 UTC**

**12146/10388/8084 kHz, 13-04, 1200/1210/1220 UTC**

11166 70202 39875 10050 02739  
84036 50183 03465 31836 54747 55653 22317 43289 96299 76534  
50825 98832 01436 51323 30378 24920 74959 41714 32794 72417  
05070 33003 81115 14330 20723 64676 21286 97913 20973 20858  
93130 93380 87227 35305 74111 06366 14337 90649 94254 46355  
21482 16559 45719 68255 28777 16511 35425 29298 10537 77873  
54186 28460 61137 44967 60793 20596 34417 59808 04461 22462  
42545 00213 34102 52819 25304 69947 67853 73812 25717 20631  
21293 25802 32963 10044 17783 72840 78511 26570 29382 00984  
96421 34422 21764 36617 83734 19366 01571 76991 21903 39621  
89652 50159 45194 11616 68616 46478 67002 85300 78135 88899  
00008 88699 56447 34205 31119 46383 51476 22390 37149 01558  
50031 16381 52134 96454 98502 99268 22263 90709 13495 21249  
09341 22413 05853 13464 28714 41530 66486 10918 32624 70365  
87464 51663 74891 70772 16794 44452 17893 22780 70321 22019  
67764 44342 49215 22206 48755 06880 36440 64107 52688 26318  
70674 11412 24451 34294 21115 40148 69459 59229 11586 53010  
94031 71956 67411 07455 14614 75576 83473 49744 96786 44252  
36905 72153 09993 40604 92839 35488 08930 66417 76677 24140  
77536 26327 11281 25837 96519 09189 42556 53293 20346 16803  
01852 49942 74649 94698 78606 46933 09985 44652 01690 63595  
72867 23628 52874 68534 80033 58838 60873 43568 06864 33600  
49379 17684 25897 23684 37547 63195 56394 88832 16356 71297  
10856 49149 49285 49209 49466 01033 70746 06075 78373 52353  
80706 19830 52763 81551 58940 02213 70648 50350 47346 04100  
68325 24773 73771 28369 53422 84146 15772 42466 36483 22773  
27756 07868 47031 73980 79946 68622 45032 11210 82587 66164  
63713 05846 93851 72587 44664 46475 34875 59555 51160 49258  
60352 50271 00000

**13427/11054/8189 kHz, 14-04, 0700/0710/0720 UTC. Two messages**

**12146/10388/8084 kHz, 14-04, 1200/1210/1220 UTC. Two messages**

11166 70202 56823 13051 01779

20686 36425 51215 86245 94753 68833 45789 32621 48358 16493  
37241 30546 15816 15499 03677 33705 56342 90921 90337 42797  
20875 09628 67484 63687 86563 71493 80167 25025 88618 87419  
32086 66274 04224 17608 70711 32094 68172 68529 65872 34003  
24943 72018 98978 65261 46876 94932 05086 79925 73161 52825  
34968 71982 49308 26042 29409 15538 71789 01720 22879 51962  
67556 90075 18799 34959 63100 88475 03571 69466 22746 91673  
91571 05361 60884 71692 18278 71869 57806 75765 23742 63649  
33845 15784 93566 14463 61501 47685 49605 19390 20248 64223  
07545 91508 23697 49545 43577 63992 73817 69035 37331 73545  
21889 92843 83275 86137 40887 76538 87754 50942 38975 47339  
93860 93457 68799 69336 01325 83702 12277 86166 73617 40466  
45550 64558 49438 57518 13814 87200 00794 62736 70689 68356  
04840 46078 61830 90677 21685 17335 57469 86642 95334 79617  
63563 13061 19971 29495 66245 92083 38749 19728 89268 17156  
67302 45551 69119 47343 59140 40408 77496 38480 55133 92117  
45842 84571 84259 15370 71610 67880 07813 41519 10960 41152  
24259 11593 87564 90397 76915 51175 00000

11166 70202 98635 13052 01899

36246 64421 04985 37991 37786 54638 73626 93886 05203 53979  
94416 82244 88862 80760 66343 10002 58392 32798 01893 31645  
21543 00481 86190 13700 90418 16671 20237 19643 49757 16850  
15409 51153 06950 07966 31414 06649 28483 69398 74895 43052  
92496 34498 00866 51709 12141 26129 84159 84410 09427 44647  
53098 90443 44245 31762 02539 50619 28250 58718 28518 19214  
78300 12223 51654 09750 89130 76568 21516 85565 29953 35387  
19126 41111 94669 41465 99804 84898 60386 28071 43531 60054  
33920 60210 05006 63401 90971 49276 80617 49024 37669 79502  
34483 27230 49163 19680 50762 94868 64954 18558 04429 57934  
45651 07378 67683 32388 20840 57973 94201 34144 82756 69873  
48401 94146 05443 84847 71911 59493 94082 52327 04448 66519  
94199 94147 01256 96801 15408 42041 14333 52003 49397 46323  
29604 08507 86843 79205 77245 37769 62940 81177 57334 03338  
86221 23889 48024 70464 30379 87980 88421 89251 93751 79282  
53364 37273 56180 31841 62271 32607 87913 71189 89276 53214  
90250 36319 66804 23600 72610 83769 99801 54702 95712 22296  
32795 47938 35564 51530 36969 99347 47926 03092 09456 64773  
37964 07571 02011 72013 64759 35831 21277 52187 00000

**13427/11054/8189 kHz, 15-04, 0700/0710/0720 UTC**

**12146/10388/8084 kHz, 15-04, 1200/1210/1220 UTC**

11166 70202 79451 14053 02559

58625 80445 96022 49191 30923 41403 39859 72114 06735 38848  
81030 57749 84084 22936 45476 86643 94980 75063 21997 86857  
75009 24614 89715 90011 37337 87673 55397 36656 93273 38651  
55328 04385 86627 50757 01426 57147 34000 66254 76272 39190  
88236 82441 06774 62059 67197 64296 71103 58111 15066 19709  
18651 98963 88343 98254 07628 02327 83753 99446 90058 75644  
50221 01384 98799 70002 52126 45759 16316 42713 76007 40147  
29868 52038 97917 63515 02828 32477 53605 85897 16779 24054  
78721 38160 64115 54055 11231 92807 95817 94635 73212 41761  
54083 44749 74251 82045 44514 09827 03597 45322 27545 77654  
03270 32210 33788 13870 39330 37331 33000 25533 13460 76007  
11346 66198 82077 48568 36651 80928 75152 03180 16332 14682  
31921 83158 77682 32531 95673 69686 25224 25114 34823 55879  
54780 97798 82425 13135 28986 66957 11340 35712 43908 11822  
87229 74458 41464 55333 66575 95647 47330 72441 31905 25845



39031 49269 81400 68743 73882 41615 15110 04920 31493 06185  
84907 10426 50499 03036 00426 55174 64230 92635 08124 67043  
64984 75997 85691 72643 51602 51310 18973 50676 40036 85515  
53593 58837 41589 24265 38485 20185 38520 88687 03496 79920  
11697 32420 38259 68520 99991 57318 64532 32144 96099 11304  
19171 16276 08471 16780 89937 13519 44044 03042 71335 11492  
91465 41135 32637 01754 09492 04597 15321 35711 50245 04500  
02079 38427 72024 72266 24603 16283 21361 88661 02322 19423  
88986 82422 29284 44919 69425 46949 51372 91605 78884 48503  
01045 02498 11129 24347 81769 55754 36038 94256 19365 90115  
70520 33862 22419 53253 00000

**13427/11054/8189 kHz, 16-04, 0700/0710/0720 UTC. Two messages**  
**12146/10388/8084 kHz, 16-04, 1200/1210/1220 UTC**

11166 70202 64123 16054 01799  
03021 29884 65794 62330 99967 38187 80517 78851 81389 60758  
77628 20341 41848 94798 40073 61264 27376 14003 28985 45550  
23900 54425 31729 20543 95757 50818 62381 33166 35256 28160  
38094 05477 09193 78038 79768 31800 13298 74586 10487 64640  
70517 09658 50139 81543 34084 51927 29671 50107 81307 59604  
73404 33315 09031 01446 22856 02408 66678 65760 00506 49437  
87842 62089 36933 16742 06342 45241 09783 85477 67689 16392  
67969 90440 71909 80911 39591 53332 08639 67621 46951 51675  
70450 39164 77169 65561 55335 48176 81775 69418 94290 18944  
03758 60980 64929 59238 55489 44657 77073 32016 95961 11487  
41255 41666 80786 82851 56060 14495 83373 10155 75265 78144  
10749 47646 40688 69614 62435 40567 91706 26588 05836 95831  
87370 41751 66559 27400 02050 84781 57128 93556 80555 21702  
92494 68262 63670 86285 65820 13784 20029 83200 82940 46777  
45279 27579 78962 15010 14471 50698 65421 26924 98600 26463  
81452 01215 81257 98380 47395 28618 36301 11705 44280 63084  
52517 80447 67628 84550 16173 43940 29014 00464 87435 92630  
03807 78273 31559 67816 48550 26068 90809 54177 00000

11166 70202 84519 16055 01839  
12762 68326 87151 92058 24431 20146 66258 50831 50407 90176  
15113 78343 52907 71024 79330 90638 26968 86958 00745 74301  
67595 98449 83831 37331 17890 11488 86059 79643 15295 77628  
61853 31639 78192 95689 14858 34273 00012 51059 38193 59072  
43049 53525 47379 91526 49174 59586 35629 26294 09629 90172  
06195 47667 61088 79706 61441 93727 00180 17458 53361 27626  
33652 67118 25188 64433 06365 75533 98817 26994 74314 06534  
87723 29220 14849 60806 40034 10266 91290 67727 41482 68016  
14133 60120 32907 65331 66014 67844 21989 07482 82641 91183  
93912 14215 06860 39952 50642 34880 58059 49252 33502 80071  
84093 07848 08735 68195 87913 60055 20751 10429 46089 67114  
42725 82493 61415 38975 79257 56676 16788 72419 00763 92547  
22539 56480 14292 09809 74410 31075 00462 91699 64365 09804  
71192 92419 11417 02841 27923 46980 04663 00869 25016 06944  
75716 05978 68009 50475 42722 20476 01436 40146 93131 29554  
65867 26940 97447 38727 28891 23868 71105 52001 19701 97671  
26688 01705 21984 52015 83664 65913 04798 00624 27827 34408  
96126 53803 37631 09110 28797 66772 19615 49924 13443 23251  
20082 55181 00000

**13427/11054/8189 kHz, 17-04, 0700/0710/0720 UTC**

11166 70202 39614 17009 00049 00000 00000 00000 00000

**13427/11054/8189 kHz, 20-04, 0700/0710/0720 UTC**

**12146/10388/8084 kHz, 20-04, 1200/1210/1220 UTC**

11166 70202 59127 20056 02899

77004 00583 51869 74054 32520 81402 27948 93155 15597 04859  
36670 49333 36170 90428 99415 44480 53680 60187 25956 99408  
06923 56824 48265 41633 46736 75811 25124 47166 38703 47673  
97219 34748 28061 31293 97414 35958 84010 04187 45886 89641  
65598 60693 84809 34093 76380 54006 32284 95426 00030 42999  
60181 95579 34098 29762 25613 28380 64106 98808 10690 77117  
45155 93874 50280 72059 83238 93253 52433 11341 33461 69609  
41173 93672 57328 45186 76342 36308 06310 78383 30181 76692  
23859 42602 25334 81249 83080 83320 63970 09726 02227 64326  
02706 08552 05210 39051 53008 31628 19331 07937 11786 12006  
27395 47774 51833 32873 16409 23951 26832 71298 90055 21555  
70584 13169 37117 56249 95179 62752 73048 50884 17769 95326  
96875 88757 70639 26319 30625 79481 74285 95375 33447 98377  
78145 88821 07644 85349 98705 48929 38774 14164 09656 43446  
37030 68078 63786 93808 72069 82756 51300 85487 18490 42403  
24251 08902 54145 40060 41775 04334 78466 38004 15811 09285  
43004 89171 61998 31716 11354 05565 85438 97591 90673 84561  
56003 46197 01959 29075 52888 71625 81289 22503 83085 33914  
29209 44388 03475 88229 50438 37753 01208 05571 51116 64020  
12094 83404 85735 06480 81643 69680 70985 08213 98494 48672  
08665 55444 54874 62056 84877 42228 13806 63698 37668 77428  
87741 31556 10320 19913 58307 85155 32472 52916 91845 82070  
96265 33496 30454 91840 19685 78023 63190 70770 14307 69648  
07149 86044 99622 98674 53083 62596 31134 71783 55267 51167  
34403 51037 70285 40998 62248 08614 74430 65584 17275 08196  
14408 74933 06921 48957 71027 72766 23209 33088 40563 42102  
64403 42789 63489 07647 40731 37679 55257 08448 31392 08548  
18814 79234 85009 48394 43546 63889 80736 26689 20338 09484  
92188 77796 27428 14322 21399 39493 66759 56287 00000

**13427/11054/8189 kHz, 21-04, 0700/0710/0720 UTC. Two messages**

**12146/10388/8084 kHz, 21-04, 1200/1210/1220 UTC. Two messages**

11166 70202 37649 20057 01859

92896 92696 92697 39318 38632 56922 35196 76927 43573 22628  
51448 10383 39689 86751 86568 42378 01068 97835 48769 16490  
33168 96033 78153 04891 30134 93453 17169 04367 73621 62017  
18659 20318 71556 21026 52446 43434 60283 41622 96392 48741  
18519 10336 22866 71692 66566 18897 16559 40996 49220 72501  
84587 72877 25799 33731 44819 56444 15745 44300 03351 84859  
73222 91818 57096 11999 89173 13766 82398 39286 44229 55862  
95624 62393 60957 27016 96660 32485 28855 18043 31261 11711  
00532 76342 33181 27613 82526 53723 32034 56154 69183 69547  
37802 88048 93044 56412 37953 58070 90167 80524 68087 42048  
03836 53977 42060 51221 75077 81102 52507 78640 93438 06102  
77733 77312 06456 54124 55865 74773 11246 82997 12247 53763  
76670 87785 50980 53716 69500 25367 46571 72728 83024 51222  
96611 74705 91534 85612 21428 31375 79126 51343 21646 53845  
16261 50297 29597 93405 82506 70919 15519 16252 58920 43857  
34469 81827 38486 87918 24903 79458 28066 13563 94851 02984  
40289 76088 56629 68057 98814 95725 96021 01818 05418 86798  
86873 59601 42330 63166 87034 48403 08263 12119 76582 61753  
11571 53917 24274 57183 00000

11166 70202 82975 20058 01739

51598 72308 59025 76147 42956 25486 18086 93468 20415 70843  
54246 16355 21330 88205 06844 17536 64598 23296 35713 27322  
32409 15266 52607 59427 43120 79796 30440 25957 69921 21202  
57554 77484 85001 71973 29193 29175 33875 83203 93371 58867

69587 14324 93324 88079 01458 95604 73725 81852 38070 61831  
42862 28386 29183 80627 07961 84390 36260 23828 25839 97106  
86292 55371 36074 38913 88615 34117 68887 15480 19400 55058  
44915 33383 03507 77337 09068 38145 48392 12524 65651 58603  
09750 71580 06957 18580 93578 93958 52481 01767 24371 07260  
40987 80772 34088 90901 42588 46266 51636 42225 83027 97157  
97514 68481 97361 77746 13323 53132 55222 72790 80822 69909  
24848 96408 10240 43059 68075 35781 02488 77220 83468 35565  
15007 05371 39789 33972 85902 28268 66976 86445 96074 43843  
96845 37868 74018 89962 70669 29249 72996 49021 55849 49815  
75249 87767 38851 70452 02956 30843 86604 19432 40615 91435  
93539 86360 98537 07506 56459 65288 72145 57010 44431 72915  
76751 50579 55886 02835 62523 25058 80110 01747 39304 86377  
05320 58171 00000

**13427/11054/8189 kHz, 22-04, 0700/0710/0720 UTC**

**12146/10388/8084 kHz, 22-04, 1200/1210/1220 UTC**

11166 70202 31564 22059 02919

38124 79938 07550 47386 26018 94077 22195 93395 85121 60561  
37861 30054 70493 50071 59884 18682 36958 52812 94727 43820  
43318 18347 42921 46665 63316 29129 60456 00803 08013 31159  
05826 16150 89281 70207 14894 82071 79105 07048 70791 85578  
44362 10120 61012 65577 61781 49083 38905 89080 42767 37678  
31748 60332 22777 99351 62597 98780 94926 54057 78083 46837  
92532 49704 99361 93354 50264 86655 38386 23766 98591 08745  
46711 32829 71226 59218 88993 60890 30242 25074 58391 39640  
38548 18200 76048 58262 34422 66780 41840 85938 87780 15385  
28585 11641 42868 57185 36897 87140 77067 46751 52868 84178  
30507 66830 75770 01736 86159 47591 07973 84341 05112 61723  
24240 37342 46699 43876 62625 50097 28195 07830 04124 63008  
03733 59876 33287 39341 67159 31814 96985 27769 08495 82023  
03493 26575 78698 38032 29100 85452 42422 79033 24432 05839  
23439 81774 37659 25729 72433 78269 96789 99888 11845 98756  
18235 11424 37449 98359 33828 75629 81362 90863 53491 22065  
66167 38068 05728 65789 04823 68138 23143 03691 26085 21405  
65166 96855 30085 47030 95169 24906 03776 99002 54164 23250  
50936 04881 98272 39181 16406 05726 92158 67758 09245 90667  
75590 53414 54514 74538 45350 68215 28351 92000 19655 02731  
56033 06628 77283 30426 77721 58358 88605 31539 11564 97765  
80682 87354 68846 80583 03650 80837 00894 20926 90541 64545  
82384 26626 27774 81764 60780 65154 78452 51808 26565 33531  
25702 55408 83963 30685 28201 81147 26837 55687 05112 18860  
49446 80305 92594 10941 46763 69311 39089 97512 84017 46976  
31552 16367 40174 33198 69843 43628 55021 97696 31439 86088  
34561 05708 93667 61128 94384 53623 05652 25180 45727 18008  
27148 36659 53887 66435 76458 64309 23689 03570 54627 76892  
91691 50953 38079 75164 29818 83906 56913 52078 90105 59289  
00000

**13427/11054/8189 kHz, 23-04, 0700/0710/0720 UTC. Two messages**

**12146/10388/8084 kHz, 23-04, 1200/1210/1220 UTC. Two messages**

11166 70202 56128 23060 02099

43756 86694 94559 49873 81972 23200 73226 69126 33914 91639  
10947 94603 42071 18218 82461 93638 86255 92683 65012 69899  
47089 04560 13217 06499 65307 58368 28954 84200 76535 66298  
18467 35659 26254 41760 53854 21638 94618 42245 81145 40131  
85833 34948 42146 04337 61767 83575 02237 50416 24487 79783  
01323 60970 77408 67687 70107 15187 19754 34869 78896 01568  
53985 68326 11096 54215 10926 98805 78613 98564 22235 81946  
21344 17553 94940 89682 57912 74111 67708 10332 79886 50961  
53532 80819 06632 93623 98546 99462 42988 67590 11631 92759

06980 65592 44505 34628 19723 25908 27006 41510 74735 47634  
87221 91802 28819 13881 11174 43037 81718 58798 21746 45253  
36737 39404 81535 74003 59493 98119 49310 31415 77011 26980  
44783 88766 84332 69425 01353 69000 50831 20648 11545 92615  
43428 12389 94791 35375 08882 93164 42284 71268 82353 39831  
18548 99166 14427 61434 24449 76607 33772 81282 51318 09139  
87644 08186 80868 68677 27399 32782 10602 39302 31215 09907  
09401 13927 81212 12932 32970 90288 37155 71017 53837 39697  
73915 25205 85590 46962 74905 64305 06042 44966 98644 26499  
09002 92288 60665 77603 39357 67344 97933 01939 91136 77454  
07980 66719 73249 06309 79921 45932 72594 48231 59572 14614  
69208 02705 15816 49479 83164 27592 00437 60207 00000

11166 70202 46128 23061 02259  
59506 50834 25652 24524 37376 91849 29193 35242 59440 61647  
60999 35608 04175 80990 41854 89379 64557 60755 30995 92036  
89454 77559 48008 99000 18443 16675 31144 35978 27295 68165  
61754 39872 26285 87183 09520 03699 78515 54363 78176 23944  
30460 97253 56412 73802 71886 58713 03624 50724 67372 23231  
25230 71727 26587 37079 17225 14892 05532 83264 84646 30487  
55921 97188 63670 70165 64899 33985 01997 07659 52276 23435  
77229 49418 17466 73435 57929 58630 53331 07931 37029 41050  
69092 50253 92301 66091 89522 87817 53570 21601 22591 79095  
81331 25773 12752 88814 86508 44617 22068 62319 45991 88442  
06349 75026 93673 85772 78503 17917 91661 58145 76279 04999  
11345 44231 76590 13687 79024 46696 23609 94020 65771 00269  
62820 07672 26216 84421 98213 82679 15949 29136 14818 94832  
42223 87152 33740 11667 27643 71178 91927 59981 91531 79465  
63814 02835 78659 58204 67051 36957 90023 74176 19509 46495  
95369 96096 39732 74060 32130 08082 08047 94980 20487 03688  
30490 05731 49225 33951 72767 62444 12084 07870 56409 30475  
99275 68768 34333 30918 73871 94967 87974 95049 87739 98224  
13196 62613 16719 18351 87153 84888 19717 37463 33303 18481  
51427 62304 26740 20782 83342 48064 07061 83011 12757 62144  
90930 61809 64442 11296 01544 95290 14695 80585 57167 14517  
92423 57600 85956 86307 36983 40359 59222 48347 17429 52338  
60347 22504 42889 61223 00000

**13427/11054/8189 kHz, 24-04, 0700/0710/0720 UTC**

11166 70202 38462 24006 00049 00000 00000 00000 00000

**13427/11054/8189 kHz, 27-04, 0700/0710/0720 UTC**

**12146/10388/8084 kHz, 27-04, 1200/1210/1220 UTC**

11166 70202 85274 27062 02479  
49862 10503 03712 64831 96019 56004 81643 90903 29833 49266  
03598 52218 60831 59881 02267 10947 68399 02424 13791 39073  
43887 65749 17962 88169 83205 94720 40633 70192 34599 47821  
35527 35267 31281 79082 87617 57371 63621 17764 05294 63868  
70567 44229 93469 69831 54998 85445 24844 03085 52685 78549  
51490 30904 09561 75924 23966 24322 46964 90209 10134 20958  
19578 02695 30869 72331 95713 83526 54852 86576 14656 97174  
19639 02514 00745 91582 71173 55992 38880 94452 38956 24475  
41145 65094 89040 60763 59221 75276 22051 51834 22304 17526  
08402 63703 05181 64296 77919 58270 56183 26461 06039 93062  
39686 84556 63777 39836 72842 91216 23658 82956 61245 68239  
38779 83505 63209 46714 37222 20045 37341 23658 98971 41982  
53108 33591 07544 96463 69079 58492 93512 14753 08529 24571  
12113 69003 87090 59290 22122 35394 72151 07084 58186 24538  
78674 27203 13803 65122 31123 22128 77125 51704 46201 69981  
86796 92604 16074 59388 99979 18836 96760 50213 89793 40008  
31399 08608 14322 58137 63055 89822 24396 75307 16776 67199

02337 56115 55557 30805 48831 30839 39940 04116 60154 50262  
45897 52223 62904 28105 20710 79966 98440 31980 81521 43450  
74221 08829 86256 23383 24225 55764 31585 33659 45637 72260  
57629 63641 03995 54631 64099 77566 23976 18728 67531 19522  
08026 61799 54337 97422 49990 99446 09339 44431 35971 38618  
24475 81257 49566 72570 17376 27771 23696 08747 14491 37371  
06193 65497 78441 52548 31362 98586 84318 05074 14668 43426  
74577 09251 12767 83959 47241 62245 00000

**13427/11054/8189 kHz, 28-04, 0700/0710/0720 UTC. Two messages**

**12146/10388/8084 kHz, 28-04, 1200/1210/1220 UTC. Two messages**

11166 70202 64127 28063 01979  
17988 05985 20826 76079 16377 57107 77298 87630 44593 73046  
44071 20845 27248 68336 26214 38057 35944 75678 35648 15944  
14395 90271 06550 91270 50900 50959 94825 27051 52880 31628  
28868 35045 03140 41299 03762 15553 02564 56349 36136 00423  
28928 33300 21847 10225 66500 75604 63684 61518 86143 52881  
61280 85158 80585 96025 80418 41573 84551 16638 43915 43948  
34458 24203 11281 25262 47327 39465 39336 10111 23646 27426  
40963 77245 03825 98419 84202 23776 32965 50676 98861 66974  
13610 52842 82830 44608 51171 89868 25295 99747 21724 20721  
89028 60988 16850 21343 18960 54012 45214 11310 69185 05445  
95575 87610 65644 24923 90903 13997 46605 76332 88301 39340  
48190 74142 04414 43419 27093 65764 71012 33603 37700 85898  
50442 40832 05791 93784 65622 88367 66002 29291 24281 31725  
55262 48807 42122 93237 79357 26840 94594 39689 94834 34288  
51978 76446 73424 29297 77440 56535 41175 21661 92782 28097  
09469 96694 41543 68659 40134 09513 04150 79659 11821 85656  
44817 39662 79829 89013 94863 39706 46592 42947 02143 49214  
84980 15599 01279 85908 81633 05279 84386 88172 92495 86896  
76968 13280 27745 05366 48677 09952 08308 26910 13622 38663  
61139 84229 99925 38137 45462 63195 00000

11166 70202 59234 28064 01859  
26126 75054 21906 04337 68040 22633 92709 37287 99218 69561  
76978 78906 69542 36513 09387 34188 37054 54101 20036 13768  
30596 19838 37962 45226 75051 68070 59587 09089 40115 57599  
05552 16726 98538 06658 14355 72338 04790 29940 46261 86202  
30054 57370 95887 31381 14523 39297 36926 61074 22907 67801  
47429 28807 14105 68802 89103 78627 60977 44657 39038 97521  
81144 71930 97317 47218 64772 84030 18951 17578 10250 93397  
43550 68745 03732 32925 21203 54267 03456 21311 57979 42350  
14783 82024 29493 77449 66904 70565 35978 49384 27141 89720  
97301 62145 13777 97491 11353 19618 93370 37385 24256 70365  
73470 45756 85833 78701 26685 15891 88753 14203 07030 23510  
14821 76877 44504 43390 36820 00163 28825 11786 49375 98939  
18258 14334 27236 54755 34483 04145 34459 55444 29438 79745  
32895 31324 35065 77580 63430 55170 31909 58747 98427 98138  
97500 94661 88784 58836 20459 81330 54067 07726 91261 36932  
89143 14050 05604 62380 85762 47458 41297 69563 92504 71531  
94642 06951 61553 71388 87208 37246 55724 82564 78962 46783  
14179 13338 48683 91343 00269 77713 27596 08088 79950 81228  
97170 48289 04199 64183 00000

**13427/11054/8189 kHz, 29-04, 0700/0710/0720 UTC**

**12146/10388/8084 kHz, 29-04, 1200/1210/1220 UTC**

11166 70202 27681 29065 02499  
28275 84898 86319 75886 15744 98711 74732 99752 69380 64889  
27925 38860 38739 21318 60888 70969 01663 77403 96611 65783  
55464 38729 33089 38745 79686 89608 99887 52601 37639 69506  
83941 65143 08881 04223 29279 46586 69856 77821 40361 15013

64866 56198 43721 63322 34543 98262 87594 76113 94049 15648  
84216 59956 78166 66890 24494 35475 95454 97027 19722 64684  
58702 58538 50038 12020 83810 74566 24307 62496 74341 30373  
81110 45429 33885 03943 85546 37167 73452 71694 01516 41258  
06073 50217 44172 69500 45790 59991 42258 72304 53231 22010  
64968 91817 94959 23250 93066 36226 08766 11933 38922 98703  
92125 08504 45162 69407 55966 43268 16622 13997 10973 56638  
65285 17077 78589 22897 72904 14032 43918 83450 00971 59673  
92702 00481 02755 07134 99572 66949 17066 95464 59761 33889  
48454 69354 81447 40911 63509 79415 80950 60880 57978 36473  
47922 94684 74352 18302 72768 77034 74646 52231 53448 79246  
98030 22079 23864 19927 58018 72827 71016 19506 58889 11501  
33120 59561 36044 27661 95861 32857 49959 81984 28992 95048  
88461 36324 30431 53985 56974 23729 70092 57539 61447 81838  
50588 65923 13650 98083 27027 19400 13511 40156 53076 37354  
88202 70160 45482 09642 92646 65896 84232 66164 01130 97706  
90556 35604 44730 34336 49942 29254 74223 76219 72354 10884  
53168 39659 06858 38584 10854 40313 52814 89511 09797 49440  
34853 03488 07484 21336 33797 06384 17029 15394 90735 99220  
96451 61239 26425 23942 21253 40362 43211 41768 19984 82692  
01664 85102 77482 01559 89092 68897 35479 65247 00000

**13427/11054/8189 kHz, 30-04, 0700/0710/0720 UTC. Two messages**

**12146/10388/8084 kHz, 30-04, 1200/1210/1220 UTC. Two messages**

11166 70202 57841 30066 01999

45637 28755 55303 16696 61183 67565 25765 06046 68031 76808  
19542 75531 32441 53568 26033 67052 13387 15164 19018 60411  
39464 27392 16607 66848 45254 30126 28018 56638 78106 14978  
60595 87971 11270 34687 85531 29282 24304 48940 85711 92232  
36715 36305 34122 17516 05757 26961 76269 80688 24319 35924  
15037 10202 79860 01441 21420 34840 60310 58251 19580 02726  
17881 00398 19649 39104 26727 13277 96727 35084 95389 79613  
39514 84517 19967 89049 16995 11221 88939 06034 36642 53702  
75596 75698 92553 99611 78996 72414 26968 87071 99400 20708  
53599 15101 59117 43225 16226 30297 04692 15441 80968 81987  
51382 31790 85695 63014 55860 12911 95004 78360 28071 08694  
34191 08787 18185 76808 00678 61684 39595 41423 76304 26315  
13881 61770 88950 75636 48678 65273 96896 81899 84409 24906  
94393 38194 70783 85486 61842 03150 59031 68571 09056 10964  
20794 10661 85017 13947 29610 14390 52580 49777 65941 17391  
51547 50653 31667 08527 98569 36519 84989 46168 97293 59572  
31689 58214 57206 92216 33661 28533 44601 75664 20678 99523  
14118 71374 16315 45469 94283 82501 13961 96387 25495 37561  
63881 17052 73874 53482 57240 70876 69456 20245 18039 23351  
42111 74290 38900 64717 53671 52881 21642 66197 00000

11166 70202 59845 30067 01919

55434 65986 54357 09724 56497 76914 20959 21968 11067 02349  
40240 24939 88718 54486 69849 65149 88398 34979 27591 54358  
57542 99234 56682 14579 10886 19247 83678 86475 66178 30910  
98765 49570 38978 76735 13106 27708 63713 79915 72913 78207  
33204 10678 34962 88145 73826 30857 33211 26206 98508 27631  
91216 23535 04749 72351 60049 82031 09837 65410 86370 33526  
40475 53080 40388 98266 18973 27264 58351 16164 13223 44094  
79288 49228 42622 22309 80667 78631 57145 07368 42678 44838  
31748 12206 95801 04240 43290 70604 31380 00734 22163 64088  
79858 75671 95813 08293 86385 64638 66355 09748 38470 54472  
89438 29007 25375 98982 46585 11059 33936 16795 28165 68965  
10494 19764 69210 31658 43626 45388 05236 91833 47373 91667  
40282 14879 49629 77841 44341 94778 15408 79437 22373 67925  
59650 11079 22084 20776 29276 55484 72667 52305 59159 62095

71689 77162 31714 63763 62298 80509 94787 84954 67965 60439  
 17537 39882 76926 18941 88980 44028 93514 87330 88918 87473  
 98584 97094 85894 43490 86195 32084 41908 10813 68759 22988  
 28541 13056 67831 70031 84207 03681 32727 04839 67192 49977  
 54171 27386 84192 94484 65140 78996 99023 17285 46106 67189  
 00000

Link 80214

**16351/14367/11483 kHz, 02-04, 1330/1340/1350 UTC**

11166 80214 85964 02061 00049 00000 00000 00000 00000

**16351/14367/11483 kHz, 09-04, 1330/1340/1350 UTC**

11166 80214 59716 09027 00049 00000 00000 00000 00000

**16351/14367/11483 kHz, 16-04, 1330/1340/1350 UTC**

11166 80214 14785 16035 00049 00000 00000 00000 00000

**16351/14367/11483 kHz, 23-04, 1330/1340/1350 UTC**

80214 14785 23035 00049 00000 00000 00000 00000 00000

**16351/14367/11483 kHz, 30-04, 1330/1340/1350 UTC**

11166 80214 58469 30036 00049 00000 00000 00000 00000

**F06a – FSK 200/1000**

You can download the April F06a files from the N&O website <http://www.numbersoddities.nl/F06a-files-April2020.zip>

**7425/6823/5350 kHz, 03-04, 0400/0415/0430 UTC**

File 44415 (5390 bytes)

**7425/6823/5350 kHz, 09-04/10-04, 0400/0415/0430 UTC**

File 44416 (928 bytes)

**7425/6823/5350 kHz, 16-04/17-04, 0400/0415/0430 UTC**

Files 44417 (1712 bytes) and 4418 (1552 bytes)

**7425/6823/5350 kHz, 23-04/24-04, 0400/0415/0430 UTC**

File 44419 (1328 bytes)

**7425/6823/5350 kHz, 30-04, 0400/0415/0430 UTC**

File 44420 (1991 bytes)

**19417/16286/14984 kHz, 04-04/05-04, 2100/2115/2130 UTC**

File 04410 (784 bytes)

**19417/16286/14984 kHz, 11-04/12-04, 2100/2115/2130 UTC**

File 04411 (800 bytes)

**19417/16286/14984 kHz, 18-04/19-04, 2100/2115/2130 UTC**

File 04412 (1024 bytes)

**19417/16286/14984 kHz, 25-04/26-04, 2100/2115/2130 UTC**

File 04413 (898 bytes)

**X06 - Mazielka**

**X06 logs**

13481 kHz, 05-04, 0700 UTC

MFA Moscow clg 452163: Russian embassy Kabul

12157 kHz, 07-04, 0758 UTC

MFA Moscow clg 165423 Russian embassy Brussels, BEL

14615 kHz, 07-04, 0759 UTC

MFA Moscow clg 125643 Russian embassy Ulanbatar, MNG

12157 kHz, 21-04, 0756 UTC

MFA Moscow clg 165423: Russian embassy Brussels, BEL. Harmonic on 12105 kHz

12126 kHz, 23-04, 0704 UTC

MFA Moscow clg 521634: Russian embassy Bucharest

**X06b logs**

13418 kHz, 04-04, 0649 UTC

Sequence 111666 before E07a

13418 kHz, 04-04, 0655 UTC

Sequence 111666 before E07a

15881 kHz, 06-04, 1417 UTC

Sequence 111666 before XPA2

13417 kHz, 26-04, 1651 UTC

Sequence 111666 before E07

16342 kHz, 26-04, 1039 UTC

Sequence 111666 before XPA2

16342 kHz, 26-04, 1041 UTC

Sequence 111666 before XPA2

16342 kHz, 26-04, 1042 UTC

Sequence 111666 before XPA2

16342 kHz, 26-04, 1047 UTC

Sequence 111666 before XPA2

16342 kHz, 26-04, 1051UTC

Sequence 111666 before XPA2

## XPA1

### 10428/11431/13441 kHz, 02-04, 0710/0730/0750 UTC

486 486 486 000

05425 00001 00000 35657

### 10428/11431/13441 kHz, 07-04/09-04/14-04/16-04, 0710/0730/0750 UTC

486 486 486 1 486 486 486 1 486 486 486 1

00111 00112 39100 36064 43180 60812 18994 50816 82220 34990

52942 74650 52763 07284 65727 64125 87056 78865 37367 15705

34078 31502 35928 81423 36723 02911 75764 54530 11632 81422

64300 30382 78264 77639 66108 72179 42900 05963 75099 94955

99305 70433 24160 41739 23329 00964 25790 26555 37053 74207

56524 39648 73230 54320 71070 45905 68650 88416 31129 15720

67688 62847 25446 10018 60852 31455 05768 07282 75181 95638

82647 74251 17480 39797 64561 79114 86381 02332 78527 03443

75706 98759 30990 70602 63629 20626 47931 09965 29342 26974

83709 29972 88111 04037 18346 15035 39930 53137 10122 59840

96565 78308 13060 47494 30507 32354 01061 20076 90646 61182

31074 46739 64379 48010 40613

### 10428/11431/13441 kHz, 21-04, 0710/0730/0750 UTC

486 486 486 000

02275 00001 00000 34661

### 10428/11431/13441 kHz, 23-04, 0710/0730/0750 UTC

486 486 486 000

06357 00001 00000 36263

### 10428/11431/13441 kHz, 28-04, 0710/0730/0750 UTC

486 486 486 000

02618 00001 00000 40253

### 10428/11431/13441 kHz, 28-04, 0710/0730/0750 UTC

486 486 486 000

06091 00001 00000 31667

## XPA2

### 11409/12209/13409 kHz, 01-04, 0700/0720/0740 UTC

01745 00001 00000 37255

### 18038/17474/16286 kHz, 01-04, 0910/0930/0950 UTC

04557 00001 00000 37261

### 14377/14977/15977 kHz, 01-04/03-07, 1200/1220/1240 UTC

00500 00168 12068 17759 92915 77005 96380 36846 76996 48580

58958 44403 48213 59865 27892 71903 59092 68046 13940 90670

27217 65978 76759 05874 46655 76454 83340 27032 84604 86110

47804 75350 42645 85449 17675 57664 07478 45291 45814 43547

15132 90311 30731 91620 34618 56263 45386 35912 36646 14396

08027 51532 05276 43092 00819 02459 71950 09467 47449 64211

40777 37808 79520 80675 03186 07385 20312 77881 08205 07196

07109 39790 77658 51886 82721 49800 54571 05899 12715 16403

98465 26917 56105 95647 92399 56092 34358 52871 78293 53499

26594 16843 10781 82597 91063 22744 41531 21433 64551 69133

13370 95495 85004 51627 76285 24439 32145 61171 00657 57639

80729 19292 35780 26552 31007 59346 12696 29917 85157 29745

90766 71049 70464 33995 77720 51487 25079 46556 06498 11433



36085 19445 29132 56214 49994 86009 43325 30701 86512 82322  
30083 27448 47922 56582 24741 11648 89977 43038 97318 47067  
55954 37818 52518 17615 12151 17683 37778 30989 40834 30263  
08385 46596 89440 97611 04605 84556 04805 78617 13596 29638  
10611

**15859/14659/13459 kHz, 02-04, 0910/0930/0950 UTC**  
02242 00001 00000 33256

**15819/14919/13919 kHz, 02-04, 1600/1620/1640 UTC**  
02940 00001 00000 35656

**15859/14659/13459 kHz, 04-04, 0910/0930/0950 UTC**  
08499 00001 00000 37671

**15881/14481/13381 kHz, 04-04, 1500/1520/1540 UTC**  
00397 00141 45381 87766 02973 72659 43332 98147 61077 04114  
12762 93598 59299 99169 60457 75034 53442 72165 78185 22444  
47845 58592 44451 43211 11771 93262 60334 54650 88415 23046  
70188 64426 93508 33816 90644 54077 08924 00617 23037 43280  
43832 14625 63045 86854 15745 55811 53513 18726 96181 84628  
38407 51670 25466 22361 17564 59689 69207 46133 77404 89777  
41379 16575 45096 11103 76290 23571 83930 67888 14975 29705  
05058 09783 80766 86854 09845 51827 71500 18246 79692 62195  
22507 23783 55027 58171 89785 04811 36077 98487 97396 21584  
21868 18489 17522 12562 48591 55352 49116 58392 77429 71453  
25614 77919 02870 28948 74257 18250 73625 52788 61662 92567  
84227 99523 99460 96670 41751 23080 66949 24414 19290 09440  
48907 28464 93643 32048 23743 10471 48758 96426 06214 68087  
24993 99951 11723 61771 43634 84973 96306 55488 17541 21062  
33015 69259 78682 70172

**11409/12209/13409 kHz, 06-04/08-04/13-04/15-04, 0700/0720/0740 UTC**  
00277 00111 87876 00149 53358 98660 07486 08102 44922 23681  
92679 54009 31415 17274 59550 89603 65677 84503 23989 07389  
68479 64493 34991 28779 05115 36007 23797 26451 99045 86699  
50676 52190 43872 29114 99758 66828 55570 65056 76731 52144  
00466 65259 57575 88392 64939 04460 74181 51753 88290 93495  
36902 94892 56468 57428 64793 88861 31344 27795 39649 83273  
63336 34439 62567 58514 73105 52412 26410 96866 32080 79205  
50344 48218 95515 70124 26777 11600 04808 79880 82619 56714  
10452 82826 08364 63604 02012 02113 27114 70606 38083 35978  
92494 72180 39021 56254 27508 09152 84347 65090 12560 00118  
20481 65922 51854 99779 91602 49729 79341 88856 00556 04066  
95062 50132 22540 44011

**18038/17474/16286 kHz, 06-04/08-04/13-04/15-04, 0910/0930/0950 UTC**  
08845 00077 36720 77503 57777 51198 79942 16843 09247 85240  
14696 02826 75124 07245 42112 45523 41490 07518 25758 92520  
63116 56481 70927 73313 93142 20317 33427 99781 43147 58438  
18522 92333 29327 53734 93246 59830 22191 81417 01519 35134  
55696 70416 42077 64921 36252 56441 68616 76843 99848 98495  
90164 55739 40763 93390 24428 03765 12460 50401 19659 46051  
80661 76084 64837 71557 11328 14951 27246 02143 97519 58673  
03029 36242 18154 09896 59407 97354 22937 60725 50092 22550

**15881/14481/13381 kHz, 06-04, 1500/1520/1540 UTC**  
06540 00001 00000 33662

**14442/15842/16342 kHz, 07-04/12-04/19-04, 1200/1220/1240 UTC**

00566 00218 30747 30708 56808 98053 08683 05477 21593 02573  
03155 26179 42803 76390 66631 66678 75839 88536 93783 15275  
89329 07710 21065 08770 23963 01019 15269 45450 62744 98261  
27888 71129 12339 23598 96559 98308 88403 85186 39294 03722  
88569 16282 41389 70861 72840 34064 26507 83613 68193 76904  
23542 18685 02184 39796 63960 38187 14964 10538 44329 10922  
76718 65312 09110 82810 17366 15335 41323 92160 20373 26200  
00790 33351 21515 99986 08605 27897 77759 62735 01088 81080  
43798 92376 38164 77385 29491 79929 86686 93744 67258 69843  
04579 33539 72328 41346 89744 43224 19073 37308 61746 65352  
80601 12064 62651 55028 78310 76259 88354 75286 09452 89430  
55078 60877 50595 64149 93952 85871 78361 67211 58731 41986  
75347 80708 17086 41676 73117 66758 79036 11389 67749 85756  
64643 69611 28142 01608 48876 88476 50238 30763 79654 54859  
96678 06905 97309 21988 60553 34486 64555 76558 42019 90419  
38162 46610 09854 56557 38791 75104 74729 47676 11611 51144  
30696 55556 96961 23207 82890 29553 97958 32488 16576 45253  
45065 48389 38249 34723 98338 78688 46019 84318 27878 32123  
70796 55470 32986 83495 87127 13729 94564 68747 24423 64834  
56466 57596 17530 35889 94838 29091 03553 73475 15158 31435  
41059 99659 77017 62291 39084 12305 53090 85327 19038 22649  
28583 97640 62734 45080 65258 89588 53325 14577 80454 51882  
07322

**15819/14919/13919 kHz, 07-04/09-04, 1600/1620/1640 UTC**

00582 00098 71205 24737 49400 55930 23388 88150 76446 18977  
10396 72196 22320 09635 77216 36402 14810 77698 83286 89505  
99693 21994 06697 28588 35263 65228 07748 90843 48877 01454  
14972 11078 45762 35649 50712 86942 50635 32373 69590 66272  
44895 53516 06112 43403 34708 15716 06779 16521 02349 38601  
51156 58278 58057 36824 65386 33026 37963 35789 06413 51366  
81228 83242 67171 26304 86823 47500 18919 57742 67710 48166  
66422 24571 25849 87364 50939 41794 59811 74212 49865 17252  
98853 59762 18172 64982 98656 36038 03407 00395 96255 30849  
37488 43520 31918 32456 92662 14111 30760 30197 34377 77115  
04541

**14377/14977/15977 kHz, 08-07/10-04, 1200/1220/1240 UTC**

03457 00196 41938 37716 50746 76611 93467 29441 41291 11580  
74065 94501 19412 92594 67447 77074 61223 44775 88941 78817  
55673 50409 00483 62845 53488 00392 51444 58165 80642 46950  
24888 00183 09044 94515 55682 00822 22466 33369 50605 06040  
93406 65826 99501 34426 19774 81853 66825 65389 80667 55681  
64489 36130 08837 22200 91146 77002 36688 20851 07888 84207  
83601 90530 93041 59229 14281 04629 00515 08041 02581 28623  
66529 88390 73053 95932 57180 12747 62317 33994 05314 75851  
33002 33555 22320 42214 85622 41527 94267 04037 13879 83459  
47697 45759 75288 26563 60888 06888 35133 22889 20053 78877  
41562 78167 31370 02845 50074 54961 21683 93334 30849 06079  
67481 40956 56112 48809 06479 64413 20460 65959 48902 12560  
22730 86780 99372 33232 50257 96590 35833 46200 39533 42176  
88451 14855 42842 25445 52786 82936 44252 77012 72004 75692  
80290 96688 15650 75341 31829 53463 13809 02651 60192 27513  
93082 82773 07305 44015 04591 87327 11446 47940 54779 33803  
07022 09774 37924 90108 83372 75660 26350 42048 20890 60683  
76315 47548 40588 02737 77009 88549 39406 59805 45092 57358  
76457 36131 96036 39528 48114 54668 14218 23849 45518 78586  
19921 61599 10376 13578 75836 61305 82379 77038 13351

**15859/14659/13459 kHz, 09-04, 0910/0930/0950 UTC**

05681 00000 00000 34665

**15859/14659/13459 kHz, 11-04, 0910/0930/0950 UTC**

08497 00001 00000 36671

**15881/14481/13381 kHz, 11-04, 1500/1520/1540 UTC**

04629 00001 00000 40656

**15881/14481/13381 kHz, 13-04/18-04, 1500/1520/1540 UTC**

00191 00273 80474 65623 72949 44924 64428 62236 32030 56113  
05744 88312 20319 33501 10013 07952 24831 67887 81536 46665  
72463 99037 41561 52031 26948 62346 82966 69843 03476 00161  
38017 33240 78366 43811 90707 53035 23133 25865 96543 13851  
16722 17358 94875 30077 36742 28337 95985 66966 30532 91102  
69645 72097 73589 26488 92497 31100 85668 06526 69194 35752  
51513 18816 40182 06847 27378 28583 05160 63573 24054 59159  
52262 44687 55918 14905 57522 72514 82020 65941 68100 54828  
84434 31794 59084 14071 50062 68524 84981 34808 81272 66646  
36487 40431 68981 50778 88313 89497 59145 43533 70803 90504  
77813 05981 83033 28764 56047 50501 56404 62051 63284 15448  
51985 50679 98094 40988 88951 97855 27006 58436 77276 00276  
55282 12501 54742 00880 67608 94133 36337 08841 20290 45350  
03235 15857 94146 83843 42112 56978 55375 77249 01162 51381  
44957 03103 66064 48570 72210 82114 82434 48378 31889 85452  
05404 95967 92845 18171 37498 57250 82434 12240 74906 77175  
83582 75899 08303 77403 28024 09510 33349 15644 15061 12943  
02059 36960 33557 21883 80455 39890 10306 03707 52062 92868  
37943 21653 06026 14557 55463 90528 66781 41774 53004 95178  
47918 44701 81366 37988 06743 26012 38550 63940 46565 81297  
31668 95971 35060 42831 71493 41023 94139 62516 25670 97161  
03575 07953 22701 96964 64922 31565 45140 87798 84599 80100  
53688 55923 34061 14178 30798 19956 69000 62121 58065 33769  
12579 27690 29958 89276 81133 40943 99935 09527 21648 40238  
49758 30950 64842 88993 54454 37184 60862 90553 24081 73299  
45459 21269 78759 45919 54538 49782 17228 70079 40109 64022  
52639 61140 48881 61548 09646 76317 62898 91607 47502 08713  
91850 12039 48583 71821 18769 65533

**14442/15842/16342 kHz, 14-04, 1200/1220/1240 UTC**

00452 00218 00611 82870 16306 65181 12005 64116 23721 54777  
85219 33438 06761 55807 07139 76439 84261 64936 07241 12406  
79021 32108 67312 93342 07785 35241 94568 27412 01178 51369  
57836 86123 67481 75088 25876 96561 90028 78662 36273 91410  
53838 03578 89096 66862 39386 72208 43691 58271 35202 84813  
28995 59159 87753 85982 49624 00098 05011 66186 16246 19314  
63980 85059 17045 00531 76462 62164 33906 16571 04811 22200  
56910 18351 87465 36122 76668 98025 01731 18957 36160 68958  
78794 46196 71086 75579 26256 39842 97971 84875 88968 56479  
02247 42831 17741 64162 50007 55631 53322 97449 30281 35889  
12328 33449 29887 26360 25216 32256 98936 27624 29545 58189  
03824 45402 35231 32058 57751 18918 95870 32101 97979 33789  
36484 44443 36408 62729 10792 92637 83560 25080 69185 54354  
29829 08257 53521 33488 57048 20809 00967 42292 99003 16856  
05602 20371 40436 80928 66917 00700 08675 91516 96433 96349  
25972 93080 82197 89311 63741 20162 37157 11029 55040 25468  
13391 26982 17178 24689 54631 22992 29065 13435 61173 43964  
67658 85341 89871 86579 07270 07785 51370 55772 42844 22630  
92956 37360 44584 88980 58881 89319 96076 41904 17128 01554  
32940 87788 07826 18246 60432 59407 42080 02551 94390 98113  
83976 46186 67334 02203 60296 91319 23642 62597 60684 85772  
36263 85161 42026 37031 85092 77265 14754 11204 72299 63424  
50563

**15819/14919/13919 kHz, 14-04, 1600/1620/1640 UTC**

08024 00001 00000 33262

**14377/14977/15977 kHz, 15-04/17-04, 1200/1220/1240 UTC**

03970 00202 04772 45631 35913 38423 80474 64274 77651 20658  
72735 59766 10312 86148 82449 13357 55338 97067 05818 37277  
37276 11834 97789 95594 49268 44688 53980 25483 05002 69492  
00964 32603 33141 08590 48223 44055 23357 25429 46422 73098  
44386 42157 88821 54115 79060 52959 90107 41164 39497 65072  
31216 44427 89733 73316 09388 20027 16120 07439 06827 82789  
88495 18555 80182 38273 48324 87391 52709 91559 62518 09649  
02201 22413 81396 90948 66277 32664 57862 52861 00011 16790  
78673 89493 57249 27594 61932 02913 66930 39777 20213 67950  
62093 48117 52018 23715 42927 57263 70872 65494 52962 68499  
50385 06670 20843 62101 55441 67380 95811 69654 12462 69767  
47752 25878 02427 80351 76071 87747 48659 46338 10535 88505  
73967 13361 81262 46732 76378 72198 01483 72139 04381 61894  
10652 95355 10258 33541 20204 53806 07809 19102 99886 81722  
88051 79828 40451 59761 82617 75094 99882 88459 46560 61785  
98074 16258 95339 07544 33847 47531 61308 38506 53449 19704  
39115 83052 01577 42836 29770 58035 72289 45418 91638 86918  
57478 90297 59878 15768 67060 78356 58049 93810 55519 94002  
64813 97104 85114 55316 51203 71792 65497 82798 59803 23114  
86145 55282 41625 89562 25541 35045 65662 83537 33214 66024  
94556 76105 35908 02095 41755

**15859/14659/13459 kHz, 16-04/18-04, 0910/0930/0950 UTC**

00162 00058 59263 51222 15856 86420 92033 78367 95538 54576  
97006 96293 65913 61558 87398 86730 89503 15910 33665 92174  
27771 77724 49655 44721 32363 48317 71229 72918 74437 56153  
47803 79986 41908 61497 60294 51998 83092 72483 93708 41067  
83817 38298 99345 28264 27489 53031 46805 54402 35258 43964  
78370 43702 23380 04547 09568 19851 60759 63011 53791 56937  
05762

**15819/14919/13919 kHz, 16-04, 1600/1620/1640 UTC**

05621 00001 00000 34657

**11409/12209/13409 kHz, 20-04/22-04/27-04/29-04, 0700/0720/0740 UTC**

03775 00089 70730 55637 48595 51179 54127 02982 51375 17228  
31319 95242 95946 45849 48964 58898 25208 14248 05377 32930  
46417 38821 02501 95713 42352 78794 71572 35878 75430 13559  
55656 86313 22122 59089 26742 52266 37351 70988 55172 21203  
11705 98502 30048 36291 97333 14324 81405 03659 66942 40366  
41087 93811 78236 70275 99554 56305 68173 96136 08004 57018  
45076 29208 94435 07668 24751 91951 90491 26793 16089 40735  
04370 15374 48687 80083 06743 04533 72053 51549 96803 10246  
33620 20842 90488 20056 58911 54655 16001 41532 72602 56659  
51841 21253

**18038/17474/16286 kHz, 20-04, 0910/0930/0950 UTC**

09174 00001 00000 33670

**15881/14481/13381 kHz, 20-04, 1500/1520/1540 UTC**

07301 00001 00000 33257

**14442/15842/16342 kHz, 21-04/26-04, 1200/1220/1240 UTC**

00221 00222 81001 30382 46581 87678 41102 82130 50866 83682  
40459 36885 68524 98382 33717 35797 20164 17986 24037 78487  
20264 20634 68495 54507 72219 65218 41548 41068 71152 61402  
93154 79316 32261 55520 09697 61267 29296 53883 97849 88612  
97485 77140 28967 12234 03880 39957 71136 17953 32484 62825  
14909 25721 67377 24300 32626 42716 52929 00787 18440 45527  
79096 21650 91091 88409 43524 45714 25645 70274 52500 26775  
03171 92869 40762 77992 02539 69587 09745 96455 01370 87724  
82156 79034 17419 10555 62588 11860 99695 60258 90428 11463  
71284 32072 90590 41554 42026 16111 40599 85643 41924 42731  
00783 90883 42662 25588 02401 21112 15115 16469 98621 66726  
28461 97264 15212 95742 50980 34631 00866 72456 06053 37532  
61830 31538 37389 81695 50381 93327 39367 03349 06696 26568  
23442 83477 25932 09499 36027 23558 12714 39085 30492 25886  
94167 08211 24004 34818 75375 85374 41111 83026 42187 77818  
57838 40669 14854 62167 36392 16680 77622 08310 12688 81109  
54623 52730 03507 86158 14523 84028 03617 55392 84856 47802  
22519 16875 36153 94852 95010 94398 17106 09449 22006 23924  
71922 12962 20550 29210 87136 82266 63224 37914 26492 49720  
59245 32237 26069 11947 64164 36663 61923 08790 90005 29635  
98298 52262 65184 64687 56461 29019 99355 32895 34481 62809  
86454 16794 77545 14894 27814 78022 99228 56080 54359 52933  
20109 41798 92397 43206 72062

**15819/14919/13919 kHz, 21-04/23-04, 1600/1620/1640 UTC**

02880 00098 55662 83017 87904 94940 76183 16454 62110 14964  
38647 14414 05567 30966 91721 78318 96158 37535 18648 29103  
56409 78066 25934 26511 23587 37408 04096 50678 06177 50699  
60204 88031 26911 73967 20880 45945 62586 20192 26494 53476  
13935 01663 81369 10577 00706 64295 67948 23769 65671 65295  
09117 05784 02258 12854 19905 49761 04201 46428 21138 37833  
04391 87130 95711 92678 77262 76859 86126 40707 90519 47822  
14995 72671 41585 78724 04415 88352 15661 88197 54121 02629  
70937 77259 99248 04371 57725 91152 94896 59517 33179 43713  
98203 06216 67019 09133 22690 43295 79744 95669 35286 87842  
04214

**18038/17474/16286 kHz, 22-04, 0910/0930/0950 UTC**

07444 00001 00000 35263

**14377/14977/15977 kHz, 22-04/24-04, 1200/1220/1240 UTC**

00578 00208 82915 28322 61496 60213 86955 63529 31703 85892  
92748 32933 56890 35661 37015 92859 58463 34473 61515 48786  
11514 15628 55388 12682 75788 54992 74659 85035 10059 01380  
16017 07032 90003 57531 74172 68941 49788 77180 80754 59150  
32905 39327 57759 59547 46076 62802 83481 55928 96760 76974  
61140 35417 46096 49330 45331 67245 84537 24981 27302 19516  
56256 70872 76556 09930 26902 49761 73169 14727 61712 43922  
20125 96260 63541 17981 30639 49717 07179 43805 33306 24390  
84913 82113 38245 71917 99094 50900 22591 50617 06250 37436  
29455 08981 33365 01758 68961 73877 07274 71298 62972 23658  
08313 94687 44884 79730 10778 19831 09109 32742 07539 21951  
13932 51499 10283 42040 27592 70292 83433 54148 06717 62134  
09845 78346 41458 55387 10656 87203 98610 26804 71978 80735  
24240 68046 36188 12280 10388 54320 18759 00007 72320 68910  
73927 12741 10296 32409 48583 39324 44311 65026 32684 01470  
80752 26248 13379 83022 84973 33169 11952 28322 50377 41723  
97721 97192 53894 49169 72782 11832 82281 22288 54272 19285  
80741 74397 69376 79582 54056 76351 62528 06396 37489 84242  
32052 38178 54835 00855 12635 46626 47297 13818 37223 53380  
28387 86223 09972 65446 19106 98018 64973 46377 82774 81885  
52989 30487 08713 49223 27516 89534 68059 43506 56972 68301  
20757

**15859/14659/13459 kHz, 23-04/25-04, 0910/0930/0950 UTC**

00415 00066 31618 95474 38208 69463 99407 16936 46334 59282  
87350 87117 74888 70541 74599 67951 44413 80761 64844 06605  
26746 36659 02898 43027 14196 47360 94774 82463 75309 26063  
01833 41758 78583 05633 96871 94738 94291 65617 72560 07022  
08635 51333 73320 14684 68345 30444 64288 96193 70422 37975  
54538 06179 18576 78486 57665 88395 20955 27111 41702 52930  
44589 01140 48288 10861 60516 68546 85011 17913 31343

**15881/14481/13381 kHz, 25-04, 1500/1520/1540 UTC**

04992 00001 00000 36665

**18038/17474/16286 kHz, 27-04/29-04, 0910/0930/0950 UTC**

01112 00099 14884 48571 55419 91407 06593 86348 29900 56335  
54126 50376 01399 29935 90503 65563 54281 83003 80611 52446  
45271 69203 47721 25933 19756 61397 63776 17844 58657 09437  
89702 15489 18958 16084 67901 82073 58137 19761 06516 32532  
42551 92104 07744 84343 07357 54122 99542 20955 67617 10594  
93347 46276 18254 12380 50974 41720 90177 89130 13471 89417  
55973 30174 67468 46464 83175 32066 64675 59363 73821 42908  
54718 54969 00914 71714 32491 53329 59240 98881 75137 63380  
77983 20444 19105 41499 98464 01166 76143 28423 09193 09155  
31114 28039 81313 53711 14090 25328 13634 51842 41537 18875  
66174 71704

**15881/14481/13381 kHz, 27-04, 1500/1520/1540 UTC**

00490 00268 27876 98144 33064 31092 82032 39916 96648 82823  
64039 61292 93270 27101 71447 28160 04704 38711 67672 06981  
55207 38486 21809 86989 48928 58555 60479 09082 01523 61318  
76650 53193 94918 32134 11470 71598 74237 99373 37146 86784  
81839 09816 85795 43775 32192 55335 39434 66944 45787 25535  
53366 77512 47585 48902 43324 65743 78579 10928 00755 84352  
31545 29696 12014 65912 99290 80018 79451 76868 40338 13206  
70039 85663 56103 45173 39013 14450 20713 79988 90254 55382  
47848 68924 80841 36339 52786 11854 34427 90701 47936 82554  
18788 45724 52899 33522 88249 87340 90575 49954 04695 56687  
95098 72302 80102 22179 11361 02496 24372 30097 11843 64526  
18281 25280 11944 52224 23789 24122 74752 00581 67797 38689  
91494 76730 24594 00760 10491 44373 49650 64703 53859 24433  
25567 95495 95974 93694 20212 29864 11149 63907 43982 58361  
09439 71299 27586 34093 87926 31941 33047 03513 53825 87954  
59512 37109 89159 79499 24067 50215 15683 46103 14868 12670  
18420 23624 94656 42822 57622 47476 07355 66456 11438 38912  
74619 88264 35435 14222 67469 36176 68903 97197 86547 05495  
90522 51472 87950 19216 44526 23767 72912 29142 36400 65757  
59354 50987 82982 50985 79933 07839 29860 30285 99297 17724  
38094 65544 23702 02865 19366 95954 28922 09541 37292 69426  
41381 11921 35648 08946 26041 69763 55470 38683 55900 43712  
09250 17846 93905 30885 09342 88650 08589 78587 54991 79305  
40043 32028 05262 10648 49837 42700 45422 24068 88222 39020  
54162 00423 33086 02127 24058 64662 83156 61619 18406 15527  
01848 59053 49895 86797 90806 75609 92875 10189 60098 64950  
17250 93844 42396 50883 03741 62034 61414 41521 53177 94231  
16777

**14442/15842/16342 kHz, 28-04, 1200/1220/1240 UTC**

00279 00166 78864 19865 34086 56673 84595 72702 96515 27740  
 61937 73867 26872 36382 37220 58092 57521 72674 20463 16660  
 27077 07795 00930 54720 96423 79796 32306 02517 49949 63653  
 45206 83935 33274 51085 24763 56972 99235 66452 23994 85897  
 60726 21511 38120 78925 97946 96215 44390 24345 51243 26090  
 47785 67223 04699 18823 49236 56809 28914 65280 63980 23655  
 55690 01745 09011 29654 42861 21600 96051 21353 65183 88343  
 04368 11242 63454 97971 63892 31018 31469 96229 02361 39107  
 27765 57544 79459 49009 13623 08632 07974 21213 68227 00138  
 37905 58851 07047 92029 82521 23384 89585 78987 65397 94984  
 60794 65834 89378 40578 59335 99603 39403 46246 60715 63282  
 81205 15054 40485 62191 54329 15685 24578 53958 16386 47767  
 70572 95723 22284 25895 01050 30388 46793 08483 56745 20973  
 79809 55648 27455 52195 45911 42158 84919 82245 50917 16650  
 60366 30483 58005 63603 54510 92672 40039 71919 95680 40510  
 49498 95126 40832 49526 18527 37589 70068 04650 80036 59156  
 23468 70249 33545 26269 79419 94950 61413 72306 07604

**15819/14919/13919 kHz, 28-04, 1600/1620/1640 UTC**

7448 00001 00000 27664

**14377/14977/15977 kHz, 29-04, 1200/1220/1240 UTC**

07726 00120 43828 14399 52583 81090 36773 38226 66331 38029  
 17110 45956 27252 54883 19743 27836 16554 20396 94536 17360  
 98333 12914 50883 99897 35453 28833 54790 50405 42949 04958  
 80677 38361 88899 77508 53603 58118 32903 13532 89529 93661  
 79922 87615 83129 58359 65329 19572 83781 94687 29249 50002  
 91219 40417 26397 99687 99606 40384 58373 61126 63081 20311  
 21207 49603 67223 47489 41274 27471 80309 61532 01406 32628  
 27069 28049 64248 14440 16678 64262 57673 01206 92949 67662  
 37423 66591 43315 00756 60360 91020 24736 00123 52808 07638  
 57483 35858 24216 57928 95000 15554 31384 82988 38936 80084  
 86584 52847 23522 96390 99621 05819 03379 05231 21929 63355  
 71129 94240 63381 81593 35534 15703 18261 44265 84643 48609  
 28981 63615 53654

**15859/14659/13459 kHz, 30-04, 0910/0930/0950 UTC**

09461 00001 00000 33667

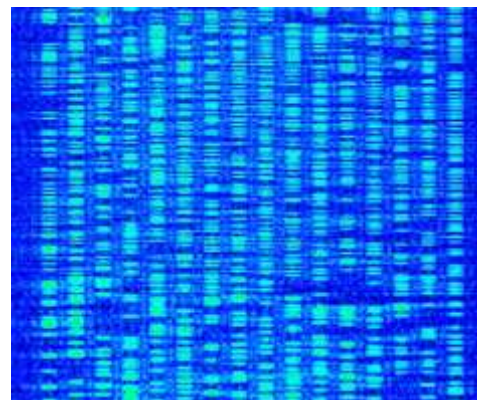
**15819/14919/13919 kHz, 30-04, 1600/1620/1640 UTC**

06278 00001 00000 36265

**XPB1**

13447 kHz, 05-04/07-04/12-04/14-04/19-04/21-04/26-04/28-04, 1900 UTC  
 12147 kHz, 05-04/07-04/12-04/14-04/19-04/21-04/26-04/28-04, 1910 UTC  
 11547 kHz, 05-04/07-04/12-04/14-04/19-04/21-04/26-04/28-04, 1920 UTC  
 10447 kHz, 05-04/07-04/12-04/14-04/19-04/21-04/26-04/28-04, 1930 UTC  
 9347 kHz, 05-04/07-04/12-04/14-04/19-04/21-04/26-04/28-04, 1940 UTC  
 8147 kHz, 05-04/07-04/12-04/14-04/19-04/21-04/26-04/28-04, 1950 UTC

17474 kHz, 06-04/11-04/13-04/18-04/20-04/25-04/27-04, 1200 UTC  
 16274 kHz, 06-04/11-04/13-04/18-04/20-04/25-04/27-04, 1210 UTC  
 15974 kHz, 06-04/11-04/13-04/18-04/20-04/25-04/27-04, 1220 UTC  
 14974 kHz, 06-04/11-04/13-04/18-04/20-04/25-04/27-04, 1230 UTC  
 14374 kHz, 06-04/11-04/13-04/18-04/20-04/25-04/27-04, 1240 UTC  
 13874 kHz, 06-04/11-04/13-04/18-04/20-04/25-04/27-04, 1250 UTC



## DIPLOMATIC STATIONS

### Egyptian diplomatic stations

**18667.7 kHz, 05-04, 1521 UTC, SITOR-A 100/170 + CODAN, i.p.**

888YFASH FAW X X PW 20 4 05 17 0  
J-G: WSGZKP-K  
KDS: KDJFKQOH  
====  
HTSKHGK DSWJ YFASH KDKAUKD OG KDSLJ CLKFSE // 02 20 4 05  
@@@  
KDX888-KMF KD---LKFM  
JZHFW OMM PWGF UKSD O-MM PWGF UKSD JGKLDH  
212 4- -- 1 2- -- -- --  
-- -- 312 2- -- -- --  
-----  
KQJKDS 6- -- 1- 2- 888 -- --  
=====  
@KQJKDS KDYFASKH KDX-KMFH) 7 ( P----YOR  
@KQJKDS KDYFASKH KD-LKFMH) 2 ( KNG---SG  
=====  
@ YSKGKH KDYFASKH KDXKMFH KDS 212:-  
-----  
- OMM 1 YFASH JQJLOKH 521 HS 44 HBX 212  
- OMM 1 YFASR JQJLOKH 01 FAJ KD--FLD 64 HBX 212  
- OMM 1 UKSD FAJ 0271 SBX 212/1  
- OMM 1 YFASH JQJLOKH 252 HS 54 ) JDVCR OG CFSA KDJWHY (  
- OMM 1 YFASH JQJLOKH 152 HS 64 QKGYS ) 22 (HBX 312  
  
@ YSKGKH KDYFASKH KDLKFMH JG 212 :-  
-----  
- H 681 HS 151 HBX 212  
- OMM 1 YFASH JQJLOKH 532 HS 251 HBX 312  
-----#)1.(9@(\$ @#?\$7#\$. '&(  
#5'(#&(- KGHRH .  
NNN

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**14966 kHz, 21-04, 1343 UTC, CODAN chirp**

99904: MFS Cairo msg to 44406: Egyptian embassy New Delhi

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**16334.7 kHz, 23-04, 1400 UTC, SITOR-A 100/170**

MFA Cairo clg RCVB: Egyptian embassy, Washington

**16333 kHz, 23-04, 1403 UTC, CODAN chirp**

99901: MFA Cairo clg 66601: Egyptian embassy Washington

**16334.7 kHz, 23-04, 1406 UTC, SITOR-A 100/170**

71: Egyptian Military Intelligence, Cairo with two messages for RCVB: Egyptian embassy, Washington



FROM : 71  
TO : WASHINGTON  
TIME & DATE: 13:11, THURSDAY, APRIL 23, 2020  
NUMBER OF GROUPS: 966  
URGENT  
=====

002A5 0031F 0072A 8C37E 1D25B 6B9A5 1E34D 220EB ZG8WE 479D4  
F8010 10072 319BA ACE5F 495B8 00144 528B9 1B88D 73D2D 3DCBA  
FDEB6 0EBA6 4FE7C DC74E 24DB3 4C600 68FCB E3555 19BBC DBEC3  
1D3F0 4A034 37FA2 EE6A9 0F05F 37E18 9F543 BD116 0112E F765B  
7F2D5 30B3B 781B5 DD230 F924C 522E6 01FC0 2868D DF2F8 D1AA7  
4B812 D2611 BA3A7 A8390 AA0CF 3FF20 3AA0B 2CD85 5D783 90EE5  
2DB52 B0FAD DC1E6 1612E 40E0C 17AE3 6FD78 F095E CC6EB B30D0  
4AD1F 3CDB6 172E5 26C12 C6B23 D765D E1513 145FE FAF54 1ED5E  
57E01 2140A E0636 35801 256EF 66578 CEA53 8F00A EAD5E 2978E  
1FBA3 29043 A20FE BAD54 32D18 42525 A8BCD C62E0 29D50 69DEA  
500AE 5FFF8 7657E D78CB 481D1 C2EC4 3AA07 721D4 58912 EDA88  
6E5EB 8762D FEFB0 E7FA1 A2353 06843 0DC0E 48051 28D05 220AC  
025A2 8AB07 74F19 6004C 90587 6D6FF BF171 8C68D 2CB28 C807C  
92E7F C2C4F EB888 4D182 1BB49 A9EB1 3C3A3 D8776 E3A7C DC4A2  
C74E2 EC021 E68E5 82FA5 7DA1F D8AAA BD0A4 C649A FAFCA B9B9F  
9D50E 33FFF 0C491 6E67F 6F26B 96A0C 39F24 E9861 DA1BA A356F  
E399B F05A7 E12E5 D4BD0 479A8 3D00C 58E6B 37A4C 9346A 8863A  
2A9C3 163B7 CCAAC 3DEE9 17ED4 B7D10 5EC03 9FEAB E9AEA MQF8P  
PUBAC 9E1FE 4AD7E C4CD8 3FDE5 4D8DD 0D666 33A9A 36B6D 6F59F  
B1E10 4E129 7D286 24256 51F3D FB255 0A710 039A1 7F7C9 94ECC  
5A310 C5B29 E2B08 687FB 02D1A A7588 CE9EB B0631 3929I YQUI5  
Y00A9 171D3 64D3E D0CCD 3ACMG E8621 B5D1C 5B7B4 9D912 D5DBC  
769D2 C2887 1593B 44619 B6D90 238F6 E726A 16D48 39283 8FEF2  
6BBE6 D53A8 1694D 83B5C 75028 67488 3E9FA 06AA9 0BC85 FC4BC  
DD837 C16F1 BE7E8 75727 08DB1 8F750 54EE2 716A8 B31E5 61929  
0A883 647AF EBC0F 044A8 42D15 2BE52 CEDFE D8FB7 DF9DB 5C0B4  
E05BF 1E616 0C9DE A3EBB 2FB58 BE0DF 39BE3 3AC99 55203 5F14D  
548BA F4CA3 FCBA2 1C2B1 5C433 E3EA3 43380 C0DC3 F48CC DF83C  
BF0C3 482C8 03646 C47CE 52FA4 4A3A4 5C2B6 D8EA2 8DEDE 72163  
66682 2DC98 336C2 E31EC 8E953 6DA55 99CDC 0C594 7D1AB 6710E  
CA76E 03366 8B9FF 0430A 3C888 882D7 CE388 944FC 7CE7C 67813  
17AC9 CB586 084F6 6307F D2ED8 C3373 92A20 58C6B 124A1 17A29  
79D09 E4340 90273 21767 F301D 72800 861AD 4C02C 699AF 0B70C  
FA6B8 3B3C9 8A1AA D99F5 92A22 22BCC 607C8 2555B A61DF 38370  
A7612 DA6AB 7DE15 DD648 35B2C 5B610 DA8FE 684FF 7D02F 27B19  
BB71F EAC02 1AC77 C46ED D8621 759E9 A9DFE E4D95 8556E 35AB8  
FCA53 AE8BF 56875 3D2C8 60D86 39FBE 139F2 E9E09 26321 5C079  
48043 373BD E4F0D 37A9B 48D58 56462 5194D D5023 FD291 B0913  
DB2CA 2C276 5987E 0F855 08E5F E105B 5D3AB 26BEA 73FD2 93106  
FOA10 B8B6B 1499B 664C9 51953 79F28 CF423 D73C4 4A725 1A108  
DF7FE 82759 A1FFC E904F 92886 8F383 630E4 B7D29 C6A26 7B400  
E3277 74A22 F5392 A536A 1A1FD 537AD C20F5 259D0 0A385 6E474  
144AE 6FDAA EB946 16BE6 053C2 C0988 912C1 810E2 FA0CB 4B2E7  
8AE19 20627 625E3 4698F 5959A 7F169 B601D DC243 8EAE1 019D7  
6F84C 1921A 9B8AC 0D47C 440B4 B7B40 FBCEB 7E824 FEEDF 13F60  
4CB9D 56F60 81973 65989 76A64 950E3 67671 0836F A68C3 4D1C7  
4867B 9BFFE 8ADCA 88D25 57379 41821 2F6E3 E2D29 0C9F5 682E1  
06D2F C46E6 0FAB7 1166F ED42C 348C6 8574D 4CA83 38835 2B2E6  
A05B2 3AFD5 02BA8 9F54CD1D AC086 5FF17 5B8AC 7E744 4B96C  
1D1F7 21D7F 97563 14DE0 44EE2 9B7AF 268A7 18FB7 DEF76 C8274  
5EAF3 7AD70 1AA89 93D2E A0076 0EC8E FCC16 9AE9F A7B7E 3CE97  
73F32 D6063 9813B 141B9 6CABD 50E1E A4F73 66F2E 0CEAA A875A  
BEE49 DBE0B 2B8CC 9038A 3CB19 9F2C0 6A5D4 18 7C6F8 B5A71  
C482B 933F1 86181 6E3A4 DDC5D 2E8D0 D7795 7789C 9AFA6 0D4A2  
F9C50 A9349 2AC83 7A14E 65F01 A433EE86 C3927 AE7ED DFC4F  
1D4E3 73A9A C94E5 E8806 FA5C7 04F2C 75C7F 1E3DC E0B83 50319  
1AF57 CFC69 1AFB 4341A 55CD4 544E6 5224F FF190 0F4B6 0628F  
EE25A B5E92 AECD4 A9307 76882 ED846 D64A4 D27BA 12410 EA837  
D17EA 02098 6E9BF 21B15 D7E5D 3E07E 33E1A 29D08 E940D 77672  
5F684 85D9B 04E0B CD390 4A61C 7D4E9 83F9F 359D3 78DC2 03A14  
2A1E9 3576F BB639 1D1F6 F5B66 8E674 9026E 6A762 F9EC7 ONNY  
OWPW ECA77 0328E 7A32F485 D1F88 0B028 8F7FF 4C99F AA81C

60A6B FE0C3 F724F F6CF8C91 808D0 1BFAB DF37A 7703F 501BB  
76301 AD8BA 3D18D 0A7EB F424E 4653E 92D5D 1449D E16BF BCFF2  
8D781 6DF82 E1EDC EEEB7 0E9A4 F8050 91C2C 27F37 6FA8F 94635  
07F4A 7CD87 01B66 A1A95 63638 58478 76893 09543 E6E45 E93F4  
B62CA D8D01 93963 ECF10 1D3DE 56C1C F106B CE280 F086D 6B73C  
2E4B2 0C4F8 48483 6BEF1 E77A1 C3934 4185A 7C578 9B932 3520B  
FA6D5 278C0 5AF5A 70F72 BBD1A 3D2BC FBC47 8B0EB AE1F4 1D5DC  
F9DA1 3BAB4 4482B 9F58E 14922 2A5AA 8785E 82854 7A6A8 FB418  
538E2 B2C0F 7A9DF 1AB74 32836 17C20 95C8C 3EFF3 FC24C D97AF  
F4CDC B2274 50398 BB26D FAAC2 B6447 FCC03 DF41E 04DCC 4D048  
5312C 64882 8DFC0 E85-8F5DC E9EAA 54AC8 9D611 EBAA8 9E6CC  
BF2FC 224F784D1 A89C3 178EF EA497 88D02 2BB7B 5568C AC20F  
2AEA3 A9131 3AEB3 1F3E8 9F467 1F679 0F24F C6108 55C77 74821  
90279 168C5 6B089 859D8 921D4 7164B A3B09 11138 6FD15 81A09  
F75EE 07BD8 07FF0 8C833 2459B A32DD 82FBA A6486 45923 AAD50  
B16BC D634D 77913 737F9 C6200 9E759 458B7 24C2A D1CF1 0C386  
1E3CC 1EE3B 55720 9A9BF ACA65 D2534 543EE 9CE45 2E16DB  
D8FA8 7E612 42118 5E08B 82165 D8DD8 5A0E6 9D9F5 44ADD 1A6AB  
7E6CD A8921 B1901 9ADAB REVC60 B72F8 7BEF5  
8F6D5 44404 E28B6 29918 D4674 B85AA 93053 DCEB0 597 ?1E56  
DA90F8B6FD 2472C AF1A0 EDE75 F8507 7BB3A 7793E E1623  
B08A2 51BDC 1C1E7 260C DC74E FC7CE 04BAB 8992F 8AACD FA4D0  
450B1 F32A1 6AFCB E4C09 EEE07 BE161 46C57 66CC5 7E516 85CC0  
17C89 34C15 72216 19311 F0B3B C978C 04EF9 3C491 1C4F4 29539  
D2C4C 9F577 B14F4 2BBBF B7583 037A2 3CE5A D721E 3A066 F7618  
D3007 F95CD 804A9 15111 6FD15 F99E1 15125 3AD73 A63D2 34CAC  
12B8A 4F4E0 90792 17A42 2F83D 83B7D E036A A888F 16BCC E8A25  
35E15 BF795 6E36B D3072 B8FEA AC931 5D0B0 36728 BF819 61156  
DFDD2 089EB 0B1D4 871F4 E6097 22D92 61488 3D9D4 B23EA 8819D  
1CD16 39EDD DD6B2 22F6A 8DBCA 97082 C1E0E 19355 B1C90 F2577  
471D1 C73A9 C5F33 C1689 9C27F 2AC6F 9073A 70601 C034C 22AEA  
D87F4 58805 8232E 245FF 844AE F7A22 DDFAB 1663F 7EC04 69ECD  
0BB44 B23FD FA789 1F55E 0877A E8482 985DA 3F52D DB6C5 F6DE2  
82885 63BA0 87C20 BD530 834B2 92800FYF A767 6C348 BD0A3  
3AB64 151EC 69D34 BA9835

FROM : 71  
TO : WASHINGTON  
TIME & DATE: 13:13, THURSDAY, APRIL 23, 2020  
NUMBER OF GROUPS: 402  
URGENT  
=====

002A8 80B1F 00773 EFDC4 5153F 4FBF2 4F317 2FD6D 45A02 EE8D8  
6A010 100C(@  
RCVB RCVB  
FROM : 71  
TO : WASHINGTON  
TIME & DATE: 13:13, THURSDAY, APRIL 23, 2020  
NUMBER OF GROUPS: 402  
URGENT  
=====

002A8 80B1F 00773 EFDC4 5153F 4FBF2 4F317 2FD6D 45A02 EE8D8  
6A010 100C8 1400D 3D52A 24936 516BD 5BF0B CC682 D15F1 3126B788 F7OB  
WCCF2 1CFBB BCBCC 70B58 76630 4APCXC4 29F6F DZM WCE42 7B650 A1E9B

too much fading to copy

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10167 kHz, 28-04, 1014 UTC, SITOR-A 100/170	MFA Cairo clg TVVC: Egyptian embassy Baghdad
10167 kHz, 28-04, 1052 UTC, CODAN	99901: MFA Cairo
10155 kHz, 28-04, 1105 UTC, CODAN	99901: MFA Cairo
10176 kHz, 28-04, 1108 UTC, CODAN	99901: MFA Cairo

## UTILITY ROUND-UP

### Unid Arab station

We mentioned this net last month. It is still an unid Arab net, possibly an Egyptian navy. This net seems to have a fixed schedule at 0800 UTC. It is probably a duplex net as it sent QSL messages at ca 0820 UTC, while the other station was not heard on 10182.8 kHz. This month's reports come from AB and F5JBR. Transcripts by F5JBR.

The number groups should be read from left to right. So /2/4/0202 is /2/4/2020 (2 April 2020). QSL 6101/2/4/ / AR AR, is QSL 1016/2/4 / / AR AR (1016 hrs on 2 April). Some of the words in the messages are possibly city names: ALASKNDRI could be Alexandria. BWRSÄID could be Port Said.

#### 10182.8 kHz, 01-04, 0810 UTC, CW

CQ QTC BC / / / MROX / ALAHWAL / ALWÄN / ALIW / 1 / 4 / 0202 / AHMR II / MURWH / ALWQT / 008 / ALANZAR / MEÄDM  
ALVGU / 3101 / ALATJA GRBI / ALI / ChMALI / GBI / ALSRÄ / 3181 / DRJ / ALHRAR / 71 / ALRWE 4 / 5 / HAL / ALBHR / 3 / 4 / ///

TNAS KNDRI / ALWQT / 008 / ALANZAR / MNÄDM / ALVGU / 2101 / ALATJA / GRBI / ALI / ChMALI / GRBI / ALSÄÄ / 21 / 7 / MARJ  
/ ALHRAR / 71 / ALRWEI / 4 / 5 / HAL / ALBHR / 3 / 4 ////

BWRSÄID / ALWQT / 008 / ALANZA / MNDM / ALVGU / 1101 / ALATJA / JNWBI / GRBI / ALI / GRBI / ALSRÄ / 31 / 81 / DRJ / ALHAR  
/ 02 / ALRWEI / 1 / 3 / HAL / ALBHR / 3 / 4 ////

ALWQ / 08 / ALANZAR / MNÄDM / ALVGU / 2101 / ALATJA GRBIF / ALI / OMALI GRBI / ALSRÄ / 01 / 61 / DRJ;ALHRAR / 81 /  
ALRWEA / MLBHR / ALAH / / /

TALRWEI / 4 / 5 / HAL / ALBHR / 2 / 3 ////

ADBHR / ALAMR / ALWQT / 008 / ALANZAR / RIH3 / ALVG / 0101 / ALATJA / ChMALI / GBIU / ALI / ChMALI / ALSRÄ / 71 / 42 / DAJ  
/ ALHRAR / 22 / ALRWEI / 4 / 5 / HAL / ALBHR / 4 / 5 ////

BRNIS / ALWQT / 008 / ALANZAR / MNÄDM / ALVU / 9001 / ALATJA / JNBI / GRBI / ALI / GRBI / ASRÄ / 41 / 91 / DRJ / ALHAR / 2 /  
ALRWEI / 4 / 5 / HAL / ALBHR / 3 / 4 ////

ALMWQ / ALMChFR / GR 53 / WBW / NAV / JID / NAV / BFZ / RFV / RA / RGU / AORGU / AUH / RIO / NLJ / NAV / JID / NAV / TUD  
/ NNI / CAF / NYI / JDM / AKL / RMW / NOG / RMW / RDI / DIO / RLJ / RAV / JID / BIV / NAV / TUD / DIO / DKA / // QSL 001 / 1 / 4  
/ 0202 / AR AR AR

#### 10182.8 kHz, 02-04, 0824 UTC, CW

= = = MLOX / ALAHWAL / ALJWI / ÄN / ALIWM / 2 / 4 / 0202 / / /

MRSI / MURWH / ALWQT / 008 / ALANZAR / MNÄDM / ALVGU / 4101 / ALATJA / JNWBI / AI / JNWBI / ALSRÄ / 7 / 41 / DRJ /  
ALSRAR / 20 / ALRWEI / 1 / 3 / HAL / ALBHR / 2 / 3 / / /

ALASKNDRI / ALWQT / 008 / ALANZAR / MNÄDM / ALVGU / H 101 / ALATJA / JNWBI / GRBI / ALI / GRDEL / ALSRÄ / 8 EE 5 1 / DRJ  
/ ALHRAR / 81 / ALRWEI / / 3 / HAL / ADBHR / 2 / 3 / / /

BWRSÄID / ALWQT / 008 / ALANZAR / MNÄDM / ALVGU / H 101 / ALATJA / JNWBI / GRDBI / ALI / ChMALI / GRBI / ALSRÄ / 6 / 31  
/ DRJ / ALHAR / 02 / ALRWEI / 133 / HAL / ALBHR / 1 / 3 / / /

ALSWIES / ALWQT / 008 / ALANZAR / MNÄDM / ALVGU / 4101 / ALATJA / ChMALI / GRBI / ALI / ChMALI / ChRQI / ALSRÄ / 8 / 41  
... / ... (QRM LOCAL) ... / ... J / ALHRAR / 81 / ALRWEI 2 / 4 / 5 / HAL / ALBHR / 2 / 3 / / /

ALBHR / ALAHMR / ALWQT / 008 / ALANZAR / MNDM / ALVEGU / 2101 / ALATJA / ChMALI / GRBI / ALI / ChMALI / ALSRK / 61 /  
12 / DRJ / ALHRA / 12 / ALRWEI / 4 / 5 / HAL / ALBHR / 3 / 4 / / /

BRNIS / ALWQT / 008 / ALANZAR / MNÄDM / ALVGU / 9001 / ALATJA / ChMALI / GRI / ALI / ChMALI / ALSRÄ / 41 / 9 /  
 DRJCTAHRAR / 22 / ALRWEI / 4 / 5 / HAL / ALBHR / 3 / 4 / / /

// ALMWQF / ALMChFTR GR 53 / / /

KUK / NAV / JID / NAV / BQZ / RFV / RFA / RGU / AYO / RGY / AUH / RIO / NLJ / TAV / JID / NAV / UD / NNI / CAF / NYI / JDM /  
 AKL / RMW / NG / RMW / NDI / DIO / NLJ NAV / JID / BTU / NAV / TUD / DIO / DKA / / / / QSL 6101 / 2 / 4 / / AR AR

**10182.80 kHz, 03-04, 0800 UTC, CW**

= MLOX / ALAHWAL / ALJWI / ÄN ALIWM / 3 / 4 / 0202 / / /

= = MRSI / MURWH / ALWQT / 008 / ALANZAR / MNÄDM / ALVGU / 3101 / ALTTJA / JNWB / ChRQI / ALI / JNWB / ALSRÄ / 21 /  
 91 / DRJ / ALHRAAD / 91 / ALRWEI / 1 / 3 / HAL / ELBHRD / 3 / 4 / / /

= ALASKNDRI / ALWQT / 008 / ALANZAR / MNÄDM / ALVGU 4101 / ALATJA / JNWB / ChRQI / ALI / MALI / ChRQI / ALSRÄ / 01 /  
 61 / DRJ / ALHRAR / 81 / ALRWEI / 1 / 3 / HAL / ALBHR / 2 / 3 / / /

BWRSÄID / ALWQT / 008 / ALANZAR / MNÄDM / ALVGU / 5101 / ALATJA / JNWB / ChRQI / ALI / JNWB / ALSRÄ / 8 / 41 / DRJ 13  
 / HAL / ALBHR / 2 / 3 / / /

= ALSWIS / ALWQT / 008 / ALANZAR / MNÄDM / ALVGU / 4101 / ALATJA / ChMALI / CH / ALI / JNWB / ChRQI / ALSRÄ / 2 / 41 /  
 DRJ / ALHRAR / 91 / ALRWT / 1 / 3 / HAL / ALBHR / 2 / 3 / / /

ALBHR / ALAHMR / ALWQT / 008 / ALANZAR / MNÄDM / ALVGU 4101 / ALATJA / OML / GRBI / ALI / ChMALI / ALSRÄ / 31 / 91 /  
 DRJ / ALHNAR / 12 / ALRWEI / 4 / 5 / HAL / ALBHR / 3 / 4 / / /

BRNIS / ALWQT / 008 / ALANZAR / MNÄDM / ALVGU / 2101 / ALATJA / ChMALI / CRBI / ALI / ChMALI / ALSRA / 41 / 12 / DRJ /  
 ALHRAA / 30 / ALRWEI / 4 / 5 / HAL / ALBHR / 3 / 4 / / /

LMWQF / ALMChFR / GR 53 / WBW / NTV / JID / NAV / BFZ / RFV / RFA / RGU / AUO / RGG / AUH / RI / LJ / NAV / JID / NAV / TTD  
 / NNI / CAF / NUI / JDM / AKL / RMW / NOG / RMW / NDI / DIO / NLJ / NAU / JID / BTU / NAV / TUD / DIO / DXA / / / QSL / B  
 101/6 / 4 / AR AR

## ***Propaganda, Clandestines and jammers***

### **Russian-Ukrainian radio war**

7055 kHz, 02-04, 1603 UTC, LSB	Various stations on top of each other
7055 kHz, 03-04, 1431 UTC, LSB	Endless loop transmissions on top of each other
7055 kHz, 04-04, 0720 UTC, LSB	Endless loop transmission. Various stations on top of each other
7055 kHz, 05-04, 1438 UTC, LSB	Loop transmission mentioning Kalashnikov
7055 kHz, 07-04, 1444 UTC, LSB	Russian-Ukrainian radio war
7055 kHz, 14-04, 1726 UTC, LSB	Russian-Ukrainian radio war
7055 kHz, 20-04, 1444 UTC, LSB	Endless loop transmission. Bad modulation
7055 kHz, 22-04, 1403 UTC, LSB	Propaganda on top of a looped program.
7058 kHz, 29-04, 1732 UTC, LSB	Various stations on top of each other. Re-transmissions of nationalistic radio shows
7055 kHz, 30-04, 1944 UTC, LSB	Russian-Ukrainian radio war



11430 kHz, 05-04, 1448 UTC, AM  
 Radio Recep Erdogan. Turkish jammer, jamming Radio Dengé Welat

11530 kHz, 25-04, 0748 UTC, AM  
 Radio Dengé Welat jammed by the Turkish jammer

A couple of weeks ago, Nils Schiffhauer wrote an excellent article about the clandestine stations.

<https://dk8ok.org/2020/04/24/clandestine-under-false-flags/>

## US Joint Chief of Staff Emergency Action Messages and Foxtrot Messages

Frequencies: 4724, 8992, 11175, 15016 kHz.

Date	UTC	Callsign	Details
03-04	2132	Implicate	30 chr EAM 2MXUYO BVO74IL6LGGX7YYAPI3LN6QB
04-04	0117	Fearless	30 chr EAM 2MA22Z ZZA5PXB3QVZAQD6RAGOMVAD
04-04	2042	Fearless	30 chr EAM 2MR77K UIPFBYTS6CEOV6XAGD7URHN
04-04	2131	Fearless	30 chr EAM 2M3ER2 T4626RNY7Q6VBYEIVZCAYVKS
05-04	1735	Comedian	30 chr EAM 2M6ZSE RBBTQJXV5NVJ54CIVVT6PMR
06-04	0035	Resemble	30 chr EAM 2ML7EZ D534ZNIVAP7MLF7VVFVC6ZAJ
06-04	0216	Comedian	30 chr EAM 2MREDD 535W65XZSFGSQGT (stops, wrong callsign)
06-04	0220	Resemble	30 chr EAM 2MREDD 535W65XZSFGSQGT4VCE4ND
06-04	0233	Resemble	30 chr EAM 2M2GKN ZYOKGMAIFDLNLKMCIZOCA3TU
07-04	0913	Alderman	154 chr EAM 45ZXUT KXV6IKYOV7XN43UHQUAC4WA6PTQFHJZ64PGC2E2EEHBAHAGVTZRRVEEEEJ2SRZZE5FAZ4II44 GXGGGGIFZQ22B2NNI6XCJFOX5555LGEZRWWN7LEEKDIEDOKELLULVQXU6OO66U5555IZ6NFC NGK
07-04	0929	Alderman	154 chr EAM 45ZXUT KXV6IKYOV7XN43UHQUAC4WA6PTQFHJZ64PGC2E2EEHBAHAGVTZRRVEEEEJ2SRZZE5FAZ4II44 GXGGGGIFZQ22B2NNI6XCJFOX5555LGEZRWWN7LEEKDIEDOKELLULVQXU6OO66U5555IZ6NFC NGK
07-04	1002	Alderman	154 chr EAM 45ZXUT KXV6IKYOV7XN43UHQUAC4WA6PTQFHJZ64PGC2E2EEHBAHAGVTZRRVEEEEJ2SRZZE5FAZ4II44 GXGGGGIFZQ22B2NNI6XCJFOX5555LGEZRWWN7LEEKDIEDOKELLULVQXU6OO66U5555IZ6NFC NGK
07-04	1029	Alderman	154 chr EAM 45ZXUT KXV6IKYOV7XN43UHQUAC4WA6PTQFHJZ64PGC2E2EEHBAHAGVTZRRVEEEEJ2SRZZE5FAZ4II44 GXGGGGIFZQ22B2NNI6XCJFOX5555LGEZRWWN7LEEKDIEDOKELLULVQXU6OO66U5555IZ6NFC NGK
07-04	1059	Alderman	154 chr EAM 45ZXUT KXV6IKYOV7XN43UHQUAC4WA6PTQFHJZ64PGC2E2EEHBAHAGVTZRRVEEEEJ2SRZZE5FAZ4II44 GXGGGGIFZQ22B2NNI6XCJFOX5555LGEZRWWN7LEEKDIEDOKELLULVQXU6OO66U5555IZ6NFC NGK
07-04	1818	Alderman	30 chr EAM 2MKU7Y LI3PVETPRYBWYWYOMP4SOLJT
10-04	1428	Regrowth	30 chr EAM 2MEGHA 3D77AOQZTGGU43S5BD6Y3VBQ
10-04	1623	Regrowth	30 chr EAM 4ALHPS XUPWLCMJEM4HI6SIJWISEJ4KQLPSYVFO24OOH22UYNL4OPU2
10-04	1636	Regrowth	30 chr EAM 4AWNA2 CRY6JCFWUYWJP664SVD5HXYWJ
10-04	1641	Regrowth	30 chr EAM 4AB3XE I6OV82IHEFWQQCLXUTMAN336
10-04	1701	Regrowth	30 chr EAM 4A6SMP 2W2JEJ6EEYPOOUJQE2EJQECKOK7TGC33VRTWOK7CG7LTT2OWOK7PG4ZSHKOG
10-04	1705	Regrowth	30 chr EAM 2MIS2Z PHN2AU6STYNHCKWJRHBOA46J
14-04	0955	Stability	168 chr EAM 45FHFU VQQVSSNWHMT4S66LEKGV4H7HCCCKWTU4UWTXXX5UUPYTY624WUEPIQFA6Z24PET2E2YB HMYVAGTFXOTVEEEEJPTPLZFVW3SITFWRUIDCOYZQ2H2SH2I6X6JFC65555LEUCJIZTYLSXKCK OV3YT6EQY5N22ZSIND
14-04	1805	Stability	54 chr EAM 4ATY7H R2KGG4UCHBCBOQGDJT4GDJLR6UGLIPNQQTNL6UQLIHDND7YB
15-04	1300	Bankrupt	30 chr EAM BHPYQO LLIJ7Z2E5UPPGNAZELEJQCGF
15-04	1302	Bankrupt	30 chr EAM BHEBTH PBHNIFX4FIHFGYVIPSDWCOSQ
15-04	1304	Bankrupt	30 chr EAM BH5XJE 2VYBS2DW767YYG6FSIJMW3N
15-04	1815	Bankrupt	30 chr EAM BH7VKS XGDWW3F5EIL3EXXTAD4NDPRU
15-04	2052	Bankrupt	220 chr EAM 45H6RN ODTQHYXPGRLYMKDLZDOECJ33TYLS2RCKOVJ3TNBATEA7OCIIKGKAILLLX322VW46LJNGKP2RP 5VAHCKKSIFXNKKZBD5DHIHSEEEEMO3SQGW2IIXUNPPLRWEEEEEOPCLUTIPUUIAXGGQXG3333R NRLBO4AA4LXPNNW3H4444L27V6CPTNJBNUBC4BWOKGTPTIYJTPTO3M2222QPW4ZPK2Y
18-04	2132	Conquest	30 chr EAM BH4WAF KJWCXYVZTXR7QPHRRPLXW2Q
18-04	2257	Conquest	30 chr EAM BHGZ6U KCJQ44ISV3JPFGLIYSHBIWT3
20-04	1747	Left Foot	30 chr EAM for Crude-16 4ASUHG 2LQMA7ELGTYNDR5MYIL2HKS

20-04	1816	Left Foot	30 chr EAM BHRLVB MPNUUKHUYN6XPR2MN4JFGENV
20-04	1951	Left Foot	30 chr EAM BHFKHC ZOKVDOAOQCZSYO56RVNV2RLF
20-04	1953	Left Foot	30 chr EAM BHU6WS 2MZEHCNMCX36BFVHICJX6YL
21-04	0150	Fire Camp	144 chr EAM 45NPOP TWMNBPVXWT5L4BT7PT6RTJ662NDTQSLSUKT4P6HJSQJ6AONNTVTGNFFFFVJJNTP4R7XNB3UB KUAC4WUUPIQFAHZUJH66Z3B3DUUWWU2XXXXOKE2EHMMMAATVVXZZOEEEEERTPTVTIH3
21-04	0230	Fire Camp	144 chr EAM 45NPOP TWMNBPVXWT5L4BT7PT6RTJ662NDTQSLSUKT4P6HJSQJ6AONNTVTGNFFFFVJJNTP4R7XNB3UB KUAC4WUUPIQFAHZUJH66Z3B3DUUWWU2XXXXOKE2EHMMMAATVVXZZOEEEEERTPTVTIH3
21-04	0306	Fire Camp	144 chr EAM 45NPOP TWMNBPVXWT5L4BT7PT6RTJ662NDTQSLSUKT4P6HJSQJ6AONNTVTGNFFFFVJJNTP4R7XNB3UB KUAC4WUUPIQFAHZUJH66Z3B3DUUWWU2XXXXOKE2EHMMMAATVVXZZOEEEEERTPTVTIH3
21-04	0332	Fire Camp	144 chr EAM 45NPOP TWMNBPVXWT5L4BT7PT6RTJ662NDTQSLSUKT4P6HJSQJ6AONNTVTGNFFFFVJJNTP4R7XNB3UB KUAC4WUUPIQFAHZUJH66Z3B3DUUWWU2XXXXOKE2EHMMMAATVVXZZOEEEEERTPTVTIH3
21-04	1744	Fire Camp	30 chr EAM BHFZ6X JMHQWRNDUWSDGVCK5SSZLITY
21-04	1749	Fire Camp	30 chr EAM BHFZ6X JMHQWRNDUWSDGVCK5SSZLITY
21-04	2010	Fire Camp	30 chr EAM 4AXKB U INN4JKC736ZFJKKIMMUKUD
21-04	2015	Fire Camp	30 chr EAM 4AYQRE JGQ6S2KZCC3W4HFVUU7REJCV
22-04	1816	Post Golf	30 chr EAM BHDL7P E2AYFDTD2QYFYQJHYRUDJCKO
22-04	2016	Post Golf	30 chr EAM BHWLG4 SFY3FZNY7PSSHGCCWGKQWCVM
23-04	1307	Milky Way	30 chr EAM for Asia Minor 4ALZKE EMHFCKL54BYI7RFOSFO3CZWZ
23-04	1323	Milky Way	30 chr EAM for Asia Minor 4AZCQ LORZTOCYRP2PVLUAJAKYTZDON
24-04	0233	Binocular	30 chr EAM BHLQFM IIN6ZLK7PKSSGRSTFLQD7BS2
25-04	0339	Bureaucrat	30 chr EAM BHJDHP L32CA44H7QGZOQ4EKPHPOUER
25-04	0339	Gilcrest	30 chr EAM BHJDHP L32CA44H7QGZOQ4EKPHPOUER
25-04	0600	Gilcrest	30 chr EAM 4A3SGJ D3ATBIPZM33CBWPLPPR6WKFK
25-04	0619	Gilcrest	36 chr EAM 4APNS6 YOFO4AKY4FEHPU6UYVJGOPOMTNKUD2
25-04	0632	Gilcrest	37 chr EAM 4AW6WR UTJWEYSW4GAW5WDHP3JJAPHW2QCVCZQ
25-04	1533	Gilcrest	30 chr EAM BHQIOF POU6RZSBPXJV5RIVSBSBP7ID
26-04	1732	Chowder	30 chr EAM BH2H6X VW42OCKTF2GOFHN6EDNRHLGX
27-04	1746	Deer Party	30 chr EAM for Den-58 4AY2JR MWW7LYZXENO4I6GR6A3BBZAX
27-04	1816	Deer Party	30 chr EAM BHH36Q H4ATTY5VEWQXY7TVLWDBGN2S
27-04	2040	Deer Party	30 chr EAM BHEQCE L7LODLRMSYGHKAPT2QBVJPW6
28-04	1826	Mover Van	30 chr EAM BHJXER YTHA3ISFXE4V5IMTITFTLIU2
29-04	1334	Backbone	54 chr EAM 45TMF7 PIPJ4ZAV3SWMAITFUTDKRZZEAT5Z4I4Y6RRGGQGIFKNLAY2V
29-04	1354	Rain Coat	54 chr EAM 45TMF7 PIPJ4ZAV3SWMAITFUTDKRZZEAT5Z4I4Y6RRGGQGIFKNLAY2V
29-04	1416	Rain Coat	30 chr EAM BHP4JM JA6VIRXPIOHOXLOMRTOWELU
29-04	1505	Rain Coat	47 chr EAM 4AQORS FL5IM36CEASTG7SXY7723ZLWNATXLNR3XFJOZ2NUW
29-04	1524	Rain Coat	30 chr EAM for Temper 4AA2BL QL4R4XLNLYYX6KFN4XTVBC45
29-04	1610	Rain Coat	54 chr EAM 4AJHIP 6HC6BGDFNVKS5KVP3Y6VPUDPFMUJ6KXLPF3FMPV6DZJN5QL
29-04	2016	Rain Coat	30 chr EAM BHKS3C WOZ7J4LU7DLFF4S7S3P7CSHQ
29-04	2054	Rain Coat	37 chr EAM 4AGRSZ PZ2P5GRAYZQHGV5PSWOLI5CFB5CJZH2
29-04	2105	Rain Coat	30 chr EAM BH4G7Y YOJWBDOFW67GSIFCH5TQSI6A
29-04	2112	Rain Coat	30 chr EAM 4AGNUK WPYFZP6G34SS5I4NH3YSQ4RC
29-04	2145	Rain Coat	66 chr EAM 4ALIIM DPQEQRK5XPL2LEIDTTEIDKZU4KERIRE4DDHU4KRR2PLIEXHU4PORQV4ZVHB
29-04	2323	Rain Coat	30 chr EAM BH5QNU HMKLKVVOYKSQAPLJG2KDIUY4
29-04	2326	Rain Coat	30 chr EAM BHST2P 337MOLSYZXMWDOEMO76SNRD5
29-04	2336	Rain Coat	30 chr EAM BH5QNU HMKLKVVOYKSQAPLJG2KDIUY4
29-04	2339	Rain Coat	30 chr EAM BH5QNU HMKLKVVOYKSQAPLJG2KDIUY4
29-04	2342	Rain Coat	30 chr EAM BHST2P 337MOLSYZXMWDOEMO76SNRD5
29-04	2346	Rain Coat	30 chr EAM BHOA7M FYCHBYIO4EFPNMMJJC6FLSI
30-04	0232	Latte	30 chr EAM BHH7WC GXC2AIPXHS35Z5IEN4IJN7D

## RUSSIAN MILITARY TRANSCRIPTS

Excerpts from messages submitted by AB, WP3

### Strategic messages

5911 kHz, 02-04, 0600 UTC	XXX 8S1Q NANOKRAN 4607 K
7815 kHz, 02-04, 0800 UTC	RBL88: XXX LR43 TENIÔESKAÂ PROWERKA 592 K
7815 kHz, 02-04, 0803 UTC	RBL88 wkg RBL90 RFN69 RFN77 RGR99: XXX LR43 TEHNIÔESKAÂ PROWERKA 592 K (RFN69, RFN77, RGR99 and RBL90 acknowledge receipt)
5911 kHz, 02-04, 0600 UTC	XXX 8S1Q NANOKRAN 4607 K
5378 kHz, 10-04, 0535 UTC	XXX VZFY 98976 BUDKA 0988 1167 K
5293 kHz, 10-04, 0748 UTC	XXX 1QRF 26143 SIGOBAR 7111 1813 K
5293 kHz, 10-04, 0750 UTC	REA4: XXX 1QRF 91825 TORSOLOR 7171 9989 K
3335 kHz, 10-04, 1602 UTC	XXX VZFY 54326 RADONYR 2223 0868 K
7815 kHz, 02-04, 0800 UTC	RBL88: XXX LR43 TENIÔESKAÂ PROWERKA 592 K
7815 kHz, 02-04, 0803 UTC	RBL88 wkg RBL90 RFN69 RFN77 RGR99 XXX LR43 TEHNIÔESKAÂ PROWERKA 592 K (RFN69, RFN77, RGR99 and RBL90 acknowledge receipt)
3797 kHz, 10-04, 0615 UTC	RCV: XXX ONG4 96590 OBUÔENIE 3701 4807 K
5838 kHz, 10-04, 0700 UTC	RMP: XXX RLO WETER 3 PO RAJONAM 67 68 73 K
5171 kHz, 10-04, 1554 UTC	RCV: XXX ONG4 63261 VGUTIK 1118 9809

### Russian military voice transmissions

RADv – Russian Air Defense

Air Defense tracking nets

5125 kHz, 03-04, 1413 UTC  
3304 kHz, 02-04, 0526 UTC  
4372 kHz, 02-04, 1425 UTC  
3304 kHz, 0204, 0526 UTC  
4372 kHz, 0204, 1425 UTC

### Russian military morse transmissions

M32 - Russian / CIS Military CW Stations

**13404 kHz, 20-04, 0744 UTC**

L1M4 L1M4 L1M4 + QTC + L1M4 L1M4 L1M4

467 25 20 1041 467 = 287 =

DDDDD RWPZR FQSGN GTUBA PHÖLÖ GTUBA PHÖLÖ GTUBA PHÖLÖ JBQNH

AGMGU PHOOG QRWRE QWNAG BFZCI SGDES AHUNP ZQVFV UWIEM UWBUA

MDBDÖ FFHKK NUOOD WPPWE K

**0842 UTC:**

DNIF DE MPVE K

DNIF DE MPVE K

MPVE

151 23 20 1140 151 = 108 =

49724 12484 68967 25452 81935 35281 91765 48249 11009 67492

20839 80460 33806 90290 46774 12672 72294 35054 88399 44884

10782 20021 K

MPVE

**0922 UTC:**

MPVE  
 PXCM K  
 PXCM K

**1120 UTC:**

L1M4 L1M4 L1M4 QTC + L1M4 L1M4 L1M4  
 356 25 20 1417 356 = 257 =  
 DDDDD EMVOH KOHWM WHBVD ZHLPC WHBVD ZHLPC WHBVD ZHLPC TWDBC  
 MNVDÖ GVWDN PWFÖU QSEME JSAWK RHMRD VOASA DRWLZ MRLUW WPTOG  
 ÖTIUW NLÖQT UICIN WPPWE K  
 RK RK RK

**1137 UTC:**

MPVE

**1216 UTC:**

PXCM  
 PXCM RPT K  
 PXCM QRV K  
 PXCM R 027 K  
 7BAM DE PXCM  
 PXCM ZNZ ZAA ZAQ ZAT ZAI ZBG QSU1 QYT4 ZYK ZYK K  
 PXCM RPT  
 PXCM R K

**1309 UTC:**

7BAM DE MPVE K  
 MPVE QTC K  
 MPVE 95 24 20 1605 895 EEEEE MPVE 895 24 20 1605 EEEE KS  
 NW MPVE 0895 24 20 1605 895 = 716 =  
 49230 11990 68474 24958 78303 34788 94409 54031 10515 66999  
 26621 83104 42727 99210 58832 18455 74938 34560 91044 47528 10288  
 66771 20022 K

**1342 UTC:**

596R DE MPVE K  
 596R DE MPVE K  
 596R DE MPVE K  
 MPVE QTC K  
 MPVE 961 24 20 1640 961= 716 =  
 PPPP AHJÖV ZÖKMC HBFNR CDGUG HBFNR CDGUG HBFNR CDGUG IHVRMP  
 QCNEE DOGÖL WBQRJ HMLJV DMMFO JUDMZ FZÖSM GUZPL OEQJA WTVBR  
 ÖTNVK ZLGKQ WPPWW K

**13404 kHz, 25-04, 0750-0845 UTC**

i.p. 45 132 = 886 =  
 54367 10851 54782 98714 42646 89716 39924 86994 34064 77996  
 25066 72135 16968 63137 10208 54139 10624 54505 98487 42419  
 86350 25021 K

ZW1G K  
 L1IF K  
 L1IF QRU K  
 L1IF R 151 K  
 ZW1G K  
 BK BK ZW1G RPT A A R IZQU K  
 ZW1G QLQ K  
 ZW1G RPT A A 20 K  
 ZW1G RPT A A 20 K  
 BK BK BK



ZW1G RPT K  
ZW1G R 633 K  
QEIW DE ZW1G K  
ZW1G QTC K  
ZW1G QSG2? K

ZW1G 892 22 25 1117 892 = 886 =  
PPPPP ALEÖB ÖJZFM ALEÖB KGFC ALEÖB KGFC ALEÖB KGFC  
DEQUE BCUIP VDÖQC MPZVA PCJVH SGELF VGDSL ANRAL FEWLA  
SPTPA PCMOU WTPWP =

245 22 25 1119 245 = 886 =  
35826 89171 39380 95863 46071 96279 52763 12385 62593 12801  
69284 22631 75976 26185 79530 45428 11326 67810 30570 99605  
25020 K

PPPPP ALEÖB ÖJZFM ALEÖB KGFC ALEÖB KGFC ALEÖB KGFC  
DEQUE BCUIP VDÖQC MPZVA PCJVH SGELF VGDSL ANRAL FEWLA  
SPTPA PCMOU WTPWP =

35826 89171 39380 95863 46071 96279 52763 12385 62593 12801  
69284 22631 75976 26185 79530 45428 11326 67810 30570 99605  
25020 K

OK K  
ZW1G K  
ZW1G QRV K  
ZW1G K  
367 K  
EPHP DE ZW1G K  
ZW1G QSG2? K

ZW1G 602 22 25 1130 602 = 886 =  
19555 80525 50022 34885 94453 18516 04901 39470 95354 73970  
88116 69525 77462 08496 49183 36021 08221 58302 90562 70605  
25020 =

391 22 25 1133 391 = 886 =  
PPPPP QGNOR ÖUQGT OEVGQ JMELG OEVGQ JMELG OEVGQ JMELG  
VIO SO BTDAO ÖERQM OGOSP HCCDT MMENE LEOOQ ESBWN ZIPRM  
NRJMD ZZTBQ WTPWP K

ZTN1 DE ZW1G K  
ZTN1 DE ZW1G K  
ZTN1 DE ZW1G K  
ZW1G QSG2? K

ZW1G 917 23 25 1144 917 = 886 =  
PPPPP UUBOZ ÖAJFL QEÖTO FOODZ QEÖTO FOODZ QEÖTO FOODZ OCCRE  
GÖJÖH ROGÖT MWPNO QLCIP HRSTS ÖJCQP VKQPQ BRQDW RJIMK TFOBÖ  
HLSHV WTPWÄ K

45T73 36856 68395 47141 93071 26682 20535 76599 26181 36438 06327  
47421 75203 23170 27668 85180 12081 78192 82116 12694 25020 K



**8345 kHz, 02-04, 0609 JUTC. RJS81 wkg RIW. QSX 9145 kHz**

QTC SML 832 16 2 0900 832 = SML FOR RJH45 RJE73 = 02061 99350 10210 41/98 73407 10167 40106 54000 70200 8//// 22283 00170 02012 = AR RJS81 K

Location <https://goo.gl/maps/5eMeWU2t7LdgS5Gn6>

**10332 kHz, 03-04, 0610 UTC. RJS81 wkg RIW. QSX 9145 kHz**

QTC SML 327 16 3 0900 327 = SML FOR RHH45 RJE73 = 03081 99360 10155 41/98 90512 10147 40052 56014 70200 8//// 22273 00170 03012 = AR RJS81 K

Location <https://goo.gl/maps/zzQiotNnu2AMkPdZ9>



**12464 kHz, 04-04, 0603 UTC. RJS81 wkg RIW. QSX 9145 kHz**

QTC SML 993 16 4 0900930 + SML FOR RJH45 RJE73 = 04061 99375 10110 41/98 5361110136 40106 52040 70200 8//// 22272 00170 04012 = AR RJS81 K

Location <https://goo.gl/maps/ytksbpUpNfAzUmse9>

8345 kHz, 02-04, 0609 UTC. RJS81 wkg RIW. QSX 9145 kHz  
QTC SML 832 16 2 0900 832 = SML FOR RJH45 RJE73 = 02061 99350 10210 41/98 73407 10167 40106 54000 70200 8//// 22283 00170 02012 = AR RJS81 K  
Location <https://goo.gl/maps/5eMeWU2t7LdgS5Gn6>

10332 kHz, 03-04, 0610 UTC. RJS81 wkg RIW. QSX 9145 kHz  
QTC SML 327 16 3 0900 327 = SML FOR RHH45 RJE73 = 03081 99360 10155 41/98 90512 10147 40052 56014 70200 8//// 22273 00170 03012 = AR RJS81 K  
Location <https://goo.gl/maps/zzQiotNnu2AMkPdZ9>

12464 kHz, 04-04, 0603 UTC. RJS81 wkg RIW. QSX 9145 kHz  
QTC SML 993 16 4 0900930 + SML FOR RJH45 RJE73 = 04061 99375 10110 41/98 5361110136 40106 52040 70200 8//// 22272 00170 04012 = AR RJS81 K  
Location <https://goo.gl/maps/ytksbpUpNfAzUmse9>

12464 kHz, 04-04, 0603 UTC. RJS81 wkg RIW. QSX 9145 kHz  
QTC SML 993 16 4 0900930 + SML FOR RJH45 RJE73 = 04061 99375 10110 41/98 5361110136 40106 52040 70200 8//// 22272 00170 04012 = AR RJS81 K  
Location <https://goo.gl/maps/ytksbpUpNfAzUmse9>



**4549.5 kHz, 10-04, 0600 UTC. RMX62 wkg RMP**

QTC SML FOR RJH45 RJD38 REG98 = 10001 99548 10197  
42/98 /2903 10054 40203 52001 8//// 22200 00051 20401  
10012 = AR RMX62 K

Location <https://goo.gl/maps/xk1z4eQNp5Y7NyS89>

**6286 kHz, 10-04, 1733 UTC. RJP32 wkg RJS. QSX 5478 UTC**

QTC SML 933 15 10 1745 933 = FM RJP32 FOR RJH45/48 =  
10181 99376 11315 43/98 73403 10100 41230 52000 70811  
8//// 22283 00180 = AR RJP32 K

Location <https://goo.gl/maps/RzJwbQ3YXssnzZMW9>

**6324 kHz, 11-04, 0618 UTC. RMFE wkg RMP**

QTC SML 16 11 0900 216 = FOR RJH45 RJD38 =  
11061 99576 10111 44598 61906 10052 40230 52005 70311  
86500 22200 00060 20201 11013 = AR RMFE K

Location <https://goo.gl/maps/GuX2hDsKTrpLPKuv9>

Picture below



**9345 kHz, 12-04, 0603 UTC. RJS81 wkg RIT**

QTC SML FOR RJH45 RJH74 =  
12061 99505 70010 41/97 20000 10110 40156 56030 70200 8//// 22212 00130 12012 = AR RJS81K

**8345 kHz, 12-04, 0614 UTC. RMFE wkg RMP**

QTC SML FOR RJH45 RJD38 =  
12061 99576 10111 44496 82409 10060 40070 57015 70362 88800 22200 00060 20302 12013 = AR RMFE K

## M32b - Russian Naval Air Transport

### 8816 kHz, 02-04, 0851 UTC

RJF94 RJC38 DE 52287 QQM XLAA 0851 SK

### 8816 kHz, 02-04, 10141 UTC

RJF94 DE 52287 QTO 1003 QRD XLMD XLAA QRE 1150 QBD 0450 K  
QTH 16644 13520 QTR 1104 QBG 5500 K  
QQM XLMD 1207 SK

### 8816 kHz, 02-04, 1325 UTC

RJF94 RJC38 DE 52287 QTO 1315 QRD XLAA XLMD QRE 1500 QBD 0520 K  
QTH 16617 13651 QTR 1415 QBG 5800 K  
QQM XLAA 1500 SK

### 8816 kHz, 02-04, 1630 UTC

RJF94 RJC38 DE 52287 QTO 1615 QRD XLMD XLAA QRE 1810 QBD 0450 K  
QTH 16651 13457 QTR 1716 QBG 5500 K  
QQM XLMD 1810 SK

## M32c - Russian Air Force

### Russian Air Force Tu-95MS Bear H net

8029 kHz, 14-04, 0900 UTC W-marker  
8029 kHz, 15-04, 0700 UTC W-marker

## Russian Navy T600 traffic

### 8130 kHz, 03-04, 1027 UTC, T-600

Sync 1414BEBE952

Session Key 58 70 68 26 2A 68 61 68 64 51  
4A 26 0E 25 58 61 07 68 54 26 32 4C 26 52 1A 68  
26 34 2A 52 52 1C 54 23 54 2C 70 43 31 19 46 0E  
19 64 61 0D 13 62 19 43 51 25 23 61 0D 38 4C 61  
32 <EOM><EOM><EOM>

### 8130 kHz, 03-04, 1028 UTC, T-600

Sync 1414BEBE952

Session Key 58 70 68 26 2A 68 61 68 64 51  
4A 26 0E 25 58 61 07 68 54 26 32 4C 26 52 1A  
68 26 34 2A 52 52 1C 54 23 54 2C 70 43 31 19 46  
0E 19 64 61 0D 13 62 19 43 51 25 23 61 0D 38 4C  
61 32  
<EOM><EOM><EOM>

### 8678 kHz, 03-04, 1447 UTC, T600

Sync 1EB41EB2952

Session Key 16 2C 19 2C 58 51 54 38 46 4A  
38 25 26 46 58 0B 0D 25 19 34 0D 1A 2A 07 23 46  
23 71 64 54 2C 07 0E 16 64 61 1C 16 58 07 46 1C  
0E 2C 68 0E 23 61 2C 52 1A 64 19 46 15 25 23 25  
32 46 32 64 58 0B 61 58 54 0D 07 70 26 0D 62 15  
4C 19 1A 16 26 43 13 15 70 19 16 61 43 23 4C 52  
1C 61 70 2C 0E 43 0B 54 07 1C 68 32 4A 23 32 64  
62 38 43 70 26 0D 07 2A 4A 0D 0B 32 2A 26 38 1A  
31 68 64 26 16 2A 52 1C 70 31 51 19 32 31 34 34  
16 62 62 0B 25 19 16 07 1C  
<EOM><EOM><EOM>

### 8678 kHz, 03-04, 1451 UTC, T600

Sync 1EB41EB2952

Session Key 64 2A 52 15 32 61 70 2C 54 2A  
54 4A 43 1A 64 13 23 0B 2A 16 68 2A 64 43 46  
2C 26 38 31 23 32 62 52 19 70 19 0E 0B 46 07 07  
38 1A 70 64 34 38 1C 61 51 16 58 70 34 58 25 54  
15 46 0D 0D 34 4A 2C 51 58 38 38 23 43 46 43 43  
46 16 2A 15 4C 2A 70 32 1C 1A 15 46 64 61 16 43  
31 70 25 23 62 68 1C 25 0E 58 26 25 0E 15 62 58  
1C 4C 38 32 0D 0D 64 46 15 07 4A 23 68 16 4A 0E  
38 2C 07 15 70 0E 2C 2C 19 32 0B 26 1A 23 64 62  
1C 0B 19 34 54 62 3B 07 46  
<EOM><EOM><EOM>

### 8678 kHz, 03-04, 1454 UTC, T600

Sync 1EB41EB2952

Session Key 34 16 1C 0D 0D 13 1A 0D 16 31  
70 16 70 13 25 13 61 34 23 52 54 25 1C 0D 25  
2C 68 1C 2A 68 70 58 34 68 1C 13 07 43 34 4C 43  
1C 51 32 0E 15 31 34 52 19 2C 34 4C 1A 1C 25 19  
61 16 54 1C 26 34 61 25 61 34 62 23 62 16 26 1A  
0B 31 52 68 13 4C 25 16 61 16 1A 54 19 13 46 38  
46 26 0B 4C 2A 4C 62 2A 43 2C 52 16 4C 13 54 0D  
68 16 26 1C 23 23 07 0E 2A 5C 1D 32 23 15 0B 16  
38 26 46 58 32 0E 61 64 51 70 46 68 46 15 34 1A  
1A 43 52 38 54 38 4A 34 43 15 32 26 13 61 61 70  
46 4C 61 16 70 64 68 23 13 25 4C 0B  
<EOM><EOM><EOM>

**8678 kHz, 03-04, 1455 UTC, T600**

Sync 1EB41EB2952

Session Key 51 52 23 68 70 32 23 2A 62 62  
54 0B 4A 61 61 25 25 52 4C 68 13 0D 25 34 62  
23 68 32 61 32 64 26 26 46 07 32 0D 62 25 2C 2A  
13 2C 0E 32 32 51 43 07 61 2A 52 19 16 68 32 43  
32 34 43 16 68 16 15 2A 4C 31 4A 38 62 1A 52 1A  
61 54 68 38 25 4E 1A 4A 4A 4C 26 70 62 34 2C 54  
0E 38 19 1A 34 64 64 19 0D 43 52 19 58 4A 0E 26  
2A 62 38 26 34 4C 16 68 23 2C 64 68 25 26 23 54  
2A 0E 62 19 52 0D 13 25 2A 25 13 52 25 0B 58 13  
54 25 0E 4A 4C 2C 0D 15 16 51  
<EOM><EOM><EOM>

**8678 kHz, 03-04, 1500 UTC, T600**

Sync 1EB41EB2952

Session Key 32 68 32 54 07 46 46 2C 1C 64  
0E 38 0B 1A 23 46 32 15 62 0E 62 38 43 34 43 68  
31 61 16 34 31 15 2C 15 54 2A 26 46 07 15 0B 32  
1A 07 34 68 16 32 07 52 52 52 31 2A 25 07 43 0B  
23 54 26 0E 07 58 52 2A 38 38 70 38 15 16 4A 2A  
4C 1A 2C 24 2A 2C 68 0D 16 0B 62 34 43 61 15 68  
43 1C 15 0B 38 32 13 51 4A 0B 43 1A 70 2C 64 19  
68 38 19 51 19 46 0E 54 62 68 62 51 0D 38 4C 4A  
1C 58 62 70 54 4C 2C 25 64 31 32 0E 34 23 07 23  
68 46 2C 38 15 19 1A 15 1A 1C 43 38 31 07 19 31  
58 61 46 62 16 4C 0D 64 54 07 15 13 0B 17 74 16  
51 58 64 19 1C 43 54 43 2A 07 4C 68  
<EOM><EOM><EOM>

**8678 kHz, 03-04, 1501 UTC, T600**

Sync 1EB41EB2952

Session Key 32 68 32 54 07 46 46 2C 1C 64  
0E 38 0B 1A 23 46 32 15 62 0E 62 38 43 34 43  
68 31 61 16 34 31 15 2C 15 54 2A 26 46 07 15 0B  
32 1A 07 34 68 16 32 07 52 52 52 31 2A 25 07 43  
0B 23 54 26 0E 07 58 52 2A 38 38 70 38 15 16 4A  
2A 4C 1A 2C 64 2A 2C 68 0D 16 0B 62 34 43 61 15  
68 43 1C 15 0B 38 32 13 51 4A 0B 43 1A 70 2C 64  
19 68 38 19 51 19 46 0E 54 62 68 62 51 0D 38 4C  
4A 1C 58 62 70 54 4C 2C 25 64 31 32 0E 34 23 07  
23 68 46 2C 38 15 19 1A 15 1A 1C 43 38 31 07 19  
31 58 61 46 62 16 4C 0D 64 54 07 15 13 0B 16 64  
16 51 58 64 19 1C 43 54 43 2A 07 4C 68  
<EOM><EOM><EOM>

**8678 kHz, 03-04, 1501 UTC, T600**

Sync 1EB41EB2952

Session Key 19 4A 51 07 54 23 13 32 2C 34  
4A 2C 2A 68 54 58 46 34 0B 2C 52 68 13 0B 34  
52 4A 2C 2C 32 68 1A 32 4C 52 0E 25 43 52 07 46  
43 16 38 26 15 46 13 13 70 31 46 0E 54 4A 23 62  
70 52 2C 0D 4A 1C 54 43 2C 62 23 4C 34 15 64 1C  
34 19 64 46 38 4C 43 1C 54 26 51 1C 61 70 25 16  
64 61 15 68 15 70 62 1C 1C 62 58 16 0E 70 43 1A  
43 32 07 68 07 54 19 13 4A 31 34 32 43 19 46 43  
19 70 68 16 38 62 16 0B 64 0B 1A 4C 64 46 26 1C  
16 2C 1C 0D 13 38 15  
<EOM><EOM><EOM>

**8678 kHz, 03-04, 1504 UTC, T600**

Sync 1EB41EB2952

SESSION KEY 0D 52 62 26 4A 68 62 0E 58 1C  
15 0B 31 23 70 32 1A 2A 64 38 46 46 16 31 26  
16 61 61 62 0E 07 46 16 07 15 62 0D 4A 2C 15 4C  
0D 26 32 19 1A 1C 68 51 34 68 32 58 16 13 16 38  
26 61 52 0D 19 64 38 32 68 2A 15 13 61 4A 52 32  
62 34 0E 19 61 2C 15 70 54 46 0D 54 15 23 07 54  
61 2C 1C 34 58 43 34 68 70 15 2C 16 54 43 15 15  
1A 4C 2A 25 15 34 4A 64 70 32 0E 23 4C 13 0E 43  
58 0E 4C 62 1A 2A 32 25 61 15 58 2C 23 1C 15 4C  
64 4A 13 2A 51 13 2A 25 0B 68 46 64 0B 70 0B 4C  
0B 46 16 0B 0D 4C 1A 62 15 68 4C 70 23 0E 25 0B  
61 1C 25 43 68 32 51 68 32 52 0D 16 13  
<EOM><EOM><EOM>

**8678 kHz, 03-04, 1505 UTC, T600**

Sync 1EB41EB2952

Session Key 0E 0D 26 43 32 46 25 07 4C 61  
0D 26 13 38 4A 54 4A 19 68 26 62 13 15 19 07  
16 26 19 31 16 2C 23 58 0D 51 54 68 61 23 68 25  
1A 0B 26 13 2A 07 38 68 07 70 15 64 54 61 15 61  
62 23 64 1A 61 1A 38 38 4A 34 0B 31 2C 1A 0E 26  
07 68 2C 31 34 68 38 32 1C 19 26 13 38 31 46 16  
13 64 68 70 2A 43 1C 16 1C 1C 68 07 70 54 68 64  
0E 61 23 1C 70 62 4A 4A 2A 4A 62 38 1A 07 13 0B  
26 2A 1A 0D 26 1A 15 61 52 51 58 23 0E 0E 62 2C  
61 70 58 58 46 52 43 52 2C 43  
<EOM><EOM><EOM>

**8678 kHz, 03-04, 1505 UTC, T600**

Sync 1EB41EB2952

Session Key 07 0B 46 2C 07 0E 0E 15 0B 62  
43 68 07 15 0D 4A 23 19 38 61 26 51 2C 34 38  
07 38 2C 13 32 16 68 19 64 58 58 61 52 58 0E 4C  
43 34 0D 26 52 32 0E 1A 25 4A 4A 35 34 25 1B 70  
16 19 34 23 66 2C 26 07 07 68 43 0E 25 34 62 0B  
61 62 2A 07 51 13 31 51 38 46 4A 1A 0E 62 38 64  
0D 15 52 43 52 07 31 15 0B 32 4A 07 2C 1C 0D 4C  
34 62 15 23 19 2C 19 2C 32 0D 1A 43 1C 13 23 4C  
16 52 07 70 1C 0E 61 51 43 46 25 4C 1C 2A 34 1A  
38 58 1A 4C 07 25 07 16 19  
<EOM><EOM><EOM>

**8678 kHz, 03-04, 1506 UTC, T600**

Sync 1EB41EB2952

Session KEY 19 4A 16 64 62 13 25 2A 1A 58  
15 2C 0F 7C 0E 32 70 38 32 46 58 61 51 0B 43  
46 54 34 62 32 1C 13 4C 26 13 51 54 46 32 50 2A  
64 1A 61 25 62 31 1A 07 68 58 32 0D 16 51 16 70  
4A 1C 32 51 0D 0B 32 4A 25 64 43 1A 26 1A 51 2A  
62 4C 38 16 25 0B 43 0D 54 25 16 70 32 23 1C 51  
61 43 0D 0D 13 64 2A 58 62 61 0B 2A 4A 51 62 31  
07 19 2C 52 54 13 1A 61 2A 38 14 52 46 61 70 2C  
1A 34 58 15 52 2A 13 43 2A 4A 2A 4C 43 1A 25 38  
13 25 4A 25 61 54 25  
<EOM><EOM><EOM>

## LOGS SECTION

Code	Freq	Date	UTC	Day	Details	Mode	Contributor
---	4182	27-4	1406	Mon	Dash channel marker	USB	(ChPa)
---	4310	27-4	1351	Mon	Goose channel marker	USB	(ChPa)
---	5292	27-4	1332	Mon	Channel marker D	USB	(ChPa)
---	7050	27-4	1720	Mon	Russian-Ukrainian radio war.	LSB	(AB)
---	7055	2-4	1603	Thu	Russian-Ukrainian radio war. Various stations on top of each other	LSB	(AB)
---	7055	3-4	1431	Fri	Russian-Ukrainian radio war. Endless loop transmissions on top of each other	LSB	(AB)
---	7055	4-4	0720	Sat	Russian-Ukrainian radio war. Endless loop transmission. Various stations on top of each other	LSB	(AB)
---	7055	5-4	1438	Sun	Russian-Ukrainian radio war	LSB	(AB)
---	7055	7-4	1444	Tue	Russian-Ukrainian radio war	LSB	(AB)
---	7055	14-4	1726	Tue	Russian-Ukrainian radio war	LSB	(AB)
---	7055	20-4	1444	Mon	Russian-Ukrainian radio war. Endless loop transmission. Bad modulation	LSB	(AB)
---	7055	22-4	1403	Wed	Russian-Ukrainian radio war. Propaganda on top of a looped program.	LSB	(AB)
---	7055	27-4	1720	Mon	Russian-Ukrainian radio war. Loop transmission and various stations on top of each other	LSB	(AB)
---	7055	30-4	1944	Thu	Russian-Ukrainian radio war	LSB	(AB)
---	7058	29-4	1732	Wed	Russian-Ukrainian radio war. Various stations on top of each other. Re-transmissions of nationalistic radio sho	LSB	(AB)
DPRK	11160	1-4	0703	Wed	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	11164	1-4	0703	Wed	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	11164	4-4	0643	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	11175	1-4	0703	Wed	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12203	8-4	0729	Wed	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12555	29-4	1231	Wed	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
E06	5186	16-4	2030	Thu	891 502 42 45671 65736 96930 ... 57693 48690 03856 502 42 00000 Windows XP shutdown sound	USB	(AB)
E06	13392	3-4	0400	Fri	361	USB	(HFD)
E06	14456	13-4	0310	Mon	537 ...	USB	(HFD-CHN)
E06	15641	3-4	0300	Fri	361 429 35 59761 ...	USB	(HFD-CHN)
E06	15645	2-4	0500	Thu	951 837 62 23114 68254 65277 ... 46010 47051 52696 837 62 00000	USB	(AB-RUS)
E06	15645	3-4	0500	Fri	951 837 62 23114 68254 65277 ... 46010 47051 52696 837 62 00000	USB	(AB-RUS)
E06	15645	16-4	0500	Thu	951 732 60 79876 29804 81698 ... 51888 03742 62788 732 60 00000	USB	(AB-RUS)
E06	15645	17-4	0500	Fri	951 732 60 79876 29804 81698 ... 51888 03742 62788 732 60 00000	USB	(AB-RUS/HFD)
E06	17470	2-4	0600	Thu	951 837 62 23114 68254 65277 ... 46010 47051 52696 837 62 00000	USB	(AB-RUS)
E06	17470	3-4	0600	Fri	951 837 62 23114 68254 65277 ... 46010 47051 52696 837 62 00000	USB	(AB-RUS)
E06	17470	16-4	0600	Thu	951 732 60 79876 29804 81698 ... 51888 03742 62788 732 60 00000	USB	(AB-RUS)
E06	17470	17-4	0600	Fri	951 732 60 79876 29804 81698 ... 51888 03742 62788 732 60 00000	USB	(AB-KWT/HFD)
E07	9261	12-4	0600	Sun	224 224 224 000	USB	(AB)

E07	9261	19-4	0600	Sun	224 224 224 000	USB	(AB/HFD)
E07	9261	26-4	0600	Sun	224 224 224 000	USB	(AB)
E07	10261	12-4	0620	Sun	224 224 224 000	USB	(AB)
E07	10261	19-4	0620	Sun	224 224 224 000	USB	(AB/HFD)
E07	10261	26-4	0620	Sun	224 224 224 000	USB	(AB)
E07	10717	1-4	1756	Wed	417 417 417 1 6990 204 6990 204 84359 59381 01916 ... 33509 81864 11507 000 000	USB	(AB/HFD)
E07	10717	8-4	1754	Wed	417 417 417 1 280 197 280 197 81475 76077 85143 ... 60814 28256 94740 000 000	USB	(AB)
E07	10717	12-4	1754	Sun	417 417 417 1 280 197 280 197 81475 76077 85143 ... 60814 28256 94740 000 000	USB	(AB)
E07	10717	15-4	1754	Wed	417 417 417 1 280 197 280 197 81475 76077 85143 ... 60814 28256 94740 000 000	USB	(AB)
E07	10717	19-4	1754	Sun	417 417 417 1 280 197 280 197 81475 76077 85143 ... 60814 28256 94740 000 000	USB	(AB/MPJ)
E07	10717	22-4	1740	Wed	417 417 417 1 9954 122 9954 122 52379 06343 36370 ... 49168 62573 22997 000 000	USB	(AB)
E07	10717	26-4	1740	Sun	417 417 417 1 9954 122 9954 122 52379 06343 36370 ... 49168 62573 22997 000 000	USB	(AB)
E07	10717	29-4	1740	Wed	417 417 417 1 9954 122 9954 122 52379 06343 36370 ... 49168 62573 22997 000 000	USB	(AB/MPJ)
E07	11576	4-4	1320	Sat	152 152 152 000	USB	(AB/HFD)
E07	11576	11-4	1320	Sat	152 152 152 000	USB	(AB/MPJ)
E07	11576	18-4	1320	Sat	152 152 152 000	USB	(AB/MPJ)
E07	11576	25-4	1320	Sat	152 152 152 000	USB	(AB)
E07	12117	1-4	1727	Wed	417 417 417 1 6990 204 6990 204 84359 59381 01916 ... 33509 81864 11507 000 000	USB	(AB/HFD)
E07	12117	5-4	1720	Sun	417 417 417 000	USB	(AB)
E07	12117	8-4	1727	Wed	417 417 417 1 280 197 280 197 81475 76077 85143 ... 60814 28256 94740 000 000	USB	(AB)
E07	12117	12-4	1727	Sun	417 417 417 1 280 197 280 197 81475 76077 85143 ... 60814 28256 94740 000 000	USB	(AB)
E07	12117	15-4	1727	Wed	417 417 417 1 280 197 280 197 81475 76077 85143 ... 60814 28256 94740 000 000	USB	(AB)
E07	12117	19-4	1727	Sun	417 417 417 1 280 197 280 197 81475 76077 85143 ... 60814 28256 94740 000 000	USB	(AB/MPJ)
E07	12117	22-4	1720	Wed	417 417 417 1 9954 122 9954 122 52379 06343 36370 ... 49168 62573 22997 000 000	USB	(AB)
E07	12117	26-4	1720	Sun	417 417 417 1 9954 122 9954 122 52379 06343 36370 ... 49168 62573 22997 000 000	USB	(AB)
E07	12117	29-4	1720	Wed	417 417 417 1 9954 122 9954 122 52379 06343 36370 ... 49168 62573 22997 000 000	USB	(AB/MPJ)
E07	12176	4-4	1300	Sat	152 152 152 000	USB	(AB/HFD)
E07	12176	11-4	1300	Sat	152 152 152 000	USB	(AB/MPJ)
E07	12176	18-4	1300	Sat	152 152 152 000	USB	(AB/MPJ)
E07	12176	25-4	1300	Sat	152 152 152 000	USB	(AB)
E07	12219	20-4	1940	Mon	842 842 842 1 472 105 472 105 06623 38670 99522 ... 19978 69040 02700 000 000	USB	(AB)
E07	12219	22-4	1940	Wed	842 842 842 1 472 105 472 105 06623 38670 99522 ... 19978 69040 02700 000 000	USB	(AB/RL)
E07	13417	1-4	1700	Wed	417 417 417 1 6990 204 6990 204 84359 59381 01916 ... 33509 81864 11507 000 000	USB	(AB/HFD)
E07	13417	5-4	1700	Sun	417 417 417 000	USB	(AB)
E07	13417	8-4	1700	Wed	417 417 417 1 280 197 280 197 81475 76077 85143 ... 60814 28256 94740 000 000	USB	(AB)
E07	13417	12-4	1700	Sun	417 417 417 1 280 197 280 197 81475 76077 85143 ... 60814 28256 94740 000 000	USB	(AB)
E07	13417	15-4	1700	Wed	417 417 417 1 280 197 280 197 81475 76077 85143 ... 60814 28256 94740 000 000	USB	(AB)
E07	13417	19-4	1700	Sun	417 417 417 1 280 197 280 197 81475 76077 85143 ... 60814 28256 94740 000 000	USB	(AB/MPJ)
E07	13417	22-4	1700	Wed	417 417 417 1 9954 122 9954 122 52379 06343 36370 ... 49168 62573 22997 000 000	USB	(AB)



<b>E07</b>	13417	26-4	1700	Sun	417 417 417 1 9954 122 9954 122 52379 06343 36370 ... 49168 62573 22997 000 000	USB	(AB)
<b>E07</b>	13417	29-4	1700	Wed	417 417 417 1 9954 122 9954 122 52379 06343 36370 ... 49168 62573 22997 000 000	USB	(AB/MPJ)
<b>E07</b>	14419	1-4	1920	Wed	842 842 842 000	USB	(AB/HFD)
<b>E07</b>	14419	6-4	1920	Mon	842 842 842 000	USB	(AB)
<b>E07</b>	14419	8-4	1920	Wed	842 842 842 000	USB	(AB)
<b>E07</b>	14419	13-4	1920	Mon	842 842 842 000	USB	(AB/MPJ)
<b>E07</b>	14419	15-4	1920	Wed	842 842 842 000	USB	(AB/MPJ)
<b>E07</b>	14419	20-4	1920	Mon	842 842 842 1 472 105 472 105 06623 38670 99522 ... 19978 69040 02700 000 000	USB	(AB)
<b>E07</b>	14419	22-4	1920	Wed	842 842 842 1 472 105 472 105 06623 38670 99522 ... 19978 69040 02700 000 000	USB	(AB)
<b>E07</b>	14419	27-4	1920	Mon	842 842 842 000	USB	(AB)
<b>E07</b>	14419	29-4	1920	Wed	842 842 842 000	USB	(AB/RL)
<b>E07</b>	14831	16-4	1450	Thu	893 893 893 1 364 64 364 64 61605 35647 12163 ... 43094 97382 70854 000 000	USB	(AB-QAT)
<b>E07</b>	14831	18-4	1450	Sat	893 893 893 1 364 64 364 64 61605 35647 12163 ... 43094 97382 70854 000 000	USB	(AB-QAT/MPJ)
<b>E07</b>	15819	1-4	1900	Wed	842 842 842 000	USB	(AB/HFD)
<b>E07</b>	15819	6-4	1900	Mon	842 842 842 000	USB	(AB)
<b>E07</b>	15819	8-4	1900	Wed	842 842 842 000	USB	(AB)
<b>E07</b>	15819	13-4	1900	Mon	842 842 842 000	USB	(AB/MPJ)
<b>E07</b>	15819	15-4	1900	Wed	842 842 842 000	USB	(AB/MPJ)
<b>E07</b>	15819	20-4	1900	Mon	842 842 842 1 472 105 472 105 06623 38670 99522 ... 19978 69040 02700 000 000	USB	(AB)
<b>E07</b>	15819	22-4	1900	Wed	842 842 842 1 472 105 472 105 06623 38670 99522 ... 19978 69040 02700 000 000	USB	(AB-RUS)
<b>E07</b>	15819	27-4	1900	Mon	842 842 842 000	USB	(AB)
<b>E07</b>	15819	29-4	1900	Wed	842 842 842 000	USB	(AB/RL)
<b>E07</b>	15831	2-4	1430	Thu	893 893 893 000	USB	(AB-QAT/MPJ/HFD)
<b>E07</b>	15831	4-4	1430	Sat	893 893 893 000	USB	(AB/MPJ)
<b>E07</b>	15831	9-4	1430	Thu	893 893 893 000	USB	(AB-KWT)
<b>E07</b>	15831	11-4	1430	Sat	893 893 893 000	USB	(AB-POL/MPJ-POL)
<b>E07</b>	15831	16-4	1430	Thu	893 893 893 1 364 64 364 64 61605 35647 12163 ... 43094 97382 70854 000 000	USB	(AB-QAT)
<b>E07</b>	15831	18-4	1430	Sat	893 893 893 1 364 64 364 64 61605 35647 12163 ... 43094 97382 70854 000 000	USB	(AB-QAT/MPJ)
<b>E07</b>	15831	23-4	1430	Thu	893 893 893 000	USB	(AB-QAT)
<b>E07</b>	15831	25-4	1430	Sat	893 893 893 000	USB	(AB/MPJ)
<b>E07</b>	15831	30-4	1430	Thu	893 893 893 000	USB	(AB-QAT/MPJ)
<b>E07</b>	16331	2-4	1410	Thu	893 893 893 000	USB	(AB-QAT/HFD)
<b>E07</b>	16331	4-4	1410	Sat	893 893 893 000	USB	(AB-RUS/MPJ)
<b>E07</b>	16331	9-4	1410	Thu	893 893 893 000	USB	(AB-KWT)
<b>E07</b>	16331	11-4	1410	Sat	893 893 893 000	USB	(AB-POL/MPJ-POL)
<b>E07</b>	16331	16-4	1410	Thu	893 893 893 1 364 64 364 64 61605 35647 12163 ... 43094 97382 70854 000 000	USB	(AB-RUS)
<b>E07</b>	16331	18-4	1410	Sat	893 893 893 1 364 64 364 64 61605 35647 12163 ... 43094 97382 70854 000 000	USB	(AB-KWT/MPJ)
<b>E07</b>	16331	23-4	1410	Thu	893 893 893 000	USB	(AB-RUS)



<b>E07</b>	16331	25-4	1410	Sat	893 893 893 000	USB	(AB/MPJ)
<b>E07</b>	16331	30-4	1410	Thu	893 893 893 000	USB	(AB-RUS/MPJ)
<b>E07</b>	17453	3-4	0700	Fri	446 446 446 1 124 58 124 58 53896 57859 10024 ... 29991 25922 55009 000 000	USB	(AB-KWT/HFD-RUS)
<b>E07</b>	17453	7-4	0700	Tue	446 446 446 000	USB	(AB-KWT)
<b>E07</b>	17453	10-4	0700	Fri	446 446 446 000	USB	(AB-KWT)
<b>E07</b>	17453	14-4	0700	Tue	446 446 446 1 161 206 161 206 94505 96142 28642 ... 66188 18146 86089 000 000	USB	(AB-KWT)
<b>E07</b>	17453	17-4	0700	Fri	446 446 446 1 161 206 161 206 94505 96142 28642 ... 66188 18146 86089 000 000	USB	(AB-KWT)
<b>E07</b>	17453	21-4	0700	Tue	446 446 446 000	USB	(AB-RUS)
<b>E07</b>	17453	24-4	0700	Fri	446 446 446 000	USB	(AB-RUS)
<b>E07</b>	17453	28-4	0700	Tue	446 446 446 1 587 118 587 118 10981 31281 73313 ... 07630 57934 96039 000 000	USB	(AB-KWT)
<b>E07</b>	17474	3-4	1140	Fri	504 504 504 1 9085 89 9085 89 24541 36464 26599 ... 72495 24389 96062 000 000	USB	(AB/HFD)
<b>E07</b>	17474	14-4	1140	Tue	504 504 504 1 9560 24 9560 24 12707 91209 07870 ... 86616 26876 57065 000 000	USB	(AB-QAT/MPJ-HNG)
<b>E07</b>	17474	17-4	1140	Fri	504 504 504 1 9560 24 9560 24 12707 91209 07870 ... 86616 26876 57065 000 000	USB	(AB-QAT)
<b>E07</b>	17474	21-4	1140	Tue	504 504 504 1 411 78 411 78 20631 25624 48143 ... 74100 89516 25459 000 000	USB	(AB-FIN)
<b>E07</b>	17474	24-4	1140	Fri	504 504 504 1 411 78 411 78 20631 25624 48143 ... 74100 89516 25459 000 000	USB	(AB-FIN)
<b>E07</b>	18453	3-4	0720	Fri	446 446 446 1 124 58 124 58 53896 57859 10024 ... 29991 25922 55009 000 000	USB	(AB-KWT/HFD-RUS)
<b>E07</b>	18453	7-4	0720	Tue	446 446 446 000	USB	(AB-KWT)
<b>E07</b>	18453	10-4	0720	Fri	446 446 446 000	USB	(AB-KWT)
<b>E07</b>	18453	14-4	0720	Tue	446 446 446 1 161 206 161 206 94505 96142 28642 ... 66188 18146 86089 000 000	USB	(AB-KWT)
<b>E07</b>	18453	17-4	0720	Fri	446 446 446 1 161 206 161 206 94505 96142 28642 ... 66188 18146 86089 000 000	USB	(AB-KWT)
<b>E07</b>	18453	21-4	0720	Tue	446 446 446 000	USB	(AB-KWT)
<b>E07</b>	18453	24-4	0720	Fri	446 446 446 000	USB	(AB-RUS)
<b>E07</b>	18453	28-4	0720	Tue	446 446 446 1 587 118 587 118 10981 31281 73313 ... 07630 57934 96039 000 000	USB	(AB-KWT)
<b>E07</b>	19074	3-4	1120	Fri	504 504 504 1 9085 89 9085 89 24541 36464 26599 ... 72495 24389 96062 000 000	USB	(AB-QAT/HFD-QAT)
<b>E07</b>	19074	7-4	1120	Tue	504 504 504 000	USB	(AB-RUS/MPJ-RUS)
<b>E07</b>	19074	10-4	1120	Fri	504 504 504 000	USB	(AB-RUS/MPJ)
<b>E07</b>	19074	14-4	1120	Tue	504 504 504 1 9560 24 9560 24 12707 91209 07870 ... 86616 26876 57065 000 000	USB	(AB-QAT/MPJ-HNG)
<b>E07</b>	19074	17-4	1120	Fri	504 504 504 1 9560 24 9560 24 12707 91209 07870 ... 86616 26876 57065 000 000	USB	(AB-QAT)
<b>E07</b>	19074	21-4	1120	Tue	504 504 504 1 411 78 411 78 20631 25624 48143 ... 74100 89516 25459 000 000	USB	(AB-FIN)
<b>E07</b>	19074	24-4	1120	Fri	504 504 504 1 411 78 411 78 20631 25624 48143 ... 74100 89516 25459 000 000	USB	(AB-FIN)
<b>E07</b>	19074	28-4	1120	Tue	504 504 504 000	USB	(AB-RUS)
<b>E07</b>	19653	3-4	0740	Fri	446 446 446 1 124 58 124 58 53896 57859 10024 ... 29991 25922 55009 000 000	USB	(AB-KWT/HFD-QAT)
<b>E07</b>	19653	14-4	0740	Tue	446 446 446 1 161 206 161 206 94505 96142 28642 ... 66188 18146 86089 000 000	USB	(AB-KWT)
<b>E07</b>	19653	17-4	0740	Fri	446 446 446 1 161 206 161 206 94505 96142 28642 ... 66188 18146 86089 000 000	USB	(AB-KWT)
<b>E07</b>	19653	28-4	0740	Tue	446 446 446 1 587 118 587 118 10981 31281 73313 ... 07630 57934 96039 000 000	USB	(AB-KWT)
<b>E07</b>	20574	3-4	1100	Fri	504 504 504 1 9085 89 9085 89 24541 36464 26599 ... 72495 24389 96062 000 000	USB	(AB-QAT/HFD-QAT)
<b>E07</b>	20574	7-4	1100	Tue	504 504 504 000	USB	(AB-RUS/MPJ-RUS)
<b>E07</b>	20574	10-4	1100	Fri	504 504 504 000	USB	(AB-RUS/MPJ-RUS)

<b>E07</b>	20574	14-4	1100	Tue	504 504 504 1 9560 24 9560 24 12707 91209 07870 ... 86616 26876 57065 000 000	USB	(AB-RUS/MPJ-HNG)
<b>E07</b>	20574	17-4	1100	Fri	504 504 504 1 9560 24 9560 24 12707 91209 07870 ... 86616 26876 57065 000 000	USB	(AB-RUS)
<b>E07</b>	20574	21-4	1100	Tue	504 504 504 1 411 78 411 78 20631 25624 48143 ... 74100 89516 25459 000 000	USB	(AB-FIN)
<b>E07</b>	20574	24-4	1100	Fri	504 504 504 1 411 78 411 78 20631 25624 48143 ... 74100 89516 25459 000 000	USB	(AB-RUS)
<b>E07</b>	20574	28-4	1100	Tue	504 504 504 000	USB	(AB-RUS)
<b>E07a</b>	6788	2-4	0430	Thu	741 741 741 000	USB	(AB)
<b>E07a</b>	6788	9-4	0430	Thu	741 741 741 000	USB	(AB/HFD)
<b>E07a</b>	6788	16-4	0430	Thu	741 741 741 000	USB	(AB)
<b>E07a</b>	6788	23-4	0430	Thu	741 741 741 000	USB	(AB)
<b>E07a</b>	6788	30-4	0430	Thu	741 741 741 000	USB	(AB)
<b>E07a</b>	6944	1-4	2020	Wed	197 197 197 000	USB	(AB/HFD)
<b>E07a</b>	6944	8-4	2020	Wed	197 197 197 000	USB	(AB/RL)
<b>E07a</b>	6944	15-4	2020	Wed	197 197 197 000	USB	(AB)
<b>E07a</b>	6944	22-4	2020	Wed	197 197 197 000	USB	(AB)
<b>E07a</b>	6944	29-4	2020	Wed	197 197 197 000	USB	(AB)
<b>E07a</b>	7488	2-4	0450	Thu	741 741 741 000	USB	(AB)
<b>E07a</b>	7488	9-4	0450	Thu	741 741 741 000	USB	(AB/HFD)
<b>E07a</b>	7488	16-4	0450	Thu	741 741 741 000	USB	(AB)
<b>E07a</b>	7488	23-4	0450	Thu	741 741 741 000	USB	(AB)
<b>E07a</b>	7488	30-4	0450	Thu	741 741 741 000	USB	(AB)
<b>E07a</b>	8144	1-4	2000	Wed	197 197 197 000	USB	(AB/HFD)
<b>E07a</b>	8144	8-4	2000	Wed	197 197 197 000	USB	(AB/RL)
<b>E07a</b>	8144	15-4	2000	Wed	197 197 197 000	USB	(AB)
<b>E07a</b>	8144	22-4	2000	Wed	197 197 197 000	USB	(AB)
<b>E07a</b>	8144	29-4	2000	Wed	197 197 197 000	USB	(AB)
<b>E07a</b>	11074	3-4	1530	Fri	102 102 102 000	USB	(AB/MPJ/HFD)
<b>E07a</b>	11074	10-4	1530	Fri	102 102 102 000	USB	(AB/MPJ)
<b>E07a</b>	11074	17-4	1530	Fri	102 102 102 000	USB	(AB/MPJ)
<b>E07a</b>	11074	24-4	1530	Fri	102 102 102 000	USB	(AB/MPJ)
<b>E07a</b>	12174	3-4	1510	Fri	102 102 102 000	USB	(AB/MPJ/HFD)
<b>E07a</b>	12174	10-4	1510	Fri	102 102 102 000	USB	(AB/MPJ)
<b>E07a</b>	12174	17-4	1510	Fri	102 102 102 000	USB	(AB/MPJ)
<b>E07a</b>	12174	24-4	1510	Fri	102 102 102 000	USB	(AB/MPJ)
<b>E07a</b>	12218	4-4	0800	Sat	244 244 244 000	USB	(AB/HFD)
<b>E07a</b>	12218	11-4	0800	Sat	244 244 244 000	USB	(AB)
<b>E07a</b>	12218	18-4	0800	Sat	244 244 244 000	USB	(AB)
<b>E07a</b>	12218	25-4	0800	Sat	244 244 244 000	USB	(AB)
<b>E07a</b>	13418	4-4	0820	Sat	244 244 244 000	USB	(AB/HFD)
<b>E07a</b>	13418	11-4	0820	Sat	244 244 244 000	USB	(AB)

<b>E07a</b>	13418	18-4	0820	Sat	244 244 244 000	USB	(AB)
<b>E07a</b>	13418	25-4	0820	Sat	244 244 244 000	USB	(AB)
<b>E11</b>	4181	1-4	1705	Wed	394/00	USB	(AB)
<b>E11</b>	4181	4-4	1705	Sat	395/00	USB	(AB/MPJ/GHn)
<b>E11</b>	4181	8-4	1705	Wed	395/00	USB	(AB)
<b>E11</b>	4181	11-4	1705	Sat	390/00	USB	(AB/MPJ)
<b>E11</b>	4181	22-4	1705	Wed	395/00	USB	(AB)
<b>E11</b>	4181	25-4	1705	Sat	392/00	USB	(AB/MPJ)
<b>E11</b>	4181	29-4	1705	Wed	392/00	USB	(AB/MPJ)
<b>E11</b>	4505	11-4	1930	Sat	360/00	USB	(AB)
<b>E11</b>	4505	12-4	1930	Sun	367/00	USB	(AB/MPJ)
<b>E11</b>	4505	18-4	1930	Sat	365/00	USB	(AB)
<b>E11</b>	4505	19-4	1930	Sun	366/00	USB	(AB)
<b>E11</b>	4505	25-4	1930	Sat	365/00	USB	(AB)
<b>E11</b>	4505	26-4	1930	Sun	360/00	USB	(AB)
<b>E11</b>	5082	5-4	1605	Sun	235/00	USB	(AB/GHn/MPJ)
<b>E11</b>	5082	14-4	1605	Tue	231/00	USB	(MPJ)
<b>E11</b>	5082	19-4	1605	Sun	230/00	USB	(AB/MPJ)
<b>E11</b>	5082	21-4	1605	Tue	232/00	USB	(AB/MPJ)
<b>E11</b>	5082	26-4	1605	Sun	236/00	USB	(AB/MPJ)
<b>E11</b>	5082	28-4	1605	Tue	232/00	USB	(AB/MPJ)
<b>E11</b>	5371	4-4	0805	Sat	313/00	USB	(AB)
<b>E11</b>	5371	5-4	0805	Sun	311/00	USB	(AB)
<b>E11</b>	5371	6-4	0450	Mon	416/00	USB	(AB)
<b>E11</b>	5371	13-4	0450	Mon	410/00	USB	(AB)
<b>E11</b>	5371	18-4	0805	Sat	319/00	USB	(AB)
<b>E11</b>	5371	19-4	0805	Sun	311/00	USB	(AB)
<b>E11</b>	5371	20-4	0450	Mon	413/00	USB	(AB)
<b>E11</b>	5371	25-4	0805	Sat	316/00	USB	(AB)
<b>E11</b>	5371	26-4	0805	Sun	314/00	USB	(AB)
<b>E11</b>	5737	3-4	1530	Fri	524/00	USB	(AB/MPJ)
<b>E11</b>	5737	6-4	1530	Mon	522/00	USB	(AB/MPJ)
<b>E11</b>	5737	10-4	1530	Fri	520/00	USB	(AB/MPJ)
<b>E11</b>	5737	13-4	1530	Mon	527/00	USB	(AB/MPJ)
<b>E11</b>	5737	17-4	1530	Fri	521/00	USB	(AB/MPJ)
<b>E11</b>	5737	27-4	1530	Mon	525/00	USB	(AB/MPJ)
<b>E11</b>	5779	3-4	0435	Fri	353/00	USB	(AB)
<b>E11</b>	5779	5-4	0435	Sun	358/00	USB	(AB)
<b>E11</b>	5779	17-4	0435	Fri	353/00	USB	(AB)

E11	5779	19-4	0435	Sun	354/00	USB	(AB)
E11	5779	26-4	0435	Sun	358/00	USB	(AB/HFD)
E11	5941	2-4	0820	Thu	436/00	USB	(AB)
E11	5941	3-4	0820	Fri	439/00	USB	(AB)
E11	5941	10-4	0820	Fri	431/00	USB	(AB)
E11	5941	16-4	0820	Thu	436/00	USB	(AB)
E11	5941	17-4	0820	Fri	438/00	USB	(AB)
E11	5941	30-4	0820	Thu	439/00	USB	(AB)
E11	6923	1-4	1205	Wed	462/00	USB	(AB)
E11	6923	1-4	1625	Wed	974/00	USB	(AB/MPJ)
E11	6923	5-4	1625	Sun	970/00	USB	(AB/MPJ)
E11	6923	8-4	1625	Wed	974/00	USB	(AB/MPJ)
E11	6923	12-4	1625	Sun	978/00	USB	(AB/MPJ)
E11	6923	14-4	1205	Tue	460/00	USB	(AB)
E11	6923	15-4	1205	Wed	465/00	USB	(AB)
E11	6923	15-4	1625	Wed	972/00	USB	(AB/MPJ)
E11	6923	19-4	1625	Sun	978/00	USB	(AB/MPJ)
E11	6923	21-4	1205	Tue	464/00	USB	(AB)
E11	6923	22-4	1205	Wed	463/00	USB	(AB/MPJ)
E11	6923	28-4	1205	Tue	463/00	USB	(AB/MPJ)
E11	6923	29-4	1205	Wed	461/00	USB	(AB)
E11	6923	29-4	1625	Wed	972/00	USB	(AB/MPJ)
E11	6940	8-4	0930	Wed	273/00	USB	(AB)
E11	6940	9-4	0930	Thu	276/00	USB	(AB)
E11	6940	15-4	0930	Wed	275/00	USB	(AB)
E11	6940	16-4	0930	Thu	276/00	USB	(AB)
E11	6940	22-4	0930	Wed	277/00	USB	(AB)
E11	6940	23-4	0930	Thu	278/00	USB	(AB)
E11	6940	29-4	0930	Wed	277/00	USB	(AB)
E11	6940	30-4	0930	Thu	273/00	USB	(AB)
E11	7317	1-4	1045	Wed	690/00	USB	(AB)
E11	7317	2-4	1900	Thu	643/00	USB	(AB/MPJ)
E11	7317	3-4	1000	Fri	300/00	USB	(AB)
E11	7317	6-4	1045	Mon	697/00	USB	(AB)
E11	7317	6-4	1900	Mon	644/00	USB	(AB/MPJ)
E11	7317	7-4	1000	Tue	309/00	USB	(AB)
E11	7317	8-4	1045	Wed	692/00	USB	(AB)
E11	7317	9-4	1900	Thu	646/00	USB	(AB)
E11	7317	10-4	1000	Fri	309/00	USB	(AB)

E11	7317	13-4	1045	Mon	694/00	USB	(AB)
E11	7317	13-4	1900	Mon	641/00	USB	(AB/MPJ)
E11	7317	15-4	1045	Wed	693/00	USB	(AB)
E11	7317	16-4	1900	Thu	648/00	USB	(AB/MPJ/RL-E)
E11	7317	20-4	1045	Mon	691/00	USB	(AB)
E11	7317	21-4	1000	Tue	306/00	USB	(AB)
E11	7317	22-4	1045	Wed	692/00	USB	(AB)
E11	7317	24-4	1000	Fri	304/00	USB	(AB)
E11	7317	27-4	1900	Mon	649/00	USB	(AB/MPJ)
E11	7317	28-4	1000	Tue	306/00	USB	(AB)
E11	7317	30-4	1900	Thu	640/00	USB	(AB)
E11	7864	2-4	1730	Thu	414/00	USB	(AB)
E11	7864	9-4	1730	Thu	412/00	USB	(AB/MPJ)
E11	7864	16-4	1730	Thu	412/00	USB	(AB)
E11	7864	23-4	1730	Thu	412/00	USB	(AB)
E11	8102	4-4	0710	Sat	491/00	USB	(AB)
E11	8102	5-4	0710	Sun	491/00	USB	(AB)
E11	8102	18-4	0710	Sat	497/00	USB	(AB)
E11	8102	19-4	0710	Sun	496/00	USB	(AB)
E11	8102	25-4	0710	Sat	492/00	USB	(AB)
E11	8102	26-4	0710	Sun	496/00	USB	(AB/F5JBR)
E11	8180	1-4	0900	Wed	537/00	USB	(AB)
E11	8180	3-4	0700	Fri	574/00	USB	(AB)
E11	8180	7-4	0700	Tue	573/00	USB	(AB)
E11	8180	8-4	0900	Wed	530/00	USB	(AB)
E11	8180	10-4	0700	Fri	570/00	USB	(AB)
E11	8180	14-4	0700	Tue	571/00	USB	(AB)
E11	8180	17-4	0700	Fri	579/00	USB	(AB)
E11	8180	20-4	0900	Mon	530/00	USB	(AB)
E11	8180	22-4	0900	Wed	530/00	USB	(AB)
E11	8180	27-4	0900	Mon	535/00	USB	(AB)
E11	8180	28-4	0700	Tue	573/00	USB	(AB)
E11	8180	29-4	0900	Wed	537/00	USB	(AB)
E11	8530	3-4	1910	Fri	614/00	USB	(AB)
E11	8530	5-4	1910	Sun	614/00	USB	(AB/MPJ)
E11	8530	10-4	1910	Fri	611/00	USB	(MPJ)
E11	8530	12-4	1910	Sun	618/00	USB	(AB/MPJ)
E11	8530	24-4	1910	Fri	617/00	USB	(AB)
E11	8530	26-4	1910	Sun	618/00	USB	(AB/MPJ)

E11	9240	2-4	1700	Thu	338/00	USB	(AB)
E11	9240	7-4	1700	Tue	335/00	USB	(AB-POL)
E11	9240	9-4	1700	Thu	335/00	USB	(AB/MPJ)
E11	9240	21-4	1700	Tue	333/00	USB	(AB/MPJ)
E11	9240	23-4	1700	Thu	331/00	USB	(AB/MPJ)
E11	9240	28-4	1700	Tue	332/00	USB	(AB)
E11	9240	30-4	1700	Thu	333/00	USB	(AB/MPJ)
E11	9963	3-4	0715	Fri	631/00	USB	(AB)
E11	9963	14-4	0715	Tue	633/00	USB	(AB)
E11	9963	17-4	0715	Fri	633/00	USB	(AB)
E11	9963	21-4	0715	Tue	637/00	USB	(AB)
E11	9963	24-4	0715	Fri	630/00	USB	(AB)
E11	9963	28-4	0715	Tue	635/00	USB	(AB)
E11	10213	6-4	0745	Mon	260/00	USB	(AB)
E11	10213	13-4	0745	Mon	268/00	USB	(AB)
E11	10213	27-4	0745	Mon	264/00	USB	(AB)
E11	10330	2-4	1530	Thu	269/00	USB	(AB/GHn/MPJ)
E11	10330	9-4	1530	Thu	264/00	USB	(AB/GHn)
E11	10330	16-4	1530	Thu	260/00	USB	(AB/GHn/MPJ)
E11	10330	30-4	1530	Thu	267/00	USB	(AB/GHn/MPJ)
E11	10800	2-4	0645	Thu	512/00	USB	(AB)
E11	10800	7-4	0645	Tue	518/00	USB	(AB)
E11	10800	9-4	0645	Thu	514/00	USB	(AB)
E11	10800	21-4	0645	Tue	518/00	USB	(AB)
E11	10800	23-4	0645	Thu	511/00	USB	(AB)
E11	10800	28-4	0645	Tue	512/00	USB	(AB)
E11	10800	30-4	0645	Thu	512/00	USB	(AB)
E11	11116	3-4	1650	Fri	927/00	USB	(AB/MPJ)
E11	11116	5-4	1650	Sun	925/00	USB	(AB/GHn)
E11	11116	10-4	1650	Fri	927/00	USB	(GHn)
E11	11116	12-4	1650	Sun	927/00	USB	(AB)
E11	11116	17-4	1650	Fri	927/00	USB	(AB)
E11	11116	19-4	1650	Sun	925/00	USB	(AB/MPJ)
E11	12153	1-4	0640	Wed	940/00	USB	(AB)
E11	12153	3-4	0830	Fri	184/00	USB	(AB)
E11	12153	6-4	0640	Mon	948/00	USB	(AB)
E11	12153	6-4	0830	Mon	180/00	USB	(AB)
E11	12153	8-4	0640	Wed	946/00	USB	(AB)
E11	12153	10-4	0830	Fri	188/00	USB	(AB)

E11	12153	20-4	0640	Mon	949/00	USB	(AB)
E11	12153	20-4	0830	Mon	181/00	USB	(AB)
E11	12153	22-4	0640	Wed	940/00	USB	(AB)
E11	12153	24-4	0830	Fri	182/00	USB	(AB)
E11	12153	27-4	0640	Mon	940/00	USB	(AB)
E11	12153	27-4	0830	Mon	188/00	USB	(AB)
E11	12153	29-4	0640	Wed	945/00	USB	(AB)
E11	12202	2-4	0845	Thu	157/00	USB	(AB)
E11	12202	7-4	0845	Tue	154/00	USB	(AB)
E11	12202	9-4	0845	Thu	152/00	USB	(AB)
E11	12202	21-4	0845	Tue	159/00	USB	(AB)
E11	12202	23-4	0845	Thu	150/00	USB	(AB)
E11	12202	28-4	0845	Tue	152/00	USB	(AB)
E11	12202	30-4	0845	Thu	152/00	USB	(AB)
E11	13470	5-4	1745	Sun	248/00	USB	(MPJ)
E11	13470	6-4	1745	Mon	245/00	USB	(AB)
E11	13470	20-4	1745	Mon	246/00	USB	(MPJ)
E11	13470	26-4	1745	Sun	240/00	USB	(AB)
E11	13470	27-4	1747	Mon	242/00 Late start	USB	(AB-POL)
E11	14865	2-4	0745	Thu	221/00	USB	(AB)
E11	14865	7-4	0745	Tue	223/00	USB	(AB)
E11	14865	9-4	0745	Thu	225/00	USB	(AB)
E11	14865	14-4	0745	Tue	223/00	USB	(AB)
E11	14865	16-4	0745	Thu	224/00	USB	(AB)
E11	14865	21-4	0745	Tue	220/00	USB	(AB)
E11	14865	23-4	0745	Thu	220/00	USB	(AB)
E11	14972	4-4	1345	Sat	915/00	USB	(AB)
E11	14972	7-4	1345	Tue	917/00	USB	(AB)
E11	14972	11-4	1345	Sat	919/00	USB	(AB)
E11	14972	14-4	1345	Tue	918/00	USB	(MPJ-POL)
E11	14972	18-4	1345	Sat	917/00	USB	(AB)
E11	14972	28-4	1345	Tue	911/00	USB	(AB-POL)
E11	17410	1-4	0745	Wed	346/00	USB	(AB)
E11	17410	3-4	0745	Fri	344/00	USB	(AB-POL)
E11	17410	8-4	0745	Wed	340/00	USB	(AB-POL)
E11	17410	10-4	0745	Fri	340/00	USB	(AB-POL)
E11	17410	22-4	0745	Wed	343/00	USB	(AB-POL)
E11	17410	24-4	0745	Fri	344/00	USB	(AB-POL)
E11	17410	29-4	0745	Wed	340/00	USB	(AB-POL)



E11	19184	1-4	0820	Wed	138/00	USB	(AB-POL)
E11	19184	8-4	0820	Wed	132/00	USB	(AB-POL)
E11	19184	15-4	0820	Wed	133/00	USB	(AB-POL)
E11	19184	28-4	0820	Tue	133/00	USB	(AB-POL)
E11	19184	29-4	0820	Wed	138/00	USB	(AB-POL)
E11a	4181	15-4	1705	Wed	390/35 Attention 49934 48198 71920 ...91605 72437 58957	USB	(MPJ)
E11a	4181	18-4	1705	Sat	390/35 Attention 49934 48198 71920 ... 91605 72437 58957 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	4505	4-4	1930	Sat	368/33 Attention 79201 50023 38541 ... 69611 60600 56590 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	4505	4-4	1930	Sat	368/33 Attention 79201 50023 38541 ... 69611 60600 56590 Attention (message repeated) Out	USB	(AB)
E11a	5082	7-4	1605	Tue	232/38 Attention 24158 02494 93541 ... 42725 87004 71283 Attention (message repeated) Out	USB	(GHn/MPJ)
E11a	5082	12-4	1605	Sun	232/38 Attention 24158 02494 93541 ... 42725 87004 71283Attention (message repeated) Out	USB	(Ghn/MPJ/HFD)
E11a	5371	11-4	0805	Sat	316/38 Attention 89250 92594 17871 ... 29001 01042 28976 Attention (message repeated) Out	USB	(AB)
E11a	5371	12-4	0805	Sun	316/38 Attention 89250 92594 17871 ... 29001 01042 28976 Attention (message repeated) Out	USB	(AB)
E11a	5371	27-4	0450	Mon	413/33 Attention 40368 64756 52653 ... 24899 96422 97336 Attention (message repeated) Out	USB	(AB/HFD)
E11a	5737	20-4	1530	Mon	528/33 Attention 98296 97640 64339 ... 43639 29853 03216 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	5737	24-4	1530	Fri	528/33 Attention 98296 97640 64339 ... 43639 29853 03216 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	5779	10-4	0435	Fri	354/30 Attention 91022 05128 90350 ... 22519 40595 85127 Attention (message repeated) Out	USB	(AB)
E11a	5779	12-4	0435	Sun	354/30 Attention 91022 05128 90350 ... 22519 40595 85127 Attention (message repeated) Out	USB	(AB)
E11a	5941	23-4	0820	Thu	438/39 Attention 45333 66292 91656 ... 34656 90559 93720 Attention (message repeated) Out	USB	(AB)
E11a	5941	24-4	0820	Fri	438/39 Attention 45333 66292 91656 ... 34656 90559 93720 Attention (message repeated) Out	USB	(AB)
E11a	6823	7-4	1205	Tue	461/34 Attention 51285 79605 19908 ... 49021 20999 32593 Attention (message repeated) Out	USB	(AB)
E11a	6923	8-4	1205	Wed	461/34 Attention 51285 79605 19908 ... 49021 20999 32593 Attention (message repeated) Out	USB	(AB)
E11a	6923	22-4	1625	Wed	978/32 Attention 42478 58049 49065 ... 27325 92199 53304 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	6923	26-4	1625	Sun	978/32 Attention 42478 58049 49065 ... 27325 92199 53304 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	6940	1-4	0930	Wed	275/32 Attention 99069 35302 24168 ... 65501 02544 90205 Attention (message repeated) Out	USB	(AB)
E11a	6940	2-4	0930	Thu	275/32 Attention 99069 35302 24168 ... 65501 02544 90205 Attention (message repeated) Out	USB	(AB)
E11a	7317	14-4	1000	Tue	304/33 Attention 73687 85853 92453 ... 82885 81656 60546 Attention (message repeated) Out	USB	(AB)
E11a	7317	17-4	1000	Fri	304/33 Attention 73687 85853 92453 ... 82885 81656 60546 Attention (message repeated) Out	USB	(AB)
E11a	7317	20-4	1900	Mon	648/36 Attention 38243 09877 05163 ... 33114 29222 17116 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	7317	23-4	1900	Thu	648/36 Attention 38243 09877 05163 ... 33114 29222 17116 Attention (message repeated) Out	USB	(AB)
E11a	7317	27-4	1045	Mon	692/28 Attention 78358 68472 27185 ... 62453 54003 27184 Attention (message repeated) out	USB	(AB)
E11a	7317	29-4	1045	Wed	692/28 Attention 78358 68472 27185 ... 62453 54003 27184 Attention (message repeated) out	USB	(AB)
E11A	7850	26-4	0315	Sun	259/37 54059 ...	USB	(HFD)
E11a	7864	30-4	1730	Thu	413/33 Attention 40368 64756 52653 ... 24899 96422 97336 Attention (message repeated) Out	USB	(AB)
E11a	8102	11-4	0710	Sat	498/35 Attention 19331 99381 11048 ... 46135 05137 20457 Attention (message repeated) Out	USB	(AB)
E11a	8102	12-4	0710	Sun	498/35 Attention 19331 99381 11048 ... 46135 05137 20457 Attention (message repeated) Out	USB	(AB)
E11a	8180	13-4	0900	Mon	538/32 Attention 19837 50609 16124 ... 36294 81044 82153 Attention (message repeated) Out	USB	(AB)
E11a	8180	15-4	0900	Wed	538/32 Attention 19837 50609 16124 ... 36294 81044 82153 Attention (message repeated) Out	USB	(AB)
E11a	8180	21-4	0700	Tue	574/38 Attention 89659 03161 56314 ... 12852 74713 23386 Attention (message repeated) Out	USB	(AB)



<b>E11a</b>	8180	24-4	0700	Fri	574/38 Attention 89659 03161 56314 ... 12852 74713 23386 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	8530	17-4	1910	Fri	616/33 Attention 34465 82274 15570 ... 73266 01812 23401 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	8530	19-4	1910	Sun	616/33 Attention 34465 82274 15570 ... 73266 01812 23401 Attention (message repeated) Out	USB	(AB/MPJ)
<b>E11a</b>	9240	14-4	1700	Tue	334/33 Attention 06640 58215 12345 ... 56276 13076 28717 Attention (message repeated) Out	USB	(AB-POL)
<b>E11a</b>	9240	16-4	1700	Thu	334/33 Attention 06640 58215 12345 ... 56276 13076 28717 Attention (message repeated) Out	USB	(AB/MPJ)
<b>E11a</b>	9963	7-4	0715	Tue	636/31 Attention 30022 65852 48590 ... 72197 26570 93213 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	9963	10-4	0715	Fri	636/31 Attention 30022 65852 48590 ... 72197 26570 93213 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	10213	20-4	0745	Mon	267/35 Attention 41110 26879 46275 ... 99376 24931 41761 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	10330	23-4	1530	Thu	267/35 Attention 41110 26879 46275 ... 99376 24931 41761 Attention (message repeated) Out	USB	(AB/GHn/MPJ)
<b>E11a</b>	10800	14-4	0645	Tue	515/31 Attention 58566 01220 97881 ... 21489 01141 73317 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	10800	16-4	0645	Thu	515/31 Attention 58566 01220 97881 ... 21489 01141 73317 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	11116	24-4	1650	Fri	927/31 Attention 33213 22896 68771 ... 11681 66482 77186 Attention (message repeated) Out	USB	(AB/MPJ)
<b>E11a</b>	11116	26-4	1650	Sun	927/31 Attention 33213 22896 68771 ... 11681 66482 77186 Attention (message repeated) Out	USB	(AB/MPJ)
<b>E11a</b>	12153	13-4	0640	Mon	945/24 Attention 06220 18087 81926 ... 44350 43133 61906 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	12153	13-4	0830	Mon	189/23 Attention 29355 02055 33124 ... 78760 14170 86733 Attention (message repeated) Out	USB	(AB-RUS)
<b>E11a</b>	12153	15-4	0640	Wed	945/24 Attention 06220 18087 81926 ... 44350 43133 61906 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	12153	17-4	0830	Fri	189/23 Attention 29355 02005 33124 ... 78760 14170 86733 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	12202	14-4	0845	Tue	151/36 Attention 24950 77061 96707 ... 38720 11323 90203 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	12202	16-4	0845	Thu	151/36 Attention 24950 77061 96707 ... 38720 11323 90203 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	13470	13-4	1745	Mon	242/40 Attention 65481 04923 24563 ... 61052 78020 86095 Attention (message repeated) Out	USB	(AB/MPJ)
<b>E11a</b>	13470	19-4	1745	Sun	242/40 Attention 65481 04923 24563 ... 61052 78020 86095 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	14865	28-4	0745	Tue	229/36 Attention 61617 95881 18010 ... 76669 66569 86157 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	14865	30-4	0745	Thu	229/36 Attention 61617 95881 18010 ... 76669 66569 86157 Attention (message repeated) Out	USB	(AB-POL)
<b>E11a</b>	14972	21-4	1345	Tue	911/34 Attention 02624 82098 75348 ... 55525 05139 84185 Attention (message repeated) Out	USB	(AB-POL/MPJ)
<b>E11a</b>	14972	25-4	1345	Sat	911/34 Attention 02624 82098 75348 ... 55525 05139 84185 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	17410	15-4	0745	Wed	348/39 Attention 11288 21644 47344 43138 ... 46505 22400 81563 Attention (message repeated) Out	USB	(AB-POL)
<b>E11a</b>	17410	17-4	0745	Fri	348/39 Attention 11288 21644 47344 43138 ... 46505 22400 81563 Attention (message repeated) Out	USB	(AB-POL)
<b>E11a</b>	19184	21-4	0820	Tue	130/33 Attention 38873 78327 66240 ... 24958 93692 91159 Attention (message repeated) Out	USB	(AB-POL)
<b>E11a</b>	19184	22-4	0820	Wed	130/33 Attention 38873 78327 66240 ... 24958 93692 91159 Attention (message repeated) Out	USB	(AB-POL)
<b>E17z</b>	12930	2-4	0810	Thu	217 846 5 88620 58069 61732 74537 54440 846 5 00000	USB	(AB-G)
<b>E17z</b>	12930	9-4	0810	Thu	217 846 5 88620 58069 61732 74537 54440 846 5 00000	USB	(AB-G)
<b>E17z</b>	12930	16-4	0810	Thu	217 439 5 14663 65564 67269 47059 49848 439 5 00000	USB	(AB-FIN)
<b>E17z</b>	12930	23-4	0810	Thu	217 439 5 14663 65564 67269 47059 49848 439 5 00000	USB	(AB)
<b>E17z</b>	12930	30-4	0810	Thu	217 217 217 00000	USB	(AB)
<b>E17z</b>	14260	2-4	0800	Thu	217 846 5 88620 58069 61732 74537 54440 846 5 00000	USB	(AB-KWT)
<b>E17z</b>	14260	9-4	0800	Thu	217 846 5 88620 58069 61732 74537 54440 846 5 00000	USB	(AB-KWT)
<b>E17z</b>	14260	16-4	0800	Thu	217 439 5 14663 65564 67269 47059 49848 439 5 00000	USB	(AB-KWT)

<b>E17z</b>	14260	23-4	0800	Thu	217 439 5 14663 65564 67269 47059 49848 439 5 00000	USB	(AB-KWT)
<b>E17z</b>	14260	30-4	0800	Thu	217 217 217 00000	USB	(AB)
<b>EGY</b>	10155	28-4	1105	Tue	99901: MFA Cairo	CODAN	(AB)
<b>EGY</b>	10167	28-4	1014	Tue	MFA Cairo clg TVVC: Egyptian embassy Baghdad	SITOR-A 100/170	(AB)
<b>EGY</b>	10167	28-4	1052	Tue	99901: MFA Cairo	CODAN	(AB)
<b>EGY</b>	10176	28-4	1108	Tue	99901: MFA Cairo	CODAN	(AB)
<b>EGY</b>	14966	21-4	1343	Tue	99904: MFS Cairo msg to 44406: Egyptian embassy New Delhi	CODAN chirp	(AB/MPJ)
<b>EGY</b>	16333	23-4	1403	Thu	99901: MFA Cairo clg 66601: Egyptian embassy Washington	CODAN chirp	(AB)
<b>EGY</b>	16334.7	23-4	1400	Thu	MFA Cairo clg RCVB: Egyptian embassy, Washington	SITOR-A 100/170	(AB)
<b>EGY</b>	16334.7	23-4	1406	Thu	71: Egyptian Military Intelligence, Cairo with two messages for RCVB: Egyptian embassy, Washington	SITOR-A 100/170	(AB)
<b>EGY</b>	18667.7	5-4	1521	Sun	Egyptian diplo i.p. Messages in SITOR-A and CODAN	SITOR-A 100/170	(AB)
<b>F01</b>	6974	1-4	1035	Wed	Russian diplo/intel. 17776 82113 22418 ... 78159 23397 04413 00000	FSK 200/500	(AB-RUS)
<b>F01</b>	6974	2-4	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/HFD)
<b>F01</b>	6974	3-4	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
<b>F01</b>	6974	6-4	1035	Mon	Russian diplo/intel.	FSK 200/500	(AB-RUS)
<b>F01</b>	6974	7-4	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
<b>F01</b>	6974	8-4	1035	Wed	Russian diplo/intel. 52226 29661 39344 ... 56666 68323 10431 00000	FSK 200/500	(AB-RUS)
<b>F01</b>	6974	9-4	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
<b>F01</b>	6974	10-4	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS/MPJ-RUS)
<b>F01</b>	6974	13-4	1035	Mon	Russian diplo/intel. 49408 17182 83851 ... 62950 65352 13423 00000	FSK 200/500	(AB-RUS)
<b>F01</b>	6974	14-4	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
<b>F01</b>	6974	15-4	1035	Wed	Russian diplo/intel. 63499 12878 20867 ... 68429 87622 16427 00000	FSK 200/500	(AB-RUS)
<b>F01</b>	6974	16-4	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
<b>F01</b>	6974	17-4	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
<b>F01</b>	6974	20-4	1035	Mon	Russian diplo/intel. 52566 43842 59529 ... 12791 98770 19435 00000	FSK 200/500	(AB-RUS)
<b>F01</b>	6974	21-4	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
<b>F01</b>	6974	21-4	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
<b>F01</b>	6974	22-4	1035	Wed	Russian diplo/intel.	FSK 200/500	(AB-RUS)
<b>F01</b>	6974	23-4	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
<b>F01</b>	6974	24-4	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
<b>F01</b>	6974	27-4	1035	Mon	Russian diplo/intel. 87676 43960 34410 ... 89323 48617 25421 00000	FSK 200/500	(AB-RUS)
<b>F01</b>	6974	29-4	1035	Wed	Russian diplo/intel.	FSK 200/500	(AB-RUS)
<b>F01</b>	6974	30-4	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
<b>F01</b>	8076	1-4	1025	Wed	Russian diplo/intel. 17776 82113 22418 ... 78159 23397 04413 00000	FSK 200/500	(AB-RUS)
<b>F01</b>	8076	2-4	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/HFD)
<b>F01</b>	8076	3-4	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
<b>F01</b>	8076	6-4	1025	Mon	Russian diplo/intel.	FSK 200/500	(AB-RUS)
<b>F01</b>	8076	7-4	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)

F01	8076	8-4	1025	Wed	Russian diplo/intel. 52226 29661 39344 ... 56666 68323 10431 00000	FSK 200/500	(AB-RUS)
F01	8076	9-4	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	8076	10-4	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS/MPJ-RUS)
F01	8076	13-4	1025	Mon	Russian diplo/intel. 49408 17182 83851 ... 62950 65352 13423 00000	FSK 200/500	(AB-RUS)
F01	8076	14-4	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	8076	15-4	1025	Wed	Russian diplo/intel. 63499 12878 20867 ... 68429 87622 16427 00000	FSK 200/500	(AB-RUS)
F01	8076	16-4	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	8076	17-4	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
F01	8076	20-4	1025	Mon	Russian diplo/intel. 52566 43842 59529 ... 12791 98770 19435 00000	FSK 200/500	(AB-POL)
F01	8076	21-4	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	8076	21-4	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	8076	22-4	1025	Wed	Russian diplo/intel.	FSK 200/500	(AB-RUS)
F01	8076	23-4	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	8076	24-4	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
F01	8076	27-4	1025	Mon	Russian diplo/intel. 87676 43960 34410 ... 89323 48617 25421 00000	FSK 200/500	(AB-POL)
F01	8076	29-4	1025	Wed	Russian diplo/intel.	FSK 200/500	(AB-RUS)
F01	8076	30-4	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	8112	1-4	1900	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ/HFD)
F01	10177	1-4	1015	Wed	Russian diplo/intel. 17776 82113 22418 ... 78159 23397 04413 00000	FSK 200/500	(AB-RUS)
F01	10177	2-4	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/HFD)
F01	10177	3-4	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	10177	6-4	1015	Mon	Russian diplo/intel.	FSK 200/500	(AB)
F01	10177	7-4	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-POL)
F01	10177	8-4	1015	Wed	Russian diplo/intel. 52226 29661 39344 ... 56666 68323 10431 00000	FSK 200/500	(AB-RUS)
F01	10177	9-4	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	10177	10-4	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ-RUS)
F01	10177	13-4	1015	Mon	Russian diplo/intel. 49408 17182 83851 ... 62950 65352 13423 00000	FSK 200/500	(AB)
F01	10177	14-4	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	10177	15-4	1015	Wed	Russian diplo/intel. 63499 12878 20867 ... 68429 87622 16427 00000	FSK 200/500	(AB-RUS)
F01	10177	16-4	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	10177	17-4	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
F01	10177	20-4	1015	Mon	Russian diplo/intel. 52566 43842 59529 ... 12791 98770 19435 00000	FSK 200/500	(AB)
F01	10177	21-4	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	10177	21-4	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	10177	22-4	1015	Wed	Russian diplo/intel.	FSK 200/500	(AB-RUS)
F01	10177	23-4	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	10177	24-4	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	10177	27-4	1015	Mon	Russian diplo/intel. 87676 43960 34410 ... 89323 48617 25421 00000	FSK 200/500	(AB)
F01	10177	29-4	1015	Wed	Russian diplo/intel.	FSK 200/500	(AB-RUS)

<b>F01</b>	10177	30-4	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
<b>F01</b>	10581	1-4	1850	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ/HFD)
<b>F01</b>	12194	1-4	1840	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ/HFD)
<b>F03d</b>	8088	2-4	1100	Thu	Polish intel.	FSK-2 200Bd/400Hz	(AB)
<b>F03d</b>	8088	2-4	1105	Thu	Polish intel.	FSK-2 200Bd/400Hz	(AB)
<b>F03d</b>	8088	6-4	1100	Mon	Polish intel.	FSK-2 200Bd/400Hz	(AB)
<b>F03d</b>	8088	6-4	1105	Mon	Polish intel.	FSK-2 200Bd/400Hz	(AB)
<b>F03d</b>	8088	9-4	1100	Thu	Polish intel.	FSK-2 200Bd/400Hz	(AB)
<b>F03d</b>	8088	9-4	1105	Thu	Polish intel.	FSK-2 200Bd/400Hz	(AB)
<b>F03d</b>	8088	13-4	1100	Mon	Polish intel.	FSK-2 200Bd/400Hz	(AB)
<b>F03d</b>	8088	13-4	1105	Mon	Polish intel.	FSK-2 200Bd/400Hz	(AB)
<b>F03d</b>	8088	16-4	1100	Thu	Polish intel.	FSK-2 200Bd/400Hz	(AB)
<b>F03d</b>	8088	16-4	1105	Thu	Polish intel.	FSK-2 200Bd/400Hz	(AB)
<b>F03d</b>	8088	20-4	1100	Mon	Polish intel.	FSK-2 200Bd/400Hz	(AB)
<b>F03d</b>	8088	20-4	1105	Mon	Polish intel.	FSK-2 200Bd/400Hz	(AB)
<b>F03d</b>	8088	23-4	1100	Thu	Polish intel.	FSK-2 200Bd/400Hz	(AB)
<b>F03d</b>	8088	23-4	1105	Thu	Polish intel.	FSK-2 200Bd/400Hz	(AB)
<b>F03d</b>	8088	27-4	1100	Mon	Polish intel.	FSK-2 200Bd/400Hz	(AB/MPJ)
<b>F03d</b>	8088	27-4	1105	Mon	Polish intel.	FSK-2 200Bd/400Hz	(AB/MPJ)
<b>F03d</b>	8088	30-4	1100	Thu	Polish intel.	FSK-2 200Bd/400Hz	(AB)
<b>F03d</b>	8088	30-4	1105	Thu	Polish intel.	FSK-2 200Bd/400Hz	(AB)
<b>F03j</b>	7984	6-4	0950	Mon	Polish intel.	FSK-4 100Bd/400Hz	(AB)
<b>F03j</b>	7984	6-4	0955	Mon	Polish intel.	FSK-4 100Bd/400Hz	(AB)
<b>F03j</b>	7984	8-4	0950	Wed	Polish intel.	FSK-4 100Bd/400Hz	(AB)
<b>F03j</b>	7984	8-4	0955	Wed	Polish intel.	FSK-4 100Bd/400Hz	(AB)
<b>F03j</b>	7984	13-4	0950	Mon	Polish intel.	FSK-4 100Bd/400Hz	(AB)
<b>F03j</b>	7984	13-4	0955	Mon	Polish intel.	FSK-4 100Bd/400Hz	(AB)
<b>F03j</b>	7984	20-4	0950	Mon	Polish intel.	FSK-4 100Bd/400Hz	(AB)
<b>F03j</b>	7984	20-4	0955	Mon	Polish intel.	FSK-4 100Bd/400Hz	(AB)
<b>F03j</b>	7984	22-4	0950	Wed	Polish intel.	FSK-4 100Bd/400Hz	(AB)
<b>F03j</b>	7984	22-4	0955	Wed	Polish intel.	FSK-4 100Bd/400Hz	(AB)
<b>F03j</b>	7984	29-4	0950	Wed	Polish intel.	FSK-4 100Bd/400Hz	(AB)
<b>F03j</b>	7984	29-4	0955	Wed	Polish intel.	FSK-4 100Bd/400Hz	(AB)
<b>F03j</b>	8305	2-4	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
<b>F03j</b>	8305	2-4	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
<b>F03j</b>	8305	7-4	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
<b>F03j</b>	8305	7-4	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
<b>F03j</b>	8305	9-4	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
<b>F03j</b>	8305	9-4	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)

F03j	8305	14-4	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	8305	14-4	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	8305	16-4	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	8305	16-4	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	8305	21-4	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	8305	21-4	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	8305	23-4	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	8305	23-4	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	8305	28-4	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	8305	28-4	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	8305	30-4	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	8305	30-4	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	2-4	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	2-4	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	7-4	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	7-4	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	9-4	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	9-4	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	14-4	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	14-4	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	16-4	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	16-4	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	21-4	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	21-4	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	23-4	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	23-4	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	28-4	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	28-4	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	30-4	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	30-4	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	19515	6-4	0630	Mon	Polish intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	19515	6-4	0635	Mon	Polish intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	19515	8-4	0630	Wed	Polish intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	19515	8-4	0635	Wed	Polish intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	19515	13-4	0630	Mon	Polish intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	19515	13-4	0635	Mon	Polish intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	19515	15-4	0630	Wed	Polish intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	19515	15-4	0635	Wed	Polish intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	19515	20-4	0630	Mon	Polish intel.	FSK-4 100Bd/400Hz	(AB-POL)

<b>F03j</b>	19515	20-4	0635	Mon	Polish intel.	FSK-4 100Bd/400Hz	(AB-POL)
<b>F03j</b>	19515	22-4	0630	Wed	Polish intel.	FSK-4 100Bd/400Hz	(AB-POL)
<b>F03j</b>	19515	22-4	0635	Wed	Polish intel.	FSK-4 100Bd/400Hz	(AB-POL)
<b>F03j</b>	19515	27-4	0630	Mon	Polish intel.	FSK-4 100Bd/400Hz	(AB-POL)
<b>F03j</b>	19515	27-4	0635	Mon	Polish intel.	FSK-4 100Bd/400Hz	(AB-POL)
<b>F03j</b>	19515	29-4	0630	Wed	Polish intel.	FSK-4 100Bd/400Hz	(AB-POL)
<b>F03j</b>	19515	29-4	0635	Wed	Polish intel.	FSK-4 100Bd/400Hz	(AB-POL)
<b>F03I</b>	6849	1-4	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	6849	1-4	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	6849	2-4	0915	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	6849	2-4	0920	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	6849	8-4	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	6849	8-4	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	6849	9-4	0915	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	6849	9-4	0920	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	6849	15-4	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	6849	15-4	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	6849	22-4	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	6849	22-4	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	6849	29-4	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	6849	29-4	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	7984	1-4	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	7984	1-4	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13873	2-4	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13873	2-4	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13873	7-4	0725	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13873	7-4	0730	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13873	9-4	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13873	9-4	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13873	14-4	0725	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13873	14-4	0730	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13873	16-4	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13873	16-4	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13873	21-4	0725	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13873	21-4	0730	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13873	23-4	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13873	23-4	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13873	28-4	0725	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13873	28-4	0730	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)



F03I	13873	30-4	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	30-4	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	1-4	1330	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	15915	1-4	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	15915	3-4	1330	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	3-4	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	8-4	1330	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	8-4	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	15-4	1330	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	15-4	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	17-4	1330	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	17-4	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	22-4	1330	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL/MPJ-POL)
F03I	15915	22-4	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL/MPJ-POL)
F03I	15915	24-4	1330	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	15915	24-4	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	15915	29-4	1330	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	29-4	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	1-4	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	1-4	0805	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	7-4	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	7-4	0805	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	8-4	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	8-4	0805	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	14-4	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	14-4	0805	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	15-4	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	15-4	0805	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	21-4	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	21-4	0805	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	22-4	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	22-4	0805	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	28-4	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	28-4	0805	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	29-4	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	29-4	0805	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F06	5426	7-4	0050	Tue	Russian diplo/intel. 11166 60070 36987 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL)
F06	5426	14-4	0050	Tue	Russian diplo/intel. 11166 60070 12589 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5426	21-4	0050	Tue	Russian diplo/intel. 11166 60070 14789 21075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

<b>F06</b>	5426	28-4	0050	Tue	Russian diplo/intel. 11166 60070 12397 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL)
<b>F06</b>	5471	6-4	0420	Mon	Russian diplo/intel. 11166 70059 71395 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	5471	20-4	0420	Mon	Russian diplo/intel. 11166 70059 97531 20021 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	6863	7-4	0040	Tue	Russian diplo/intel. 11166 60070 36987 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL)
<b>F06</b>	6863	14-4	0040	Tue	Russian diplo/intel. 11166 60070 12589 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	6863	21-4	0040	Tue	Russian diplo/intel. 11166 60070 14789 21075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	6863	28-4	0040	Tue	Russian diplo/intel. 11166 60070 12397 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	7556	6-4	0410	Mon	Russian diplo/intel. 11166 70059 71395 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	7556	20-4	0410	Mon	Russian diplo/intel. 11166 70059 97531 20021 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	8084	1-4	1220	Wed	Russian diplo/intel. Header: 11166 70202 28796 01041 02639	FSK 200/1000	(AB)
<b>F06</b>	8084	2-4	1220	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 95173 02042 01599 and 11166 70202 12386 02043 01939	FSK 200/1000	(AB)
<b>F06</b>	8084	6-4	1220	Mon	Russian diplo/intel. Header: 11166 70202 95147 06044 02559	FSK 200/1000	(AB/MPJ)
<b>F06</b>	8084	7-4	1220	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 13465 06045 01799 and 11166 70202 86421 06046 01839	FSK 200/1000	(AB)
<b>F06</b>	8084	8-4	1220	Wed	Russian diplo/intel. Header: 11166 70202 15648 08047 02199	FSK 200/1000	(AB)
<b>F06</b>	8084	9-4	1220	Thu	Russian diplo/intel. Headers: 11166 70202 29863 08048 01759 and 11166 70202 37621 08049 01879	FSK 200/1000	(AB/MPJ)
<b>F06</b>	8084	13-4	1220	Mon	Russian diplo/intel. Header: 11166 70202 39875 10050 02739	FSK 200/1000	(AB)
<b>F06</b>	8084	14-4	1220	Tue	Russian diplo/intel. Headers: 11166 70202 56823 13051 01779 and 11166 70202 98635 13052 01899	FSK 200/1000	(AB)
<b>F06</b>	8084	15-4	1220	Wed	Russian diplo/intel. Header: 11166 70202 79451 14053 02559	FSK 200/1000	(AB)
<b>F06</b>	8084	16-4	1220	Thu	Russian diplo/intel. Headers: 11166 70202 64123 16054 01799 and 11166 70202 84519 16055 01839	FSK 200/1000	(AB)
<b>F06</b>	8084	20-4	1220	Mon	Russian diplo/intel. Header: 11166 70202 59127 20056 02899	FSK 200/1000	(AB)
<b>F06</b>	8084	21-4	1220	Tue	Russian diplo/intel. Headers: 11166 70202 37649 20057 01859 and 11166 70202 82975 20058 01739	FSK 200/1000	(AB/MPJ)
<b>F06</b>	8084	22-4	1220	Wed	Russian diplo/intel. Header: 11166 70202 31564 22059 02919	FSK 200/1000	(AB)
<b>F06</b>	8084	23-4	1220	Thu	Russian diplo/intel. Headers: 11166 70202 56128 23060 02099 and 11166 70202 46128 23061 02259	FSK 200/1000	(AB/MPJ)
<b>F06</b>	8084	27-4	1220	Mon	Russian diplo/intel. Header: 11166 70202 85274 27062 02479	FSK 200/1000	(AB/MPJ)
<b>F06</b>	8084	28-4	1220	Tue	Russian diplo/intel. Headers: 11166 70202 64127 28063 01979 and 11166 70202 59234 28064 01859	FSK 200/1000	(AB/MPJ)
<b>F06</b>	8084	29-4	1220	Wed	Russian diplo/intel. Header: 11166 70202 27681 29065 02499	FSK 200/1000	(AB)
<b>F06</b>	8084	30-4	1220	Thu	Russian diplo/intel. Headers: 11166 70202 57841 30066 01999 and 11166 70202 59845 30067 01919	FSK 200/1000	(AB/MPJ)
<b>F06</b>	8189	1-4	0720	Wed	Russian diplo/intel. Header: 11166 70202 28796 01041 02639	FSK 200/1000	(AB)
<b>F06</b>	8189	2-4	0720	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 95173 02042 01599 and 11166 70202 12386 02043 01939	FSK 200/1000	(AB)



<b>F06</b>	8189	3-4	0720	Fri	Russian diplo/intel. 11166 70202 95637 03014 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	8189	6-4	0720	Mon	Russian diplo/intel. Header: 11166 70202 95147 06044 02559	FSK 200/1000	(AB)
<b>F06</b>	8189	7-4	0720	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 13465 06045 01799 and 11166 70202 86421 06046 01839	FSK 200/1000	(AB)
<b>F06</b>	8189	8-4	0720	Wed	Russian diplo/intel. Header: 11166 70202 15648 08047 02199	FSK 200/1000	(AB)
<b>F06</b>	8189	9-4	0720	Thu	Russian diplo/intel. Headers: 11166 70202 29863 08048 01759 and 11166 70202 37621 08049 01879	FSK 200/1000	(AB)
<b>F06</b>	8189	10-4	0720	Fri	Russian diplo/intel. 11166 70202 15637 10007 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	8189	13-4	0720	Mon	Russian diplo/intel. Header: 11166 70202 39875 10050 02739	FSK 200/1000	(AB)
<b>F06</b>	8189	14-4	0720	Tue	Russian diplo/intel. Headers: 11166 70202 56823 13051 01779 and 11166 70202 98635 13052 01899	FSK 200/1000	(AB)
<b>F06</b>	8189	15-4	0720	Wed	Russian diplo/intel. Header: 11166 70202 79451 14053 02559	FSK 200/1000	(AB)
<b>F06</b>	8189	16-4	0720	Thu	Russian diplo/intel. Headers: 11166 70202 64123 16054 01799 and 11166 70202 84519 16055 01839	FSK 200/1000	(AB)
<b>F06</b>	8189	17-4	0720	Fri	Russian diplo/intel. 11166 70202 39614 17009 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	8189	20-4	0720	Mon	Russian diplo/intel. Header: 11166 70202 59127 20056 02899	FSK 200/1000	(AB)
<b>F06</b>	8189	21-4	0720	Tue	Russian diplo/intel. Headers: 11166 70202 37649 20057 01859 and 11166 70202 82975 20058 01739	FSK 200/1000	(AB)
<b>F06</b>	8189	22-4	0720	Wed	Russian diplo/intel. Header: 11166 70202 31564 22059 02919	FSK 200/1000	(AB)
<b>F06</b>	8189	23-4	0720	Thu	Russian diplo/intel. Headers: 11166 70202 56128 23060 02099 and 11166 70202 46128 23061 02259	FSK 200/1000	(AB)
<b>F06</b>	8189	24-4	0720	Fri	Russian diplo/intel. 11166 70202 38462 24006 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	8189	27-4	0720	Mon	Russian diplo/intel. Header: 11166 70202 85274 27062 02479	FSK 200/1000	(AB)
<b>F06</b>	8189	28-4	0720	Tue	Russian diplo/intel. Headers: 11166 70202 64127 28063 01979 and 11166 70202 59234 28064 01859	FSK 200/1000	(AB)
<b>F06</b>	8189	29-4	0720	Wed	Russian diplo/intel. Header: 11166 70202 27681 29065 02499	FSK 200/1000	(AB)
<b>F06</b>	8189	30-4	0720	Thu	Russian diplo/intel. Headers: 11166 70202 57841 30066 01999 and 11166 70202 59845 30067 01919	FSK 200/1000	(AB)
<b>F06</b>	9455	7-4	0030	Tue	Russian diplo/intel. 11166 60070 36987 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL)
<b>F06</b>	9455	14-4	0030	Tue	Russian diplo/intel. 11166 60070 12589 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	9455	21-4	0030	Tue	Russian diplo/intel. 11166 60070 14789 21075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	9455	28-4	0030	Tue	Russian diplo/intel. 11166 60070 12397 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL)
<b>F06</b>	9473	6-4	0400	Mon	Russian diplo/intel. 11166 70059 71395 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	9473	20-4	0400	Mon	Russian diplo/intel. 11166 70059 97531 20021 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	9615	2-4	0820	Thu	Russian diplo/intel. 11166 70048 25896 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	9615	9-4	0820	Thu	Russian diplo/intel. 11166 70048 14569 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	9615	16-4	0820	Thu	Russian diplo/intel. 11166 70048 17935 16163 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	9615	23-4	0820	Thu	Russian diplo/intel. 11166 70048 12347 23001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	9615	30-4	0820	Thu	Russian diplo/intel. 11166 70048 74123 30001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

<b>F06</b>	10185	2-4	0810	Thu	Russian diplo/intel. 11166 70048 25896 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	10185	9-4	0810	Thu	Russian diplo/intel. 11166 70048 14569 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	10185	16-4	0810	Thu	Russian diplo/intel. 11166 70048 17935 16163 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	10185	23-4	0810	Thu	Russian diplo/intel. 11166 70048 12347 23001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	10185	30-4	0810	Thu	Russian diplo/intel. 11166 70048 74123 30001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	10388	1-4	1210	Wed	Russian diplo/intel. Header: 11166 70202 28796 01041 02639	FSK 200/1000	(AB)
<b>F06</b>	10388	2-4	1210	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 95173 02042 01599 and 11166 70202 12386 02043 01939	FSK 200/1000	(AB)
<b>F06</b>	10388	6-4	1210	Mon	Russian diplo/intel. Header: 11166 70202 95147 06044 02559	FSK 200/1000	(AB/MPJ)
<b>F06</b>	10388	7-4	1210	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 13465 06045 01799 and 11166 70202 86421 06046 01839	FSK 200/1000	(AB)
<b>F06</b>	10388	8-4	1210	Wed	Russian diplo/intel. Header: 11166 70202 15648 08047 02199	FSK 200/1000	(AB)
<b>F06</b>	10388	9-4	1210	Thu	Russian diplo/intel. Headers: 11166 70202 29863 08048 01759 and 11166 70202 37621 08049 01879	FSK 200/1000	(AB/MPJ)
<b>F06</b>	10388	13-4	1210	Mon	Russian diplo/intel. Header: 11166 70202 39875 10050 02739	FSK 200/1000	(AB)
<b>F06</b>	10388	14-4	1210	Tue	Russian diplo/intel. Headers: 11166 70202 56823 13051 01779 and 11166 70202 98635 13052 01899	FSK 200/1000	(AB)
<b>F06</b>	10388	15-4	1210	Wed	Russian diplo/intel. Header: 11166 70202 79451 14053 02559	FSK 200/1000	(AB)
<b>F06</b>	10388	16-4	1210	Thu	Russian diplo/intel. Headers: 11166 70202 64123 16054 01799 and 11166 70202 84519 16055 01839	FSK 200/1000	(AB)
<b>F06</b>	10388	20-4	1210	Mon	Russian diplo/intel. Header: 11166 70202 59127 20056 02899	FSK 200/1000	(AB)
<b>F06</b>	10388	21-4	1210	Tue	Russian diplo/intel. Headers: 11166 70202 37649 20057 01859 and 11166 70202 82975 20058 01739	FSK 200/1000	(AB/MPJ)
<b>F06</b>	10388	22-4	1210	Wed	Russian diplo/intel. Header: 11166 70202 31564 22059 02919	FSK 200/1000	(AB)
<b>F06</b>	10388	23-4	1210	Thu	Russian diplo/intel. Headers: 11166 70202 56128 23060 02099 and 11166 70202 46128 23061 02259	FSK 200/1000	(AB/MPJ)
<b>F06</b>	10388	27-4	1210	Mon	Russian diplo/intel. Header: 11166 70202 85274 27062 02479	FSK 200/1000	(AB/MPJ)
<b>F06</b>	10388	28-4	1210	Tue	Russian diplo/intel. Headers: 11166 70202 64127 28063 01979 and 11166 70202 59234 28064 01859	FSK 200/1000	(AB/MPJ)
<b>F06</b>	10388	29-4	1210	Wed	Russian diplo/intel. Header: 11166 70202 27681 29065 02499	FSK 200/1000	(AB)
<b>F06</b>	10388	30-4	1210	Thu	Russian diplo/intel. Headers: 11166 70202 57841 30066 01999 and 11166 70202 59845 30067 01919	FSK 200/1000	(AB/MPJ)
<b>F06</b>	11054	1-4	0710	Wed	Russian diplo/intel. Header: 11166 70202 28796 01041 02639	FSK 200/1000	(AB)
<b>F06</b>	11054	2-4	0710	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 95173 02042 01599 and 11166 70202 12386 02043 01939	FSK 200/1000	(AB)
<b>F06</b>	11054	3-4	0710	Fri	Russian diplo/intel. 11166 70202 95637 03014 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	11054	6-4	0710	Mon	Russian diplo/intel. Header: 11166 70202 95147 06044 02559	FSK 200/1000	(AB)
<b>F06</b>	11054	7-4	0710	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 13465 06045 01799 and 11166 70202 86421 06046 01839	FSK 200/1000	(AB)

F06	11054	8-4	0710	Wed	Russian diplo/intel. Header: 11166 70202 15648 08047 02199	FSK 200/1000	(AB)
F06	11054	9-4	0710	Thu	Russian diplo/intel. Headers: 11166 70202 29863 08048 01759 and 11166 70202 37621 08049 01879	FSK 200/1000	(AB)
F06	11054	10-4	0710	Fri	Russian diplo/intel. 11166 70202 15637 10007 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11054	13-4	0710	Mon	Russian diplo/intel. Header: 11166 70202 39875 10050 02739	FSK 200/1000	(AB)
F06	11054	14-4	0710	Tue	Russian diplo/intel. Headers: 11166 70202 56823 13051 01779 and 11166 70202 98635 13052 01899	FSK 200/1000	(AB)
F06	11054	15-4	0710	Wed	Russian diplo/intel. Header: 11166 70202 79451 14053 02559	FSK 200/1000	(AB)
F06	11054	16-4	0710	Thu	Russian diplo/intel. Headers: 11166 70202 64123 16054 01799 and 11166 70202 84519 16055 01839	FSK 200/1000	(AB)
F06	11054	17-4	0710	Fri	Russian diplo/intel. 11166 70202 39614 17009 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11054	20-4	0710	Mon	Russian diplo/intel. Header: 11166 70202 59127 20056 02899	FSK 200/1000	(AB)
F06	11054	21-4	0710	Tue	Russian diplo/intel. Headers: 11166 70202 37649 20057 01859 and 11166 70202 82975 20058 01739	FSK 200/1000	(AB)
F06	11054	22-4	0710	Wed	Russian diplo/intel. Header: 11166 70202 31564 22059 02919	FSK 200/1000	(AB)
F06	11054	23-4	0710	Thu	Russian diplo/intel. Headers: 11166 70202 56128 23060 02099 and 11166 70202 46128 23061 02259	FSK 200/1000	(AB)
F06	11054	24-4	0710	Fri	Russian diplo/intel. 11166 70202 38462 24006 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11054	27-4	0710	Mon	Russian diplo/intel. Header: 11166 70202 85274 27062 02479	FSK 200/1000	(AB)
F06	11054	28-4	0710	Tue	Russian diplo/intel. Headers: 11166 70202 64127 28063 01979 and 11166 70202 59234 28064 01859	FSK 200/1000	(AB)
F06	11054	29-4	0710	Wed	Russian diplo/intel. Header: 11166 70202 27681 29065 02499	FSK 200/1000	(AB)
F06	11054	30-4	0710	Thu	Russian diplo/intel. Headers: 11166 70202 57841 30066 01999 and 11166 70202 59845 30067 01919	FSK 200/1000	(AB)
F06	11483	2-4	1350	Thu	Russian diplo/intel. 11166 80214 85964 02061 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11483	9-4	1350	Thu	Russian diplo/intel. 11166 80214 59716 09027 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11483	16-4	1350	Thu	Russian diplo/intel. 11166 80214 14785 16035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11483	23-4	1350	Thu	Russian diplo/intel. 11166 80214 14785 23035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11483	30-4	1350	Thu	Russian diplo/intel. 11166 80214 58469 30036 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11484	2-4	0800	Thu	Russian diplo/intel. 11166 70048 25896 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11484	9-4	0800	Thu	Russian diplo/intel. 11166 70048 14569 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11484	16-4	0800	Thu	Russian diplo/intel. 11166 70048 17935 16163 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11484	23-4	0800	Thu	Russian diplo/intel. 11166 70048 12347 23001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11484	30-4	0800	Thu	Russian diplo/intel. 11166 70048 74123 30001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12146	1-4	1200	Wed	Russian diplo/intel. Header: 11166 70202 28796 01041 02639	FSK 200/1000	(AB)
F06	12146	2-4	1200	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 95173 02042 01599 and 11166 70202 12386 02043 01939	FSK 200/1000	(AB)
F06	12146	6-4	1200	Mon	Russian diplo/intel. Header: 11166 70202 95147 06044 02559	FSK 200/1000	(AB/MPJ)

F06	12146	7-4	1200	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 13465 06045 01799 and 11166 70202 86421 06046 01839	FSK 200/1000	(AB)
F06	12146	8-4	1200	Wed	Russian diplo/intel. Header: 11166 70202 15648 08047 02199	FSK 200/1000	(AB)
F06	12146	9-4	1200	Thu	Russian diplo/intel. Headers: 11166 70202 29863 08048 01759 and 11166 70202 37621 08049 01879	FSK 200/1000	(AB/MPJ)
F06	12146	13-4	1200	Mon	Russian diplo/intel. Header: 11166 70202 39875 10050 02739	FSK 200/1000	(AB)
F06	12146	14-4	1200	Tue	Russian diplo/intel. Headers: 11166 70202 56823 13051 01779 and 11166 70202 98635 13052 01899	FSK 200/1000	(AB)
F06	12146	15-4	1200	Wed	Russian diplo/intel. Header: 11166 70202 79451 14053 02559	FSK 200/1000	(AB)
F06	12146	16-4	1200	Thu	Russian diplo/intel. Headers: 11166 70202 64123 16054 01799 and 11166 70202 84519 16055 01839	FSK 200/1000	(AB)
F06	12146	20-4	1200	Mon	Russian diplo/intel. Header: 11166 70202 59127 20056 02899	FSK 200/1000	(AB)
F06	12146	21-4	1200	Tue	Russian diplo/intel. Headers: 11166 70202 37649 20057 01859 and 11166 70202 82975 20058 01739	FSK 200/1000	(AB/MPJ)
F06	12146	22-4	1200	Wed	Russian diplo/intel. Header: 11166 70202 31564 22059 02919	FSK 200/1000	(AB)
F06	12146	23-4	1200	Thu	Russian diplo/intel. Headers: 11166 70202 56128 23060 02099 and 11166 70202 46128 23061 02259	FSK 200/1000	(AB/MPJ)
F06	12146	27-4	1200	Mon	Russian diplo/intel. Header: 11166 70202 85274 27062 02479	FSK 200/1000	(AB/MPJ)
F06	12146	28-4	1200	Tue	Russian diplo/intel. Headers: 11166 70202 64127 28063 01979 and 11166 70202 59234 28064 01859	FSK 200/1000	(AB/MPJ)
F06	12146	29-4	1200	Wed	Russian diplo/intel. Header: 11166 70202 27681 29065 02499	FSK 200/1000	(AB)
F06	12146	30-4	1200	Thu	Russian diplo/intel. Headers: 11166 70202 57841 30066 01999 and 11166 70202 59845 30067 01919	FSK 200/1000	(AB/MPJ)
F06	12172	1-4	0620	Wed	Russian diplo/intel. Header: 11166 40122 96328 28080 03649	FSK 200/1000	(AB-J)
F06	12172	8-4	0620	Wed	Russian diplo/intel. Headers: 11166 40122 78963 04081 03029 and 11166 40122 36987 04082 02909	FSK 200/1000	(AB-J)
F06	12172	9-4	0620	Thu	Russian diplo/intel. Headers: 11166 40122 78963 04081 03029 and 11166 40122 36987 04082 02909	FSK 200/1000	(AB-J)
F06	12172	15-4	0620	Wed	Russian diplo/intel. 11166 40122 65872 15069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	12172	22-4	0620	Wed	Russian diplo/intel. Header: 11166 40122 65742 18083 04149	FSK 200/1000	(AB-J)
F06	12172	23-4	0620	Thu	Russian diplo/intel. Header: 11166 40122 65742 18083 04149	FSK 200/1000	(AB-J)
F06	12172	29-4	0620	Wed	Russian diplo/intel. Headers: 11166 40122 63987 25084 03029 and 11166 40122 69871 25085 02929	FSK 200/1000	(AB-J)
F06	12172	30-4	0620	Thu	Russian diplo/intel. Headers: 11166 40122 63987 25084 03029 and 11166 40122 69871 25085 02929	FSK 200/1000	(AB-J)
F06	12226	8-4	0820	Wed	Russian diplo/intel. Header: 11166 00052 64782 08058 02429	FSK 200/1000	(AB-RUS)
F06	12226	9-4	0820	Thu	Russian diplo/intel. Header: 11166 00052 64782 08058 02429	FSK 200/1000	(AB-RUS)
F06	12226	22-4	0820	Wed	Russian diplo/intel. Header: 11166 00052 56784 22059 01569	FSK 200/1000	(AB-RUS)
F06	12226	23-4	0820	Thu	Russian diplo/intel. Header: 11166 00052 56784 22059 01569	FSK 200/1000	(AB-RUS)

<b>F06</b>	13378	7-4	1710	Tue	Russian diplo/intel. 11166 10053 12356 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	13378	14-4	1710	Tue	Russian diplo/intel. 11166 10053 48672 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	13378	21-4	1710	Tue	Russian diplo/intel. 11166 07601 74102 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	13378	28-4	1710	Tue	Russian diplo/intel. 11166 10053 17935 28163 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	13427	1-4	0700	Wed	Russian diplo/intel. Header: 11166 70202 28796 01041 02639	FSK 200/1000	(AB)
<b>F06</b>	13427	2-4	0700	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 95173 02042 01599 and 11166 70202 12386 02043 01939	FSK 200/1000	(AB-POL)
<b>F06</b>	13427	3-4	0700	Fri	Russian diplo/intel. 11166 70202 95637 03014 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	13427	6-4	0700	Mon	Russian diplo/intel. Header: 11166 70202 95147 06044 02559	FSK 200/1000	(AB)
<b>F06</b>	13427	7-4	0700	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 13465 06045 01799 and 11166 70202 86421 06046 01839	FSK 200/1000	(AB-POL)
<b>F06</b>	13427	8-4	0700	Wed	Russian diplo/intel. Header: 11166 70202 15648 08047 02199	FSK 200/1000	(AB)
<b>F06</b>	13427	9-4	0700	Thu	Russian diplo/intel. Headers: 11166 70202 29863 08048 01759 and 11166 70202 37621 08049 01879	FSK 200/1000	(AB-POL)
<b>F06</b>	13427	10-4	0700	Fri	Russian diplo/intel. 11166 70202 15637 10007 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	13427	13-4	0700	Mon	Russian diplo/intel. Header: 11166 70202 39875 10050 02739	FSK 200/1000	(AB)
<b>F06</b>	13427	14-4	0700	Tue	Russian diplo/intel. Headers: 11166 70202 56823 13051 01779 and 11166 70202 98635 13052 01899	FSK 200/1000	(AB)
<b>F06</b>	13427	15-4	0700	Wed	Russian diplo/intel. Header: 11166 70202 79451 14053 02559	FSK 200/1000	(AB)
<b>F06</b>	13427	16-4	0700	Thu	Russian diplo/intel. Headers: 11166 70202 64123 16054 01799 and 11166 70202 84519 16055 01839	FSK 200/1000	(AB)
<b>F06</b>	13427	17-4	0700	Fri	Russian diplo/intel. 11166 70202 39614 17009 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	13427	20-4	0700	Mon	Russian diplo/intel. Header: 11166 70202 59127 20056 02899	FSK 200/1000	(AB)
<b>F06</b>	13427	21-4	0700	Tue	Russian diplo/intel. Headers: 11166 70202 37649 20057 01859 and 11166 70202 82975 20058 01739	FSK 200/1000	(AB)
<b>F06</b>	13427	22-4	0700	Wed	Russian diplo/intel. Header: 11166 70202 31564 22059 02919	FSK 200/1000	(AB)
<b>F06</b>	13427	23-4	0700	Thu	Russian diplo/intel. Headers: 11166 70202 56128 23060 02099 and 11166 70202 46128 23061 02259	FSK 200/1000	(AB)
<b>F06</b>	13427	24-4	0700	Fri	Russian diplo/intel. 11166 70202 38462 24006 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	13427	27-4	0700	Mon	Russian diplo/intel. Header: 11166 70202 85274 27062 02479	FSK 200/1000	(AB)
<b>F06</b>	13427	28-4	0700	Tue	Russian diplo/intel. Headers: 11166 70202 64127 28063 01979 and 11166 70202 59234 28064 01859	FSK 200/1000	(AB)
<b>F06</b>	13427	29-4	0700	Wed	Russian diplo/intel. Header: 11166 70202 27681 29065 02499	FSK 200/1000	(AB)
<b>F06</b>	13427	30-4	0700	Thu	Russian diplo/intel. Headers: 11166 70202 57841 30066 01999 and 11166 70202 59845 30067 01919	FSK 200/1000	(AB)
<b>F06</b>	13458	5-4	1550	Sun	Russian diplo/intel. 11166 10053 13579 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
<b>F06</b>	13458	12-4	1550	Sun	Russian diplo/intel. 11166 10053 14789 12067 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
<b>F06</b>	13458	19-4	1550	Sun	Russian diplo/intel. 11166 10053 13579 19067 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
<b>F06</b>	13458	26-4	1550	Sun	Russian diplo/intel. 11166 10053 23698 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

<b>F06</b>	14363	8-4	0810	Wed	Russian diplo/intel. Header: 11166 00052 64782 08058 02429	FSK 200/1000	(AB-RUS)
<b>F06</b>	14363	9-4	0810	Thu	Russian diplo/intel. Header: 11166 00052 64782 08058 02429	FSK 200/1000	(AB-RUS)
<b>F06</b>	14363	22-4	0810	Wed	Russian diplo/intel. Header: 11166 00052 56784 22059 01569	FSK 200/1000	(AB-RUS)
<b>F06</b>	14363	23-4	0810	Thu	Russian diplo/intel. Header: 11166 00052 56784 22059 01569	FSK 200/1000	(AB-RUS)
<b>F06</b>	14367	2-4	1340	Thu	Russian diplo/intel. 11166 80214 85964 02061 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	14367	9-4	1340	Thu	Russian diplo/intel. 11166 80214 59716 09027 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	14367	16-4	1340	Thu	Russian diplo/intel. 11166 80214 14785 16035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	14367	23-4	1340	Thu	Russian diplo/intel. 11166 80214 14785 23035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	14367	30-4	1340	Thu	Russian diplo/intel. 11166 80214 58469 30036 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	14724	1-4	0610	Wed	Russian diplo/intel. Header: 11166 40122 96328 28080 03649	FSK 200/1000	(AB-J)
<b>F06</b>	14724	8-4	0610	Wed	Russian diplo/intel. Headers: 11166 40122 78963 04081 03029 and 11166 40122 36987 04082 02909	FSK 200/1000	(AB-J)
<b>F06</b>	14724	9-4	0610	Thu	Russian diplo/intel. Headers: 11166 40122 78963 04081 03029 and 11166 40122 36987 04082 02909	FSK 200/1000	(AB-J)
<b>F06</b>	14724	15-4	0610	Wed	Russian diplo/intel. 11166 40122 65872 15069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
<b>F06</b>	14724	22-4	0610	Wed	Russian diplo/intel. Header: 11166 40122 65742 18083 04149	FSK 200/1000	(AB-J)
<b>F06</b>	14724	23-4	0610	Thu	Russian diplo/intel. Header: 11166 40122 65742 18083 04149	FSK 200/1000	(AB-J)
<b>F06</b>	14724	29-4	0610	Wed	Russian diplo/intel. Headers: 11166 40122 63987 25084 03029 and 11166 40122 69871 25085 02929	FSK 200/1000	(AB-J)
<b>F06</b>	14724	30-4	0610	Thu	Russian diplo/intel. Headers: 11166 40122 63987 25084 03029 and 11166 40122 69871 25085 02929	FSK 200/1000	(AB-J)
<b>F06</b>	16209	8-4	0800	Wed	Russian diplo/intel. Header: 11166 00052 64782 08058 02429	FSK 200/1000	(AB-RUS)
<b>F06</b>	16209	9-4	0800	Thu	Russian diplo/intel. Header: 11166 00052 64782 08058 02429	FSK 200/1000	(AB-RUS)
<b>F06</b>	16209	22-4	0800	Wed	Russian diplo/intel. Header: 11166 00052 56784 22059 01569	FSK 200/1000	(AB-RUS)
<b>F06</b>	16209	23-4	0800	Thu	Russian diplo/intel. Header: 11166 00052 56784 22059 01569	FSK 200/1000	(AB-RUS)
<b>F06</b>	16238	7-4	1700	Tue	Russian diplo/intel. 11166 10053 12356 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	16238	14-4	1700	Tue	Russian diplo/intel. 11166 10053 48672 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	16238	21-4	1700	Tue	Russian diplo/intel. 11166 07601 74102 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	16238	28-4	1700	Tue	Russian diplo/intel. 11166 10053 17935 28163 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	16325	1-4	0600	Wed	Russian diplo/intel. Header: 11166 40122 96328 28080 03649	FSK 200/1000	(AB-J)
<b>F06</b>	16325	5-4	1540	Sun	Russian diplo/intel. 11166 10053 13579 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
<b>F06</b>	16325	8-4	0600	Wed	Russian diplo/intel. Headers: 11166 40122 78963 04081 03029 and 11166 40122 36987 04082 02909	FSK 200/1000	(AB-J)
<b>F06</b>	16325	9-4	0600	Thu	Russian diplo/intel. Headers: 11166 40122 78963 04081 03029 and 11166 40122 36987 04082 02909	FSK 200/1000	(AB-J)
<b>F06</b>	16325	12-4	1540	Sun	Russian diplo/intel. 11166 10053 14789 12067 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
<b>F06</b>	16325	15-4	0600	Wed	Russian diplo/intel. 11166 40122 65872 15069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
<b>F06</b>	16325	19-4	1540	Sun	Russian diplo/intel. 11166 10053 13579 19067 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
<b>F06</b>	16325	22-4	0600	Wed	Russian diplo/intel. Header: 11166 40122 65742 18083 04149	FSK 200/1000	(AB-J)



<b>F06</b>	16325	23-4	0600	Thu	Russian diplo/intel. Header: 11166 40122 65742 18083 04149	FSK 200/1000	(AB-J)
<b>F06</b>	16325	26-4	1540	Sun	Russian diplo/intel. 11166 10053 23698 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	16325	29-4	0600	Wed	Russian diplo/intel. Headers: 11166 40122 63987 25084 03029 and 11166 40122 69871 25085 02929	FSK 200/1000	(AB-J)
<b>F06</b>	16325	30-4	0600	Thu	Russian diplo/intel. Headers: 11166 40122 63987 25084 03029 and 11166 40122 69871 25085 02929	FSK 200/1000	(AB-J)
<b>F06</b>	16351	2-4	1330	Thu	Russian diplo/intel. 11166 80214 85964 02061 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	16351	9-4	1330	Thu	Russian diplo/intel. 11166 80214 59716 09027 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	16351	16-4	1330	Thu	Russian diplo/intel. 11166 80214 14785 16035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	16351	23-4	1330	Thu	Russian diplo/intel. 11166 80214 14785 23035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	16351	30-4	1330	Thu	Russian diplo/intel. 11166 80214 58469 30036 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	18626	5-4	1530	Sun	Russian diplo/intel. 11166 10053 13579 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
<b>F06</b>	18626	12-4	1530	Sun	Russian diplo/intel. 11166 10053 14789 12067 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
<b>F06</b>	18626	19-4	1530	Sun	Russian diplo/intel. 11166 10053 13579 19067 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
<b>F06</b>	18626	26-4	1530	Sun	Russian diplo/intel. 11166 10053 23698 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
<b>F06</b>	18726	7-4	1650	Tue	Russian diplo/intel. 11166 10053 12356 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
<b>F06</b>	18726	14-4	1650	Tue	Russian diplo/intel. 11166 10053 48672 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
<b>F06</b>	18726	21-4	1650	Tue	Russian diplo/intel. 11166 07601 74102 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
<b>F06</b>	18726	28-4	1650	Tue	Russian diplo/intel. 11166 10053 17935 28163 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
<b>F06a</b>	5350	3-4	0430	Fri	Russian diplo/intel. File 44415 (5390 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	5350	9-4	0430	Thu	Russian diplo/intel. File 44416 (928 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	5350	10-4	0430	Fri	Russian diplo/intel. File 44416 (928 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	5350	16-4	0430	Thu	Russian diplo/intel. Files 44417 (1712 bytes) and 4418 (1552 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	5350	17-4	0430	Fri	Russian diplo/intel. Files 44417 (1712 bytes) and 4418 (1552 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	5350	23-4	0430	Thu	Russian diplo/intel. File 44419 (1328 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	5350	24-4	0430	Fri	Russian diplo/intel. File 44419 (1328 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	5350	30-4	0430	Thu	Russian diplo/intel. File 44420 (1991 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	6823	3-4	0415	Fri	Russian diplo/intel. File 44415 (5390 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	6823	9-4	0415	Thu	Russian diplo/intel. File 44416 (928 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	6823	10-4	0415	Fri	Russian diplo/intel. File 44416 (928 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	6823	16-4	0415	Thu	Russian diplo/intel. Files 44417 (1712 bytes) and 4418 (1552 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	6823	17-4	0415	Fri	Russian diplo/intel. Files 44417 (1712 bytes) and 4418 (1552 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	6823	23-4	0415	Thu	Russian diplo/intel. File 44419 (1328 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	6823	24-4	0415	Fri	Russian diplo/intel. File 44419 (1328 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	6823	30-4	0415	Thu	Russian diplo/intel. File 44420 (1991 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	7425	3-4	0400	Fri	Russian diplo/intel. File 44415 (5390 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	7425	9-4	0400	Thu	Russian diplo/intel. File 44416 (928 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	7425	10-4	0400	Fri	Russian diplo/intel. File 44416 (928 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	7425	16-4	0400	Thu	Russian diplo/intel. Files 44417 (1712 bytes) and 4418 (1552 bytes)	FSK 200/1000	(AB)

<b>F06a</b>	7425	17-4	0400	Fri	Russian diplo/intel. Files 44417 (1712 bytes) and 4418 (1552 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	7425	23-4	0400	Thu	Russian diplo/intel. File 44419 (1328 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	7425	24-4	0400	Fri	Russian diplo/intel. File 44419 (1328 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	7425	30-4	0400	Thu	Russian diplo/intel. File 44420 (1991 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	14984	4-4	2130	Sat	Russian diplo/intel. File 04410 (784 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	14984	5-4	2130	Sun	Russian diplo/intel. File 04410 (784 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	14984	11-4	2130	Sat	Russian diplo/intel. File 04411 (800 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	14984	12-4	2130	Sun	Russian diplo/intel. File 04411 (800 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	14984	18-4	2130	Sat	Russian diplo/intel. File 04412 (1024 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	14984	19-4	2130	Sun	Russian diplo/intel. File 04412 (1024 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	14984	25-4	2130	Sat	Russian diplo/intel. File 04413 (898 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	14984	26-4	2130	Sun	Russian diplo/intel. File 04413 (898 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	16286	4-4	2115	Sat	Russian diplo/intel. File 04410 (784 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	16286	5-4	2115	Sun	Russian diplo/intel. File 04410 (784 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	16286	11-4	2115	Sat	Russian diplo/intel. File 04411 (800 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	16286	12-4	2115	Sun	Russian diplo/intel. File 04411 (800 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	16286	18-4	2115	Sat	Russian diplo/intel. File 04412 (1024 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	16286	19-4	2115	Sun	Russian diplo/intel. File 04412 (1024 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	16286	25-4	2115	Sat	Russian diplo/intel. File 04413 (898 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	16286	26-4	2115	Sun	Russian diplo/intel. File 04413 (898 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	19417	4-4	2100	Sat	Russian diplo/intel. File 04410 (784 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	19417	5-4	2100	Sun	Russian diplo/intel. File 04410 (784 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	19417	11-4	2100	Sat	Russian diplo/intel. File 04411 (800 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	19417	12-4	2100	Sun	Russian diplo/intel. File 04411 (800 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	19417	18-4	2100	Sat	Russian diplo/intel. File 04412 (1024 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	19417	19-4	2100	Sun	Russian diplo/intel. File 04412 (1024 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	19417	25-4	2100	Sat	Russian diplo/intel. File 04413 (898 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	19417	26-4	2100	Sun	Russian diplo/intel. File 04413 (898 bytes)	FSK 200/1000	(AB-RUS)
<b>G06</b>	5442	10-4	1930	Fri	947 902 45 12435 76426 05698 ... 12346 73416 32442 902 45 00000 Windows XP shutdown sound	USB	(AB)
<b>G06</b>	5442	24-4	1930	Fri	947 902 45 12435 76426 05698 ... 12346 73416 32442 902 45 00000 Windows XP shutdown sound	USB	(AB/MPJ)
<b>G06</b>	5934	9-4	1830	Thu	579 902 45 12435 76426 05698 ... 12346 73416 32442 902 45 00000 Windows XP shutdown sound	USB	(AB)
<b>G06</b>	5937	23-4	1830	Thu	579 902 45 12435 76426 05698 ... 12346 73416 32442 902 45 00000 Windows XP shutdown sound	USB	(AB/MPJ)
<b>HM01</b>	9065	5-4	0800	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	HM01	(AB-B)
<b>HM01</b>	9065	6-4	0800	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
<b>HM01</b>	9065	12-4	0800	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
<b>HM01</b>	9065	22-4	0800	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
<b>HM01</b>	9065	29-4	0800	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
<b>HM01</b>	9155	3-4	0900	Fri	01441 68532 35731 30038 48409 70208	AM/RDFT	(AB/RL)
<b>HM01</b>	9155	5-4	1000	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	HM01	(AB)



HM01	9155	6-4	1000	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9155	12-4	1000	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9155	26-4	1000	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9240	3-4	0900	Fri	01441 68532 35731 30038 48409 70208 Files: 17550144.TXT 50026853.F1C 14623573.TXT 43453003.TXT 13804840.TXT	AM/RDFT	(AB/RL)
HM01	9240	5-4	0900	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	HM01	(AB)
HM01	9240	6-4	0800	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9240	15-4	0900	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9240	22-4	0900	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9240	26-4	0900	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	6-4	0700	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	26-4	0700	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	10715	1-4	2200	Wed	66012 17241 10803 16171 10125 67090	AM/RDFT	(AB)
HM01	10715	5-4	2200	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(Dan)
HM01	10715	6-4	2200	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10715	8-4	2200	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10715	10-4	2200	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10715	12-4	2200	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL/Dan)
HM01	10715	15-4	2200	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL/Dan)
HM01	10715	17-4	2200	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10715	22-4	2200	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10715	24-4	2200	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10715	26-4	2200	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10715	27-4	2200	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11435	2-4	1600	Thu	66012 17241 10803 16171 10125 67090 (repeat of 1 April)	AM/RDFT	(RR2)
HM01	11435	3-4	1600	Fri	01441 68532 35731 30038 48409 70208	AM/RDFT	(RR2)
HM01	11435	3-4	1600	Fri	01441 68532 35731 30038 48409 70208	AM/RDFT	(AB-USA/RR2)
HM01	11435	4-4	1600	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	5-4	1600	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	6-4	1630	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	7-4	1600	Tue	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	8-4	1600	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB-USA/RR2)
HM01	11435	9-4	1630	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	10-4	1630	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	11-4	1630	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	12-4	1600	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	13-4	1600	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	14-4	1600	Tue	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	15-4	1600	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)

HM01	11435	16-4	1630	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	17-4	1600	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	18-4	1600	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	20-4	1600	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	21-4	1600	Tue	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	22-4	1600	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	23-4	1630	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	24-4	1600	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	25-4	1600	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	26-4	1600	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	27-4	1600	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	28-4	1600	Tue	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	29-4	1600	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	30-4	1630	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11462	2-4	0537	Thu	66012 17241 10803 16171 10125 67090 (repeat of 1 April) 50416601.F1C 20511724.TXT 46251080.TXT 01041617.TXT 74	AM/RDFT	(AB-USA)
HM01	11530	1-4	1700	Wed	66012 17241 10803 16171 10125 67090	AM/RDFT	(RR2)
HM01	11530	7-4	1700	Tue	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB-USA)
HM01	11530	19-4	1700	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11635	1-4	2100	Wed	66012 17241 10803 16171 10125 67090	AM/RDFT	(AB)
HM01	11635	3-4	2100	Fri	01441 68532 35731 30038 48409 70208	AM/RDFT	(RL)
HM01	11635	3-4	2200	Fri	01441 68532 35731 30038 48409 70208	AM/RDFT	(RL)
HM01	11635	6-4	2100	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11635	8-4	2130	Wed	i.p. 01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11635	10-4	2100	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11635	11-4	2100	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(Dan)
HM01	11635	12-4	2100	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11635	13-4	2100	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11635	14-4	0800	Tue	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11635	15-4	2100	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11635	17-4	2100	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11635	21-4	0800	Tue	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11635	22-4	2100	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11635	22-4	2100	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11635	24-4	2100	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11635	26-4	2100	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11635	26-4	2118	Sun	i.p. 01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(BL)
HM01	11635	27-4	1812	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(HS)
HM01	11635	29-4	2100	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)

HM01	12180	2-4	1000	Thu	66012 17241 10803 16171 10125 67090 (repeat of 1 April)	AM/RDFT	(AB-USA)
HM01	16180	7-4	2100	Tue	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	16180	16-4	2108	Thu	i.p. 01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	17480	4-4	2200	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(Dan)
HM01	17480	7-4	2200	Tue	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	17480	11-4	2200	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	17480	14-4	2200	Tue	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(Dan)
HM01	17480	16-4	2200	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
M01	5020	2-4	2000	Thu	463 728 728 30 30 = = 75876 23109 36521 ... 6673 02743 84930 728 728 30 30 000	CW	(AB)
M01	5020	7-4	2000	Tue	463 115 115 30 30 = = 73882 53967 90754 ... 86927 49960 (79960) 85001 = = 115 115 30 30 000	CW	(AB)
M01	5020	14-4	2000	Tue	463 717 717 30 30 = = 05279 78354 10962 ... 72597 54041 71042 = = 717 717 30 30 000	CW	(AB)
M01	5020	16-4	2000	Thu	463 335 335 30 30 = = 16127 07299 82804 ... 52042 07885 45450 = = 335 335 30 30 000	CW	(AB)
M01	5020	21-4	2000	Tue	463 251 251 = 30 30 = = 64450 55779 76529 ... 15077 58343 55782 = = 251 251 30 30 000	CW	(AB)
M01	5020	23-4	2000	Thu	463 0 277 277 30 30 = 27387 71688 08406 ... 30229 09432 56169 = = 277 277 30 30 000 Errors	CW	(AB)
M01	5020	30-4	2006	Thu	i.p. 59752 04957 69300 ... 95280 02612 48053 = = 728 728 30 30 000	CW	(AB)
M01	5475	2-4	1800	Thu	463 715 715 30 30 = = 35467 85674 22094 ... 53627 74208 36286 715 715 30 30 000	CW	(AB/MPJ)
M01	5475	7-4	1800	Tue	463 377 377 30 30 = = 65608 (40608) 10414 37766 ... 43347 21462 31664 = = 377 377 30 30 000	CW	(AB/MPJ)
M01	5475	9-4	1800	Thu	463 249 249 = 30 30 = = 77242 31289 71392 ... 76061 91997 44048 = 249 249 = = 30 30 000	CW	(AB/MPJ)
M01	5475	14-4	1800	Tue	463 731 731 30 30 = = 95759 58495 42891 ... 18399 68667 35263 = = 731 731 30 30 000	CW	(AB/MPJ)
M01	5475	16-4	1800	Thu	463 320 320 30 30 = = 74620 50535 16005 ... 18291 04714 88042 = = 320 320 30 30 000	CW	(AB/MPJ)
M01	5475	21-4	1800	Tue	463 117 117 = 30 30 = = 78355 11621 35390 ... 22605 39692 72244 = = 117 117 30 30 000	CW	(AB/MPJ)
M01	5475	23-4	1800	Thu	463 365 365 30 30 = = 36635 20284 26212 ... 89798 63737 75635 = = 365 365 30 30 000	CW	(AB/MPJ)
M01	5475	28-4	1800	Tue	463 812 812 30 30 = = 40351 59395 70344 ... 87659 08212 33629 = = 812 812 30 30 000	CW	(AB/MPJ)
M01	5475	30-4	1800	Thu	463 711 711 30 30 = = 83473 41833 81972 ... 38009 06252 88260 = = 7.. 711 711 30 30 000	CW	(AB/MPJ)
M01	6260	4-4	1600	Sat	27245 58550 06487 ... pause 408 463 408 30 30 = = 17245 58560 06487 ... 38362 57742 10370 408 408 30 30 000	CW	(AB)
M01	6260	11-4	1500	Sat	463 374 374 30 30 = = 58560 36844 98682 ... 50695 40395 22517 = = 374 374 30 30 000 Sent only 20 groups vs the	CW	(AB)
M01	6260	25-4	1500	Sat	463 121 121 = 30 30 = = 64458 54757 28518 ... 46413 44205 16427 = = 121 121 = 30 30 000	CW	(AB/MPJ)
M01	6510	5-4	0700	Sun	463 633 633 = 30 30 = = 18404 09717 13922 ... 96752 47231 53923 633 633 = 30 30 000	CW	(AB)
M01	6510	12-4	0700	Sun	463 151 151 30 30 = = 77888 64725 12526 ... 62122 87626 82978 = 151 151 30 30 000	CW	(AB)
M01	6510	19-4	0700	Sun	463 412 412 30 30 = = 10932 17617 14210 ... 74213 41587 51194 = = 412 412 30 30 000	CW	(AB)
M01	6510	26-4	0700	Sun	463 218 218 30 30 = = 97941 62881 28581 ... 08676 57612 34718 = = 218 218 30 30 000	CW	(AB)
M01a	4151.2	14-4	0729	Tue	982 (x3) 26819 (x2)	CW	(F5JBR)
M01a	4197	14-4	0703	Tue	337 (x3) 87400 (x2) 337 (x3) 81002	CW	(F5JBR)
M01a	4894	14-4	1158	Tue	333 19008 (x2) 111 999 132 10 = 14156 15154 01354 30012 98755 41258 14487 63201 42136 46985 = 132 10 111 15154	CW	(F5JBR)
M01a	4894	16-4	0840	Thu	657 657 657 19087 19087 657 657 657 333 19087 19087 111 999 807 10 = 51327 49854 12354 79869 ... 32786 45213 14	CW	(F5JBR)

<b>M01a</b>	4934	22-4	0707	Wed	839 839 839 43322 43322 111 000	CW	(F5JBR)
<b>M01a</b>	5211	16-4	0848	Thu	895 895 895 23444 23444 895 895 895 22744 22744	CW	(F5JBR)
<b>M01a</b>	5847	21-4	1144	Tue	278 278 278 86805 86805 278 278 278 87463 87463	CW	(F5JBR)
<b>M01a</b>	5852	21-4	0800	Tue	768 768 768 64523 64523 768 768 768 65657	CW	(F5JBR)
<b>M01a</b>	5867	21-4	1215	Tue	893 893 893 45123 45123	CW	(F5JBR)
<b>M01a</b>	6847	20-4	0733	Mon	875 875 875 79222 79222	CW	(F5JBR)
<b>M01a</b>	9047	17-4	1310	Fri	198 198 198 36680 36680 111 000	USB	(F5JBR)
<b>M01a</b>	9051	21-4	0743	Tue	751 751 751 67267 67267	CW	(F5JBR)
<b>M01a</b>	9075	18-4	1213	Sat	637 637 637 333 48 111 000	CW	(F5JBR)
<b>M01a</b>	9447	14-4	0628	Tue	354 (x3) 88058 (x2) 354 (x3) 81996 (x2)	CW	(F5JBR)
<b>M01a</b>	10233	14-4	0623	Tue	354 (x3) 78505 (x2) 354 (x3) 79326 (x2)	CW	(F5JBR)
<b>M01b</b>	3510	2-4	1830	Thu	201 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4605 kHz	MCW	(AB/MPJ)
<b>M01b</b>	3510	9-4	1830	Thu	201 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4605 kHz	MCW	(AB/MPJ/HFD)
<b>M01b</b>	3510	16-4	1830	Thu	201 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4605 kHz	MCW	(AB/MPJ)
<b>M01b</b>	3510	23-4	1830	Thu	201 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4605 kHz	MCW	(AB/MPJ)
<b>M01b</b>	3510	30-4	1830	Thu	201 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4605 kHz	MCW	(AB/MPJ)
<b>M01b</b>	3520	3-4	2010	Fri	582 707 707 34 34 = = = = 87238 71711 31248 ...	MCW	(AB/HFD)
<b>M01b</b>	3520	10-4	2010	Fri	582 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4585 kHz	MCW	(AB/HFD)
<b>M01b</b>	3520	17-4	2010	Fri	582 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4585 kHz	MCW	(AB)
<b>M01b</b>	3520	24-4	2010	Fri	582 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4585 kHz	MCW	(AB)
<b>M01b</b>	3535	6-4	1810	Mon	420 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4590 kHz	MCW	(AB/HFD)
<b>M01b</b>	3535	13-4	1810	Mon	420 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4590 kHz	MCW	(AB/MPJ)
<b>M01b</b>	3535	20-4	1810	Mon	420 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4590 kHz	MCW	(AB/MPJ)
<b>M01b</b>	3535	27-4	1810	Mon	420 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4590 kHz	MCW	(AB/MPJ)
<b>M01b</b>	3625	3-4	1902	Fri	153 707 707 34 34 = = 87238 71711 31248 ... 00961 87893 48697 = = 707 707 34 34 000	MCW	(AB)
<b>M01b</b>	3625	10-4	1902	Fri	153 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4940 kHz	MCW	(AB/MPJ/HFD)
<b>M01b</b>	3625	17-4	1902	Fri	153 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4940 kHz	MCW	(AB/MPJ)
<b>M01b</b>	3625	24-4	1902	Fri	153 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4940 kHz	MCW	(AB/MPJ)
<b>M01b</b>	3645	6-4	1915	Mon	771 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4455 kHz	MCW	(AB/HFD)
<b>M01b</b>	3645	13-4	1915	Mon	771 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4455 kHz	MCW	(AB/MPJ)
<b>M01b</b>	3645	20-4	1915	Mon	771 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4455 kHz	MCW	(AB)
<b>M01b</b>	3645	27-4	1915	Mon	771 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4465 kHz vs 4455 kHz	MCW	(AB/MPJ)
<b>M01b</b>	3715	2-4	1940	Thu	477 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4570 kHz	MCW	(AB)
<b>M01b</b>	3715	9-4	1940	Thu	477 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4570 kHz	MCW	(AB/HFD)
<b>M01b</b>	3715	16-4	1940	Thu	477 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4570 kHz	MCW	(AB)
<b>M01b</b>	3715	23-4	1940	Thu	477 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4570 kHz	MCW	(AB)
<b>M01b</b>	3715	30-4	1940	Thu	477 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //4570 kHz	MCW	(AB)
<b>M01b</b>	4455	6-4	1915	Mon	771 342 342 32 32 = = 84937 47638 09958 ... 27693 27665 29343 = = 342 342 32 32 000 //3645 kHz	MCW	(AB/HFD)

<b>M01b</b>	4455	13-4	1915	Mon	771 342 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3645 kHz	MCW	(AB/MPJ)
<b>M01b</b>	4455	20-4	1915	Mon	771 342 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3645 kHz	MCW	(AB)
<b>M01b</b>	4465	27-4	1915	Mon	771 342 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3645 kHz	MCW	(AB)
<b>M01b</b>	4570	2-4	1940	Thu	477 342 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3715 kHz	MCW	(AB)
<b>M01b</b>	4570	9-4	1940	Thu	477 342 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3715 kHz	MCW	(AB/HFD)
<b>M01b</b>	4570	16-4	1940	Thu	477 342 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3715 kHz	MCW	(AB)
<b>M01b</b>	4570	23-4	1940	Thu	477 342 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3715 kHz	MCW	(AB)
<b>M01b</b>	4570	30-4	1940	Thu	477 342 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3715 kHz	MCW	(AB)
<b>M01b</b>	4585	3-4	2010	Fri	582 707 707 34 34 == == 87238 71711 31248 ...	MCW	(AB/HFD)
<b>M01b</b>	4585	10-4	2010	Fri	582 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3520 kHz	MCW	(AB/HFD)
<b>M01b</b>	4585	17-4	2010	Fri	582 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3520 kHz	MCW	(AB)
<b>M01b</b>	4585	24-4	2010	Fri	582 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3520 kHz	MCW	(AB)
<b>M01b</b>	4590	6-4	1810	Mon	420 342 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3535 kHz	MCW	(AB/HFD)
<b>M01b</b>	4590	13-4	1810	Mon	420 342 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3535 kHz	MCW	(AB/MPJ)
<b>M01b</b>	4590	20-4	1810	Mon	420 342 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3535 kHz	MCW	(AB/MPJ)
<b>M01b</b>	4590	27-4	1810	Mon	420 342 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3535 kHz	MCW	(AB/MPJ)
<b>M01b</b>	4605	2-4	1830	Thu	201 342 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3510 kHz	MCW	(AB/MPJ)
<b>M01b</b>	4605	9-4	1830	Thu	201 342 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3510 kHz	MCW	(AB/MPJ/HFD)
<b>M01b</b>	4605	16-4	1830	Thu	201 342 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3510 kHz	MCW	(AB/MPJ)
<b>M01b</b>	4605	23-4	1830	Thu	201 342 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3510 kHz	MCW	(AB/MPJ)
<b>M01b</b>	4605	30-4	1830	Thu	201 342 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3510 kHz	MCW	(AB/MPJ)
<b>M01b</b>	4940	10-4	1902	Fri	153 342 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3625 kHz	MCW	(AB/MPJ/HFD)
<b>M01b</b>	4940	17-4	1902	Fri	153 342 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3625 kHz	MCW	(AB/MPJ)
<b>M01b</b>	4940	24-4	1902	Fri	153 342 342 32 32 == 84937 47638 09958 ... 27693 27665 29343 == 342 342 32 32 000 //3625 kHz	MCW	(AB/MPJ)
<b>M12</b>	6854	7-4	0030	Tue	813 813 813 1 7234 95 7234 95 58580 38307 92507 ... 05536 65031 76266 000 000	CW	(AB)
<b>M12</b>	6854	10-4	0030	Fri	813 813 813 1 7234 95 7234 95 58580 38307 92507 ... 05536 65031 76266 000 000	CW	(AB)
<b>M12</b>	6854	17-4	0030	Fri	813 813 813 000	CW	(AB)
<b>M12</b>	6854	21-4	0030	Tue	813 813 813 000	CW	(AB)
<b>M12</b>	7575	3-4	2100	Fri	511 511 511 000	CW	(AB/RL)
<b>M12</b>	7575	4-4	2100	Sat	511 511 511 000	CW	(AB/HFD)
<b>M12</b>	7575	10-4	2100	Fri	511 511 511 1 2325 67 2325 67 70031 63337 14219 ... 05570 97359 21703 000 000	CW	(AB/RL)
<b>M12</b>	7575	11-4	2100	Sat	511 511 511 1 2325 67 2325 67 70031 63337 14219 ... 05570 97359 21703 000 000	CW	(AB/RL)
<b>M12</b>	7575	17-4	2100	Fri	511 511 511 1 2325 67 2325 67 70031 63337 14219 ... 05570 97359 21703 000 000	CW	(AB)
<b>M12</b>	7575	18-4	2100	Sat	511 511 511 1 2325 67 2325 67 70031 63337 14219 ... 05570 97359 21703 000 000	CW	(AB)
<b>M12</b>	7575	24-4	2100	Fri	511 511 511 000	CW	(AB/RL)
<b>M12</b>	7575	25-4	2100	Sat	511 511 511 000	CW	(AB/RL)
<b>M12</b>	7807	7-4	0500	Tue	825 825 25 1 9354 125 9354 125 48823 36711 05343 ... 41296 27683 72877 000 000	CW	(AB)
<b>M12</b>	7807	12-4	0500	Sun	825 825 25 1 9354 125 9354 125 48823 36711 05343 ... 41296 27683 72877 000 000	CW	(AB)
<b>M12</b>	7807	14-4	0500	Tue	825 825 825 1 304 93 304 93 60841 17635 17061 ... 20224 34692 54058 000 000	CW	(AB)



M12	7807	19-4	0500	Sun	825 825 825 1 304 93 304 93 60841 17635 17061 ... 20224 34692 54058 000 000	CW	(AB)
M12	7807	21-4	0500	Tue	825 825 825 1 4639 109 4639 109 20518 49677 17942 ... 06580 60753 55361 000 000	CW	(AB)
M12	7807	26-4	0500	Sun	825 825 825 1 4639 109 4639 109 20518 49677 17942 ... 06580 60753 55361 000 000	CW	(AB)
M12	7807	28-4	0500	Tue	825 825 825 000	CW	(AB)
M12	8154	7-4	0050	Tue	813 813 813 1 7234 95 7234 95 58580 38307 92507 ... 05536 65031 76266 000 000	CW	(AB)
M12	8154	10-4	0050	Fri	813 813 813 1 7234 95 7234 95 58580 38307 92507 ... 05536 65031 76266 000 000	CW	(AB)
M12	8154	17-4	0050	Fri	813 813 813 000	CW	(AB)
M12	8154	21-4	0050	Tue	813 813 813 000	CW	(AB)
M12	8172	13-4	2150	Mon	531 531 531 1 567 74 567 74 24587 18625 85119 ... 13187 33336 19890 000 000	CW	(AB)
M12	8172	16-4	2150	Thu	531 531 531 1 567 74 567 74 24587 18625 85118 ... 13187 33336 19890 000 000	CW	(AB)
M12	8172	27-4	2150	Mon	531 531 531 1 4522 89 4522 89 82897 38921 10600 04444 76907 ... 78050 25588 18761 19701 95609 000 000	CW	(RL)
M12	8172	30-4	2150	Thu	531 531 531 1 4522 89 4522 89 82897 38921 10600 ... 18761 19701 95609 000 000	CW	(AB/RL)
M12	8175	3-4	2120	Fri	511 511 511 000	CW	(AB/RL)
M12	8175	4-4	2120	Sat	511 511 511 000	CW	(AB/HFD)
M12	8175	10-4	2120	Fri	511 511 511 1 2325 67 2325 67 70031 63337 14219 ... 05570 97359 21703 000 000	CW	(AB/RL)
M12	8175	11-4	2120	Sat	511 511 511 1 2325 67 2325 67 70031 63337 14219 ... 05570 97359 21703 000 000	CW	(AB/RL)
M12	8175	17-4	2120	Fri	511 511 511 1 2325 67 2325 67 70031 63337 14219 ... 05570 97359 21703 000 000	CW	(AB)
M12	8175	18-4	2120	Sat	511 511 511 1 2325 67 2325 67 70031 63337 14219 ... 05570 97359 21703 000 000	CW	(AB)
M12	8175	24-4	2120	Fri	511 511 511 000	CW	(AB/RL)
M12	8175	25-4	2120	Sat	511 511 511 000	CW	(AB/RL)
M12	9175	10-4	2140	Fri	511 511 511 1 2325 67 2325 67 70031 63337 14219 ... 05570 97359 21703 000 000	CW	(AB/RL)
M12	9175	11-4	2140	Sat	511 511 511 1 2325 67 2325 67 70031 63337 14219 ... 05570 97359 21703 000 000	CW	(AB/RL)
M12	9175	17-4	2140	Fri	511 511 511 1 2325 67 2325 67 70031 63337 14219 ... 05570 97359 21703 000 000	CW	(AB)
M12	9175	18-4	2140	Sat	511 511 511 1 2325 67 2325 67 70031 63337 14219 ... 05570 97359 21703 000 000	CW	(AB)
M12	9207	7-4	0520	Tue	825 825 25 1 9354 125 9354 125 48823 36711 05343 ... 41296 27683 72877 000 000	CW	(AB)
M12	9207	12-4	0520	Sun	825 825 25 1 9354 125 9354 125 48823 36711 05343 ... 41296 27683 72877 000 000	CW	(AB)
M12	9207	14-4	0520	Tue	825 825 825 1 304 93 304 93 60841 17635 17061 ... 20224 34692 54058 000 000	CW	(AB)
M12	9207	19-4	0520	Sun	825 825 825 1 304 93 304 93 60841 17635 17061 ... 20224 34692 54058 000 000	CW	(AB)
M12	9207	21-4	0520	Tue	825 825 825 1 4639 109 4639 109 20518 49677 17942 ... 06580 60753 55361 000 000	CW	(AB)
M12	9207	26-4	0520	Sun	825 825 825 1 4639 109 4639 109 20518 49677 17942 ... 06580 60753 55361 000 000	CW	(AB/F5JBR)
M12	9207	28-4	0520	Tue	825 825 825 000	CW	(AB)
M12	9304	2-4	0740	Thu	923 923 923 1 9251 126 9251 126 60867 94360 99005 ... 68426 11584 42678 000 000	CW	(AB-RUS/HFD)
M12	9304	7-4	0740	Tue	923 923 923 1 9261 150 9261 150 79702 27628 96786 ... 64207 69083 18795 000 000	CW	(AB-RUS)
M12	9304	9-4	0740	Thu	923 923 923 1 9261 150 9261 150 79702 27628 96786 ... 64207 69083 18795 000 000	CW	(AB-J)
M12	9304	14-4	0740	Tue	923 923 923 1 6817 112 6817 112 36799 11624 98413 ... 10820 50564 57561 000 000	CW	(AB-J)
M12	9304	16-4	0740	Thu	923 923 923 1 6817 112 6817 112 36799 11624 98413 ... 10820 50564 57561 000 000	CW	(AB-J)
M12	9304	21-4	0740	Tue	923 923 923 1 93 7390 108 7390 108 50044 07109 43025 ... 90890 20797 35202 000 000	CW	(AB-J)
M12	9304	23-4	0740	Thu	923 923 923 1 93 7390 108 7390 108 50044 07109 43025 ... 90890 20797 35202 000 000	CW	(AB-J)

<b>M12</b>	9312	8-4	2250	Wed	923 923 923 1 184 98 184 98 02346 93956 60305 13086 08368 ... 44700 22111 03270 87444 48280 000 000	CW	(RL)
<b>M12</b>	9312	11-4	2250	Sat	923 923 923 1 184 98 184 98 02346 93956 60305 13086 08368 ... 44700 22111 03270 87444 48280 000 000	CW	(RL)
<b>M12</b>	9312	18-4	2250	Sat	923 923 923 1 9035 116 9035 116 00082 13810 19071 ... 34099 02006 39332 000 000	CW	(AB)
<b>M12</b>	9312	25-4	2250	Sat	923 923 923 1 5499 206 5499 206 52324 86622 22770 ... 52330 31068 07038 000 000	CW	(RL)
<b>M12</b>	9312	29-4	2250	Wed	923 923 923 1 6029 184 6029 184 95541 19629 96900 09441 46657 ... 09870 69506 15808 25878 99781 000 000	CW	(RL)
<b>M12</b>	9317	7-4	0530	Tue	135 135 135 1 1083 110 1083 110 37747 90232 41815 ... 02034 11474 01055 000 000	CW	(AB)
<b>M12</b>	9317	14-4	0530	Tue	135 135 135 1 5813 105 5813 105 35528 76972 44049 ... 94358 04607 53850 30020 000 000	CW	(AB)
<b>M12</b>	9317	21-4	0530	Tue	135 135 135 1 9298 104 9298 104 50780 83921 70268 ... 31639 77792 51615 000 000	CW	(AB)
<b>M12</b>	9317	28-4	0530	Tue	135 135 135 1 4179 109 4179 109 95175 21351 16771 ... 24163 93901 02372 000 000	CW	(AB)
<b>M12</b>	9354	7-4	0110	Tue	813 813 813 1 7234 95 7234 95 58580 38307 92507 ... 05536 65031 76266 000 000	CW	(AB)
<b>M12</b>	9354	10-4	0110	Fri	813 813 813 1 7234 95 7234 95 58580 38307 92507 ... 05536 65031 76266 000 000	CW	(AB)
<b>M12</b>	9372	2-4	2110	Thu	531 531 531 000	CW	(RL)
<b>M12</b>	9372	6-4	2130	Mon	531 531 531 000	CW	(RL/HFD)
<b>M12</b>	9372	13-4	2130	Mon	531 531 531 1 567 74 567 74 24587 18625 85119 ... 13187 33336 19890 000 000	CW	(RL)
<b>M12</b>	9372	16-4	2130	Thu	531 531 531 1 567 74 567 74 24587 18625 85118 ... 13187 33336 19890 000 000	CW	(AB)
<b>M12</b>	9372	23-4	2130	Thu	531 531 531 000	CW	(AB)
<b>M12</b>	9372	27-4	2130	Mon	531 531 531 1 4522 89 4522 89 82897 38921 10600 04444 76907 ... 78050 25588 18761 19701 95609 000 000	CW	(RL)
<b>M12</b>	9372	30-4	2130	Thu	531 531 531 1 4522 89 4522 89 82897 38921 10600 ... 18761 19701 95609 000 000	CW	(AB/RL)
<b>M12</b>	10204	2-4	0720	Thu	923 923 923 1 9251 126 9251 126 60867 94360 99005 ... 68426 11584 42678 000 000	CW	(AB-RUS/HFD)
<b>M12</b>	10204	7-4	0720	Tue	923 923 923 1 9261 150 9261 150 79702 27628 96786 ... 64207 69083 18795 000 000	CW	(AB-RUS)
<b>M12</b>	10204	9-4	0720	Thu	923 923 923 1 9261 150 9261 150 79702 27628 96786 ... 64207 69083 18795 000 000	CW	(AB-J)
<b>M12</b>	10204	14-4	0720	Tue	923 923 923 1 6817 112 6817 112 36799 11624 98413 ... 10820 50564 57561 000 000	CW	(AB-J)
<b>M12</b>	10204	16-4	0720	Thu	923 923 923 1 6817 112 6817 112 36799 11624 98413 ... 10820 50564 57561 000 000	CW	(AB-RUS)
<b>M12</b>	10204	21-4	0720	Tue	923 923 923 1 93 7390 108 7390 108 50044 07109 43025 ... 90890 20797 35202 000 000	CW	(AB-J)
<b>M12</b>	10204	23-4	0720	Thu	923 923 923 1 93 7390 108 7390 108 50044 07109 43025 ... 90890 20797 35202 000 000	CW	(AB-J)
<b>M12</b>	10204	28-4	0720	Tue	923 923 923 000	CW	(AB-J)
<b>M12</b>	10204	30-4	0720	Thu	923 923 923 000	CW	(AB-J)
<b>M12</b>	10212	1-4	2210	Wed	923 923 923 000	CW	(AB)
<b>M12</b>	10212	8-4	2230	Wed	923 923 923 1 184 98 184 98 02346 93956 60305 13086 08368 ... 44700 22111 03270 87444 48280 000 000	CW	(RL)
<b>M12</b>	10212	11-4	2230	Sat	923 923 923 1 184 98 184 98 02346 93956 60305 13086 08368 ... 44700 22111 03270 87444 48280 000 000	CW	(RL)
<b>M12</b>	10212	25-4	2230	Sat	923 923 923 1 5499 206 5499 206 52324 86622 22770 ... 52330 31068 07038 000 000	CW	(RL)
<b>M12</b>	10212	29-4	2230	Wed	923 923 923 1 6029 184 6029 184 95541 19629 96900 09441 46657 ... 09870 69506 15808 25878 99781 000 000	CW	(RL)

M12	10484	7-4	0550	Tue	135 135 135 1 1083 110 1083 110 37747 90232 41815 ... 02034 11474 01055 000 000	CW	(AB)
M12	10484	14-4	0550	Tue	135 135 135 1 5813 105 5813 105 35528 76972 44049 ... 94358 04607 53850 30020 000 000	CW	(AB)
M12	10484	21-4	0550	Tue	135 135 135 1 9298 104 9298 104 50780 83921 70268 ... 31639 77792 51615 000 000	CW	(AB)
M12	10484	28-4	0550	Tue	135 135 135 1 4179 109 4179 109 95175 21351 16771 ... 24163 93901 02372 000 000	CW	(AB)
M12	10507	7-4	0540	Tue	825 825 25 1 9354 125 9354 125 48823 36711 05343 ... 41296 27683 72877 000 000	CW	(AB)
M12	10507	12-4	0540	Sun	825 825 25 1 9354 125 9354 125 48823 36711 05343 ... 41296 27683 72877 000 000	CW	(AB)
M12	10507	14-4	0540	Tue	825 825 825 1 304 93 304 93 60841 17635 17061 ... 20224 34692 54058 000 000	CW	(AB)
M12	10507	19-4	0540	Sun	825 825 825 1 304 93 304 93 60841 17635 17061 ... 20224 34692 54058 000 000	CW	(AB)
M12	10507	21-4	0540	Tue	825 825 825 1 4639 109 4639 109 20518 49677 17942 ... 06580 60753 55361 000 000	CW	(AB)
M12	10507	26-4	0540	Sun	825 825 825 1 4639 109 4639 109 20518 49677 17942 ... 06580 60753 55361 000 000	CW	(AB/F5JBR)
M12	10572	2-4	2110	Thu	531 531 531 000	CW	(RL)
M12	10572	6-4	2110	Mon	531 531 531 000	CW	(RL/HFD)
M12	10572	16-4	2110	Thu	531 531 531 1 567 74 567 74 24587 18625 85118 ... 13187 33336 19890 000 000	CW	(AB)
M12	10572	23-4	2110	Thu	531 531 531 000	CW	(AB/RL)
M12	10572	27-4	2110	Mon	531 531 531 1 4522 89 4522 89 82897 38921 10600 04444 76907 ... 78050 25588 18761 19701 95609 000 000	CW	(RL)
M12	10572	30-4	2110	Thu	531 531 531 1 4522 89 4522 89 82897 38921 10600 ... 18761 19701 95609 000 000	CW	(AB/RL)
M12	10711	1-4	1750	Wed	546 546 546 1 6781 108 6781 108 53958 62780 30671 ... 76090 08173 69898 000 000	CW	(AB)
M12	10711	2-4	1740	Thu	546 546 546 1 5300 108 5300 108 45997 43050 01357 ... 28814 27578 92133 000 000	CW	(AB)
M12	10711	2-4	1840	Thu	546 546 546 1 9194 109 9194 109 66463 82373 16710 ... 14792 87487 17055 000 000	CW	(AB)
M12	10711	9-4	1740	Thu	546 546 546 1 2375 111 2374 111 60280 74437 10708 ... 36430 97733 67043 000 000	CW	(AB)
M12	10711	9-4	1840	Thu	546 546 546 1 9427 104 9427 104 93440 19488 40816 ... 12412 96988 17867 000 000	CW	(AB)
M12	10711	15-4	1750	Wed	546 546 546 1 5201 105 5201 105 10032 86011 31252 ... 69758 75213 09241 000 000	CW	(AB)
M12	10711	16-4	1740	Thu	546 546 546 1 2869 112 2869 112 00204 60773 36922 ... 21142 14269 30313 000 000	CW	(AB)
M12	10711	16-4	1840	Thu	546 546 546 1 5661 105 5661 105 45584 31069 45032 ... 15396 49565 37823 000 000	CW	(AB/RL)
M12	10711	22-4	1750	Wed	546 546 546 1 199 110 199 110 70314 05381 29097 ... 16385 74346 22011 000 000	CW	(AB)
M12	10711	23-4	1740	Thu	546 546 546 1 1882 106 1882 106 34999 57970 58487 ... 59378 03436 60959 000 000	CW	(AB)
M12	10711	23-4	1840	Thu	546 546 546 1 3862 108 3862 108 16204 80861 34500 ... 49920 97403 02870 000 000	CW	(AB/MPJ)
M12	10711	29-4	1750	Wed	546 546 546 1 1819 113 1819 113 84278 18745 71376 ... 37517 41684 45004 000 000	CW	(AB/MPJ)
M12	10711	30-4	1740	Thu	546 546 546 1 4697 111 4697 111 92843 37790 13178 ... 98629 49690 69744 000 000	CW	(AB/MPJ)
M12	10711	30-4	1840	Thu	546 546 546 1 8153 105 8153 105 34067 10938 63103 ... 34972 39724 99781 000 000	CW	(AB)
M12	10904	2-4	0700	Thu	923 923 923 1 9251 126 9251 126 60867 94360 99005 ... 68426 11584 42678 000 000	CW	(AB-RUS/HFD)
M12	10904	7-4	0700	Tue	923 923 923 1 9261 150 9261 150 79702 27628 96786 ... 64207 69083 18795 000 000	CW	(AB-RUS)
M12	10904	9-4	0700	Thu	923 923 923 1 9261 150 9261 150 79702 27628 96786 ... 64207 69083 18795 000 000	CW	(AB-J)
M12	10904	14-4	0700	Tue	923 923 923 1 6817 112 6817 112 36799 11624 98413 ... 10820 50564 57561 000 000	CW	(AB-J)
M12	10904	16-4	0700	Thu	923 923 923 1 6817 112 6817 112 36799 11624 98413 ... 10820 50564 57561 000 000	CW	(AB-J)
M12	10904	21-4	0700	Tue	923 923 923 1 93 7390 108 7390 108 50044 07109 43025 ... 90890 20797 35202 000 000	CW	(AB-J)
M12	10904	23-4	0700	Thu	923 923 923 1 93 7390 108 7390 108 50044 07109 43025 ... 90890 20797 35202 000 000	CW	(AB-J)
M12	10904	28-4	0700	Tue	923 923 923 000	CW	(AB-J)



<b>M12</b>	10904	30-4	0700	Thu	923 923 923 000	CW	(AB-J)
<b>M12</b>	10974	8-4	1250	Wed	149 149 149 1 155 134 155 134 08546 47227 81762 ... 25463 12980 16108 000 000	CW	(AB/MPJ)
<b>M12</b>	10974	10-4	1250	Fri	149 149 149 1 155 134 155 134 08546 47227 81762 ... 25463 12980 16108 000 000	CW	(AB/MPJ)
<b>M12</b>	10974	15-4	1250	Wed	149 149 149 1 155 134 155 134 08546 47227 81762 ... 25463 12980 16108 000 000	CW	(AB)
<b>M12</b>	10974	17-4	1250	Fri	149 149 149 1 155 134 155 134 08546 47227 81762 ... 25463 12980 16108 000 000	CW	(AB/MPJ)
<b>M12</b>	11012	1-4	2210	Wed	923 923 923 000	CW	(AB)
<b>M12</b>	11012	8-4	2210	Wed	923 923 923 1 184 98 184 98 02346 93956 60305 13086 08368 ... 44700 22111 03270 87444 48280 000 000	CW	(RL)
<b>M12</b>	11012	11-4	2210	Sat	923 923 923 1 184 98 184 98 02346 93956 60305 13086 08368 ... 44700 22111 03270 87444 48280 000 000	CW	(RL)
<b>M12</b>	11012	25-4	2210	Sat	923 923 923 1 5499 206 5499 206 52324 86622 22770 ... 52330 31068 07038 000 000	CW	(RL)
<b>M12</b>	11012	29-4	2210	Wed	923 923 923 1 6029 184 6029 184 95541 19629 96900 09441 46657 ... 09870 69506 15808 25878 99781 000 000	CW	(RL)
<b>M12</b>	11139	27-4	2020	Mon	234 234 234 000	CW	(AB/RL)
<b>M12</b>	11139	30-4	2020	Thu	234 234 234 000	CW	(AB/RL)
<b>M12</b>	11474	1-4	1230	Wed	149 149 149 000	CW	(AB/MPJ)
<b>M12</b>	11474	3-4	1230	Fri	149 149 149 000	CW	(AB/HFD)
<b>M12</b>	11474	8-4	1230	Wed	149 149 149 1 155 134 155 134 08546 47227 81762 ... 25463 12980 16108 000 000	CW	(AB/MPJ)
<b>M12</b>	11474	10-4	1230	Fri	149 149 149 1 155 134 155 134 08546 47227 81762 ... 25463 12980 16108 000 000	CW	(AB/MPJ)
<b>M12</b>	11474	15-4	1230	Wed	149 149 149 1 155 134 155 134 08546 47227 81762 ... 25463 12980 16108 000 000	CW	(AB)
<b>M12</b>	11474	17-4	1230	Fri	149 149 149 1 155 134 155 134 08546 47227 81762 ... 25463 12980 16108 000 000	CW	(AB/MPJ)
<b>M12</b>	11474	22-4	1230	Wed	149 149 149 000	CW	(AB/MPJ)
<b>M12</b>	11474	24-4	1230	Fri	149 149 149 000	CW	(AB)
<b>M12</b>	11474	29-4	1230	Wed	149 149 149 000	CW	(AB)
<b>M12</b>	11552	7-4	0610	Tue	135 135 135 1 1083 110 1083 110 37747 90232 41815 ... 02034 11474 01055 000 000	CW	(AB)
<b>M12</b>	11552	14-4	0610	Tue	135 135 135 1 5813 105 5813 105 35528 76972 44049 ... 94358 04607 53850 30020 000 000	CW	(AB)
<b>M12</b>	11552	21-4	0610	Tue	135 135 135 1 9298 104 9298 104 50780 83921 70268 ... 31639 77792 51615 000 000	CW	(AB)
<b>M12</b>	11552	28-4	0610	Tue	135 135 135 1 4179 109 4179 109 95175 21351 16771 ... 24163 93901 02372 000 000	CW	(AB)
<b>M12</b>	11566	1-4	1730	Wed	546 546 546 1 6781 108 6781 108 53958 62780 30671 ... 76090 08173 69898 000 000	CW	(AB)
<b>M12</b>	11566	2-4	1720	Thu	546 546 546 1 5300 108 5300 108 45997 43050 01357 ... 28814 27578 92133 000 000	CW	(AB)
<b>M12</b>	11566	2-4	1820	Thu	546 546 546 1 9194 109 9194 109 66463 82373 16710 ... 14792 87487 17055 000 000	CW	(AB)
<b>M12</b>	11566	9-4	1720	Thu	546 546 546 1 2375 111 2374 111 60280 74437 10708 ... 36430 97733 67043 000 000	CW	(AB)
<b>M12</b>	11566	9-4	1820	Thu	546 546 546 1 9427 104 9427 104 93440 19488 40816 ... 12412 96988 17867 000 000	CW	(AB)
<b>M12</b>	11566	15-4	1730	Wed	546 546 546 1 5201 105 5201 105 10032 86011 31252 ... 69758 75213 09241 000 000	CW	(AB)
<b>M12</b>	11566	16-4	1720	Thu	546 546 546 1 2869 112 2869 112 00204 60773 36922 ... 21142 14269 30313 000 000	CW	(AB)
<b>M12</b>	11566	16-4	1820	Thu	546 546 546 1 5661 105 5661 105 45584 31069 45032 ... 15396 49565 37823 000 000	CW	(AB/RL)
<b>M12</b>	11566	22-4	1730	Wed	546 546 546 1 199 110 199 110 70314 05381 29097 ... 16385 74346 22011 000 000	CW	(AB)
<b>M12</b>	11566	23-4	1720	Thu	546 546 546 1 1882 106 1882 106 34999 57970 58487 ... 59378 03436 60959 000 000	CW	(AB)
<b>M12</b>	11566	23-4	1820	Thu	546 546 546 1 3862 108 3862 108 16204 80861 34500 ... 49920 97403 02870 000 000	CW	(AB/MPJ)

<b>M12</b>	11566	29-4	1730	Wed	546 546 546 1 1819 113 1819 113 84278 18745 71376 ... 37517 41684 45004 000 000	CW	(AB/MPJ)
<b>M12</b>	11566	30-4	1720	Thu	546 546 546 1 4697 111 4697 111 92843 37790 13178 ... 98629 49690 69744 000 000	CW	(AB/MPJ)
<b>M12</b>	11566	30-4	1820	Thu	546 546 546 1 8153 105 8153 105 34067 10938 63103 ... 34972 39724 99781 000 000	CW	(AB)
<b>M12</b>	12114	2-4	2040	Thu	317 317 317 1 6012 103 6012 103 09840 74837 76382 63346 93916 ... 58625 00381 75672 26785 43073 000 000	CW	(RL)
<b>M12</b>	12114	9-4	2040	Thu	317 317 317 1 7606 108 7606 108 27013 53712 25852 ... 38997 48484 89340 000 000	CW	(AB)
<b>M12</b>	12114	16-4	2040	Thu	317 317 317 1 4657 103 4657 103 50922 65252 72561 ... 39280 84635 35432 000 000	CW	(AB)
<b>M12</b>	12114	23-4	2040	Thu	317 317 317 1 2700 102 2700 102 38238 16234 36239 ... 61686 14815 25332 000 000	CW	(AB)
<b>M12</b>	12114	30-4	2040	Thu	317 317 317 1 6053 106 6053 106 64542 78349 32447 ... 80704 15133 25521 000 000	CW	(AB)
<b>M12</b>	12137	6-4	0050	Mon	891 891 891 1 7012 16 7012 16 29592 85103 67002 ... 75429 39764 30310 000 000	CW	(Danix-RUS)
<b>M12</b>	12137	13-4	0050	Mon	891 891 891 1 5392 40 5392 40 15389 67117 72192 ... 17562 34495 40372 000 000	CW	(Danix-RUS/HFD)
<b>M12</b>	12137	20-4	0050	Mon	891 891 891 1 6649 36 6649 36 41419 46335 79027 4... 10255 05469 66711 000 000	CW	(Danix-RUS)
<b>M12</b>	12139	27-4	2000	Mon	234 234 234 000	CW	(AB/RL)
<b>M12</b>	12139	30-4	2000	Thu	234 234 234 000	CW	(AB/RL)
<b>M12</b>	12153	1-4	2010	Wed	414 414 414 000	CW	(AB/RL/HFD)
<b>M12</b>	12153	3-4	2010	Fri	414 414 414 000	CW	(AB)
<b>M12</b>	12153	8-4	2010	Wed	414 414 414 000	CW	(AB/RL)
<b>M12</b>	12153	10-4	2010	Fri	414 414 414 000	CW	(AB/RL)
<b>M12</b>	12153	15-4	2010	Wed	414 414 414 000	CW	(AB/RL)
<b>M12</b>	12153	17-4	2010	Fri	414 414 414 000	CW	(AB/RL)
<b>M12</b>	12153	22-4	2010	Wed	414 414 414 000	CW	(AB/RL)
<b>M12</b>	12153	24-4	2010	Fri	414 414 414 000	CW	(AB/MPJ/RL)
<b>M12</b>	12153	29-4	2010	Wed	414 414 414 000	CW	(AB/RL)
<b>M12</b>	12162	1-4	1710	Wed	546 546 546 1 6781 108 6781 108 53958 62780 30671 ... 76090 08173 69898 000 000	CW	(AB)
<b>M12</b>	12162	2-4	1700	Thu	546 546 546 1 5300 108 5300 108 45997 43050 01357 ... 28814 27578 92133 000 000	CW	(AB)
<b>M12</b>	12162	2-4	1800	Thu	546 546 546 1 9194 109 9194 109 66463 82373 16710 ... 14792 87487 17055 000 000	CW	(AB)
<b>M12</b>	12162	9-4	1700	Thu	546 546 546 1 2375 111 2374 111 60280 74437 10708 ... 36430 97733 67043 000 000	CW	(AB)
<b>M12</b>	12162	9-4	1800	Thu	546 546 546 1 9427 104 9427 104 93440 19488 40816 ... 12412 96988 17867 000 000	CW	(AB)
<b>M12</b>	12162	15-4	1710	Wed	546 546 546 1 5201 105 5201 105 10032 86011 31252 ... 69758 75213 09241 000 000	CW	(AB)
<b>M12</b>	12162	16-4	1700	Thu	546 546 546 1 2869 112 2869 112 00204 60773 36922 ... 21142 14269 30313 000 000	CW	(AB)
<b>M12</b>	12162	16-4	1800	Thu	546 546 546 1 5661 105 5661 105 45584 31069 45032 ... 15396 49565 37823 000 000	CW	(AB/RL)
<b>M12</b>	12162	22-4	1710	Wed	546 546 546 1 199 110 199 110 70314 05381 29097 ... 16385 74346 22011 000 000	CW	(AB)
<b>M12</b>	12162	23-4	1700	Thu	546 546 546 1 1882 106 1882 106 34999 57970 58487 ... 59378 03436 60959 000 000	CW	(AB)
<b>M12</b>	12162	23-4	1800	Thu	546 546 546 1 3862 108 3862 108 16204 80861 34500 ... 49920 97403 02870 000 000	CW	(AB/MPJ)
<b>M12</b>	12162	29-4	1710	Wed	546 546 546 1 1819 113 1819 113 84278 18745 71376 ... 37517 41684 45004 000 000	CW	(AB/MPJ)
<b>M12</b>	12162	30-4	1700	Thu	546 546 546 1 4697 111 4697 111 92843 37790 13178 ... 98629 49690 69744 000 000	CW	(AB/MPJ)
<b>M12</b>	12162	30-4	1800	Thu	546 546 546 1 8153 105 8153 105 34067 10938 63103 ... 34972 39724 99781 000 000	CW	(AB)
<b>M12</b>	12174	1-4	1210	Wed	149 149 149 000	CW	(AB/MPJ)
<b>M12</b>	12174	3-4	1210	Fri	149 149 149 000	CW	(AB/HFD)

<b>M12</b>	12174	8-4	1210	Wed	149 149 149 1 155 134 155 134 08546 47227 81762 ... 25463 12980 16108 000 000	CW	(AB/MPJ)
<b>M12</b>	12174	10-4	1210	Fri	149 149 149 1 155 134 155 134 08546 47227 81762 ... 25463 12980 16108 000 000	CW	(AB/MPJ)
<b>M12</b>	12174	15-4	1210	Wed	149 149 149 1 155 134 155 134 08546 47227 81762 ... 25463 12980 16108 000 000	CW	(AB)
<b>M12</b>	12174	17-4	1210	Fri	149 149 149 1 155 134 155 134 08546 47227 81762 ... 25463 12980 16108 000 000	CW	(AB/MPJ)
<b>M12</b>	12174	22-4	1210	Wed	149 149 149 000	CW	(AB/MPJ)
<b>M12</b>	12174	24-4	1210	Fri	149 149 149 000	CW	(AB)
<b>M12</b>	12174	29-4	1210	Wed	149 149 149 000	CW	(AB)
<b>M12</b>	13453	1-4	1950	Wed	414 414 414 000	CW	(AB/RL/HFD)
<b>M12</b>	13453	3-4	1950	Fri	414 414 414 000	CW	(AB)
<b>M12</b>	13453	8-4	1950	Wed	414 414 414 000	CW	(AB/RL)
<b>M12</b>	13453	10-4	1950	Fri	414 414 414 000	CW	(AB/RL)
<b>M12</b>	13453	15-4	1950	Wed	414 414 414 000	CW	(AB/RL)
<b>M12</b>	13453	17-4	1950	Fri	414 414 414 000	CW	(AB/RL)
<b>M12</b>	13453	22-4	1950	Wed	414 414 414 000	CW	(AB/RL)
<b>M12</b>	13453	24-4	1950	Fri	414 414 414 000	CW	(AB/MPJ/RL)
<b>M12</b>	13453	29-4	1950	Wed	414 414 414 000	CW	(AB/RL)
<b>M12</b>	13461	2-4	2020	Thu	317 317 317 1 6012 103 6012 103 09840 74837 76382 63346 93916 ... 58625 00381 75672 26785 43073 000 000	CW	(RL)
<b>M12</b>	13461	9-4	2020	Thu	317 317 317 1 7606 108 7606 108 27013 53712 25852 ... 38997 48484 89340 000 000	CW	(AB)
<b>M12</b>	13461	16-4	2020	Thu	317 317 317 1 4657 103 4657 103 50922 65252 72561 ... 39280 84635 35432 000 000	CW	(AB)
<b>M12</b>	13461	23-4	2020	Thu	317 317 317 1 2700 102 2700 102 38238 16234 36239 ... 61686 14815 25332 000 000	CW	(AB)
<b>M12</b>	13461	30-4	2020	Thu	317 317 317 1 6053 106 6053 106 64542 78349 32447 ... 80704 15133 25521 000 000	CW	(AB)
<b>M12</b>	13937	3-4	0010	Fri	891 891 891 000	CW	(Danix-RUS)
<b>M12</b>	13937	6-4	0030	Mon	891 891 891 1 7012 16 7012 16 29592 85103 67002 ... 75429 39764 30310 000 000	CW	(Danix-RUS)
<b>M12</b>	13937	13-4	0030	Mon	891 891 891 1 5392 40 5392 40 15389 67117 72192 ... 17562 34495 40372 000 000	CW	(Danix-RUS/HFD)
<b>M12</b>	13937	20-4	0030	Mon	891 891 891 1 6649 36 6649 36 41419 46335 79027 4... 10255 05469 66711 000 000	CW	(Danix-RUS)
<b>M12</b>	13937	27-4	0030	Mon	891 891 891 000	CW	(Danix-RUS)
<b>M12</b>	14377	2-4	2000	Thu	317 317 317 1 6012 103 6012 103 09840 74837 76382 63346 93916 ... 58625 00381 75672 26785 43073 000 000	CW	(RL)
<b>M12</b>	14377	9-4	2000	Thu	317 317 317 1 7606 108 7606 108 27013 53712 25852 ... 38997 48484 89340 000 000	CW	(AB)
<b>M12</b>	14377	16-4	2000	Thu	317 317 317 1 4657 103 4657 103 50922 65252 72561 ... 39280 84635 35432 000 000	CW	(AB)
<b>M12</b>	14377	23-4	2000	Thu	317 317 317 1 2700 102 2700 102 38238 16234 36239 ... 61686 14815 25332 000 000	CW	(AB)
<b>M12</b>	14377	30-4	2000	Thu	317 317 317 1 6053 106 6053 106 64542 78349 32447 ... 80704 15133 25521 000 000	CW	(AB)
<b>M12</b>	14721	22-4	1640	Wed	387 387 387 1 523 91 523 91 42408 40837 57109 ... 17054 87139 15741 000 000	CW	(AB/MPJ)
<b>M12</b>	14721	26-4	1640	Sun	387 387 387 1 523 91 523 91 42408 40837 57109 ... 17054 87139 15741 000 000	CW	(AB/MPJ)
<b>M12</b>	14837	3-4	0010	Fri	891 891 891 000	CW	(Danix-RUS)
<b>M12</b>	14837	6-4	0010	Mon	891 891 891 1 7012 16 7012 16 29592 85103 67002 ... 75429 39764 30310 000 000	CW	(Danix-RUS)
<b>M12</b>	14837	13-4	0010	Mon	891 891 891 1 5392 40 5392 40 15389 67117 72192 ... 17562 34495 40372 000 000	CW	(Danix-RUS/HFD)
<b>M12</b>	14837	20-4	0010	Mon	891 891 891 1 6649 36 6649 36 41419 46335 79027 4... 10255 05469 66711 000 000	CW	(Danix-RUS)

<b>M12</b>	14837	27-4	0010	Mon	891 891 891 000	CW	(Danix-RUS)
<b>M12</b>	15821	8-4	1620	Wed	387 387 387 000	CW	(AB)
<b>M12</b>	15821	12-4	1620	Sun	387 387 387 000	CW	(AB)
<b>M12</b>	15821	15-4	1620	Wed	387 387 387 000	CW	(AB/MPJ)
<b>M12</b>	15821	19-4	1620	Sun	387 387 387 000	CW	(AB)
<b>M12</b>	15821	22-4	1620	Wed	387 387 387 1 523 91 523 91 42408 40837 57109 ... 17054 87139 15741 000 000	CW	(AB/MPJ)
<b>M12</b>	15821	26-4	1620	Sun	387 387 387 1 523 91 523 91 42408 40837 57109 ... 17054 87139 15741 000 000	CW	(AB-RUS/MPJ)
<b>M12</b>	15821	29-4	1620	Wed	387 387 387 000	CW	(AB/MPJ)
<b>M12</b>	15824	1-4	1440	Wed	548 548 548 1 5599 110 5599 110 76607 98471 44070 ... 76565 76285 12874 000 000	CW	(AB-RUS/MPJ)
<b>M12</b>	15824	6-4	1440	Mon	548 548 548 1 5599 110 5599 110 76607 98471 44070 ... 76565 76285 12874 000 000	CW	(AB-RUS/HFD)
<b>M12</b>	15824	8-4	1440	Wed	548 548 548 1 5599 110 5599 110 76607 98471 44070 ... 76565 76285 12874 000 000	CW	(AB-RUS/MPJ-RUS)
<b>M12</b>	15824	13-4	1440	Mon	548 548 548 1 353 84 353 84 78483 26888 16133 7... 03925 66945 49762 000 000	CW	(AB-RUS/MPJ)
<b>M12</b>	15824	15-4	1440	Wed	548 548 548 1 353 84 353 84 78483 26888 16133 ... 03925 66945 49762 000 000	CW	(AB-RUS)
<b>M12</b>	15824	27-4	1440	Mon	548 548 548 1 253 42 253 42 65855 32366 75552 ... 64505 27768 77399 08709 62613 000 000	CW	(AB/MPJ)
<b>M12</b>	15824	29-4	1440	Wed	548 548 548 1 253 42 253 42 65855 32366 75552 ... 64505 27768 77399 08709 62613 000 000	CW	(AB/MPJ)
<b>M12</b>	16321	8-4	1600	Wed	387 387 387 000	CW	(AB-RUS)
<b>M12</b>	16321	12-4	1600	Sun	387 387 387 000	CW	(AB-RUS/MPJ)
<b>M12</b>	16321	15-4	1600	Wed	387 387 387 000	CW	(AB-RUS/MPJ)
<b>M12</b>	16321	19-4	1600	Sun	387 387 387 000	CW	(AB-RUS)
<b>M12</b>	16321	22-4	1600	Wed	387 387 387 1 523 91 523 91 42408 40837 57109 ... 17054 87139 15741 000 000	CW	(AB-RUS/MPJ)
<b>M12</b>	16321	26-4	1600	Sun	387 387 387 1 523 91 523 91 42408 40837 57109 ... 17054 87139 15741 000 000	CW	(AB-RUS/MPJ)
<b>M12</b>	16321	29-4	1600	Wed	387 387 387 000	CW	(AB-RUS/MPJ)
<b>M12</b>	17424	1-4	1420	Wed	548 548 548 1 5599 110 5599 110 76607 98471 44070 ... 76565 76285 12874 000 000	CW	(AB-RUS)
<b>M12</b>	17424	6-4	1420	Mon	548 548 548 1 5599 110 5599 110 76607 98471 44070 ... 76565 76285 12874 000 000	CW	(AB-RUS/HFD)
<b>M12</b>	17424	8-4	1420	Wed	548 548 548 1 5599 110 5599 110 76607 98471 44070 ... 76565 76285 12874 000 000	CW	(AB-RUS/MPJ-RUS)
<b>M12</b>	17424	13-4	1420	Mon	548 548 548 1 353 84 353 84 78483 26888 16133 7... 03925 66945 49762 000 000	CW	(AB-RUS/MPJ)
<b>M12</b>	17424	15-4	1420	Wed	548 548 548 1 353 84 353 84 78483 26888 16133 ... 03925 66945 49762 000 000	CW	(AB-RUS)
<b>M12</b>	17424	20-4	1420	Mon	548 548 548 000	CW	(AB/MPJ)
<b>M12</b>	17424	22-4	1420	Wed	548 548 548 000	CW	(AB-RUS)
<b>M12</b>	17424	27-4	1420	Mon	548 548 548 1 253 42 253 42 65855 32366 75552 ... 64505 27768 77399 08709 62613 000 000	CW	(AB/MPJ)
<b>M12</b>	17424	29-4	1420	Wed	548 548 548 1 253 42 253 42 65855 32366 75552 ... 64505 27768 77399 08709 62613 000 000	CW	(AB)
<b>M12</b>	18524	1-4	1400	Wed	548 548 548 1 5599 110 5599 110 76607 98471 44070 ... 76565 76285 12874 000 000	CW	(AB-RUS)
<b>M12</b>	18524	6-4	1400	Mon	548 548 548 1 5599 110 5599 110 76607 98471 44070 ... 76565 76285 12874 000 000	CW	(AB-RUS/HFD)
<b>M12</b>	18524	8-4	1400	Wed	548 548 548 1 5599 110 5599 110 76607 98471 44070 ... 76565 76285 12874 000 000	CW	(AB-RUS/MPJ-RUS)
<b>M12</b>	18524	13-4	1400	Mon	548 548 548 1 353 84 353 84 78483 26888 16133 7... 03925 66945 49762 000 000	CW	(AB-RUS/MPJ)
<b>M12</b>	18524	15-4	1400	Wed	548 548 548 1 353 84 353 84 78483 26888 16133 ... 03925 66945 49762 000 000	CW	(AB-RUS)
<b>M12</b>	18524	20-4	1400	Mon	548 548 548 000	CW	(AB/MPJ)

<b>M12</b>	18524	22-4	1400	Wed	548 548 548 000	CW	(AB-RUS)
<b>M12</b>	18524	27-4	1400	Mon	548 548 548 1 253 42 253 42 65855 32366 75552 ... 64505 27768 77399 08709 62613 000 000	CW	(AB/MPJ)
<b>M12</b>	18524	29-4	1400	Wed	548 548 548 1 253 42 253 42 65855 32366 75552 ... 64505 27768 77399 08709 62613 000 000	CW	(AB-QAT)
<b>M14</b>	4650	4-4	0900	Sat	523 200 200 33 33 = = 12579 45890 32157 ... 76678 54546 12213 = = 200 200 33 33 00000	MCW	(AB-RUS)
<b>M14</b>	4650	11-4	0900	Sat	523 732 732 32 32 98878 54347 07091 ... 77277 56734 98890 732 732 32 32 00000	MCW	(AB-RUS)
<b>M14</b>	4650	18-4	0900	Sat	523 200 33 33 = = 60945 70231 40431 ... 60323 47800 81362 = = 200 200 33 33 00000	MCW	(AB-RUS)
<b>M14</b>	4650	25-4	0900	Sat	523 200 200 33 33 = = 60945 70231 40431 ... 60323 47800 81362 = = 200 200 33 33 00000	MCW	(AB-RUS)
<b>M14</b>	4730	4-4	0800	Sat	523 200 200 33 33 = = 12579 45890 32157 ... 76678 54546 12213 = = 200 200 33 33 00000	MCW	(AB-RUS)
<b>M14</b>	4730	11-4	0800	Sat	523 732 732 32 32 98878 54347 07091 ... 77277 56734 98890 732 732 32 32 00000	MCW	(AB-RUS)
<b>M14</b>	4730	18-4	0800	Sat	523 2222222222 pause 000000000000000000000000000000008 pause 333 333 = 8 = 600945 06945 70231 ... 60323 47800 81362 = =	MCW	(AB-RUS)
<b>M14</b>	4730	25-4	0800	Sat	523 200 200 33 33 = = 60945 70231 40431 ... 60323 47800 81362 = = 200 200 33 33 00000	MCW	(AB-RUS)
<b>M14</b>	4890	5-4	2300	Sun	617 ... (too weak to copy)	MCW	(AB)
<b>M14</b>	5463	29-4	1920	Wed	537 505 505 33 33 = = 60945 70231 40431 ... 60323 46800 81362 = = 505 505 33 33 00000	MCW	(AB)
<b>M14</b>	5936	28-4	1820	Tue	346 505 505 33 33 = = 60945 70231 40431 ... 60323 46800 81362 = = 505 505 33 33 00000	MCW	(AB/MPJ)
<b>M14</b>	5952	14-4	1820	Tue	346 505 505 33 33 = = 60945 70231 40431 ... 60323 47800 81362 = = 505 505 33 33 00000	MCW	(AB/MPJ)
<b>M14</b>	10545	16-4	1231	Thu	458 458 458 00000	CW	(F5JBR)
<b>M14</b>	15994	11-4	0930	Sat	617 395 395 238 238 = = 25378 00381 36358 ... 44180 16274 40687 = = 395 395 238 238 00000	CW	(AB)
<b>M14</b>	15994	26-4	0930	Sun	617 204 204 198 198 = = 72831 02592 06914 ... 09615 86408 40630 = = 204 204 198 198 00000	CW	(AB)
<b>M14</b>	17458	10-4	0930	Fri	617 395 395 238 238 = = 25378 00381 36358 ... 44180 16274 40687 = = 395 395 238 238 00000	CW	(AB)
<b>M14</b>	17458	25-4	0930	Sat	617 204 204 198 198 = = 72831 02592 06914 ... 09615 86408 40630 = = 204 204 198 198 00000	CW	(AB)
<b>M21</b>	6793.5	16-4	1751	Thu	Russian Air Defense =990651??8????? =990653??8????? =990655??8?????	CW	(WP3)
<b>M22</b>	4331	24-4	2025	Fri	VVV DE 4XZ 4XZ = =	CW	(PP)
<b>M22</b>	6607	15-4	1929	Wed	VVV DE 4XZ 4XZ = =	CW	(AB)
<b>M32</b>	3843	16-4	1743	Thu	513 513 513 1515 RPT 513 513 513 1515 XXX 1RIV KONTRAST 1515 K XXX K	CW	(F5JBR)
<b>M32</b>	13404	20-4	0744	Mon	L1M4 L1M4 L1M4 + QTC + L1M4 L1M4 L1M4 467 25 20 1041 467 = 287 = DDDDD RWPZR FQSGN GTUBA ... FFHKK NUOOD WPPWE	CW	(AB)
<b>M32</b>	13404	25-4	0750	Sat	i.p. 45 132 = 886 = 54367 10851 54782 ... 98487 42419 86350 25021 K ZW1G K L1IF K L1IF QRU K	CW	(AB)
<b>M32a</b>	8130	24-4	1359	Fri	RDL RDL RDL 22991 60696 22991 60696 22991 60696 K	CW	(AB)
<b>M32b</b>	8816	2-4	0851	Thu	rjf94 rjc38 de 52287 qqm XLAA 0851 sk	CW	(WP3)
<b>M32b</b>	8816	2-4	1014	Thu	rjf94 de 52287 qto 1003 qrd XLMD XLAA qre 1150 qbd 0450 k qth 16644 13520 qtr 1104 qbg 5500 k qqm XLMD 1207	CW	(WP3)
<b>M32b</b>	8816	2-4	1325	Thu	rjf94 rjc38 de 52287 qto 1315 qrd XLAA XLMD qre 1500 qbd 0520 k qth 16617 13651 qtr 1415 qbg 5800 k qqm XLAA	CW	(WP3)
<b>M32b</b>	8816	2-4	1630	Thu	rjf94 rjc38 de 52287 qto 1615 qrd XLMD XLAA qre 1810 qbd 0450 k qth 16651 13457 qtr 1716 qbg 5500 k qqm XLMD	CW	(WP3)
<b>M32c</b>	8029	14-4	0900	Tue	Russian Air Force Tu-95MS Bear H net. W-marker	CW	(F5JBR)
<b>M32c</b>	8029	15-4	0700	Wed	Russian Air Force Tu-95MS Bear H net. W-marker	CW	(F5JBR)
<b>M41</b>	4034.8	9-4	1526	Thu	Y3DN 7221948 504 08812 59165 72150 1823 ABV 7221948 504 08812 59165 72150 1823 Y3DN K	CW	(F5JBR)

<b>M41</b>	4044.5	2-4	1617	Thu	0091394512587716016 722581915870 16 721194914045895851287230017 722194 914145323721375215017 K	CW	(F5JBR)
<b>M41</b>	4441.3	2-4	0707	Thu	8500083954444 8500083954545 5178500 7180511900 8500083955346 8500083955447 8500083959548 8500082353849	CW	(F5JBR)
<b>M41</b>	4451.8	2-4	1516	Thu	7221 9485040873738128710451809 ABV 7221 948504087 3738 12871045 1809 Y3DN K	CW	(F5JBR)
<b>M41</b>	4475	14-4	1218	Tue	VVVV TDE9 TDE9 72219458040881259165721501520 TDE9 72219458040881259165721501520 ARá	CW	(F5JBR)
<b>M41</b>	4867.5	4-4	0702	Sat	OSL6: 722194 890 00881017165222100 957 ABV 722194 890 00881017165222100 957 OSL6 K	CW	(F5JBR)
<b>M41</b>	4867.5	13-4	0550	Mon	19599840 8890 48 1295 00000 845 ABV 19599840 8890 48 1295 00000 845 SL5 OSL6 K 5 OL	CW	(F5JBR)
<b>M41</b>	4913.5	22-4	0730	Wed	RPT 14320401025 K 009737087956791001029 511800 9668087605230 9739080352230	CW	(F5JBR)
<b>M41</b>	4913.6	11-4	0505	Sat	PVDF PVDF 71219487000871499 12 8810900800 RPT 71219487000871499 12 8810900800 K VVV VVV VVV	CW	(F5JBR)
<b>M41</b>	4945.1	15-4	0709	Wed	873810 RPT 008500 087 38 22 1010 5178500 8780 511 800 8500 0873828 11	CW	(F5JBR)
<b>M41</b>	4945.1	18-4	0734	Sat	8500 087 3888 34 8500 087 3887 35 517 8500 7180 511 800 8500 087 3053 36	CW	(F5JBR)
<b>M41</b>	4945.1	22-4	0710	Wed	i.p. 8500 1010 K	CW	(F5JBR)
<b>M41</b>	4959	11-4	1232	Sat	i.p. OSL6 K VVV VVV VVV	CW	(F5JBR)
<b>M41</b>	4959	18-4	0735	Sat	85000 87388233 858005 85000 87388834 85000 87 388735 85007180511800	CW	(F5JBR)
<b>M41</b>	4959	22-4	0710	Wed	VVVVVV EEEEE 8500082141609 and 19285001010 VVV VVV VVV EEEEE	CW	(F5JBR)
<b>M41</b>	5224.5	17-4	0900	Fri	VVV OSL6 OSL6 72219485010 82 989612871010 1204 ABV 72219485010 82 989612871010 1204 QSL6 K	CW	(AB)
<b>M41</b>	5402.5	15-4	0641	Wed	OSL6 OSL6 AR VVV VVV VVV VVVá	CW	(F5JBR)
<b>M41</b>	5402.5	26-4	0620	Sun	OSL6 VVVVVV and 26-APRIL-20 (F5JBR)	CW	(F5JBR)
<b>M41</b>	5434.5	14-4	0908	Tue	7221948502265 2065161721901205 ABV 7221948502265 2065161721901205 OSL6 K	CW	(F5JBR)
<b>M41</b>	5833.5	10-4	0705	Fri	VVVV VVVV 8500 82174327 K	CW	(F5JBR)
<b>M41</b>	6784.5	12-4	0509	Sun	PBSN PBSN AR	CW	(F5JBR)
<b>M42</b>	4903	10-4	0518	Fri	Russian diplo/intel Orenburg/Chita link. 11100 60102 00000 10059 01009 = QWGHQ RUYWQ IOFLQ ... QSX 6793 kHz	CW	(F5JBR)
<b>M42</b>	5585	12-4	0651	Sun	Message 5LGs. QSX 5917 kHz	CW	(F5JBR)
<b>M42</b>	5885	11-4	0703	Sat	Russian diplo/intel Orenburg/Chita link. 11100 60102 00000 11033 01003 = OLTVV LWARB ABLDJ ... QSX 5917 kHz	CW	(F5JBR)
<b>M42</b>	5917	10-4	0518	Fri	Russian diplo/intel Orenburg/Chita link. QSX 5885 kHz	CW	(F5JBR)
<b>M42</b>	5917	12-4	0651	Sun	Message 5LGs. QSX 5885 kHz	CW	(F5JBR)
<b>M42</b>	6793	10-4	0518	Fri	Russian diplo/intel Orenburg/Chita link. QSX 4903 kHz	CW	(F5JBR)
<b>M42</b>	6863	16-4	1155	Thu	RGP wkg RGG: RGP de RGG QSY 11048	CW	(F5JBR)
<b>M42</b>	10536	17-4	0620	Fri	Opchat: 83238 Т 26909 K K and traffic in FSK 100/500 Opchat: VVV QSA 3 K	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42</b>	12222	6-4	0640	Mon	Russian diplo.	3000Bd 8PSK + MFSK-66	(AB)
<b>M42</b>	12222	6-4	0652	Mon	Russian diplo.	3000Bd 8PSK + MFSK-66	(AB)



<b>M42</b>	13536	1-4	0710	Wed	Russian diplo/intel. RAU RAU RAU 2/600 Headers: 11100 60070 14563 01007 03009 and 11100 60070 36541 01008 03009	Baudot ITA2 75/500	(AB)
<b>M42a</b>	9543	26-4	0411	Sun	VVV VVV QSA 3 K NW T T 69729 T 82325 T 59413 K T T K	CW	(F5JBR)
<b>M42a</b>	10415	26-4	0725	Sun	51730 K T T T K	CW	(F5JBR)
<b>M42b</b>	3105	19-4	1809	Sun	KU8I wkg PGUN	CW	(F5JBR)
<b>M42b</b>	3157	19-4	1811	Sun	KU8I wkg PGUN	CW	(F5JBR)
<b>M42b</b>	4011	3-4	0630	Fri	G3WM wkg SK8I	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42b</b>	4011	22-4	0652	Wed	G3WM wkg SK8I	CW	(F5JBR)
<b>M42b</b>	4041	18-4	1143	Sat	QTC1 ZTH K. QYD1 PBL K. ZTH 791 100 18 1130 4563 K. CFM QRU NIL SK	CW	(F5JBR)
<b>M42b</b>	4498	2-4	1453	Thu	UORW wkg PRIL QSA NO QSY 52672 QSA NO SK	CW	(F5JBR)
<b>M42b</b>	4498	9-4	1453	Thu	UOGW wkg PRIL QSY 99536 K. QSA NO SK	CW	(F5JBR)
<b>M42b</b>	4527	16-4	1246	Thu	6RYZ wkg unid: K. R 821 1253 QRU NIL SK (message in Baudot 50/500)	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42b</b>	4541	10-4	0657	Fri	TBJC wkg EZKL QTC1	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42b</b>	4547	15-4	0834	Wed	MRLC wkg BZTJ. QSY 86488 QSA NO SK	CW	(F5JBR)
<b>M42b</b>	4547	16-4	0831	Thu	MRLC wkg BZTJ: QSY 19915. QSA NO SK	CW	(F5JBR)
<b>M42b</b>	4547	18-4	0830	Sat	MRLC wkg BZTJ: QSA3 QRU? K. R 788 0839 OK SLV	CW	(F5JBR)
<b>M42b</b>	4611	15-4	0722	Wed	SN7D wkg G5OP. QTC1 QRU NIL SK (QX 5128 kHz)	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42b</b>	4741	20-4	0711	Mon	1LPK wkg W310 QSY 26436 QSA 3 QRU NIL SK	CW	(F5JBR)
<b>M42b</b>	4762	10-4	1144	Fri	IRWN wkg TOAM QSY 86819 and QSA NO SK	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42b</b>	4762	17-4	1150	Fri	TOAM TOAM TOAM DE IRWN IRWN QSY 86257 QSY 86 V. QSA NIL K	CW	(AB)
<b>M42b</b>	4958	9-4	1444	Thu	UOGW wkg PRIL QSY 99536	CW	(F5JBR)
<b>M42b</b>	5119	15-4	0820	Wed	NET Station wkg 1 outstation	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42b</b>	5172	4-4	1413	Sat	M8MA wkg IK7R. Opchat in CW: QSA 2 QSY 69203 QSA NO QSY 67189 QSA NO QSY 66297 QSA 4 QTC1 ZTC followed y a mess	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42b</b>	5223	15-4	0825	Wed	MRLC wkg BZTJ	CW	(F5JBR)
<b>M42b</b>	5223	16-4	0822	Thu	MRLC wkg BZTJ: QSY 28419	CW	(F5JBR)
<b>M42b</b>	5223	17-4	0825	Fri	BZTJ BZTJ BZTJ DE MRLC MRLC QSY 29787 K. BZTJ BZTJ BZTJ DE MRLC MRLC K QSY 29787 QSY 29787 K	CW	(AB)
<b>M42b</b>	5267	10-4	1137	Fri	IRWN wkg TOAM QSY 75437	CW	(F5JBR)
<b>M42b</b>	5271	10-4	1007	Fri	BDUW wkg QRU NIL SK. QX 6831 kHz	CW	(F5JBR)
<b>M42b</b>	5328	10-4	0620	Fri	WL4I wkg BFRN QRU NIL SK. QX 5833 kHz	CW + Baudot ITA2 50/500	(F5JBR)

<b>M42b</b>	5328	11-4	0619	Sat	WL4I wkgd BFRN QRU NIL SK. QSX 5833 kHz	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42b</b>	5328	16-4	0620	Thu	QSX on 5833 kHz. BFRV BRFV BRFV DE WL4I WL4I 331 103 16 0620 5382 = 43711 21270 02056 ... 82460 19450 11714 =10	CW + Baudot ITA2 50/500	(AB)
<b>M42b</b>	5328	17-4	0618	Fri	BFRV BFRV BFRV DE WL4I WL4I K. QSA3 QAT G1 ZCZ K. 336 101 17 62356 76369 62752 ... 39427 04187 36806 =100= 3888	CW + Baudot ITA2 50/500	(AB)
<b>M42b</b>	5328	18-4	0620	Sat	BFRV BFRV DE QSA EEEEE K QSA3 QRU? K. R 147 0622 K. QTC1 ZCZ K. 60 EEEE NW = 3411021 80620532 K. CFM NIL SK (Q	CW	(AB)
<b>M42b</b>	5328	21-4	0619	Tue	WL4I wkg BFRN QRU NIL SK	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42b</b>	5328	22-4	0618	Wed	BFRW BFRW BFRW DE RLSI WL1I K QSA4 QSA? K BFRW BFRW BFRW DE WL4I WL4I QSA3 QRU? K ZVJ K	CW	(AB-POL)
<b>M42b</b>	5328	23-4	0620	Thu	QSX on 5833 kHz. 363 101 23 0620 2468 = NW NW 363 101 23 0620 1357 = CFM NIL QRU? K OK NIL K R 1390628 K NIL SK	CW + Baudot ITA2 50/500	(AB)
<b>M42b</b>	5328	24-4	0620	Fri	BFRW BFRW BFRWV DE WL4I WL4I K 368 102 24 7620 82273 87760 71505 ... 69213 53179 =100= 46583 23749	CW + Baudot ITA2 50/500	(AB-POL)
<b>M42b</b>	5328	29-4	0612	Wed	BFRW BFRW BFRW DE WL4I WL4I K 393 101 29 0620 6941 = 31078 04698 79903 ... 60526 39348 =100= 75922 -	CW + Baudot ITA2 50/500	(AB-POL)
<b>M42b</b>	5328	30-4	0619	Thu	BPFW BPFW BPFW BPFW DE WL4I 398 103 30 0620 5314 = 45791 32704 51475 =100= 67225 54727 11380 -0624	CW + Baudot ITA2 50/500	(AB-POL)
<b>M42b</b>	5532	18-4	1542	Sat	Net Control wkg outstation. Message in RTTY. Opchat: QRU? K. QRV R 747 1550 K. QRU NIL SK	CW	(F5JBR)
<b>M42b</b>	5732	21-4	0524	Tue	FGDE wkg CNOX QTC1 K ZTH 317 100 21 0525 1234 = K QRU ? K QNIL SK	CW	(F5JBR)
<b>M42b</b>	5751	14-4	0740	Tue	R 836 0740 QRU NIL SK	CW	(F5JBR)
<b>M42b</b>	5805	15-4	0643	Wed	QRV K. R 241 0651. QTC1 CFM NIL SK	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42b</b>	5805	16-4	1244	Thu	HKDR wkg BV6K. Opchat: K. R 821 1253 QRU NIL SK (message in Baudot 50/500)	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42b</b>	5805	17-4	1249	Fri	HKDR wkg BV6K: QSO QSO NO QSY 51769	CW	(F5JBR)
<b>M42b</b>	5805	20-4	1244	Mon	HKDR wkg BV6K QTC1 QRU NIL SK (QX 5150 kHz)	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42b</b>	5833	17-4	0604	Fri	VVV VVV WL4I L41 L51 L41 BBFRV BFRV QSA3 QSA? K (hasty fast CW sent as one string) OK ZVP K BK QRU K K R336 062	CW	(AB)
<b>M42b</b>	5833	18-4	0610	Sat	VVV VVV SK QSA3 QSA? K. QTC1 SLD K. NW NW 1471001 806206138 K. CFM QRU? K. OK ZTHJ NIL K. R 23100626 K. NIL SK	CW	(AB)
<b>M42b</b>	5833	23-4	0621	Thu	QSX on 5328 kHz. BRZT HPBD K R 3639623 K QTC1 SDK K NW = 139 100 23 0620 1386 K CFM NIL K SK	CW	(AB)
<b>M42b</b>	5833	24-4	0609	Fri	VVV WL4I WL4I WL4I BFRW K 241 100 24 0620 4521 = 94892 97425 32023 ... 52465 15951 07452 =100= CFM NIL SK	CW	(AB-POL)
<b>M42b</b>	5883	4-4	1403	Sat	M8MA wkg IK7R QSA NO QSY 68289	CW	(F5JBR)



<b>M42b</b>	5921	10-4	0548	Fri	WDAK wkg UOZG QRU NIL SK. QSX 5471 kHz	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42b</b>	5921	11-4	0549	Sat	WDAK wkg UOZG QRU NIL SK. QSX 5471 kHz	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42b</b>	5921	12-4	0549	Sun	WDAK wkg UOZG QRU NIL SK. QSX 5471	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42b</b>	5921	21-4	0549	Tue	WDAK wkg UOZG QRU NIL SK	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42b</b>	6771	14-4	0742	Tue	QRV K. R 117 0745. NIL SK	CW	(F5JBR)
<b>M42b</b>	6774	10-4	1211	Fri	i.p. R 448 1211 QTC1 ZCZ QRU NIL SK 73	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42b</b>	6774	14-4	0740	Tue	P6NE QSAá? K QSA4 K ZLV K R113 0740 K SKá	CW	(F5JBR)
<b>M42b</b>	6969	8-4	1301	Wed	GENS wkg DTMU QSA NO QSY 37914 K. QSA3 QTC1 ZCZ	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42b</b>	7547	9-4	1533	Thu	MN7L wkg IMSK QRV R366 1541 K. QTC1 ZCZ	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42b</b>	7591	22-4	0734	Wed	Netcontrol wkg 1 outstation R 001 0737 QRU NIL SK	CW	(F5JBR)
<b>M42b</b>	8047	8-4	0721	Wed	i.p. ... 41126 60727 94095 =150= 26694 -0723	Baudot ITA2 50/500	(AB)
<b>M42b</b>	8067	8-4	0718	Wed	rtty just ended. Opchat in CW: K K OK QLO2 K	CW	(AB)
<b>M42b</b>	8167	9-4	1533	Thu	MN7L wkg IMSK QSW 78967	CW	(F5JBR)
<b>M42b</b>	9379	22-4	0733	Wed	Netcontrol wkg 1 outstation CFM QRU NIL SK	CW	(F5JBR)
<b>M42b</b>	12121	1-4	0802	Wed	SXPH SXPH SXPH FXKA FXKA K 157 100 1 0800 1402 SXPH SXPH SXPH DE FXKA FXKA K QSY 0975 QSY 09705	CW + Baudot ITA2 50/500	(AB)
<b>M42b</b>	12121	2-4	0802	Thu	S5W8 S5W8 S5W8 DE M QTC1 ZCZ ZVP SLD K 157 100 2 0805 9407 60723 47979 03069 ... 28665 80956 08867 =100= -0808	CW + Baudot ITA2 50/500	(AB)
<b>M42b</b>	12121	4-4	0803	Sat	Opchat in CW: K9M1 K9M1 K9M1 DE WSJ8 QTC1 ZCZ ZVP SLD K 46464646464646 159 100 4 0758 4178	CW + Baudot ITA2 50/500	(AB)
<b>M42b</b>	12121	6-4	0801	Mon	XN6O XN6O XN6O DE 3LSG 3LSG K 160 100 6 0800 7853 = 26695 76962 50924 ... 10971 02324 95350 =100= -0805=	CW + Baudot ITA2 50/500	(AB)
<b>M42b</b>	12121	8-4	0804	Wed	Opchat in CW: K EAGN EAGN QTC1 K. Traffic: 162 100 8 0807 44997 162 100 8 0807 44997 162 100 8 0807 44997	CW + Baudot ITA2 50/500	(AB)
<b>M42b</b>	12121	15-4	0802	Wed	Opchat in CW: S <sub>T</sub> VJ SA. RTTY: 169 100 15 0800 9043 = 95187 24634 99868 ... 74812 29641 67847 =100= -0805=	CW + Baudot ITA2 50/500	(AB)
<b>M42b</b>	12121	20-4	0801	Mon	6J11 6J11 6J11 DE 2-NH 2-NH 174 100 20 0800 6688= 76224 20207 88232 ... 29901 91904 30683 =100= -0804=	CW + Baudot ITA2 50/500	(AB)
<b>M42b</b>	12121	24-4	0804	Fri	i.p. OK QSW 82548 K	CW	(AB-POL)
<b>M42b</b>	12121	25-4	0804	Sat	085N QSA4 QRU? K OKE SLV K 179 100 25 0801 9573 = 68137 19040 25915 ... 42950 93672 56763 =100= -0812=	CW + Baudot ITA2 50/500	(AB)
<b>M42b</b>	12121	28-4	0756	Tue	VVV X46B X46B X46B DE 3LSG 3LSG K QTC1 ZCZ ZVP SLD K QSY 875 QSY 87565 K CFM TT	CW	(AB)

<b>M42b</b>	13922	10-4	0800	Fri	JOZB wkg MR4V QRU NIL SK. QSX 14456 kHz	CW	(F5JBR)
<b>M42b</b>	13922	13-4	0800	Mon	DVS7 wkg PVST. QSX 14456 kHz	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42b</b>	13922	15-4	0800	Wed	1ELM wkg S <sub>T</sub> VJ.OK QSW 06986	CW	(F5JBR)
<b>M42b</b>	13922	17-4	0800	Fri	L92V wkg I1TH: QRV K. R 852 0807 K. QTC1 (message) QRU? K. QRU NIL SK. QSX on 14456 kHz	CW + Baudot ITA2 50/500	(F5JBR)
<b>M42b</b>	13922	20-4	0800	Mon	2 <sub>T</sub> NH wkg 6JI1 OK QSW 21879 K	CW	(F5JBR)
<b>M42b</b>	14456	22-4	0804	Wed	K9M1 wkg WSJ8 OK QSY 49549 QSY 48920 21879 K)BR)	CW	(F5JBR)
<b>M42b</b>	14556	15-4	0802	Wed	S <sub>T</sub> VJ wkg 1ELM	CW + Baudot ITA2 50/500	(F5JBR)
<b>M51b</b>	3881	28-4	1302	Tue	Non-stop 5-character groups composed of M51a messages //6825 kHz	CW	(AB)
<b>M51b</b>	6825	28-4	1302	Tue	Non-stop 5-character groups composed of M51a messages //3881 kHz	CW	(AB)
<b>M89</b>	2984	24-4	1426	Fri	V QWS1 (x3) DE 87DS (x2)	CW	(JPL)
<b>M89</b>	3238	6-4	1237	Mon	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
<b>M89</b>	3238	9-4	1108	Thu	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
<b>M89</b>	3238	14-4	1014	Tue	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
<b>M89</b>	3238	14-4	1712	Tue	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
<b>M89</b>	3238	16-4	1912	Thu	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
<b>M89</b>	3238	17-4	1333	Fri	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
<b>M89</b>	3238	19-4	1251	Sun	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
<b>M89</b>	3238	20-4	1808	Mon	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
<b>M89</b>	3238	23-4	1548	Thu	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
<b>M89</b>	3238	24-4	1417	Fri	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
<b>M89</b>	3238	25-4	1126	Sat	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
<b>M89</b>	3238	27-4	1126	Mon	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
<b>M89</b>	3238	29-4	1003	Wed	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
<b>M89</b>	3531	24-4	1448	Fri	i.p. 736A 5N73 54UN 7464 ... AR QSL ? K R QSL 2250 K R OK RHR WK NR 16 K R HR WK NR 20 K R NIL SK K R NIL SK	CW	(JPL)
<b>M89</b>	3545	14-4	1725	Tue	i.p. N64U UU45 UN6A UUD6 3T3A 76NN ...	CW	(JPL)
<b>M89</b>	3850	16-4	1920	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 6840	CW	(JPL)
<b>M89</b>	3850	20-4	1820	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 6840	CW	(JPL)
<b>M89</b>	4106	24-4	1413	Fri	i.p. 5A67 357U 65T7 U356 ...	CW	(JPL)
<b>M89</b>	4131	6-4	1207	Mon	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
<b>M89</b>	4131	6-4	2306	Mon	V JKDJ (x3) DE SLBC (x2) //4886	CW	(JPL)
<b>M89</b>	4131	9-4	1254	Thu	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
<b>M89</b>	4131	10-4	2249	Fri	V JKDJ (x3) DE SLBC (x2) //4886	CW	(JPL)
<b>M89</b>	4131	13-4	1220	Mon	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
<b>M89</b>	4131	13-4	1728	Mon	V JKDJ (x3) DE SLBC (x2) //4886	CW	(JPL)
<b>M89</b>	4131	14-4	1717	Tue	V JKDJ (x3) DE SLBC (x2) //4886	CW	(JPL)

M89	4131	17-4	1338	Fri	V JKDJ (x3) DE SLBC (x2) //4886	CW	(JPL)
M89	4192	9-4	1114	Thu	V 2B7D (x3) DE 3GR1 (x2) //4489	CW	(JPL)
M89	4192	16-4	1926	Thu	V 2B7D (x3) DE 3GR1 (x2)	CW	(JPL)
M89	4192	23-4	1114	Thu	V 2B7D (x3) DE 3GR1 (x2) //4489 sending different roundslip	CW	(JPL)
M89	4192	24-4	1430	Fri	V 2B7D (x3) DE 3GR1 (x2) //4489 sending different roundslip	CW	(JPL)
M89	4192	25-4	1127	Sat	V 2B7D (x3) DE 3GR1 (x2) //4489 sending different roundslip	CW	(JPL)
M89	4489	9-4	1114	Thu	V HFL2 (x3) DE M6NY (x2)	CW	(JPL)
M89	4489	10-4	2248	Fri	V HFL2 (x3) DE M6NY (x2)	CW	(JPL)
M89	4489	13-4	1754	Mon	V HFL2 (x3) DE M6NY (x2)	CW	(JPL)
M89	4489	14-4	1158	Tue	V HFL2 (x3) DE M6NY (x2)	CW	(JPL)
M89	4489	14-4	1715	Tue	V HFL2 (x3) DE M6NY (x2)	CW	(JPL)
M89	4489	17-4	1336	Fri	V HFL2 (x3) DE M6NY (x2)	CW	(JPL)
M89	4489	19-4	1254	Sun	V HFL2 (x3) DE M6NY (x2)	CW	(JPL)
M89	4489	23-4	1551	Thu	V HFL2 (x3) DE M6NY (x2) //4192 sending different roundslip	CW	(JPL)
M89	4489	24-4	1430	Fri	V HFL2 (x3) DE M6NY (x2) //4192 sending different roundslip	CW	(JPL)
M89	4489	25-4	1127	Sat	V HFL2 (x3) DE M6NY (x2) //4192 sending different roundslip	CW	(JPL)
M89	4489	27-4	1128	Mon	V HFL2 (x3) DE M6NY (x2)	CW	(JPL)
M89	4513	13-4	1757	Mon	I.P. 4D37 57U5 AR QSL ? K. R OK K. R HR WK NR 32 K. R NIL SK GB	CW	(JPL)
M89	4860	3-4	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //8390 and 8290 and 6840	CW	(JPL)
M89	4860	13-4	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8290	CW	(JPL)
M89	4860	13-4	1220	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8290 and 8360	CW	(JPL)
M89	4860	16-4	1920	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 6840	CW	(JPL)
M89	4860	20-4	1820	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 6840	CW	(JPL)
M89	4860	25-4	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8290 and 8360	CW	(JPL)
M89	4860	27-4	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8290 and 8360	CW	(JPL)
M89	4870	6-4	1237	Mon	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4870	6-4	2308	Mon	V M8JF (x3) DE RIS9 (x2) //6874 and 8157	CW	(JPL)
M89	4870	9-4	1108	Thu	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4870	10-4	2244	Fri	V M8JF (x3) DE RIS9 (x2) //6874 and 8157	CW	(JPL)
M89	4870	13-4	1221	Mon	V M8JF (x3) DE RIS9 (x2)	CW	(JPL)
M89	4870	14-4	1014	Tue	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4870	14-4	1712	Tue	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4870	16-4	1912	Thu	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4870	16-4	1912	Thu	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	4870	17-4	1333	Fri	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4870	19-4	1251	Sun	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4870	20-4	1808	Mon	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4870	23-4	1548	Thu	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4870	24-4	1417	Fri	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)

M89	4870	25-4	1126	Sat	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4870	27-4	1126	Mon	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4870	29-4	1003	Wed	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4885	14-4	1717	Tue	V JKDJ (x3) DE SLBC (x2) //4131	CW	(JPL)
M89	4886	6-4	2306	Mon	V JKDJ (x3) DE SLBC (x2) //4131	CW	(JPL)
M89	4886	10-4	2249	Fri	V JKDJ (x3) DE SLBC (x2) //4131	CW	(JPL)
M89	4886	13-4	1728	Mon	V JKDJ (x3) DE SLBC (x2) //4131	CW	(JPL)
M89	4886	16-4	1919	Thu	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	4886	17-4	1338	Fri	V JKDJ (x3) DE SLBC (x2) //4131	CW	(JPL)
M89	4898	9-4	1258	Thu	V QWS1 (x3) DE 87DS (x2)	CW	(JPL)
M89	4898	20-4	1814	Mon	V QWS1 (x3) DE 87DS (x2) Note: roundslip sending QWS1 DE T7DS vice 87DS. This roundslip last heard 09 Apr 20.	CW	(JPL)
M89	5159	19-4	1246	Sun	i.p. 3U6N 54UD D36N ...	CW	(JPL)
M89	5177	7-4	1056	Tue	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	5177	14-4	1005	Tue	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	5253	20-4	0649	Mon	i.p. NU63 D453 N77T 5N5U ...	CW	(JPL)
M89	5468	9-4	1132	Thu	i.p. B2H3/N4C1 AR SF F F NR 1259/EX 2032 = B2H3/N4C1 AR F F F NR 1259/EX 2032 = B2H3/N4C1 AR K	CW	(JPL)
M89	5501	7-4	1058	Tue	i.p. N43U 543D 4573 AUD3	CW	(JPL)
M89	5525	7-4	1059	Tue	i.p. 6AUN 5UAN DU47 TA76 63A7	CW	(JPL)
M89	5656	20-4	1245	Mon	i.p. HR RPT TIME = 2040 2040 AR R GA R = = 47A5 6D3. T5A6 UN34 NDU4 (Cont'd)	CW	(JPL)
M89	5688	20-4	1240	Mon	i.p. TO 4158 K = AAJ6 U/GUEEEEE = A1B3/G2RT9 AR K	CW	(JPL)
M89	5691	7-4	1121	Tue	V HFL2 (x3) DE M6NY (x2)	CW	(JPL)
M89	5691	9-4	0716	Thu	V HFL2 (x3) DE M6NY (x2)	CW	(JPL)
M89	5691	24-4	0752	Fri	V HFL2 (x3) DE M6NY (x2) //7653 sending different roundslip	CW	(JPL)
M89	5691	29-4	1005	Wed	V HFL2 (x3) DE M6NY (x2)	CW	(JPL)
M89	5714	7-4	1059	Tue	i.p. R U GA K R GA K R RPT 05W TO 06W K	CW	(JPL)
M89	5782	9-4	1242	Thu	i.p. UA6T 4U45 654A T54D 7U67 6D4D ... AR K RPT K RPT 38 TO 39W = 56N3 U5U4 AR K K R OK K RPT K K R GA K	CW	(JPL)
M89	5811	9-4	1242	Thu	i.p. 5D76 5NT6 76DU U644 6NAN ...	CW	(JPL)
M89	5961	14-4	1019	Tue	V HFL2 (x3) DE M6NY (x2)	CW	(JPL)
M89	6616	20-4	0645	Mon	i.p. NAUD A656 NA43 A55N ...	CW	(JPL)
M89	6740	23-4	0826	Thu	(i.p. A43U 5AT4 3AU4 5AT3 3333 AR QSL ? K R U 7G GA K	CW	(JPL)
M89	6840	3-4	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //8390 and 8290 and 4860	CW	(JPL)
M89	6840	9-4	0720	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //8390 and 8290 and 10640	CW	(JPL)
M89	6840	10-4	2320	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //8290	CW	(JPL)
M89	6840	13-4	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 8290	CW	(JPL)
M89	6840	13-4	1220	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 8290 and 8360	CW	(JPL)
M89	6840	14-4	1020	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //8290 and 8360 and 10640	CW	(JPL)

M89	6840	16-4	1920	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860	CW	(JPL)
M89	6840	20-4	0620	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //8290 and 8360 and 10640	CW	(JPL)
M89	6840	20-4	1820	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860	CW	(JPL)
M89	6840	23-4	0820	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //8290 and 8360 and 10640	CW	(JPL)
M89	6840	24-4	0820	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //8290 and 8360 and 10640	CW	(JPL)
M89	6840	25-4	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 8290 and 8360	CW	(JPL)
M89	6840	27-4	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 8290 and 8360	CW	(JPL)
M89	6840	29-4	0920	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //8290 and 8360 and 10640	CW	(JPL)
M89	6874	6-4	2308	Mon	V M8JF (x3) DE RIS9 (x2) //4870 and 8157	CW	(JPL)
M89	6874	9-4	0712	Thu	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	6874	10-4	2244	Fri	V M8JF (x3) DE RIS9 (x2) //4870 and 8157	CW	(JPL)
M89	6874	19-4	0718	Sun	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	6874	20-4	0055	Mon	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	6874	23-4	0909	Thu	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	6874	24-4	0749	Fri	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	6874	25-4	0243	Sat	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	7354	23-4	0820	Thu	i.p. 445A 7T33 3T3T 43T5 44TT TTT73 TT7A 4TAA AATT 3UNN ...	CW	(JPL)
M89	7620	14-4	1030	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	7620	14-4	1130	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	7620	20-4	0630	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	7620	20-4	1230	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	7620	23-4	0830	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	7620	27-4	1130	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	7620	29-4	0930	Wed	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	7653	6-4	1206	Mon	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	6-4	2310	Mon	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	7-4	1128	Tue	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	9-4	0716	Thu	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	9-4	1109	Thu	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	10-4	2247	Fri	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	13-4	1219	Mon	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	13-4	1756	Mon	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	14-4	1006	Tue	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	14-4	1714	Tue	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	16-4	1916	Thu	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	16-4	2235	Thu	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	17-4	1335	Fri	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	19-4	0635	Sun	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	19-4	1253	Sun	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)

M89	7653	20-4	0054	Mon	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	20-4	0620	Mon	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	20-4	1811	Mon	V 7TEF (x3) DE BCK4 (x2)	CW	(JPL)
M89	7653	23-4	0815	Thu	V 7TEF (x3) DE BCK4 (x2)	CW	(JPL)
M89	7653	23-4	1547	Thu	V 7TEF (x3) DE BCK4 (x2)	CW	(JPL)
M89	7653	24-4	0752	Fri	V 7TEF (x3) DE BCK4 (x2)	CW	(JPL)
M89	7653	24-4	1419	Fri	V 8UFV (x3) DE CV4K (x2) Roundslip changed from 0749z logging. Slight variation in previously known one	CW	(JPL)
M89	7653	25-4	0242	Sat	V 8UFV (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	25-4	1057	Sat	V 8UFV (x3) DE CV4K (x2)	CW	(JPL)
M89	7676	23-4	0810	Thu	i.p. GA NR 0020 CK 15 .. 11 0423 1605 .. R RPT AT RTTRTTRPT NR NR 0025 NR 0020 NR 102. CK 50 11 0423 1605	CW	(JPL)
M89	7878	23-4	0807	Thu	i.p. 5D3T 654A DN56 U365 DA47 ...	CW	(JPL)
M89	8157	6-4	2308	Mon	V M8JF (x3) DE RIS9 (x2) //4870 and 6874	CW	(JPL)
M89	8157	9-4	0712	Thu	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	8157	10-4	2244	Fri	V M8JF (x3) DE RIS9 (x2) //4870 and 6874	CW	(JPL)
M89	8157	16-4	1912	Thu	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	8157	19-4	0649	Sun	V M8JF (x3) DE RIS9 (x2)	CW	(JPL)
M89	8157	19-4	0718	Sun	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	8157	20-4	0055	Mon	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	8157	23-4	0909	Thu	V M8JF (x3) DE RIS9 (x2) //6874 JPL THU	CW	(JPL)
M89	8157	24-4	0749	Fri	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	8157	25-4	0243	Sat	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	8282	23-4	0759	Thu	i.p. 356N NUA4 43ND ...	CW	(JPL)
M89	8290	3-4	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //8390 and 6840 and 4860	CW	(JPL)
M89	8290	9-4	0720	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8360 and 10640	CW	(JPL)
M89	8290	10-4	2320	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	8290	13-4	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 6840	CW	(JPL)
M89	8290	13-4	1220	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 6840 and 8360	CW	(JPL)
M89	8290	14-4	1020	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8360 and 10640	CW	(JPL)
M89	8290	20-4	0620	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8360 and 10640	CW	(JPL)
M89	8290	23-4	0820	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8360 and 10640	CW	(JPL)
M89	8290	24-4	0820	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8360 and 10640	CW	(JPL)
M89	8290	25-4	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 6840 and 8360	CW	(JPL)
M89	8290	27-4	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 6840 and 8360	CW	(JPL)
M89	8290	29-4	0920	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8360 and 10640	CW	(JPL)
M89	8350	14-4	1030	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	8350	14-4	1130	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	8350	20-4	0630	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)



<b>M89</b>	8350	20-4	1230	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
<b>M89</b>	8350	23-4	0830	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
<b>M89</b>	8350	27-4	1130	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
<b>M89</b>	8350	29-4	0930	Wed	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
<b>M89</b>	8360	9-4	0720	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8290 and 10640	CW	(JPL)
<b>M89</b>	8360	13-4	1220	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 6840 and 8290	CW	(JPL)
<b>M89</b>	8360	14-4	1020	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8290 and 10640	CW	(JPL)
<b>M89</b>	8360	20-4	0620	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8290 and 10640	CW	(JPL)
<b>M89</b>	8360	23-4	0820	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8290 and 10640	CW	(JPL)
<b>M89</b>	8360	24-4	0820	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8290 and 10640	CW	(JPL)
<b>M89</b>	8360	25-4	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 6840 and 8290	CW	(JPL)
<b>M89</b>	8360	27-4	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 6840 and 8290	CW	(JPL)
<b>M89</b>	8360	29-4	0920	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8290 and 10640	CW	(JPL)
<b>M89</b>	8390	3-4	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //8290 and 6840 and 4860	CW	(JPL)
<b>M89</b>	8866	23-4	0834	Thu	i.p. 7354 N64A 54NU 64N5 ...	CW	(JPL)
<b>M89</b>	8888	23-4	0851	Thu	i.p. 6U37 DTAN U734 65DN 7TA6	CW	(JPL)
<b>M89</b>	10640	9-4	0720	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8290 and 8360	CW	(JPL)
<b>M89</b>	10640	14-4	1020	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8290 and 8360	CW	(JPL)
<b>M89</b>	10640	20-4	0620	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8290 and 8390	CW	(JPL)
<b>M89</b>	10640	23-4	0820	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8290 and 8360	CW	(JPL)
<b>M89</b>	10640	24-4	0820	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8290 and 8360	CW	(JPL)
<b>M89</b>	10640	29-4	0920	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8290 and 8360	CW	(JPL)
<b>M90</b>	4512	14-4	0644	Tue	Czech Army. Collective callsign: HR3H. CQXJ wkg 4 oustations XVSQ, TSXS, MXV5, PJP6. Alert messages XXX DEDUK	CW	(F5JBR)
<b>M90</b>	4512	14-4	0812	Tue	Czech Army. Net control clg 4 stations for comms check	CW	(F5JBR)
<b>M90</b>	4852	14-4	0644	Tue	Czech Army. Collective callsign: HR3H. CQXJ wkg 4 oustations XVSQ, TSXS, MXV5, PJP6: 107 749	CW	(F5JBR)
<b>M95</b>	3968	6-4	2313	Mon	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
<b>M95</b>	3968	10-4	2253	Fri	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
<b>M95</b>	3968	13-4	1727	Mon	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
<b>M95</b>	3968	14-4	1710	Tue	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
<b>M95</b>	3968	16-4	1910	Thu	V YHxD (x3) DE SAQC (x2)	CW	(JPL)
<b>M95</b>	3968	16-4	2232	Thu	V YHxD (x3) DE SAQC (x2)	CW	(JPL)
<b>M95</b>	3968	20-4	0052	Mon	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
<b>M95</b>	3968	20-4	1804	Mon	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
<b>M95</b>	3968	23-4	1558	Thu	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
<b>M95</b>	3968	24-4	1411	Fri	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
<b>M95</b>	4110	6-4	1210	Mon	i.p. VVV HR 7G GA NR 002/CCK CK 99 27 VVV 34567DNT AR K K VVV HR 7G GA NR 027 AR =	CW	(JPL)
<b>M95</b>	4123	19-4	1400	Sun	i.p. DE 8RVC K R GI40 DE V3JV R QSA 2 QSA ? K R QSA 2 IEC = 8135 AR K R = 1974 AR K R HR F GA K	CW	(JPL)

M95	4131	19-4	1256	Sun	SLBC i.p. TDN7 A3UT 5ND6 47UN 5463 TAD7 6U5A TN37 D456 ... AR QSL ? HR WK NR 0021 HR WK NR 0021 VV	CW	(JPL)
M95	4131	20-4	1807	Mon	V JKDJ (x3) DE SLBC (x2) //4880	CW	(JPL)
M95	4131	23-4	1556	Thu	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M95	4131	24-4	1414	Fri	V JKDJ (x3) DE SLBC (x2) //4886	CW	(JPL)
M95	4243	3-4	1151	Fri	V HR 7G TO YR PSE CY NR 003 CK 76 35 0403 1532 = 5AA UTT TT3 3U6 7TA ...	CW	(JPL)
M95	4243	6-4	1149	Mon	V HR 7G TO YR PSE CY NR 009 CK 68 35 0406 1556 = 5A. AR 7G AGN	CW	(JPL)
M95	4243	6-4	2346	Mon	VV HR 7G TO YR PSE CY NR 094 CK 22 35 0407 0628 = UT5 TT7 3U4 3A4 ...	CW	(JPL)
M95	4243	7-4	1149	Tue	V HR 7G TO YR PSE CY NR 011 CK 35 35 0407 1548 = 5AA UTT TT7 3U6 ... //9054	CW	(JPL)
M95	4243	9-4	1150	Thu	VV HR MSG TO YR PSE CY NR 014 CK 56 35 0409 1545 = 5AA UTT TTN 3U6 3A4 ...	CW	(JPL)
M95	4243	13-4	1148	Mon	VV HR MSG TO YR PSE CY NR 023 CK 36 35 0413 1538 = 5AA UTT TA3 3U6 3A4 ...	CW	(JPL)
M95	4243	14-4	1150	Tue	VV HR MSG TO YR PSE CY NR 025 CK 26 35 0414 1545 = 5AA UTT TA4 3U6 3A4 ... //9054	CW	(JPL)
M95	4243	25-4	1151	Sat	VV HR MSG TO YR PSE CY NR 047 CK 50 35 0425 1535 = 5AA UTT TU5 3U6 3A4 ... //9054	CW	(JPL)
M95	4243	27-4	1151	Mon	VV HR MSG TO YR PSE CY NR 051 CK 54 35 0427 1546 = 5AA UTT TU7 3U6 3A4 ...	CW	(JPL)
M95	4364	6-4	1140	Mon	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0288 CK 339 35 0406 1652 = TT6 3U6 3AN 3U7 TAU ... //8073	CW	(JPL)
M95	4364	7-4	0004	Tue	V BNGC (x3) DE XSV85 (x2) HR 7G GA PSE CY NR 0289 CK .. 35 0407 0702 =	CW	(JPL)
M95	4364	7-4	1139	Tue	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0290 CK 329 35 0407 1619 = //8073	CW	(JPL)
M95	4364	9-4	1139	Thu	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0294 CK 334 35 0409 1634 = = TTN 3U6 3AN 3U7 TAU ... //8073	CW	(JPL)
M95	4364	13-4	1139	Mon	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0309 CK 207 35 0413 1552 = TA3 3U6 3AN 3U7 TAU ... //8073	CW	(JPL)
M95	4364	14-4	1136	Tue	V BNGC (x3) DE XSV85 (x2) NR 0313 CK 218 35 0414 1634 = = TA4 3U6 3AN 3U7 TAU ... //8073	CW	(JPL)
M95	4364	21-4	1141	Tue	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0329 CK 3.. 35 0421 1638 = TUA 3U6 3AN 3U7 TAU 773 354 373 4T3 NN3 ... //8073	CW	(JPL)
M95	4364	25-4	1142	Sat	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0345 CK 477 35 0425 1659 = TU5 3U6 3AN 3U7 TAU ... //8073	CW	(JPL)
M95	4364	27-4	1142	Mon	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0350 CK 397 35 04U7 A6A7 = TU7 3U6 3.N 3U7 TAU 773 ... //8073	CW	(JPL)
M95	4880	20-4	1807	Mon	V JKDJ (x3) DE SLBC (x2) //4131	CW	(JPL)
M95	4886	24-4	1414	Fri	V JKDJ (x3) DE SLBC (x2) //4131	CW	(JPL)
M95	5033	23-4	1608	Thu	i.p. = = ABC1/BMF3 AR = ABC1/BMF3 AR K R RPT K R RPT K	CW	(JPL)
M95	5177	20-4	0047	Mon	V JKDJ (x3) DE SLBC (x2) //8156	CW	(JPL)
M95	5177	20-4	0618	Mon	V JKDJ (x3) DE SLBC (x2) //8156	CW	(JPL)
M95	5177	24-4	0804	Fri	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M95	5177	25-4	0240	Sat	V JKDJ (x3) DE SLBC (x2) //8156	CW	(JPL)
M95	5177	25-4	1056	Sat	V JKDJ (x3) DE SLBC (x2) //8156	CW	(JPL)
M95	5177	27-4	1027	Mon	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M95	5177	29-4	0954	Wed	V JKDJ (x3) DE SLBC (x2) //8156	CW	(JPL)



M95	5479	3-4	1455	Fri	V YHxD (x3) DE SAQC (x2)	CW	(JPL)
M95	5479	4-4	1428	Sat	YHxD de SAQC V	CW	(F5JBR)
M95	5479	6-4	1201	Mon	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	5479	7-4	1054	Tue	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	5479	7-4	1829	Tue	V YHxD YHxD YHxD DE SAQC SAQC	CW	(AB)
M95	5479	9-4	1252	Thu	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	5479	13-4	1207	Mon	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	5479	14-4	1008	Tue	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	5479	17-4	1331	Fri	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	5479	19-4	0628	Sun	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	5479	19-4	1248	Sun	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	5479	20-4	0619	Mon	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	5479	23-4	0801	Thu	V YHxD (x3) DE SAQC (x2) VV HR SVC EEEE VV HR F GA NR 002 1700 RMKS 9315 TO 4102 = ACD3/HJB4 AGN NR 002 1700 RMKS 9315 TO 4102 = //10722	CW	(JPL)
M95	5479	24-4	0759	Fri	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	5479	25-4	0238	Sat	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	5479	25-4	1054	Sat	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	5479	27-4	1024	Mon	V YHxD (x3) DE SAQC (x2) VV HR SVC GA NR 186 1830 RMKS 9315 TO 9958 = CRT/1930/Z=/9315/9958 AR QSL ? ... //10722	CW	(JPL)
M95	5479	29-4	0952	Wed	V YHxD (x3) DE SAQC (x2)	CW	(JPL)
M95	6936	6-4	2313	Mon	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	6936	10-4	2253	Fri	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	6936	13-4	1727	Mon	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	6936	20-4	0052	Mon	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	6936	20-4	1804	Mon	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	6936	23-4	1558	Thu	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	6936	24-4	1411	Fri	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	6938	14-4	1710	Tue	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	7553	29-4	0934	Wed	XSV70 i.p. N3D 445 4D6 75D 4D3 ... II 4D6 75D 4D3 3AN 357 37U ... A HR MSG GA //9153	CW	(JPL)
M95	8073	3-4	1140	Fri	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0282 CK 257 35 0403 1602 = TT3 3U6 3AN 3U7 TAU ...)	CW	(JPL)
M95	8073	6-4	1140	Mon	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0288 CK 339 35 0406 1652 = TT6 3U6 3AN 3U7 TAU ... //4364	CW	(JPL)
M95	8073	7-4	1139	Tue	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0290 CK 329 35 0407 1619 = //4364	CW	(JPL)
M95	8073	9-4	1139	Thu	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0294 CK 334 35 0409 1634 = = TTN 3U6 3AN 3U7 TAU ... //4364	CW	(JPL)
M95	8073	13-4	1139	Mon	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0309 CK 207 35 0413 1552 = TA3 3U6 3AN 3U7 TAU ... //4364	CW	(JPL)
M95	8073	14-4	1136	Tue	V BNGC (x3) DE XSV85 (x2) NR 0313 CK 218 35 0414 1634 = = TA4 3U6 3AN 3U7 TAU ... //4364	CW	(JPL)

M95	8073	21-4	1141	Tue	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0329 CK 3.. 35 0421 1638 = TUA 3U6 3AN 3U7 TAU 773 354 373 4T3 NN3 ... //4364	CW	(JPL)
M95	8073	25-4	1142	Sat	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0345 CK 477 35 0425 1659 = TU5 3U6 3AN 3U7 TAU ... //4364	CW	(JPL)
M95	8073	27-4	1142	Mon	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0350 CK 397 35 04U7 A6A7 = TU7 3U6 3.N 3U7 TAU 773 ... //4364	CW	(JPL)
M95	8156	19-4	0640	Sun	V JKDJ (x3) DE SLBC (x2) Note: This is a new frequency for this roundslip. // should be on 5177	CW	(JPL)
M95	8156	19-4	0700	Sun	V JKDJ (x3) DE SLBC (x2) i.p. HR 7G GA NR 033/CCK CK 19. 10 0419 1500 RMKS 9702 TO 9842 9865 9867 9810 9836 9962 996. = 455U N4UU DD6A 66...	CW	(JPL)
M95	8156	20-4	0047	Mon	V JKDJ (x3) DE SLBC (x2) //5177	CW	(JPL)
M95	8156	20-4	0618	Mon	V JKDJ (x3) DE SLBC (x2) //5177	CW	(JPL)
M95	8156	25-4	0240	Sat	V JKDJ (x3) DE SLBC (x2) //5177	CW	(JPL)
M95	8156	25-4	1056	Sat	V JKDJ (x3) DE SLBC (x2) //5177	CW	(JPL)
M95	8156	29-4	0954	Wed	V JKDJ (x3) DE SLBC (x2) //5177	CW	(JPL)
M95	9054	7-4	1149	Tue	V HR 7G TO YR PSE CY NR 011 CK 35 35 0407 1548 = 5AA UTT TT7 3U6 ... //4243	CW	(JPL)
M95	9054	14-4	1150	Tue	VV HR MSG TO YR PSE CY NR 025 CK 26 35 0414 1545 = 5AA UTT TA4 3U6 3A4 ... //4243	CW	(JPL)
M95	9054	25-4	1151	Sat	VV HR MSG TO YR PSE CY NR 047 CK 50 35 0425 1535 = 5AA UTT TU5 3U6 3A4 ... //4243	CW	(JPL)
M95	9153	29-4	0934	Wed	XSV70 i.p. N3D 445 4D6 75D 4D3 ... II 4D6 75D 4D3 3AN 357 37U ... A HR MSG GA //7553	CW	(JPL)
M95	10722	6-4	1201	Mon	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	10722	7-4	1054	Tue	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	10722	9-4	1252	Thu	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	10722	13-4	1207	Mon	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	10722	14-4	1008	Tue	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	10722	17-4	1331	Fri	V YHxD (x3) DE SAQC (x2) ///5479	CW	(JPL)
M95	10722	19-4	0628	Sun	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	10722	19-4	1248	Sun	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	10722	20-4	0619	Mon	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	10722	23-4	0801	Thu	V YHxD (x3) DE SAQC (x2) VV HR SVC EEEE VV HR F GA NR 002 1700 RMKS 9315 TO 4102 = ACD3/HJB4 AGN NR 002 1700 RMKS 9315 TO 4102 = //5479	CW	(JPL)
M95	10722	24-4	0759	Fri	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	10722	25-4	0238	Sat	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	10722	25-4	1054	Sat	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	10722	27-4	1024	Mon	V YHxD (x3) DE SAQC (x2) VV HR SVC GA NR 186 1830 RMKS 9315 TO 9958 = CRT/1930/Z=/9315/9958 AR QSL ? ... //5479	CW	(JPL)
MX	4031	23-4	2132	Thu	Beacon V	CW	(F5OIH)
MX	4031	24-4	2031	Fri	Beacon V	CW	(PP)
MX	4557.7	23-4	2135	Thu	Beacon D, Sevastopol	CW	(F5OIH)
MX	4557.9	23-4	2135	Thu	Beacon S, Severomorsk	CW	(F5OIH)
MX	5153.7	23-4	2123	Thu	Beacon D, Sevastopol	CW	(F5OIH)

<b>MX</b>	5153.8	23-4	2124	Thu	Beacon P, Kaliningrad	CW	(F5OIH)
<b>MX</b>	5154.1	23-4	2125	Thu	Beacon A, Astrakhan	CW	(F5OIH)
<b>MX</b>	5154.4	18-4	1408	Sat	Beacon M, Magadan	CW	(AB-J)
<b>MX</b>	5156	2-4	1418	Thu	Beacon L, St Petersburg	CW	(AB)
<b>MX</b>	5156.7	27-4	1333	Mon	Beacon L, St Petersburg	CW	(ChPa)
<b>MX</b>	5156.8	23-4	2122	Thu	Beacon L, St Petersburg	CW	(F5OIH)
<b>MX</b>	5156.9	17-4	0826	Fri	Beacon L, St. Petersburg	CW	(AB)
<b>MX</b>	5466	15-4	1918	Wed	Beacon V	CW	(AB)
<b>MX</b>	5466	23-4	2100	Thu	Beacon V	CW	(F5OIH)
<b>MX</b>	10172.4	14-4	0719	Tue	Beacon M, Magadan	CW	(AB-J)
<b>MX</b>	10172.4	21-4	0700	Tue	Beacon M, Magadan	CW	(AB-J)
<b>MX</b>	16331.8	18-4	1410	Sat	Beacon P, Kaliningrad	CW	(AB)
<b>MX</b>	16332.1	18-4	1410	Sat	Beacon A, Astrakhan	CW	(AB)
<b>P03d</b>	10641	3-4	0940	Fri	Polish intel.	QPSK 125Bd/448bp	(AB)
<b>P03d</b>	10641	3-4	0945	Fri	Polish intel.	QPSK 125Bd/448bp	(AB)
<b>P03d</b>	10641	6-4	0940	Mon	Polish intel.	QPSK 125Bd/448bp	(AB)
<b>P03d</b>	10641	6-4	0945	Mon	Polish intel.	QPSK 125Bd/448bp	(AB)
<b>P03d</b>	10641	10-4	0940	Fri	Polish intel.	QPSK 125Bd/448bp	(AB)
<b>P03d</b>	10641	10-4	0945	Fri	Polish intel.	QPSK 125Bd/448bp	(AB)
<b>P03d</b>	10641	13-4	0940	Mon	Polish intel.	QPSK 125Bd/448bp	(AB)
<b>P03d</b>	10641	13-4	0945	Mon	Polish intel.	QPSK 125Bd/448bp	(AB)
<b>P03d</b>	10641	17-4	0940	Fri	Polish intel.	QPSK 125Bd/448bp	(AB)
<b>P03d</b>	10641	17-4	0945	Fri	Polish intel.	QPSK 125Bd/448bp	(AB)
<b>P03d</b>	10641	20-4	0940	Mon	Polish intel.	QPSK 125Bd/448bp	(AB)
<b>P03d</b>	10641	20-4	0945	Mon	Polish intel.	QPSK 125Bd/448bp	(AB)
<b>P03d</b>	10641	24-4	0940	Fri	Polish intel.	QPSK 125Bd/448bp	(AB)
<b>P03d</b>	10641	24-4	0945	Fri	Polish intel.	QPSK 125Bd/448bp	(AB)
<b>P03e</b>	5344	7-4	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5344	7-4	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5344	12-4	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5344	12-4	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5344	14-4	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5344	14-4	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5344	19-4	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	5344	19-4	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	5344	21-4	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5344	21-4	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5344	26-4	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5344	26-4	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)

P03e	5344	28-4	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5344	28-4	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	3-4	0900	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	3-4	0905	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	7-4	0900	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	7-4	0905	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	10-4	0900	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	10-4	0905	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	14-4	0900	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	14-4	0905	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	17-4	0900	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	17-4	0905	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	21-4	0900	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	21-4	0905	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	24-4	0900	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	24-4	0905	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	28-4	0900	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	28-4	0905	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	1-4	0530	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	1-4	0535	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	6-4	0530	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	6-4	0535	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	8-4	0530	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	8-4	0535	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	13-4	0530	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	13-4	0535	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	15-4	0530	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	15-4	0535	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	20-4	0530	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	20-4	0535	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	22-4	0530	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	22-4	0535	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	27-4	0530	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	27-4	0535	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	29-4	0530	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	29-4	0535	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	14972	3-4	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14972	3-4	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14972	5-4	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)

<b>P03e</b>	14972	5-4	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	14972	12-4	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	14972	12-4	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	14972	19-4	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	14972	19-4	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	14972	24-4	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	14972	24-4	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	14972	26-4	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ/RL)
<b>P03e</b>	14972	26-4	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03f</b>	6849	1-4	1100	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	6849	1-4	1105	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	6849	7-4	1100	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	6849	7-4	1105	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	6849	8-4	1100	Wed	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
<b>P03f</b>	6849	8-4	1105	Wed	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
<b>P03f</b>	6849	14-4	1100	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	6849	14-4	1105	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	6849	15-4	1100	Wed	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
<b>P03f</b>	6849	15-4	1105	Wed	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
<b>P03f</b>	6849	21-4	1100	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	6849	21-4	1105	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	6849	22-4	1100	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	6849	22-4	1105	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	6849	28-4	1100	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	6849	28-4	1105	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	6849	29-4	1100	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	6849	29-4	1105	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	10641	6-4	0735	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	10641	6-4	0740	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	10641	9-4	0735	Thu	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	10641	9-4	0740	Thu	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	10641	13-4	0735	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	10641	13-4	0740	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	10641	16-4	0735	Thu	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	10641	16-4	0740	Thu	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	10641	20-4	0735	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	10641	20-4	0740	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	10641	23-4	0735	Thu	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	10641	23-4	0740	Thu	Polish intel.	QPSK 200Bd/496bp	(AB)

P03f	10641	27-4	0735	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	10641	27-4	0740	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	10641	30-4	0735	Thu	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	10641	30-4	0740	Thu	Polish intel.	QPSK 200Bd/496bp	(AB)
P03g	5844	1-4	0430	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5844	1-4	0435	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5844	2-4	0430	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5844	2-4	0435	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5844	8-4	0430	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5844	8-4	0435	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5844	9-4	0430	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5844	9-4	0435	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5844	15-4	0430	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5844	15-4	0435	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5844	16-4	0430	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5844	16-4	0435	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5844	22-4	0430	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5844	22-4	0435	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5844	23-4	0430	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5844	23-4	0435	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5844	29-4	0430	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5844	29-4	0435	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5844	30-4	0430	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5844	30-4	0435	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	2-4	1800	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	2-4	1805	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	7-4	1800	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	7-4	1805	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	9-4	1800	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	9-4	1805	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	14-4	1800	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	14-4	1805	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	16-4	1800	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	16-4	1805	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	21-4	1800	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	21-4	1805	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	23-4	1800	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	23-4	1805	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	28-4	1800	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)



P03g	7840	28-4	1805	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	30-4	1800	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	30-4	1805	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03k	5082	4-4	1320	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5082	4-4	1325	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5082	5-4	1320	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	5-4	1325	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	11-4	1320	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	11-4	1325	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	12-4	1320	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	12-4	1325	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	18-4	1320	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	18-4	1325	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	19-4	1320	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	19-4	1325	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	25-4	1320	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	25-4	1325	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	26-4	1320	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5082	26-4	1325	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5344	8-4	1500	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	8-4	1505	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	15-4	1500	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	15-4	1505	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	18-4	1500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	18-4	1505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	22-4	1500	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	22-4	1505	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	25-4	1500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	25-4	1505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	29-4	1500	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	29-4	1505	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	3-4	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	3-4	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	17-4	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	17-4	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	24-4	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	24-4	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5737	6-4	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5737	6-4	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	5737	13-4	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5737	13-4	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5737	20-4	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5737	20-4	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5737	27-4	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5737	27-4	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	3-4	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	3-4	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	5-4	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	5-4	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	10-4	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	10-4	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	17-4	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	17-4	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	19-4	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	19-4	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	24-4	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	24-4	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	26-4	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	26-4	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	4-4	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	4-4	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	12-4	0500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	12-4	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	18-4	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	18-4	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	19-4	0500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	19-4	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	25-4	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	25-4	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	26-4	0500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	26-4	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	3-4	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	3-4	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	5-4	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	5-4	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	10-4	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	10-4	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	12-4	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)



P03k	10302	12-4	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	17-4	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	17-4	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	19-4	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	19-4	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	24-4	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	24-4	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	26-4	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	26-4	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	5-4	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	5-4	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	6-4	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	6-4	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	13-4	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	13-4	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	20-4	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	20-4	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	27-4	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	27-4	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	1-4	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	1-4	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	8-4	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	8-4	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	15-4	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	15-4	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	18-4	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	18-4	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	22-4	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	22-4	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	25-4	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	25-4	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	29-4	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	29-4	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03I	4909	4-4	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	4-4	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	5-4	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	5-4	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	11-4	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	11-4	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)

P03I	4909	12-4	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	12-4	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	18-4	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	18-4	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	19-4	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	19-4	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	25-4	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	25-4	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	26-4	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	26-4	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	1-4	1200	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	1-4	1205	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	3-4	1200	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	3-4	1205	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	8-4	1200	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	8-4	1205	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	15-4	1200	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	15-4	1205	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	17-4	1200	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	17-4	1205	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	22-4	1200	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	22-4	1205	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	24-4	1200	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	24-4	1205	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	29-4	1200	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	29-4	1205	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	1-4	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	1-4	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	5-4	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	5-4	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	8-4	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	8-4	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	12-4	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	12-4	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	15-4	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	15-4	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	19-4	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	19-4	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	22-4	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)

<b>P03I</b>	7984	22-4	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
<b>P03I</b>	7984	26-4	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
<b>P03I</b>	7984	26-4	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
<b>P03I</b>	7984	29-4	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
<b>P03I</b>	7984	29-4	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
<b>Q26</b>	4243	3-4	1142	Fri	Messages	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4243	6-4	1147	Mon	Messages	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4243	6-4	2342	Mon	Messages	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4243	7-4	1142	Tue	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4243	9-4	1143	Thu	Messages	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4243	13-4	1145	Mon	Messages	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4243	14-4	1142	Tue	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4243	25-4	1147	Sat	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4243	27-4	1147	Mon	Messages	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4364	6-4	1135	Mon	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4364	7-4	0002	Tue	XSV85 sending messages	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4364	7-4	1131	Tue	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4364	9-4	1136	Thu	BNGC DE XSV85 //8073	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4364	13-4	1132	Mon	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4364	14-4	1135	Tue	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4364	21-4	1139	Tue	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4364	25-4	1131	Sat	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4364	27-4	1132	Mon	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	8073	3-4	1132	Fri	XSV85 sending messages	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	8073	6-4	1135	Mon	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	8073	7-4	1131	Tue	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	8073	9-4	1136	Thu	BNGC DE XSV85 //4364	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	8073	13-4	1132	Mon	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	8073	14-4	1135	Tue	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	8073	21-4	1139	Tue	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	8073	25-4	1131	Sat	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	8073	27-4	1132	Mon	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	9054	7-4	1142	Tue	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	9054	14-4	1142	Tue	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	9054	25-4	1147	Sat	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
<b>RADv</b>	4372	2-4	1415	Thu	Russian Air Defense tracking station	USB	(AB-POL)
<b>RADv</b>	5125	2-4	1420	Thu	Russian Air Defense tracking station	USB	(AB-POL)
<b>S06</b>	5881	3-4	2000	Fri	452 452 452 00000	USB	(AB/HFD)
<b>S06</b>	5881	17-4	2000	Fri	452 452 452 00000	USB	(AB)

<b>S06</b>	8171	3-4	1900	Fri	452 452 452 00000	USB	(AB-RUS/MPJ/HFD)
<b>S06</b>	8171	17-4	1900	Fri	452 452 452 00000	USB	(AB/MPJ)
<b>S06</b>	9408	25-4	1330	Sat	480 731 44 84385 02233 32666 ... 96901 72436 47109 731 44 00000. 9412 khz expected	USB	(AB)
<b>S06</b>	9412	4-4	1330	Sat	480 369 41 36926 77384 32258 ... 31170 87099 87476 369 41 00000	USB	(AB/MPJ/HFD)
<b>S06</b>	9412	11-4	1330	Sat	480 571 42 50440 33147 78759 ... 18838 93248 06973 571 42 00000	USB	(AB/MPJ)
<b>S06</b>	9412	18-4	1330	Sat	480 269 43 89817 46338 63102 ... 02032 01790 18411 269 43 00000	USB	(AB/MPJ)
<b>S06</b>	11128	5-4	1000	Sun	480 369 41 36926 77384 32258 ... 31170 87099 87476 369 41 00000	USB	(AB/HFD)
<b>S06</b>	11128	12-4	1000	Sun	480 571 42 50440 33147 78759 ... 18838 93248 06973 571 42 00000	USB	(AB)
<b>S06</b>	11128	19-4	1000	Sun	480 269 43 89817 46338 63102 ... 02032 01790 18411 269 43 00000	USB	(AB)
<b>S06</b>	11128	26-4	1000	Sun	480 731 44 84385 02233 32666 ... 96901 72436 47109 731 44 00000	USB	(AB)
<b>S06</b>	11487	4-4	1300	Sat	480 369 41 36926 77384 32258 ... 31170 87099 87476 369 41 00000	USB	(AB/MPJ/HFD)
<b>S06</b>	11487	11-4	1300	Sat	480 571 42 50440 33147 78759 ... 18838 93248 06973 571 42 00000	USB	(AB/MPJ)
<b>S06</b>	11487	18-4	1300	Sat	480 269 43 89817 46338 63102 ... 02032 01790 18411 269 43 00000	USB	(AB/MPJ)
<b>S06</b>	11487	25-4	1300	Sat	480 731 44 84385 02233 32666 ... 96901 72436 47109 731 44 00000	USB	(AB)
<b>S06</b>	13945	5-4	0930	Sun	480 369 41 36926 77384 32258 ... 31170 87099 87476 369 41 00000	USB	(AB/HFD)
<b>S06</b>	13945	12-4	0930	Sun	480 571 42 50440 33147 78759 ... 18838 93248 06973 571 42 00000	USB	(AB)
<b>S06</b>	13945	19-4	0930	Sun	480 269 43 89817 46338 63102 ... 02032 01790 18411 269 43 00000	USB	(AB)
<b>S06</b>	13945	26-4	0930	Sun	480 731 44 84385 02233 32666 ... 96901 72436 47109 731 44 00000	USB	(AB)
<b>S06</b>	16318	2-4	0930	Thu	842 ...	USB	(HFD-CHN)
<b>S06</b>	19078	2-4	0830	Thu	842 507 41 68446 ...	USB	(HFD-CHN)
<b>S06c</b>	12183	29-4	1030	Wed	11214	USB	(Danix)
<b>S06c</b>	16283	29-4	1020	Wed	11214	USB	(Danix)
<b>S06s</b>	5744	3-4	0900	Fri	239 806 5 76985 13766 95091 35527 04464 806 5 00000	USB	(AB-POL)
<b>S06s</b>	5744	10-4	0900	Fri	239 806 5 76985 13766 95091 35527 04464 806 5 00000	USB	(AB-POL)
<b>S06s</b>	5744	17-4	0900	Fri	239 857 6 46062 68672 97478 39685 30485 96632 857 6 00000	USB	(AB-POL)
<b>S06s</b>	5744	24-4	0900	Fri	239 857 6 46062 68672 97478 39685 30485 96632 857 6 00000	USB	(AB-POL)
<b>S06s</b>	5760	7-4	0700	Tue	452 801 6 13680 36362 37632 40047 32696 17060 801 6 00000	USB	(AB)
<b>S06s</b>	5760	14-4	0700	Tue	452 801 6 13680 36362 37632 40047 32696 17060 801 6 00000	USB	(AB)
<b>S06s</b>	5760	21-4	0700	Tue	452 903 6 46062 68672 97478 39685 30485 96632 903 6 00000	USB	(AB)
<b>S06s</b>	5760	28-4	0700	Tue	452 903 6 46062 68672 97478 39685 30485 96632 903 6 00000	USB	(AB)
<b>S06s</b>	6190	7-4	1100	Tue	265 813 7 71010 47373 31096 21140 34716 34169 52225 813 7 00000	USB	(AB-UKR/MPJ-HNG)
<b>S06s</b>	6190	14-4	1100	Tue	265 813 7 71010 47373 31096 21140 34716 34169 52225 813 7 00000	USB	(AB-POL/MPJ-HNG)
<b>S06s</b>	6190	21-4	1100	Tue	265 941 7 88620 58069 61732 74537 57440 10597 23521 941 7 000000	USB	(AB-POL)
<b>S06s</b>	6190	28-4	1100	Tue	265 941 7 88620 58069 61732 74537 57440 10597 23521 941 7 000000	USB	(AB-POL/MPJ-POL)
<b>S06s</b>	6410	7-4	1000	Tue	427 801 5 10059 60969 44343 04910 80189 801 5 00000	USB	(AB-UKR)
<b>S06s</b>	6410	14-4	1000	Tue	427 801 5 10059 60969 44343 04910 80189 801 5 00000	USB	(AB-POL)
<b>S06s</b>	6410	21-4	1000	Tue	427 815 6 33796 13577 74526 46647 79302 53516 810 6 00000	USB	(AB-POL)

S06s	6410	28-4	1000	Tue	427 815 6 33796 13577 74526 46647 79302 53516 810 6 00000	USB	(AB-POL)
S06s	6464	7-4	1500	Tue	914 863 5 45478 69849 85286 34173 00259 863 5 00000	USB	(AB/MPJ)
S06s	6464	14-4	1500	Tue	914 863 5 45478 69849 85286 34173 00259 863 5 00000	USB	(AB/MPJ)
S06s	6464	21-4	1500	Tue	914 263 5 01405 15003 24357 60583 54545 263 5 00000	USB	(AB/MPJ)
S06s	6464	28-4	1500	Tue	914 263 5 01405 15003 24357 60583 54545 263 5 00000	USB	(AB/MPJ)
S06s	6524	3-4	0910	Fri	239 806 5 76985 13766 95091 35527 04464 806 5 00000	USB	(AB-POL)
S06s	6524	10-4	0910	Fri	239 806 5 76985 13766 95091 35527 04464 806 5 00000	USB	(AB-POL)
S06s	6524	17-4	0910	Fri	239 857 6 46062 68672 97478 39685 30485 96632 857 6 00000	USB	(AB-POL)
S06s	6524	24-4	0910	Fri	239 857 6 46062 68672 97478 39685 30485 96632 857 6 00000	USB	(AB-POL)
S06s	6930	7-4	0710	Tue	452 801 6 13680 36362 37632 40047 32696 17060 801 6 00000	USB	(AB)
S06s	6930	14-4	0710	Tue	452 801 6 13680 36362 37632 40047 32696 17060 801 6 00000	USB	(AB)
S06s	6930	21-4	0710	Tue	452 903 6 46062 68672 97478 39685 30485 96632 903 6 00000	USB	(AB)
S06s	6930	28-4	0710	Tue	452 903 6 46062 68672 97478 39685 30485 96632 903 6 00000	USB	(AB)
S06s	7230	7-4	1110	Tue	265 813 7 71010 47373 31096 21140 34716 34169 52225 813 7 00000	USB	(AB/MPJ-HNG)
S06s	7230	14-4	1110	Tue	265 813 7 71010 47373 31096 21140 34716 34169 52225 813 7 00000	USB	(AB-POL/MPJ-HNG)
S06s	7230	21-4	1110	Tue	265 941 7 88620 58069 61732 74537 57440 10597 23521 941 7 000000	USB	(AB-POL)
S06s	7230	28-4	1110	Tue	265 941 7 88620 58069 61732 74537 57440 10597 23521 941 7 000000	USB	(AB-POL/MPJ-POL)
S06s	7242	7-4	1510	Tue	914 863 5 45478 69849 85286 34173 00259 863 5 00000	USB	(AB/MPJ)
S06s	7242	14-4	1510	Tue	914 863 5 45478 69849 85286 34173 00259 863 5 00000	USB	(AB/MPJ)
S06s	7242	21-4	1510	Tue	914 263 5 01405 15003 24357 60583 54545 263 5 00000	USB	(AB/MPJ)
S06s	7242	28-4	1510	Tue	914 263 5 01405 15003 24357 60583 54545 263 5 00000	USB	(AB/MPJ)
S06s	7340	7-4	1010	Tue	427 801 5 10059 60969 44343 04910 80189 801 5 00000	USB	(AB-UKR)
S06s	7340	14-4	1010	Tue	427 801 5 10059 60969 44343 04910 80189 801 5 00000	USB	(AB-POL)
S06s	7340	21-4	1010	Tue	427 815 6 33796 13577 74526 46647 79302 53516 810 6 00000	USB	(AB-POL)
S06s	7340	28-4	1010	Tue	427 815 6 33796 13577 74526 46647 79302 53516 810 6 00000	USB	(AB-POL)
S06s	7425	7-4	0730	Tue	427 801 5 77258 32000 84382 52293 08251 801 5 00000	USB	(AB)
S06s	7425	14-4	0730	Tue	427 801 5 77258 32000 84382 52293 08251 801 5 00000	USB	(AB)
S06s	7425	21-4	0730	Tue	427 831 5 21767 53672 11834 81022 36903 831 5 00000	USB	(AB)
S06s	7425	28-4	0730	Tue	427 831 5 21767 53672 11834 81022 36903 831 5 00000	USB	(AB)
S06s	8092	1-4	0830	Wed	464 971 5 52401 63919 92699 14600 74248 971 5 00000	USB	(AB)
S06s	8092	8-4	0830	Wed	464 971 5 52401 63919 92699 14600 74248 971 5 00000	USB	(AB)
S06s	8270	6-4	0810	Mon	764 921 5 25668 32316 69606 80426 36005 921 5 00000	USB	(AB)
S06s	8270	13-4	0840	Mon	764 921 5 25668 32316 69606 80426 36005 921 5 00000	USB	(AB)
S06s	8270	20-4	0840	Mon	764 208 5 82045 36717 24042 75956 31670 208 5 00000	USB	(AB)
S06s	8270	27-4	0840	Mon	764 208 5 82045 36717 24042 75956 31670 208 5 00000	USB	(AB)
S06s	8520	4-4	0810	Sat	132 468 5 42676 03732 96319 30647 67269 468 5 00000	USB	(AB)
S06s	9081	2-4	0930	Thu	698 402 5 29534 17228 15636 47891 23347 402 5 00000	USB	(AB)
S06s	9081	9-4	0930	Thu	698 402 5 29534 17228 15636 47891 23347 402 5 00000	USB	(AB)
S06s	9081	23-4	0930	Thu	698 203 5 62903 62480 62264 89123 87844 203 5 00000	USB	(AB)

<b>S06s</b>	9081	30-4	0930	Thu	698 698 698 00000	USB	(AB)
<b>S06s</b>	9082	22-4	0830	Wed	464 872 5 56401 68858 17106 77465 56018 872 5 00000	AM/LSB	(AB)
<b>S06s</b>	9082	29-4	0830	Wed	464 464 464 00000	USB	(AB)
<b>S06s</b>	9145	6-4	1200	Mon	149 273 5 81202 60891 72807 71010 47272 273 5 00000	AM/USB	(AB/MPJ)
<b>S06s</b>	9145	13-4	1200	Mon	149 273 5 81202 60891 72807 71010 47272 273 5 00000	AM/USB	(AB)
<b>S06s</b>	9145	20-4	1200	Mon	149 280 5 52343 79628 42432 56075 46281 280 5 00000	AM/USB	(AB/MPJ)
<b>S06s</b>	9145	27-4	1200	Mon	149 280 5 52343 79628 42432 56075 46281 280 5 00000	AM/USB	(AB/MPJ-HNG)
<b>S06s</b>	9220	6-4	0830	Mon	764 921 5 25668 32316 69606 80426 36005 921 5 00000	USB	(AB)
<b>S06s</b>	9220	13-4	0830	Mon	764 921 5 25668 32316 69606 80426 36005 921 5 00000	USB	(AB)
<b>S06s</b>	9220	20-4	0830	Mon	764 208 5 82045 36717 24042 75956 31670 208 5 00000	USB	(AB)
<b>S06s</b>	9220	27-4	0830	Mon	764 208 5 82045 36717 24042 75956 31670 208 5 00000	USB	(AB)
<b>S06s</b>	9952	1-4	0840	Wed	464 971 5 52401 63919 92699 14600 74248 971 5 00000	USB	(AB)
<b>S06s</b>	9952	8-4	0840	Wed	464 971 5 52401 63919 92699 14600 74248 971 5 00000	USB	(AB)
<b>S06s</b>	9952	22-4	0840	Wed	464 872 5 56401 68858 17106 77465 56018 872 5 00000	AM/LSB	(AB)
<b>S06s</b>	9952	29-4	0840	Wed	464 464 464 00000	USB	(AB)
<b>S06s</b>	10350	4-4	0800	Sat	132 468 5 42676 03732 96319 30647 67269 468 5 00000	USB	(AB)
<b>S06s</b>	10420	7-4	0810	Tue	127 438 5 05331 74726 28759 13246 04392 438 5 00000	USB	(AB)
<b>S06s</b>	10420	14-4	0810	Tue	127 438 5 05331 74726 28759 13246 04392 438 5 00000	USB	(AB)
<b>S06s</b>	10420	21-4	0810	Tue	127 406 5 52401 63919 95699 14600 74248 406 5 00000	USB	(AB)
<b>S06s</b>	10420	28-4	0810	Tue	127 406 5 52401 63919 95699 14600 74248 406 5 00000	USB	(AB)
<b>S06s</b>	10514	2-4	0940	Thu	698 402 5 29534 17228 15636 47891 23347 402 5 00000	USB	(AB)
<b>S06s</b>	10514	9-4	0940	Thu	698 402 5 29534 17228 15636 47891 23347 402 5 00000	USB	(AB)
<b>S06s</b>	10514	23-4	0940	Thu	698 203 5 62903 62480 62264 89123 87844 203 5 00000	USB	(AB)
<b>S06s</b>	10514	30-4	0940	Thu	698 698 698 00000	USB	(AB)
<b>S06s</b>	11460	6-4	1210	Mon	149 273 5 81202 60891 72807 71010 47272 273 5 00000	AM/USB	(AB/MPJ)
<b>S06s</b>	11460	13-4	1210	Mon	149 273 5 81202 60891 72807 71010 47272 273 5 00000	AM/USB	(AB)
<b>S06s</b>	11460	20-4	1210	Mon	149 280 5 52343 79628 42432 56075 46281 280 5 00000	AM/USB	(AB/MPJ)
<b>S06s</b>	11460	27-4	1210	Mon	149 280 5 52343 79628 42432 56075 46281 280 5 00000	AM/USB	(AB/MPJ-HNG)
<b>S06s</b>	11530	1-4	0830	Wed	172 984 5 39534 17228 15636 47891 23247 984 5 00000	USB	(AB)
<b>S06s</b>	11530	8-4	0830	Wed	172 984 5 39534 17228 15636 47891 23247 984 5 00000	USB	(AB)
<b>S06s</b>	11530	22-4	0830	Wed	172 409 5 25668 32316 79706 80436 36005 409 5 00000	USB	(AB)
<b>S06s</b>	11530	29-4	0830	Wed	172 172 172 00000	USB	(AB)
<b>S06s</b>	11560	7-4	0740	Tue	427 801 5 77258 32000 84382 52293 08251 801 5 00000	USB	(AB)
<b>S06s</b>	11560	14-4	0740	Tue	427 801 5 77258 32000 84382 52293 08251 801 5 00000	USB	(AB)
<b>S06s</b>	11560	28-4	0740	Tue	427 831 5 21767 53672 11834 81022 36903 831 5 00000	USB	(AB)
<b>S06s</b>	11565	21-4	0740	Tue	427 831 5 21767 53672 11834 81022 36903 831 5 00000 should be on 11560 kHz	USB	(AB)
<b>S06s</b>	11635	7-4	0800	Tue	127 438 5 05331 74726 28759 13246 04392 438 5 00000	USB	(AB)
<b>S06s</b>	11635	14-4	0800	Tue	127 438 5 05331 74726 28759 13246 04392 438 5 00000	USB	(AB)
<b>S06s</b>	11635	21-4	0800	Tue	127 406 5 52401 63919 95699 14600 74248 406 5 00000	USB	(AB)



<b>S06s</b>	11635	28-4	0800	Tue	127 406 5 52401 63919 95699 14600 74248 406 5 00000	USB	(AB)
<b>S06s</b>	12140	1-4	0840	Wed	172 984 5 39534 17228 15636 47891 23247 984 5 00000	USB	(AB)
<b>S06s</b>	12140	3-4	0830	Fri	156 208 7 65132 02232 66286 90057 66740 28636 25349 208 7 00000	USB	(AB)
<b>S06s</b>	12140	8-4	0840	Wed	172 984 5 39534 17228 15636 47891 23247 984 5 00000	USB	(AB)
<b>S06s</b>	12140	10-4	0830	Fri	156 208 7 65132 02232 66286 90057 66740 28636 25349 208 7 00000	USB	(AB-G)
<b>S06s</b>	12140	17-4	0830	Fri	156 943 7 80113 13680 24519 33226 36362 37632 40047 943 7 00000	USB	(AB-FIN)
<b>S06s</b>	12140	22-4	0840	Wed	172 409 5 25668 32316 79706 80436 36005 409 5 00000	USB	(AB)
<b>S06s</b>	12140	24-4	0830	Fri	156 943 7 80113 13680 24519 33226 36362 37632 40047 943 7 00000	USB	(AB)
<b>S06s</b>	12140	29-4	0840	Wed	172 172 172 00000	USB	(AB)
<b>S06s</b>	12514	2-4	1200	Thu	175 894 6 77146 57856 98835 56186 16945 80644 894 6 00000	USB	(AB/MPJ)
<b>S06s</b>	12514	9-4	1200	Thu	175 894 6 77146 57856 98835 56186 16945 80644 894 6 00000	USB	(AB/MPJ)
<b>S06s</b>	12514	16-4	1200	Thu	175 294 6 61719 58159 87629 92294 17231 44269 294 6 00000	USB	(AB)
<b>S06s</b>	12514	23-4	1200	Thu	175 294 6 61719 58159 87629 92294 17231 44269 294 6 00000	USB	(AB)
<b>S06s</b>	12514	30-4	1200	Thu	Carrier only. No audio	USB	(AB)
<b>S06s</b>	13165	6-4	0910	Mon	232 854 6 69229 27128 29544 37007 41751 29683 854 6 00000	USB	(AB)
<b>S06s</b>	13165	13-4	0910	Mon	232 854 6 69229 27128 29544 37007 41751 29683 854 6 00000	USB	(AB)
<b>S06s</b>	13165	20-4	0910	Mon	232 947 5 10597 23512 47660 92883 69901 947 5 00000	USB	(AB)
<b>S06s</b>	13165	27-4	0910	Mon	232 947 5 10597 23512 47660 92883 69901 947 5 00000	USB	(AB)
<b>S06s</b>	13365	1-4	1000	Wed	276 839 5 40614 77249 40678 17976 21816 839 5 00000	USB	(AB)
<b>S06s</b>	13365	8-4	1000	Wed	276 839 5 40614 77249 40678 17976 21816 839 5 00000	USB	(AB-RUS)
<b>S06s</b>	13365	15-4	1000	Wed	276 435 8 80113 13680 24519 33226 36362 37632 40047 32696 435 8 0000	USB	(AB-RUS)
<b>S06s</b>	13365	22-4	1000	Wed	276 435 8 80113 13680 24519 33226 36362 37632 40047 32696 435 8 0000	USB	(AB)
<b>S06s</b>	13365	29-4	1000	Wed	276 276 276 00000	USB	(AB)
<b>S06s</b>	13515	3-4	0840	Fri	156 208 7 65132 02232 66286 90057 66740 28636 25349 208 7 00000	USB	(AB)
<b>S06s</b>	13515	10-4	0840	Fri	156 208 7 65132 02232 66286 90057 66740 28636 25349 208 7 00000	USB	(AB-G)
<b>S06s</b>	13515	17-4	0840	Fri	156 943 7 80113 13680 24519 33226 36362 37632 40047 943 7 00000	USB	(AB-FIN)
<b>S06s</b>	13515	24-4	0840	Fri	156 943 7 80113 13680 24519 33226 36362 37632 40047 943 7 00000	USB	(AB)
<b>S06s</b>	14212	2-4	1210	Thu	175 894 6 77146 57856 98835 56186 16945 80644 894 6 00000	USB	(AB/MPJ)
<b>S06s</b>	14212	9-4	1210	Thu	175 894 6 77146 57856 98835 56186 16945 80644 894 6 00000	USB	(AB/MPJ)
<b>S06s</b>	14212	16-4	1210	Thu	175 294 6 61719 58159 87629 92294 17231 44269 294 6 00000	USB	(AB)
<b>S06s</b>	14212	23-4	1210	Thu	175 294 6 61719 58159 87629 92294 17231 44269 294 6 00000	USB	(AB)
<b>S06s</b>	14212	30-4	1210	Thu	175 175 175 00000	USB	(AB/MPJ-HOL)
<b>S06s</b>	14505	1-4	1010	Wed	276 839 5 40614 77249 40678 17976 21816 839 5 00000	USB	(AB)
<b>S06s</b>	14505	8-4	1010	Wed	276 839 5 40614 77249 40678 17976 21816 839 5 00000	USB	(AB-RUS)
<b>S06s</b>	14505	15-4	1010	Wed	276 435 8 80113 13680 24519 33226 36362 37632 40047 32696 435 8 0000	USB	(AB-RUS)
<b>S06s</b>	14505	22-4	1011	Wed	276 435 8 80113 13680 24519 33226 36362 37632 40047 32696 435 8 0000 Late start	USB	(AB)
<b>S06s</b>	14505	29-4	1010	Wed	276 276 276 00000	USB	(AB)
<b>S06s</b>	14580	6-4	0900	Mon	232 854 6 69229 27128 29544 37007 41751 29683 854 6 00000	USB	(AB-UKR)
<b>S06s</b>	14580	13-4	0900	Mon	232 854 6 69229 27128 29544 37007 41751 29683 854 6 00000	USB	(AB-UKR)

<b>S06s</b>	14580	20-4	0900	Mon	232 947 5 10597 23512 47660 92883 69901 947 5 00000	USB	(AB-UKR)
<b>S06s</b>	14580	27-4	0900	Mon	232 947 5 10597 23512 47660 92883 69901 947 5 00000	USB	(AB)
<b>S06s</b>	15855	7-4	0600	Tue	438 512 6 03063 24122 33346 65132 02232 77286 512 6 00000	USB	(AB-KWT)
<b>S06s</b>	15855	14-4	0600	Tue	438 512 6 03063 24122 33346 65132 02232 77286 512 6 00000	USB	(AB-KWT)
<b>S06s</b>	15855	21-4	0600	Tue	438 526 7 17301 88550 82045 36717 24042 75956 31670 526 7 00000	USB	(AB-KWT)
<b>S06s</b>	16485	7-4	0610	Tue	438 512 6 03063 24122 33346 65132 02232 77286 512 6 00000	USB	(AB-KWT)
<b>S06s</b>	16485	14-4	0610	Tue	438 512 6 03063 24122 33346 65132 02232 77286 512 6 00000	USB	(AB-KWT)
<b>S06s</b>	16485	21-4	0610	Tue	438 526 7 17301 88550 82045 36717 24042 75956 31670 526 7 00000	USB	(AB-KWT)
<b>S06s</b>	20050	6-4	0640	Mon	462 591 7 56041 68858 17106 77456 65018 10059 60969 591 7 00000	USB	(AB-UKR)
<b>S06s</b>	20050	27-4	0640	Mon	462 978 5 88620 58060 61732 47537 57440 978 5 00000	USB	(AB-UKR)
<b>S06s</b>	22185	6-4	0630	Mon	462 591 7 56041 68858 17106 77456 65018 10059 60969 591 7 00000	USB	(AB-UKR)
<b>S06s</b>	22185	27-4	0630	Mon	462 978 5 88620 58060 61732 47537 57440 978 5 00000	USB	(AB-UKR)
<b>S11a</b>	4505	3-4	0915	Fri	482/00	USB	(AB-POL)
<b>S11a</b>	4505	6-4	0915	Mon	481/00	USB	(AB)
<b>S11a</b>	4505	10-4	0915	Fri	484/00	USB	(AB-POL)
<b>S11a</b>	4505	13-4	0915	Mon	483/00	USB	(AB)
<b>S11a</b>	4505	17-4	0915	Fri	481/00	USB	(AB-POL)
<b>S11a</b>	4505	20-4	0915	Mon	480/37 Vnimanije 43283 81176 67057 ... 50898 19583 91682 Vnimanije (message repeated) Konets	USB	(AB-POL)
<b>S11a</b>	4505	27-4	0915	Mon	486/00	USB	(AB-POL)
<b>S11a</b>	6433	1-4	1100	Wed	376/00	USB	(AB)
<b>S11a</b>	6433	3-4	1100	Fri	377/00	USB	(AB)
<b>S11a</b>	6433	8-4	1100	Wed	378/00	USB	(AB-POL)
<b>S11a</b>	6433	10-4	1100	Fri	371/00	USB	(AB)
<b>S11a</b>	6433	15-4	1100	Wed	379/40 Vnimanije 90371 63526 10530 ... 91311 41200 00147 Vnimanije (message repeated) Konets	USB	(AB-POL)
<b>S11a</b>	6433	17-4	1100	Fri	379/40 Vnimanije 90371 63526 10530 ... 91311 41200 00147 Vnimanije (message repeated) Konets	USB	(AB)
<b>S11a</b>	6433	22-4	1100	Wed	373/00	USB	(AB)
<b>S11a</b>	6433	24-4	1100	Fri	370/00	USB	(AB)
<b>S11a</b>	6433	29-4	1100	Wed	370/00	USB	(AB)
<b>S11a</b>	7469	3-4	1020	Fri	420/00	USB	(AB)
<b>S11a</b>	7469	7-4	1020	Tue	426/00	USB	(AB)
<b>S11a</b>	7469	10-4	1020	Fri	429/00	USB	(AB/MPJ)
<b>S11a</b>	7469	14-4	1020	Tue	422/00	USB	(AB)
<b>S11a</b>	7469	17-4	1020	Fri	422/00	USB	(AB)
<b>S11a</b>	7469	21-4	1020	Tue	420/33 Vnimanije 98178 29876 67754 ... 56091 43608 52617 Vnimanije (message repeated) Konets	USB	(AB)



<b>S11a</b>	7469	24-4	1020	Fri	420/33 Vnimanaye 98178 29876 67754 ... 56091 43608 52617 Vnimanaye (message repeated) Konets	USB	(AB)
<b>S11a</b>	7469	28-4	1020	Tue	422/00	USB	(AB)
<b>S11a</b>	8597	2-4	0700	Thu	470/00	USB	(AB)
<b>S11a</b>	8597	6-4	0700	Mon	475/00	USB	(AB)
<b>S11a</b>	8597	9-4	0700	Thu	479/00	USB	(AB)
<b>S11a</b>	8597	13-4	0700	Mon	470/00	USB	(AB)
<b>S11a</b>	8597	16-4	0700	Thu	476/00	USB	(AB)
<b>S11a</b>	8597	20-4	0700	Mon	475/00	USB	(AB)
<b>S11a</b>	8597	23-4	0700	Thu	479/00	USB	(AB)
<b>S11a</b>	8597	27-4	0700	Mon	479/33 Vnimanaye 51147 84733 23846 ... 40819 10541 05718 Vnimanaye (message repeated) Konets	USB	(AB)
<b>S11a</b>	8597	30-4	0700	Thu	479/33 Vnimanaye 51147 84733 23846 ... 40819 10541 05718 Vnimanaye (message repeated) Konets	USB	(AB)
<b>S11a</b>	10213	1-4	1850	Wed	282/00	USB	(AB/MPJ)
<b>S11a</b>	10213	4-4	1850	Sat	285/00	USB	(AB/MPJ)
<b>S11a</b>	10213	8-4	1850	Wed	281/34 Vnimanaye 84643 54667 68504 ... 75243 84479 25939 Vnimanaye (message repeated) Konets	USB	(AB/MPJ)
<b>S11a</b>	10213	11-4	1850	Sat	281/34 Vnimanaye 84643 54667 68504 ... 75243 84479 25939 Vnimanaye (message repeated) Konets	USB	(AB/MPJ)
<b>S11a</b>	10213	15-4	1850	Wed	287/00	USB	(AB/MPJ)
<b>S11a</b>	10213	18-4	1854	Sat	287/00 Late start	USB	(MPJ)
<b>S11a</b>	10213	22-4	1850	Wed	280/00	USB	(AB/MPJ)
<b>S11a</b>	10213	25-4	1850	Sat	281/00	USB	(AB/MPJ)
<b>S11a</b>	10213	29-4	1850	Wed	282/00	USB	(AB/MPJ)
<b>S11a</b>	11116	1-4	0510	Wed	655/00	USB	(AB-POL)
<b>S11a</b>	11116	6-4	0510	Mon	652/34 Vnimanaye 65534 14226 18834 ... 84693 75331 12145 Vnimanaye (message repeated) Konets	USB	(AB-POL)
<b>S11a</b>	11116	8-4	0510	Wed	652/34 Vnimanaye 65534 14226 18834 ... 84693 75331 12145 Vnimanaye (message repeated) Konets	USB	(AB-POL)
<b>S11a</b>	11116	13-4	0510	Mon	657/00	USB	(AB-POL)
<b>S11a</b>	11116	15-4	0510	Wed	659/00	USB	(AB-POL)
<b>S11a</b>	11116	20-4	0510	Mon	655/00	USB	(AB-POL)
<b>S11a</b>	11116	22-4	0510	Wed	659/00	USB	(AB-POL)
<b>S11a</b>	11116	27-4	0510	Mon	655/00	USB	(AB-POL/HFD)
<b>S11a</b>	11116	29-4	0510	Wed	655/00	USB	(AB)
<b>S28</b>	4625	27-4	1323	Mon	Buzzer channel marker	USB	(ChPa)
<b>S28</b>	4810	27-4	1643	Mon	Buzzer channel marker. Spur of 4625 kHz	USB	(ChPa)
<b>S30</b>	5448	27-4	1327	Mon	Pip channel marker	USB	(ChPa)

<b>S32</b>	5474	27-4	1330	Mon	Squeaky Wheel channel marker	USB	(ChPa)
<b>UM03</b>	7429	23-4	0818	Thu	i.p. KPBOM OGKRX YWVLD (IP û ContÆd û Hand sent û 0818z)	CW	(JPL-HK)
<b>UM03</b>	7440	23-4	0816	Thu	i.p. = NKRZQ RXGVZ PYNDG NPXNE (IP û ContÆd û Hand sent û 0816z)	CW	(JPL-HK)
<b>UM03</b>	7920	23-4	0800	Thu	X2M i.p. 03 03 CK 100 CK 100 TIME 0300 TIME 0300 DATE 2404 DATE 2404 = //8250, 8410 kHz	CW	(JPL-HK)
<b>UM03</b>	7920	29-4	0931	Wed	X2M i.p. 19 19 CK 100 CK 100 TIME 0430 TIME 0430 DATE 3004 DATE 3004 = //8250, 8410 kHz	CW	(JPL-HK)
<b>UM03</b>	8250	23-4	0800	Thu	X2M i.p. 03 03 CK 100 CK 100 TIME 0300 TIME 0300 DATE 2404 DATE 2404 = //7920, 8410 kHz	CW	(JPL-HK)
<b>UM03</b>	8250	29-4	0931	Wed	X2M i.p. 19 19 CK 100 CK 100 TIME 0430 TIME 0430 DATE 3004 DATE 3004 = //7920, 8410 kHz	CW	(JPL-HK)
<b>UM03</b>	8410	9-4	0730	Thu	X2M i.p. AR 09 09 CK 100 CK 100 TIME 0230 TIME 0230 DATE 1004 DATE 1004 = TWLNC LODFU DGJYA YBQSK TWLNC ODFUX W	CW	(JPL-HK)
<b>UM03</b>	8410	23-4	0800	Thu	X2M i.p. 03 03 CK 100 CK 100 TIME 0300 TIME 0300 DATE 2404 DATE 2404 = //7920, 8250 kHz	CW	(JPL-HK)
<b>UM03</b>	8410	29-4	0931	Wed	X2M i.p. 19 19 CK 100 CK 100 TIME 0430 TIME 0430 DATE 3004 DATE 3004 = //7920, 8250 kHz	CW	(JPL-HK)
<b>UM03</b>	8740	23-4	0853	Thu	i.p. DWCPQ EINNU LWTAK CYGTC (IP û ContÆd û Hand sent û 0853z)	CW	(JPL-HK)
<b>UM03</b>	9350	23-4	0800	Thu	i.p. AR ZNN 5LGs message OK QSL 3 ZNN QRX VA (Other station also on this frequency)	CW	(JPL-HK)
<b>UM03</b>	10340	23-4	0847	Thu	i.p. CFUOD XMGVJ YAPHB QHZIK ...	CW	(JPL-HK)
<b>UM10</b>	3315	24-4	1433	Fri	10-minutes net: S3DN //6958 kHz	CW	(JPL-RUS)
<b>UM10</b>	3568	24-4	1451	Fri	10-minutes net: NZO6 //4065 kHz	CW	(JPL-RUS)
<b>UM10</b>	4065	24-4	1451	Fri	10-minutes net: NZO6 //3568 kHz	CW	(JPL-RUS)
<b>UM10</b>	5845	10-4	2308	Fri	10-mintes net: ZUBW //6958 kHz	CW	(JPL-RUS)
<b>UM10</b>	6958	10-4	2308	Fri	10-mintes net: ZUBW //5845 kHz	CW	(JPL-RUS)
<b>UM10</b>	6958	24-4	1433	Fri	10-minutes net: S3DN //3315 kHz	CW	(JPL-RUS)
<b>V07</b>	10418	5-4	0340	Sun	254 254 254 1 110 95 110 95 11287 54903 00444 ... 64374 12762	USB	(HFD-USA)
<b>V07</b>	11518	5-4	0320	Sun	254 254 254 1 110 95 110 95 11287 54903 00444 ... 64374 12762	USB	(HFD-USA)
<b>V07</b>	12218	5-4	0300	Sun	254 254 254 1 110 95 110 95 11287 54903 00444 ... 64374 12762	USB	(Dan/HFD-USA)
<b>V07</b>	12218	12-4	0300	Sun	254 254 254 1 3215 109 27695 11059 65391 ... 05914 79450 000 000	USB	(Dan)
<b>V07</b>	12218	19-4	0300	Sun	254 254 254 1 6201 122 6201 122 70973 33287 01333 ... 39185 19954 000	USB	(Dan)
<b>V07</b>	12218	26-4	0303	Sun	i.p. in Spanish	USB	(CM2-J)
<b>V16</b>	4243	14-4	1140	Tue	Callup in Chinese //9054	USB	(JPL)
<b>V16</b>	9054	14-4	1140	Tue	Callup in Chinese //4243	USB	(JPL)
<b>V24</b>	5150	18-4	1400	Sat	K-popsong followed by a message in Korean	AM	(AB-J)
<b>V24</b>	5150	18-4	1400	Sat	K-popsong followed by a message in Korean	AM	(AB-J)
<b>V24</b>	5150	21-4	1400	Tue	K-popsong followed by a message in Korean	AM	(AB-J)
<b>V24</b>	5900	15-4	1600	Wed	K-popsong followed by a message in Korean	AM	(AB-J)
<b>V24</b>	5900	18-4	1600	Sat	K-popsong followed by a message in Korean	AM	(AB-J)
<b>V26</b>	8073	3-4	1130	Fri	XSV85 callup in Chinese	USB	(JPL)
<b>V28</b>	1933.8	3-4	1001	Fri	Parrot. Messages in Korean. Female operator	AM	(HK)
<b>V28</b>	2931	17-4	1001	Fri	Parrot. Message in Korean	AM	(HK)
<b>V28</b>	3515.5	3-4	0958	Fri	Parrot. Messages in Korean. Female operator	AM	(HK)
<b>V28</b>	3522	17-4	1001	Fri	Parrot. Message in Korean	AM	(HK)
<b>V28</b>	4620.8	17-4	1001	Fri	Parrot. Message in Korean, Nad modulation	AM	(HK)

V28	4623.4	3-4	1001	Fri	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	5137.7	17-4	1001	Fri	Parrot. Message in Korean. Male operator	AM	(HK)
V28	5163.8	3-4	1001	Fri	Parrot. Messages in Korean. Female operator	AM	(HK)
VC01	3069	2-4	1337	Thu	Chinese Air Defense (Chinese Robot)	USB	(AB)
VC01	5285	5-4	1430	Sun	Chinese Air Defense (Chinese Robot)	USB	(AB)
VC01	5285	18-4	1410	Sat	Chinese Air Defense (aka Chinee Robot)	USB	(AB-J)
VC01	5285	25-4	1357	Sat	Chinese Air Defense (aka Chinee Robot)	USB	(AB-J)
VC01	5285	29-4	1638	Wed	Chinese Air Defense (aka Chinese Robot)	USB	(BW3)
VC01	7643.5	1-4	1318	Wed	Chinese Air Defense (Chinese Robot)	LSB	(AB)
X06	12126	23-4	0704	Thu	MFA Moscow clg 521634: Russian embassy Bucharest	MFSK-6	(AB)
X06	12157	7-4	0758	Tue	MFA Moscow clg 165423 Russian embassy Brussels, BEL	MFSK-6	(ES-HOL)
X06	12157	21-4	0756	Tue	MFA Moscow clg 165423: Russian embassy Brussels. Harmonic on 12105 kHz	MFSK-6	(AB)
X06	13481	5-4	0700	Sun	MFA Moscow clg 452163: Russian embassy Kabul	MFSK-6	(ES)
X06	14615	7-4	0759	Tue	MFA Moscow clg 125643 Russian embassy Ulanbatar, MNG	MFSK-6	(ES-HOL)
X06b	13417	26-4	1651	Sun	Sequence 111666 before E07	MFSK-6	(AB)
X06b	13418	4-4	0649	Sat	Sequence: 111666 before E07a	MFSK-6	(AB)
X06b	13418	4-4	0655	Sat	Sequence: 111666 before E07a	MFSK-6	(AB)
X06b	14442	19-4	1024	Sun	Sequence 111666 before XPA2	MFSK-6	(Dan)
X06b	14442	19-4	1028	Sun	Sequence 111666 before XPA2	MFSK-6	(Dan)
X06b	14442	19-4	1030	Sun	Sequence 111666 before XPA2	MFSK-6	(Dan)
X06b	15881	6-4	1417	Mon	Sequence 111666 before XPA2	MFSK-6	(AB)
X06b	16342	26-4	1039	Sun	Sequence 111666 before XPA2	MFSK-6	(Dan)
X06b	16342	26-4	1041	Sun	Sequence 111666 before XPA2	MFSK-6	(Dan)
X06b	16342	26-4	1042	Sun	Sequence 111666 before XPA2	MFSK-6	(Dan)
X06b	16342	26-4	1047	Sun	Sequence 111666 before XPA2	MFSK-6	(Dan)
X06b	16342	26-4	1051	Sun	Sequence 111666 before XPA2	MFSK-6	(Dan)
XPA1	10428	2-4	0710	Thu	486 486 486 000 05425 00001 00000 35657	MFSK-20/10Bd	(AB)
XPA1	10428	7-4	0710	Tue	486 486 486 1 00111 00112 39100 ... 64379 48010 40613	MFSK-20/10Bd	(AB/HFD)
XPA1	10428	9-4	0710	Thu	486 486 486 1 00111 00112 39100 ... 64379 48010 40613	MFSK-20/10Bd	(AB)
XPA1	10428	14-4	0710	Tue	486 486 486 1 00111 00112 39100 ... 64379 48010 40613	MFSK-20/10Bd	(AB)
XPA1	10428	16-4	0710	Thu	486 486 486 1 00111 00112 39100 ... 64379 48010 40613	MFSK-20/10Bd	(AB)
XPA1	10428	21-4	0710	Tue	486 486 486 000 02275 00001 00000 34661	MFSK-20/10Bd	(AB)
XPA1	10428	23-4	0710	Thu	486 486 486 000 06357 00001 00000 36263	MFSK-20/10Bd	(AB)
XPA1	10428	28-4	0710	Tue	486 486 486 000 02618 00001 00000 40253	MFSK-20/10Bd	(AB)
XPA1	10428	30-4	0710	Thu	486 486 486 000 06091 00001 00000 31667	MFSK-20/10Bd	(AB)
XPA1	11431	2-4	0730	Thu	486 486 486 000 05425 00001 00000 35657	MFSK-20/10Bd	(AB)
XPA1	11431	7-4	0730	Tue	486 486 486 1 00111 00112 39100 ... 64379 48010 40613	MFSK-20/10Bd	(AB/HFD)
XPA1	11431	9-4	0730	Thu	486 486 486 1 00111 00112 39100 ... 64379 48010 40613	MFSK-20/10Bd	(AB)
XPA1	11431	14-4	0730	Tue	486 486 486 1 00111 00112 39100 ... 64379 48010 40613	MFSK-20/10Bd	(AB)

XPA1	11431	16-4	0730	Thu	486 486 486 1 00111 00112 39100 ... 64379 48010 40613	MFSK-20/10Bd	(AB)
XPA1	11431	21-4	0730	Tue	486 486 486 000 02275 00001 00000 34661	MFSK-20/10Bd	(AB)
XPA1	11431	23-4	0730	Thu	486 486 486 000 06357 00001 00000 36263	MFSK-20/10Bd	(AB)
XPA1	11431	28-4	0730	Tue	486 486 486 000 02618 00001 00000 40253	MFSK-20/10Bd	(AB)
XPA1	11431	30-4	0730	Thu	486 486 486 000 06091 00001 00000 31667	MFSK-20/10Bd	(AB)
XPA1	13441	2-4	0750	Thu	486 486 486 000 05425 00001 00000 35657	MFSK-20/10Bd	(AB)
XPA1	13441	7-4	0750	Tue	486 486 486 1 00111 00112 39100 ... 64379 48010 40613	MFSK-20/10Bd	(AB/HFD)
XPA1	13441	9-4	0750	Thu	486 486 486 1 00111 00112 39100 ... 64379 48010 40613	MFSK-20/10Bd	(AB)
XPA1	13441	14-4	0750	Tue	486 486 486 1 00111 00112 39100 ... 64379 48010 40613	MFSK-20/10Bd	(AB)
XPA1	13441	16-4	0750	Thu	486 486 486 1 00111 00112 39100 ... 64379 48010 40613	MFSK-20/10Bd	(AB)
XPA1	13441	21-4	0750	Tue	486 486 486 000 02275 00001 00000 34661	MFSK-20/10Bd	(AB)
XPA1	13441	23-4	0750	Thu	486 486 486 000 06357 00001 00000 36263	MFSK-20/10Bd	(AB)
XPA1	13441	28-4	0750	Tue	486 486 486 000 02618 00001 00000 40253	MFSK-20/10Bd	(AB)
XPA1	13441	30-4	0750	Thu	486 486 486 000 06091 00001 00000 31667	MFSK-20/10Bd	(AB)
XPA2	11409	1-4	0700	Wed	01745 00001 00000 37255	MFSK-16/20Bd	(AB)
XPA2	11409	6-4	0700	Mon	00277 00111 87876 ... 50132 22540 44011	MFSK-16/20Bd	(AB/HFD)
XPA2	11409	8-4	0700	Wed	00277 00111 87876 ... 50132 22540 44011	MFSK-16/20Bd	(AB)
XPA2	11409	13-4	0700	Mon	00277 00111 87876 ... 50132 22540 44011	MFSK-16/20Bd	(AB)
XPA2	11409	15-4	0700	Wed	00277 00111 87876 ... 50132 22540 44011	MFSK-16/20Bd	(AB)
XPA2	11409	20-4	0700	Mon	03775 00089 70730 ... 56659 51841 21253	MFSK-16/20Bd	(AB)
XPA2	11409	22-4	0700	Wed	03775 00089 70730 ... 56659 51841 21253	MFSK-16/20Bd	(AB)
XPA2	11409	27-4	0700	Mon	03775 00089 70730 ... 56659 51841 21253	MFSK-16/20Bd	(AB)
XPA2	11409	29-4	0700	Wed	03775 00089 70730 ... 56659 51841 21253	MFSK-16/20Bd	(AB)
XPA2	12209	1-4	0720	Wed	01745 00001 00000 37255	MFSK-16/20Bd	(AB)
XPA2	12209	6-4	0720	Mon	00277 00111 87876 ... 50132 22540 44011	MFSK-16/20Bd	(AB/HFD)
XPA2	12209	8-4	0720	Wed	00277 00111 87876 ... 50132 22540 44011	MFSK-16/20Bd	(AB)
XPA2	12209	13-4	0720	Mon	00277 00111 87876 ... 50132 22540 44011	MFSK-16/20Bd	(AB)
XPA2	12209	15-4	0720	Wed	00277 00111 87876 ... 50132 22540 44011	MFSK-16/20Bd	(AB)
XPA2	12209	20-4	0720	Mon	03775 00089 70730 ... 56659 51841 21253	MFSK-16/20Bd	(AB)
XPA2	12209	22-4	0720	Wed	03775 00089 70730 ... 56659 51841 21253	MFSK-16/20Bd	(AB)
XPA2	12209	27-4	0720	Mon	03775 00089 70730 ... 56659 51841 21253	MFSK-16/20Bd	(AB)
XPA2	12209	29-4	0720	Wed	03775 00089 70730 ... 56659 51841 21253	MFSK-16/20Bd	(AB)
XPA2	13381	4-4	1540	Sat	00397 00141 45381 ... 69259 78682 70172	USB	(AB/HFD)
XPA2	13381	6-4	1540	Mon	06540 00001 00000 33662	USB	(AB/MPJ)
XPA2	13381	11-4	1540	Sat	04629 00001 00000 40656	USB	(AB)
XPA2	13381	13-4	1540	Mon	00191 00273 80474 ...	USB	(AB)
XPA2	13381	18-4	1540	Sat	00191 00273 80474 ... 71821 18769 65533	USB	(AB)
XPA2	13381	20-4	1540	Mon	07301 00001 00000 33257	USB	(AB)
XPA2	13381	25-4	1540	Sat	04992 00001 00000 36665	MFSK-16/20Bd	(AB)

XPA2	13381	27-4	1540	Mon	00490 00268 27876 ... 53177 94231 16777	USB	(AB)
XPA2	13409	1-4	0740	Wed	01745 00001 00000 37255	MFSK-16/20Bd	(AB)
XPA2	13409	6-4	0740	Mon	00277 00111 87876 ... 50132 22540 44011	MFSK-16/20Bd	(AB/HFD)
XPA2	13409	8-4	0740	Wed	00277 00111 87876 ... 50132 22540 44011	MFSK-16/20Bd	(AB)
XPA2	13409	13-4	0740	Mon	00277 00111 87876 ... 50132 22540 44011	MFSK-16/20Bd	(AB)
XPA2	13409	15-4	0740	Wed	00277 00111 87876 ... 50132 22540 44011	MFSK-16/20Bd	(AB)
XPA2	13409	20-4	0740	Mon	03775 00089 70730 ... 56659 51841 21253	MFSK-16/20Bd	(AB)
XPA2	13409	22-4	0740	Wed	03775 00089 70730 ... 56659 51841 21253	MFSK-16/20Bd	(AB)
XPA2	13409	27-4	0740	Mon	03775 00089 70730 ... 56659 51841 21253	MFSK-16/20Bd	(AB)
XPA2	13409	29-4	0740	Wed	03775 00089 70730 ... 56659 51841 21253	MFSK-16/20Bd	(AB)
XPA2	13459	2-4	0950	Thu	02242 00001 00000 33256	MFSK-16/20Bd	(AB/RL/HFD)
XPA2	13459	4-4	0950	Sat	08499 00001 00000 37671	MFSK-16/20Bd	(AB)
XPA2	13459	9-4	0950	Thu	05681 00000 00000 34665	MFSK-16/20Bd	(AB)
XPA2	13459	11-4	0950	Sat	08497 00001 00000 36671	MFSK-16/20Bd	(AB)
XPA2	13459	16-4	0950	Thu	00162 00058 59263 ... 53791 56937 05762	MFSK-16/20Bd	(AB)
XPA2	13459	18-4	0950	Sat	00162 00058 59263 ... 53791 56937 05762	MFSK-16/20Bd	(AB)
XPA2	13459	23-4	0950	Thu	00415 00066 31618 ... 85011 17913 31343	MFSK-16/20Bd	(AB)
XPA2	13459	25-4	0950	Sat	00415 00066 31618 ... 85011 17913 31343	MFSK-16/20Bd	(AB)
XPA2	13459	30-4	0950	Thu	09461 00001 00000 33667	MFSK-16/20Bd	(AB)
XPA2	13919	2-4	1640	Thu	02940 00001 00000 35656	MFSK-16/20Bd	(AB/MPJ)
XPA2	13919	7-4	1640	Tue	00582 00098 71205 ... 34377 77115 04541	MFSK-16/20Bd	(AB/MPJ)
XPA2	13919	9-4	1640	Thu	00582 00098 71205 ... 34377 77115 04541	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	13919	14-4	1640	Tue	08024 00001 00000 33262	MFSK-16/20Bd	(AB/MPJ)
XPA2	13919	16-4	1640	Thu	05621 00001 00000 34657	MFSK-16/20Bd	(AB/MPJ)
XPA2	13919	21-4	1640	Tue	02880 00098 55662 ... 35286 87842 04214	MFSK-16/20Bd	(AB)
XPA2	13919	23-4	1640	Thu	02880 00098 55662 ... 35286 87842 04214	MFSK-16/20Bd	(AB/MPJ)
XPA2	13919	28-4	1640	Tue	7448 00001 00000 27664	MFSK-16/20Bd	(AB/MPJ)
XPA2	13919	30-4	1640	Thu	06278 00001 00000 36265	MFSK-16/20Bd	(AB/MPJ)
XPA2	14377	1-4	1200	Wed	00500 00168 12068 ... 13596 29638 10611	MFSK-16/29Bd	(AB)
XPA2	14377	3-4	1200	Fri	00500 00168 12068 ... 13596 29638 10611	MFSK-16/29Bd	(AB)
XPA2	14377	8-4	1200	Wed	03457 00196 41938 ... 82379 77038 13351	MFSK-16/29Bd	(AB/MPJ/RL)
XPA2	14377	10-4	1200	Fri	03457 00196 41938 ... 82379 77038 13351	MFSK-16/29Bd	(AB)
XPA2	14377	15-4	1200	Wed	03970 00202 04772 ... 35908 02095 41755	MFSK-16/29Bd	(AB)
XPA2	14377	17-4	1200	Fri	03970 00202 04772 ... 35908 02095 41755	MFSK-16/29Bd	(AB/MPJ)
XPA2	14377	22-4	1200	Wed	00578 00208 82915 ... 56972 68301 20757	MFSK-16/29Bd	(AB/MPJ/HFD)
XPA2	14377	24-4	1200	Fri	00578 00208 82915 ... 56972 68301 20757	MFSK-16/29Bd	(AB)
XPA2	14377	29-4	1200	Wed	07726 00120 43828 ... 28981 63615 53654	MFSK-16/29Bd	(AB)
XPA2	14442	7-4	1200	Tue	00566 00218 30747 ... 80454 51882 07322	MFSK-16/20Bd	(AB/HFD)
XPA2	14442	12-4	1200	Sun	00566 00218 30747 ... 80454 51882 07322	MFSK-16/20Bd	(AB/MPJ)

XPA2	14442	14-4	1200	Tue	00452 00218 00611 ... 72299 63424 50563	MFSK-16/20Bd	(AB/RL)
XPA2	14442	19-4	1200	Sun	00566 00218 30747 ... 80454 51882 07322	MFSK-16/20Bd	(AB/Dan)
XPA2	14442	21-4	1200	Tue	00221 00222 81001 ... 92397 43206 72062	MFSK-16/20Bd	(AB)
XPA2	14442	26-4	1200	Sun	00221 00222 81001 ... 92397 43206 72062	MFSK-16/20Bd	(AB/MPJ)
XPA2	14442	28-4	1200	Tue	00279 00166 78864 ... 61413 72306 07604	MFSK-16/20Bd	(AB)
XPA2	14481	4-4	1520	Sat	00397 00141 45381 ... 69259 78682 70172	USB	(AB/HFD)
XPA2	14481	6-4	1520	Mon	06540 00001 00000 33662	USB	(AB/MPJ)
XPA2	14481	11-4	1520	Sat	04629 00001 00000 40656	USB	(AB)
XPA2	14481	13-4	1520	Mon	00191 00273 80474 ...	USB	(AB)
XPA2	14481	18-4	1520	Sat	00191 00273 80474 ... 71821 18769 65533	USB	(AB/GHn)
XPA2	14481	20-4	1520	Mon	07301 00001 00000 33257	USB	(AB)
XPA2	14481	25-4	1520	Sat	04992 00001 00000 36665	MFSK-16/20Bd	(AB)
XPA2	14481	27-4	1520	Mon	00490 00268 27876 ... 53177 94231 16777	USB	(AB)
XPA2	14659	2-4	0930	Thu	02242 00001 00000 33256	MFSK-16/20Bd	(AB/HFD)
XPA2	14659	4-4	0930	Sat	08499 00001 00000 37671	MFSK-16/20Bd	(AB)
XPA2	14659	9-4	0930	Thu	05681 00000 00000 34665	MFSK-16/20Bd	(AB)
XPA2	14659	11-4	0930	Sat	08497 00001 00000 36671	MFSK-16/20Bd	(AB)
XPA2	14659	16-4	0930	Thu	00162 00058 59263 ... 53791 56937 05762	MFSK-16/20Bd	(AB)
XPA2	14659	18-4	0930	Sat	00162 00058 59263 ... 53791 56937 05762	MFSK-16/20Bd	(AB)
XPA2	14659	23-4	0930	Thu	00415 00066 31618 ... 85011 17913 31343	MFSK-16/20Bd	(AB)
XPA2	14659	25-4	0930	Sat	00415 00066 31618 ... 85011 17913 31343	MFSK-16/20Bd	(AB)
XPA2	14659	30-4	0930	Thu	09461 00001 00000 33667	MFSK-16/20Bd	(AB)
XPA2	14919	2-4	1620	Thu	02940 00001 00000 35656	MFSK-16/20Bd	(AB/MPJ)
XPA2	14919	7-4	1620	Tue	00582 00098 71205 ... 34377 77115 04541	MFSK-16/20Bd	(AB/MPJ)
XPA2	14919	9-4	1620	Thu	00582 00098 71205 ... 34377 77115 04541	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	14919	14-4	1620	Tue	08024 00001 00000 33262	MFSK-16/20Bd	(AB/MPJ)
XPA2	14919	16-4	1620	Thu	05621 00001 00000 34657	MFSK-16/20Bd	(AB/MPJ)
XPA2	14919	21-4	1620	Tue	02880 00098 55662 ... 35286 87842 04214	MFSK-16/20Bd	(AB)
XPA2	14919	23-4	1620	Thu	02880 00098 55662 ... 35286 87842 04214	MFSK-16/20Bd	(AB/MPJ)
XPA2	14919	28-4	1620	Tue	7448 00001 00000 27664	MFSK-16/20Bd	(AB/MPJ)
XPA2	14919	30-4	1620	Thu	06278 00001 00000 36265	MFSK-16/20Bd	(AB/MPJ)
XPA2	14977	1-4	1220	Wed	00500 00168 12068 ... 13596 29638 10611	MFSK-16/29Bd	(AB)
XPA2	14977	3-4	1220	Fri	00500 00168 12068 ... 13596 29638 10611	MFSK-16/29Bd	(AB)
XPA2	14977	8-4	1220	Wed	03457 00196 41938 ... 82379 77038 13351	MFSK-16/29Bd	(AB/MPJ/RL)
XPA2	14977	10-4	1220	Fri	03457 00196 41938 ... 82379 77038 13351	MFSK-16/29Bd	(AB/RL)
XPA2	14977	15-4	1220	Wed	03970 00202 04772 ... 35908 02095 41755	MFSK-16/29Bd	(AB)
XPA2	14977	17-4	1220	Fri	03970 00202 04772 ... 35908 02095 41755	MFSK-16/29Bd	(AB/MPJ)
XPA2	14977	22-4	1220	Wed	00578 00208 82915 ... 56972 68301 20757	MFSK-16/29Bd	(AB/MPJ/HFD)
XPA2	14977	24-4	1220	Fri	00578 00208 82915 ... 56972 68301 20757	MFSK-16/29Bd	(AB)



XPA2	14977	29-4	1220	Wed	07726 00120 43828 ... 28981 63615 53654	MFSK-16/29Bd	(AB)
XPA2	15819	2-4	1600	Thu	02940 00001 00000 35656	MFSK-16/20Bd	(AB/MPJ)
XPA2	15819	7-4	1600	Tue	00582 00098 71205 ... 34377 77115 04541	MFSK-16/20Bd	(AB/MPJ)
XPA2	15819	9-4	1600	Thu	00582 00098 71205 ... 34377 77115 04541	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	15819	14-4	1600	Tue	08024 00001 00000 33262	MFSK-16/20Bd	(AB/MPJ)
XPA2	15819	16-4	1600	Thu	05621 00001 00000 34657	MFSK-16/20Bd	(AB/MPJ)
XPA2	15819	21-4	1600	Tue	02880 00098 55662 ... 35286 87842 04214	MFSK-16/20Bd	(AB)
XPA2	15819	23-4	1600	Thu	02880 00098 55662 ... 35286 87842 04214	MFSK-16/20Bd	(AB/MPJ)
XPA2	15819	28-4	1600	Tue	7448 00001 00000 27664	MFSK-16/20Bd	(AB/MPJ)
XPA2	15819	30-4	1600	Thu	06278 00001 00000 36265	MFSK-16/20Bd	(AB-RUS/MPJ)
XPA2	15842	7-4	1220	Tue	00566 00218 30747 ... 80454 51882 07322	MFSK-16/20Bd	(AB/RL/HFD)
XPA2	15842	12-4	1220	Sun	00566 00218 30747 ... 80454 51882 07322	MFSK-16/20Bd	(AB/RL/MPJ)
XPA2	15842	14-4	1220	Tue	00452 00218 00611 ... 72299 63424 50563	MFSK-16/20Bd	(AB/RL)
XPA2	15842	19-4	1220	Sun	00566 00218 30747 ... 80454 51882 07322	MFSK-16/20Bd	(AB)
XPA2	15842	21-4	1220	Tue	00221 00222 81001 ... 92397 43206 72062	MFSK-16/20Bd	(AB)
XPA2	15842	26-4	1220	Sun	00221 00222 81001 ... 92397 43206 72062	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	15842	28-4	1220	Tue	00279 00166 78864 ... 61413 72306 07604	MFSK-16/20Bd	(AB/RL)
XPA2	15859	2-4	0910	Thu	02242 00001 00000 33256	MFSK-16/20Bd	(AB/HFD)
XPA2	15859	4-4	0910	Sat	08499 00001 00000 37671	MFSK-16/20Bd	(AB)
XPA2	15859	9-4	0910	Thu	05681 00000 00000 34665	MFSK-16/20Bd	(AB)
XPA2	15859	11-4	0910	Sat	08497 00001 00000 36671	MFSK-16/20Bd	(AB)
XPA2	15859	16-4	0910	Thu	00162 00058 59263 ... 53791 56937 05762	MFSK-16/20Bd	(AB)
XPA2	15859	18-4	0910	Sat	00162 00058 59263 ... 53791 56937 05762	MFSK-16/20Bd	(AB)
XPA2	15859	23-4	0910	Thu	00415 00066 31618 ... 85011 17913 31343	MFSK-16/20Bd	(AB)
XPA2	15859	25-4	0910	Sat	00415 00066 31618 ... 585011 17913 31343	MFSK-16/20Bd	(AB)
XPA2	15859	30-4	0910	Thu	09461 00001 00000 33667	MFSK-16/20Bd	(AB)
XPA2	15881	4-4	1500	Sat	00397 00141 45381 ... 69259 78682 70172	USB	(AB/GHn/HFD)
XPA2	15881	6-4	1500	Mon	06540 00001 00000 33662	USB	(AB/MPJ)
XPA2	15881	11-4	1500	Sat	04629 00001 00000 40656	USB	(AB)
XPA2	15881	13-4	1500	Mon	00191 00273 80474 ...	USB	(AB)
XPA2	15881	18-4	1500	Sat	00191 00273 80474 ... 71821 18769 65533	USB	(AB)
XPA2	15881	20-4	1500	Mon	07301 00001 00000 33257	USB	(AB)
XPA2	15881	25-4	1500	Sat	04992 00001 00000 36665	MFSK-16/20Bd	(AB)
XPA2	15881	27-4	1500	Mon	00490 00268 27876 ... 53177 94231 16777	USB	(AB)
XPA2	15977	1-4	1240	Wed	00500 00168 12068 ... 13596 29638 10611	MFSK-16/29Bd	(AB)
XPA2	15977	3-4	1240	Fri	00500 00168 12068 ... 13596 29638 10611	MFSK-16/29Bd	(AB/RL)
XPA2	15977	8-4	1240	Wed	03457 00196 41938 ... 82379 77038 13351	MFSK-16/29Bd	(AB/MPJ/RL)
XPA2	15977	10-4	1240	Fri	03457 00196 41938 ... 82379 77038 13351	MFSK-16/29Bd	(AB/RL)
XPA2	15977	15-4	1240	Wed	03970 00202 04772 ... 35908 02095 41755	MFSK-16/29Bd	(AB)

<b>XPA2</b>	15977	17-4	1240	Fri	03970 00202 04772 ... 35908 02095 41755	MFSK-16/29Bd	(AB/MPJ)
<b>XPA2</b>	15977	22-4	1240	Wed	00578 00208 82915 ... 56972 68301 20757	MFSK-16/29Bd	(AB/MPJ/HFD)
<b>XPA2</b>	15977	24-4	1240	Fri	00578 00208 82915 ... 56972 68301 20757	MFSK-16/29Bd	(AB/RL)
<b>XPA2</b>	15977	29-4	1240	Wed	07726 00120 43828 ... 28981 63615 53654	MFSK-16/29Bd	(AB/RL)
<b>XPA2</b>	16286	1-4	0950	Wed	04557 00001 00000 37261	MFSK-16/20Bd	(AB)
<b>XPA2</b>	16286	6-4	0950	Mon	08845 00077 36720 ... 60725 50092 22550	MFSK-16/20Bd	(AB)
<b>XPA2</b>	16286	8-4	0950	Wed	08845 00077 36720 ... 60725 50092 22550	MFSK-16/20Bd	(AB)
<b>XPA2</b>	16286	13-4	0950	Mon	08845 00077 36720 ... 60725 50092 22550	MFSK-16/20Bd	(AB)
<b>XPA2</b>	16286	15-4	0950	Wed	08845 00077 36720 ... 60725 50092 22550	MFSK-16/20Bd	(AB/HFD-RUS)
<b>XPA2</b>	16286	20-4	0950	Mon	09174 00001 00000 33670	MFSK-16/20Bd	(AB)
<b>XPA2</b>	16286	22-4	0950	Wed	07444 00001 00000 35263	MFSK-16/20Bd	(AB)
<b>XPA2</b>	16286	27-4	0950	Mon	01112 00099 14884 ... 18875 66174 71704	MFSK-16/20Bd	(AB)
<b>XPA2</b>	16286	29-4	0950	Wed	01112 00099 14884 ... 18875 66174 71704	MFSK-16/20Bd	(AB)
<b>XPA2</b>	16342	7-4	1240	Tue	00566 00218 30747 ... 80454 51882 07322	MFSK-16/20Bd	(AB/RL/HFD)
<b>XPA2</b>	16342	12-4	1240	Sun	00566 00218 30747 ... 80454 51882 07322	MFSK-16/20Bd	(AB/RL/MPJ)
<b>XPA2</b>	16342	14-4	1240	Tue	00452 00218 00611 ... 72299 63424 50563	MFSK-16/20Bd	(AB/RL)
<b>XPA2</b>	16342	19-4	1240	Sun	00566 00218 30747 ... 80454 51882 07322	MFSK-16/20Bd	(AB)
<b>XPA2</b>	16342	21-4	1240	Tue	00221 00222 81001 ... 92397 43206 72062	MFSK-16/20Bd	(AB)
<b>XPA2</b>	16342	26-4	1240	Sun	00221 00222 81001 ... 92397 43206 72062	MFSK-16/20Bd	(AB/MPJ/RL)
<b>XPA2</b>	16342	28-4	1240	Tue	00279 00166 78864 ... 61413 72306 07604	MFSK-16/20Bd	(AB/RL)
<b>XPA2</b>	17474	1-4	0930	Wed	04557 00001 00000 37261	MFSK-16/20Bd	(AB)
<b>XPA2</b>	17474	6-4	0930	Mon	08845 00077 36720 ... 60725 50092 22550	MFSK-16/20Bd	(AB)
<b>XPA2</b>	17474	8-4	0930	Wed	08845 00077 36720 ... 60725 50092 22550	MFSK-16/20Bd	(AB)
<b>XPA2</b>	17474	13-4	0930	Mon	08845 00077 36720 ... 60725 50092 22550	MFSK-16/20Bd	(AB)
<b>XPA2</b>	17474	15-4	0930	Wed	08845 00077 36720 ... 60725 50092 22550	MFSK-16/20Bd	(AB/HFD-RUS)
<b>XPA2</b>	17474	20-4	0930	Mon	09174 00001 00000 33670	MFSK-16/20Bd	(AB-KWT)
<b>XPA2</b>	17474	22-4	0930	Wed	07444 00001 00000 35263	MFSK-16/20Bd	(AB)
<b>XPA2</b>	17474	27-4	0930	Mon	01112 00099 14884 ... 18875 66174 71704	MFSK-16/20Bd	(AB-KWT)
<b>XPA2</b>	17474	29-4	0930	Wed	01112 00099 14884 ... 18875 66174 71704	MFSK-16/20Bd	(AB)
<b>XPA2</b>	18038	1-4	0910	Wed	04557 00001 00000 37261	MFSK-16/20Bd	(AB)
<b>XPA2</b>	18038	6-4	0910	Mon	08845 00077 36720 ... 60725 50092 22550	MFSK-16/20Bd	(AB)
<b>XPA2</b>	18038	8-4	0910	Wed	08845 00077 36720 ... 60725 50092 22550	MFSK-16/20Bd	(AB-RUS)
<b>XPA2</b>	18038	13-4	0910	Mon	08845 00077 36720 ... 60725 50092 22550	MFSK-16/20Bd	(AB)
<b>XPA2</b>	18038	15-4	0910	Wed	08845 00077 36720 ... 60725 50092 22550	MFSK-16/20Bd	(AB-RUS/HFD-RUS)
<b>XPA2</b>	18038	20-4	0910	Mon	09174 00001 00000 33670	MFSK-16/20Bd	(AB-KWT)
<b>XPA2</b>	18038	22-4	0910	Wed	07444 00001 00000 35263	MFSK-16/20Bd	(AB-RUS)
<b>XPA2</b>	18038	27-4	0910	Mon	01112 00099 14884 ... 18875 66174 71704	MFSK-16/20Bd	(AB-KWT)
<b>XPA2</b>	18038	29-4	0910	Wed	01112 00099 14884 ... 18875 66174 71704	MFSK-16/20Bd	(AB)
<b>XPB1</b>	8147	5-4	1950	Sun	Russian intel.	MFSK-16	(AB/HFD)



XPB1	8147	7-4	1950	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	8147	12-4	1950	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	8147	14-4	1950	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8147	19-4	1950	Sun	Russian intel.	MFSK-16	(AB)
XPB1	8147	21-4	1950	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8147	26-4	1950	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	8147	28-4	1950	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9347	5-4	1940	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	9347	7-4	1940	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	9347	12-4	1940	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	9347	14-4	1940	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9347	19-4	1940	Sun	Russian intel.	MFSK-16	(AB)
XPB1	9347	21-4	1940	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9347	26-4	1940	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	9347	28-4	1940	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10447	5-4	1930	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	10447	7-4	1930	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	10447	12-4	1930	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	10447	14-4	1930	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10447	19-4	1930	Sun	Russian intel.	MFSK-16	(AB)
XPB1	10447	21-4	1930	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10447	26-4	1930	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	10447	28-4	1930	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11547	5-4	1920	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	11547	7-4	1920	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11547	12-4	1920	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	11547	14-4	1920	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11547	19-4	1920	Sun	Russian intel.	MFSK-16	(AB)
XPB1	11547	21-4	1920	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11547	26-4	1920	Sun	Russian intel.	MFSK-16	(AB)
XPB1	11547	28-4	1920	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12147	5-4	1910	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12147	7-4	1910	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12147	12-4	1910	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	12147	14-4	1910	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12147	19-4	1910	Sun	Russian intel.	MFSK-16	(AB)
XPB1	12147	21-4	1910	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12147	26-4	1910	Sun	Russian intel.	MFSK-16	(AB)
XPB1	12147	28-4	1910	Tue	Russian intel.	MFSK-16	(AB)

XPB1	13447	5-4	1900	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13447	7-4	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13447	12-4	1900	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13447	14-4	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13447	19-4	1900	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13447	21-4	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13447	26-4	1900	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13447	28-4	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13874	6-4	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13874	11-4	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13874	13-4	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13874	18-4	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13874	20-4	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13874	25-4	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13874	27-4	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14374	6-4	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14374	11-4	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14374	13-4	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14374	18-4	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14374	20-4	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14374	25-4	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14374	27-4	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14974	6-4	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14974	11-4	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14974	13-4	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14974	18-4	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14974	20-4	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14974	25-4	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14974	27-4	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15974	6-4	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15974	11-4	1220	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	15974	13-4	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15974	18-4	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15974	20-4	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15974	25-4	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15974	27-4	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16274	6-4	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16274	11-4	1210	Sat	Russian intel.	MFSK-16	(AB)
XPB1	16274	13-4	1210	Mon	Russian intel.	MFSK-16	(AB)

<b>XPB1</b>	16274	18-4	1210	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	16274	20-4	1210	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	16274	25-4	1210	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	16274	27-4	1210	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	17474	6-4	1200	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	17474	11-4	1200	Sat	Russian intel.	MFSK-16	(AB/RL)
<b>XPB1</b>	17474	13-4	1200	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	17474	18-4	1200	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	17474	20-4	1200	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	17474	25-4	1200	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	17474	27-4	1200	Mon	Russian intel.	MFSK-16	(AB)
<b>XSL</b>	4153	5-4	1306	Sun	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	4153	18-4	1408	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	4153	25-4	1408	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	4231.5	5-4	1306	Sun	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	4231.5	18-4	1408	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	4231.5	25-4	1408	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	4291	5-4	1306	Sun	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	4291	18-4	1408	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	4291	25-4	1408	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	6250	5-4	1306	Sun	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	6250	18-4	1408	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	6250	25-4	1408	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	6417	5-4	1306	Sun	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	6417	18-4	1408	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	6417	25-4	1408	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	6445	5-4	1306	Sun	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	6445	18-4	1408	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	6445	25-4	1408	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	8313	5-4	1306	Sun	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	8313	18-4	1408	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	8313	25-4	1408	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	8588	5-4	1306	Sun	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	8588	18-4	1408	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	8588	25-4	1408	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	8703.5	5-4	1306	Sun	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	8703.5	18-4	1408	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	8703.5	25-4	1408	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)

## CONTRIBUTORS

AB	Ary Boender, Netherlands
AB-B	Ary Boender via remote rx Brazil
AB-FIN	Ary Boender via remote rx Finland
AB-G	Ary Boender via remote rx UK
AB-J	Ary Boender via remote rx Japan
AB-KWT	Ary Boender via remote rx Kuwait
AB-POL	Ary Boender via remote rx Poland
AB-QAT	Ary Boender via remote rx Qatar
AB-RUS	Ary Boender via remote rx Russia
AB-UKR	Ary Boender via remote rx Ukraine
AB-USA	Ary Boender via remote rx USA
BL	Brad Low, TX, USA
BW3	Barry Williams, AL, USA
ChPa	Christer, Sweden
CM2-J	Chris Malboef via remote rx Japan
Dan	Daniel LU5EMM, Argentina
Danix	Danix, Poland
Danix-RUS	Danix via remote rx Russia
ES	Edward Smith, UK
ES-HOL	Edward Smith via remote rx Netherlands
F5JBR	F5JBR André, France
F5OIH	Vincent Lecler, France
GHn	Gary Hagermann, UK
HFD	Hans-Friedrich Dumrese, Germany
HFD-CHN	Hans-Friedrich Dumrese via remote rx China
HFD-QAT	Hans-Friedrich Dumrese via remote rx Qatar
HFD-ROU	Hans-Friedrich Dumrese via remote rx Roumania
HFD-RUS	Hans-Friedrich Dumrese via remote rx Russia
HFD-USA	Hans-Friedrich Dumrese via remote rx USA
HK	Hiroyuki Komatsubara, Japan
HS	Hugh Stegman, USA
JPL	JPL, NB, Canada (and various remote rx)
JPL-HK	JPL via remote rx Hong Kong
JPL-RUS	JPL via remote rx Russia
MPJ	Jim, SW England
MPJ-HNG	Jim via remote rx Hungary
MPJ-HOL	Jim via remote rx Netherlands
MPJ-POL	Jim via remote rx Poland
MPJ-RUS	Jim via remote rx Russia
MPJ-UKR	Jim via remote rx Ukraine
RL	Roberto Landolpho, Brazil
RL-E	Roberto Landolpho via remote rx Spain
RR2	Rich Ray, IL, USA
WP3	Wolfgang Palmberger

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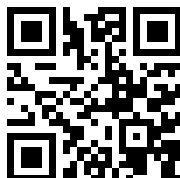
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723 87629 37677 32612 53498 71256 28756 18276 98716 8  
769 76329 74698 78857 98678 27681 58791 57681 73648  
76 87364 87265 96710 27630 12673 84769 28743 9812  
6 63298 75698 27665 87328 49876 28376 81273 9861  
67 67432 74328 78674 29867 32867 67867 86786 6328  
57 68768 68768 84328 84328 88768 65342 88573 88768  
50 98432 32432 86743 43286 43286 43286 43286 43286  
76 86743 86743 39867 32867 86743 43286 43286 43286  
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76 88798 98754 98754 98754 98754 25867 67543 67588  
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