

6	27364	92836	89428	61268	71982	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	98670	27601	56701	57601	73648	1
91	87364	87265	96710	27630	12673	84769	28743	98127	7
8	63298	75698	27465	87326	49876	28376	81273	98615	7
7	87432	74328	78674	29867	32867	67867	86786	43286	87
7	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
8	86743	86743	86743	86743	86743	86743	86743	86743	4
99	98798	98754	98754	98754	98754	29867	67543	67986	87
6	87698	69876	87698	69876	87612	12341	34867	86798	67
7	43298	65656	56756	56123	32143	14321	32143	14321	37
7	58765	58765	76587	58765	76587	58765	76587	58756	7

Numbers & Oddities

a.k.a. The Spooks Newsletter

Edition #270, March 2020

Editor: Ary Boender email: 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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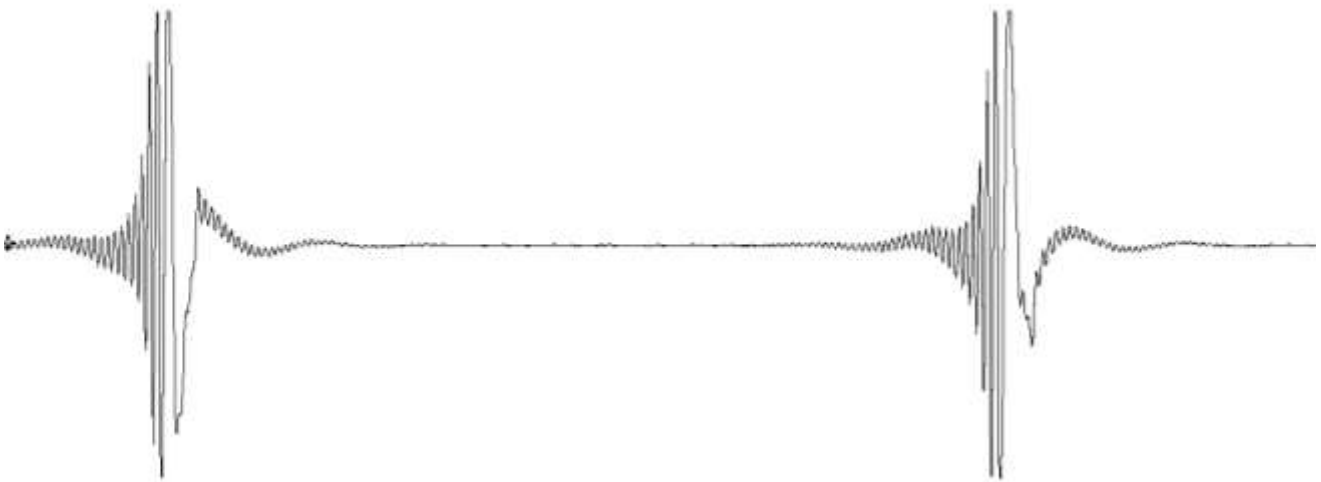
FOREWORD



COVID-19 rules the world

Many people are sick and the number of COVID-19-related deaths is extremely high. Economies collapse. It is a strange and frightening time. Amid travel bans, lockdowns, mass quarantine, and closed schools and shops, the radio transmissions are still going on. The numbers stations, diplomatic stations, the military and other utility radio stations are as active as ever, with the exception of aeronautical stations. Compared to normal times, the number of aircraft that you can hear is very low. Interesting notes about local COVID restrictions have been noticed in navtex messages and news broadcasts for sailors. Sometimes COVID related conversations can be heard during aircraft communications. Listening to the radio is for many of us a good way to spend the time now that we are confined to our homes. N&O received 3151 numbers stations logs in March. That's a lot. Thanks everyone! Join us on UDXF if you like to share what you hear on shortwave: <https://groups.io/g/UDXF> Let's hope that this crisis will be over soon, but I have an unpleasant feeling that it will take a very long time before we're back to normal.

Take care for each other and be safe !



The number of pesky radars on SW is increasing. When I am writing this four of them are screwing up the 14MHz band. Above a picture of a radar signal with 23 msec between the sweeps, 43.5 sweeps/sec.

Tony wrote some interesting articles about the Russian 29B6 Konteyner radars. You can find them on his website <https://planesandstuff.wordpress.com/2020/02/25/russian-otr-29b6-konteyner-analysis/>
<https://planesandstuff.wordpress.com/2020/03/06/konteyner-follow-up/>
<https://planesandstuff.wordpress.com/2020/03/23/more-konteyner/>



A nice clear picture of the former Gorodets radar transmitter site in 2016. © Google Earth

VOICE STATIONS

E06

5879/4923 kHz, 04-03, 0130/0230 UTC

759 143 52
12190 12875 37264 82326 79216 76161 21081 72361 13548 25373
48751 51851 68202 51923 93510 96212 96072 80932 15676 28410
85186 70682 19098 50293 42168 61813 90313 53850 34965 69703
90153 09353 30726 92726 75637 90546 98168 65419 76765 42494
19896 75642 67109 19851 30324 28626 50539 61460 80874 96837
08658 50405
143 52 00000

16230/19325 kHz, 05-03/06-03, 0600/0700 USB

864 913 52
89693 05935 96946 17832 32533 07514 66646 91884 33051 74327
85808 32986 64130 53193 75507 48448 26980 48564 25065 95214
32960 25423 75300 31852 22233 96271 22187 80572 92658 59375
76848 71007 37390 80470 42858 70401 14592 35124 96740 29916
97727 53908 82650 01742 79850 37610 57138 06691 30335 34644
44955 56973
913 52 0000

5186 kHz, 05-03, 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

5197 kHz, 06-03, 2130 UTC

634 502 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

16230/19325 kHz, 19-03/20-03, 0600/0700 USB

864 270 51
81804 56202 99246 15243 19535 69585 21933 23548 83024 35009
80855 29284 40262 28730 10858 04937 40006 01158 73056 73941
63661 55472 39188 49153 21385 46836 81908 53110 97128 26330
88243 54011 72287 77961 38359 28355 82656 22172 16867 86180
88362 84291 48822 19838 61488 51365 77629 62236 21049 65799
27020
270 51 00000

5186 kHz, 19-03, 2030 UTC

891 546 44
12435 76426 05698 65615 65790 43483 23453 83874 12453 16442
68716 08343 24102 88748 72657 03126 73561 61123 87122 83823
84774 61251 87891 23437 94526 13242 17964 43525 12121 21198
64265 42346 56781 44322 38765 32145 63451 22344 56944 13368
78265 14368 12346 73416
546 44 00000 Windows XP shutdown sound

5197 kHz, 20-03, 2129 UTC. Early start

634 547 44
31532 37905 68553 78912 87443 94012 18514 01953 38414 13202
41945 23285 14802 65245 87462 78912 87463 94562 18912 84853
49067 42412 15464 75612 14352 34585 68553 23462 73459 41847
21250 10473 27624 17023 54332 81220 81244 41265 96183 74874
66753 78203 80329 38780
547 44 00000 Windows XP shutdown sound

E07

14942/16142/18042 kHz, 03-03/06-03, 0700/0720/0740 UTC

310 310 310 1 6084 142 6084 142
89645 30304 10826 89557 44595 20195 36627 80174 95725 18705
86536 50611 20825 00057 66146 84955 39527 64064 51526 89147
16492 27430 01046 69643 57519 97856 49978 35883 06611 67408
61124 18073 51927 37227 29944 25258 45177 19631 14784 56955
30800 11821 18376 42852 57440 87220 57867 47359 25973 48448
68162 22498 68961 64874 36126 70680 53425 37573 47526 48850
69313 02550 30493 30682 33352 13295 96174 99940 27678 29678
86546 34873 77122 85253 67309 66620 20148 46183 06327 98021
70000 66331 80312 49878 70188 63266 22258 49123 77061 65659
74852 77009 80280 69389 62473 39434 04098 03112 18845 10640
93882 22996 16482 94836 61001 15371 13369 87304 01475 82717
50869 12581 41106 07572 35338 38407 02561 35180 03761 01750
25976 33251 43115 81267 41874 31365 56949 21368 91833 94667
23727 43272 73500 26354 11494 30019 48173 46495 31291 68313
89523 20470 000 000

19118/17418/15918 kHz, 03-03/06-03/10-03/13-03, 1100/1120/1140 UTC

149 149 149 1 252 180 252 180
09106 91312 37488 36316 33353 59742 35147 08538 11561 20616
46670 64461 11505 55149 31163 53859 21064 32380 12126 38811
16383 29582 84679 70745 07426 03676 71479 96477 67096 08779
23454 47852 62336 29679 66339 87912 68094 74739 77026 65657
82086 26115 58851 10667 06603 77414 78243 88952 69105 41571
24308 78742 45704 66731 76859 07326 54963 52700 41122 66472
25300 90205 55333 58518 36820 81502 98934 64820 40001 62740
25316 37074 52834 00767 82463 39839 70064 02264 52437 90259
23958 92034 05533 34378 59795 73843 53482 82731 47898 07905
62425 67714 27715 70286 09763 56532 03953 28080 92856 14338
63311 15977 09265 49281 60124 90271 40259 26874 47047 42478
30314 17976 19571 64609 97356 15744 59281 39323 75717 81837
18959 19572 33511 43358 54981 52955 85746 22722 61657 15385
15672 97690 38904 10392 21240 64331 14444 71697 08533 65210
33084 30683 95708 13696 77157 98183 37539 61887 22217 92577
67578 13778 27197 47191 91991 95040 17976 06089 94611 52900
31905 53593 28976 23050 52177 11385 65576 74106 04863 54298
41196 06163 97719 00631 69878 94419 98508 19237 97421 41185
000 000

10321/9121/7821 kHz, 08-03/11-03, 1800/1820/1840 UTC

318 318 318 1 385 78 385 78
42501 82156 76198 95086 71941 92640 61854 47953 87811 17906
70303 59096 62918 87272 86220 85829 83511 76196 92416 14402
30017 68706 93573 30874 93934 99549 80669 99835 89645 25537
47250 43272 62724 22506 24207 26538 08338 26700 67121 95233
60693 90339 74395 87933 34256 89492 20571 05140 52874 27453
24700 51771 57389 38099 01947 02667 93927 08412 79972 58218
67108 35537 33676 97401 93877 79880 74393 44561 30228 13941
71590 66130 55779 79198 50864 05742 31429 15475 000 000

14942/16142/18042 kHz, 17-03/20-03/31-03, 0700/0720/0740 UTC

310 310 310 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 94420 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

16284/14854/13384 kHz, 19-03/21-03, 1410/1430/1450 UTC

328 328 328 1 9876 81 9876 81
55788 16878 01742 81735 56562 52766 63107 35227 92073 98435
96518 12574 14301 42133 09413 00605 09566 53925 89044 59767
69379 73204 62634 58892 41741 57231 38182 74736 21298 17267
15360 55530 41815 80870 15976 82993 99661 02109 09532 41772
43466 55882 27409 79040 01864 57126 86446 73281 93008 30064
07642 89083 63536 81448 57375 12197 78117 02632 74285 05412
39877 87682 91199 39214 53245 16050 28883 21452 40339 72523
75899 19295 17077 55874 22017 80082 17172 07083 62936 17616
90755 000 000

10651/9151/7651 kHz, 23-03/25-03, 2000/2020/2040 UTC

616 616 616 1 562 95 562 95
10056 92422 32167 94137 88825 21256 38513 74598 39333 74825
82316 06991 52981 31142 26666 45642 26621 52209 05654 02544
61702 32793 99569 69860 69764 10707 72954 55057 76298 42406
61002 86510 07904 83973 07194 06934 75790 64791 64209 76668
85028 31542 34766 84565 83968 29977 24886 17881 46551 27119
03177 63848 22953 98409 18009 08642 07297 84774 89799 25390
39112 54754 05790 55566 04734 98908 40628 60647 74461 78952
02658 63145 88371 20427 42517 01653 25545 58964 65731 53087
46048 44601 69770 56598 24671 35317 71472 46107 14883 92026
72660 75946 71882 57830 61329 000 000

19118/17418/15918 kHz, 24-03/27-03/31-03, 1100/1120/1140 UTC

149 149 149 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

10321/9121/7821 kHz, 29-03, 1800/1828/1855 UTC

318 318 318 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

E07a

5877/5277/4577 kHz, 18-03/25-03, 2100/2120/2140 UTC

825 825 825 1 19255 6508 54 6508 54
27372 17612 86647 19339 55018 90812 70400 48727 43291 76884
22570 29190 80733 44282 23640 62376 56312 18458 17171 20627
44344 22459 33721 26614 46192 66524 32275 81953 71631 51862
60475 24611 36898 82112 81583 78569 58409 93413 48043 83621
14218 37743 27535 60708 62627 59569 21941 41872 74653 92696
26859 84258 38944 13554 000 000

6922/8122/9322 kHz, 19-03/26-03, 0530/0550/0610 UTC

913 913 913 1 19255 6508 54 6508 54
27372 17612 86647 19339 55018 90812 70400 48727 43291 76884
22570 29190 80733 44282 23640 62376 56312 18458 17171 20627
44344 22459 33721 26614 46192 66524 32275 81953 71631 51862
60475 24611 36898 82112 81583 78569 58409 93413 48043 83621
14218 37743 27535 60708 62627 59569 21941 41872 74653 92696
26859 84258 38944 13554 000 000

11473/10173/9373 kHz, 20-03/27-03, 1610/1630/1650 UTC

413 413 413 1 68447 251 61 251 61
69580 82859 23608 17936 44628 52006 87434 00170 06220 19068
19275 08949 81368 54985 58906 26446 51911 82265 79836 18567
83123 05878 16729 91661 96709 12872 17605 16984 65542 89536
06744 70833 09529 80116 61540 79601 06099 54127 63723 29651
64513 46735 08521 79171 52327 89342 42247 75006 55783 98396
21376 34878 14896 03417 30416 80776 99345 33917 11404 50963
19105 000 000

11133/12133/13433 kHz, 21-03/28-03, 0900/0920/0940 UTC

114 114 114 1 68447 251 61 251 61
69580 82859 23608 17936 44628 52006 87434 00170 06220 19068
19275 08949 81368 54985 58906 26446 51911 82265 79836 18567
83123 05878 16729 91661 96709 12872 17605 16984 65542 89536
06744 70833 09529 80116 61540 79601 06099 54127 63723 29651
64513 46735 08521 79171 52327 89342 42247 75006 55783 98396
21376 34878 14896 03417 30416 80776 99345 33917 11404 50963
19105 000 000

E11a

7317 kHz, 02-03/04-03, 1045 UTC

691/23 Attention
00424 39410 13036 63319 81869 16983 47569 07426 80070 70173
97167 42754 11974 87936 06654 45872 37265 11042 17788 08670
02582 74200 34195
Attention (message repeated) Out

5737 kHz, 02-03/06-03, 1530 UTC

521/32 Attention
91169 82148 63721 97443 92744 45209 55693 34008 70198 82704
48469 28271 99188 43911 50957 98742 43698 68220 61793 92623
55231 06014 79371 02401 01823 23456 83036 09563 28175 05119
65344 69589
Attention (message repeated) Out

14865 kHz, 03-03/05-03, 0745 UTC

225/33 Attention
58451 06020 54878 39227 08329 64100 34171 28935 02696 16007
43255 78241 39494 43140 15865 22553 92821 49031 61785 39279
43602 89941 68590 05730 16412 40880 74739 32878 38448 20337
16686 93552 49054
Attention (message repeated) Out

7317 kHz, 03-03/06-03, 1000 UTC

305/33 Attention
88193 72587 58742 39976 53376 23421 54022 64711 82309 26169
24118 37113 85868 72050 17036 24796 24344 40315 08940 46091
41139 14580 86595 38561 33582 29426 22280 47710 95020 91687
04604 03652 96267
Attention (message repeated) Out

14972 kHz, 03-03/07-03, 1345 UTC

918/36 Attention
80693 39972 51981 99561 28101 90520 39518 31103 35093 16361
97767 78440 16187 92483 62364 64227 63819 56414 46658 27480
75959 14532 36613 96909 94847 94167 70237 40428 28985 21800
00393 13994 10785 88933 29809 58753
Attention (message repeated) out

5082 kHz, 03-03/08-03, 1605 UTC

236/39 Attention
86327 39299 51811 34089 15187 80832 95581 80608 13234 85436
06026 62873 17643 31708 45663 76115 05049 85903 38475 17588
85644 00961 88738 29113 75448 18083 16180 83878 18196 11977
16701 00287 18610 49581 48998 99181 62330 56201 20630
Attention (message repeated) Out

14710 kHz, 04-03/06-03, 0745 UTC

344/33 Attention

73979 23210 87952 26667 80679 51242 23895 78638 39769 17319
49260 42420 23214 59832 48406 90365 82402 11176 97209 69355
44336 11977 10612 61211 64493 73705 48799 31100 63466 54917
98923 72400 56331

Attention (message repeated) Out

6923 kHz, 04-03/08-03, 1625 UTC

970/35 Attention

99904 47925 82017 54675 56184 80513 38937 14803 38368 79753
59701 88162 17278 74545 21381 19281 12203 53048 52960 70297
74966 44466 20473 66578 18540 34525 56964 28999 74906 39449
91806 80265 46907 17074 38053

Attention (message repeated) Out

11116 kHz, 06-03/08-03, 1650 UTC

921/38 Attention

05048 70088 01275 79319 44735 68007 09003 37835 92798 38776
87813 01819 63804 19890 15250 78928 82408 33985 75197 10929
51237 61556 76917 98772 30374 89941 62932 30857 77436 54981
95146 01920 63277 79247 83955 74496 48190 80006

Attention (message repeated) Out

5371 kHz, 07-03/08-03, 0805 UTC

313/34 Attention

47919 26825 05827 70085 93192 09665 12411 79424 87086 39147
33695 77270 62416 91287 49329 44294 83366 17920 70439 33630
65749 89543 49777 11015 05376 97963 77399 18262 57066 04645
11554 86851 21200 67852

Attention (message repeated) Out

5371 kHz, 09-03, 0450 UTC

7864 kHz, 12-03, 1730 UTC

411/33 Attention

82533 81585 69550 72817 78627 81908 76169 58426 86695 86841
23339 09855 04845 49094 30452 98080 98963 80258 75412 12715
93036 05615 06529 51899 52505 61269 55150 08333 42182 28141
23131 78248 93863

Attention (message repeated) Out

19184 kHz, 10-03/11-03, 0820 UTC

130/36 Attention

76994 86518 55017 71716 98366 37349 35821 69671 17935 13511
15038 73110 66325 89208 92130 70692 41557 90369 04485 22509
50335 40679 88747 46473 24076 74573 98615 37720 79100 01661
57947 37888 47407 47661 85924 39378

Attention (message repeated) Out

6923 kHz, 10-03/11-03, 1205 UTC

464/35 Attention

93765 02674 46999 65221 64898 59750 28603 30527 37581 13351
45800 98529 43147 61061 56617 23198 49744 01394 72533 73913
45779 00211 91290 21933 64850 15508 92787 52200 92655 18737
96207 39019 93252 62622 33423

Attention (message repeated) Out

9240 kHz, 10-03/12-03, 1700 UTC

337/32 Attention

94390 00039 10235 46125 09975 70023 00054 66896 99924 17548
58845 83814 28379 08171 41535 23997 69119 15293 56456 18899
41128 96393 73051 42121 69637 39893 87293 14618 59738 09779
32564 36091

Attention (message repeated) Out

4181 kHz, 11-03/14-03, 1705 UTC

399/33 Attention

79373 55550 24173 06889 05060 87003 64002 40919 42773 24781
59080 88756 83156 65436 17954 22467 72524 02647 97619 57237
95240 38279 76272 39295 21173 07728 53548 33442 37080 92326
73522 16413 58379

Attention (message repeated) Out

12202 kHz, 17-03/19-03, 0845 UTC

155/35 Attention

82700 69080 78086 39824 18151 40553 86555 14013 74322 58941
99732 92608 52283 52586 88468 67530 71586 14195 90855 97021
35798 90102 29782 72152 60204 82708 02816 42234 54068 11346
28897 77412 32196 94264 65424

Attention (message repeated) Out

6940 kHz, 18-03/19-03, 0930 UTC

270/37 Attention

12555 58792 94955 38756 53814 57201 63446 06749 41582 20262
08302 78417 83474 22941 35192 01336 74789 99830 65276 18371
93094 39841 01261 52501 42903 29300 34728 43407 49107 42748
67958 90534 32619 08064 83327 95946 29106

Attention (message repeated) Out

5149 kHz, 19-03/20-03, 0820 UTC

436/39 Attention

95666 27194 00693 12026 57988 27482 99403 48777 96241 48552
86397 32199 32381 93676 75752 42099 23208 73896 89348 32261
04864 44433 49837 86697 73176 89206 78290 79383 13412 24751
62923 28291 31111 43342 20559 33686 66405 41920 74488

Attention (message repeated) Out

9963 kHz, 20-03, 0715 UTC

631/35 Attention

61955 24326 56905 64743 79032 39556 45326 19506 46673 89079
46393 93464 36141 44850 90956 29322 52042 18397 47538 12954
82391 18342 43159 14733 13351 92563 27626 62606 77473 75794
33237 67202 33078 79840 83342

Attention (message repeated) Out

8102 kHz, 21-03/22-03, 0710 UTC

497/37 Attention

30247 20290 71139 18383 10756 68109 69239 07612 09049 01191
71404 61403 36838 65123 73099 80263 92186 07898 97617 06793
59269 99099 27649 51379 59320 17489 16500 76326 79734 35206
74987 35116 69483 23638 77595 81362 41708

Attention (message repeated) Out

4505 kHz, 21-03/22-03, 1930 UTC

369/36 Attention

13727 40413 35564 73288 48899 22709 98020 90521 74092 32863
59517 18278 56639 72714 20078 83647 07104 70471 84758 36095
21326 62005 91454 56452 84063 89869 43081 90561 48789 38875
52556 51671 90387 19178 23312 97268

Attention (message repeated) Out

12153 kHz, 23-03/25-03, 0640 UTC

940/34 Attention

95683 20049 01862 85642 47583 88314 34208 08107 08705 91566
39380 17027 75264 67850 77581 08981 29917 37202 41744 06565
05376 87299 71778 62191 97480 33701 52285 82607 03552 48168
43237 97057 88888 30923

Attention (message repeated) Out

10213 kHz, 23-03, 0745 UTC

10330 kHz, 26-03, 1530 UTC

261/33 Attention

48245 46880 47609 15561 24833 83784 65157 33131 76887 23550
56536 52824 31551 96825 99028 75382 54049 45027 66825 11507
03006 63791 48170 65641 55952 16101 58426 65720 16501 43551
70953 67530 17458

Attention (message repeated) Out

12153 kHz, 23-03/27-03, 0830 UTC

185/35 Attention

02203 54183 81294 69505 30411 64449 00126 62135 00353 82738
52799 34523 01383 01875 10880 94262 74656 78719 46645 38061
67758 46317 36797 05323 50865 51078 19609 94036 14544 06110
54457 67017 54945 29567 19976

Attention (message repeated) Out

8180 kHz, 23-03/25-03, 0900 UTC

532/37 Attention

09461 44937 21920 16914 44159 28878 68722 18158 50880 50779
89021 41882 76545 09822 61556 91734 51338 66773 38833 03021
53530 62292 44961 57156 58708 64636 78923 62867 18163 47012
01382 04259 58827 95771 67199 01257 14730

Attention (message repeated) Out

7317 kHz, 23-03/26-03, 1900 E11a USB (AB)

646/36 Attention

77925 35092 42946 15316 32879 83883 77311 23024 57270 21128
36215 90323 77316 03800 91915 64214 45923 21915 31995 32165
70646 47242 35611 84887 29723 03337 26899 70115 89861 68525
82079 52021 91350 26813 04310 35426

Attention (message repeated) Out

13470 kHz, 23-03/29-03, 1745 UTC

244/38 Attention

79588 08236 69988 80246 89044 94436 61164 13087 24649 98169
92163 48580 97388 95980 53788 79849 70765 28716 89179 14642
34588 77786 81075 36725 80961 76342 58978 92090 69052 49083
87101 00990 17735 59024 05081 40567 92377 52916

Attention (message repeated) Out

10800 kHz, 24-03/26-03, 0645 UTC

515/32 Attention

41312 29916 11114 56812 53253 07614 90303 94316 36045 58259
97162 36815 08430 97126 55126 46296 39918 42653 39369 78277
79954 23764 01045 17976 07091 81581 00221 56659 36910 34976
48176 44258

Attention (message repeated) Out

8180 kHz, 24-03/27-03, 0700 UTC

573/31 Attention

74719 05626 94749 34889 08368 63439 06272 70815 70426 67542
34972 68930 66812 74681 41332 97172 21630 99621 45066 04963
04255 10478 16093 49729 47834 18344 58129 29252 91028 48707
02619

Attention (message repeated) Out

5779 kHz, 27-03/29-03, 0435 UTC

354/37 Attention

19414 07466 37668 61812 89984 15930 77633 19509 10972 16173
82695 23514 56466 46988 38951 95742 86828 21669 85722 09903
74512 54744 23397 30515 39713 27108 40683 75715 85945 21003
23913 26133 82723 32193 93079 60831 14281

Attention (message repeated) out

E17z

14260/12930 kHz, 05-03/12-03, 0800/0810 UTC

217 508 6 66990 45366 29281 40334 11187 71705 508 6 00000

14260/12930 kHz, 19-03/26-03, 0800/0810 UTC

217 409 5 47665 94092 48521 63888 92060 409 5 00000

G06

5442 kHz, 27-03, 1920 UTC

111 111 111 00000

5442 kHz, 27-03, 1930 UTC

947 580 44

31532 37905 68553 78912 87443 94012 18514 01953 38414 13202
41945 23285 14802 65245 87462 78912 87463 94562 18912 84853
49067 42412 15464 75612 14352 34585 68553 23462 73459 41847
21250 10473 27624 17023 54332 81220 81244 41265 96183 74874
66753 78203 80329 38780

580 44 00000

Windows XP shutdown sound

S06

12093/10212 kHz, 01-03, 0930/1000 UTC

480 372 41

68128 53518 23246 76308 38133 29892 12160 63004 98610 77027
77900 36871 19030 84327 99556 48826 40681 18838 64157 50440
33147 78759 64791 17214 63791 24926 19009 37644 43254 57917
06973 93248 07056 26795 68612 38242 46045 16619 94601 82040
46795

372 41 00000

14913/10387 kHz, 04-03, 1500/1600 UTC

387 109 3
11111 00067 00057
109 3 00000

10755/9073 kHz, 07-03, 1300/1330 UTC
12093/10212 kHz, 08-03, 0930/1000 UTC

480 169 45
21605 59812 38872 29052 63405 35848 23128 89060 02032 01790
50135 80378 77662 36926 77384 32258 43795 81190 22191 26184
55053 99625 71339 69531 12708 92028 19160 26665 57696 44576
18411 66539 17503 89817 56318 46338 63102 37871 29829 19860
39302 58963 10418 29009 90023
169 45 00000

10755 kHz, 07-03, 1400 UTC

975 975 975 12398 00000

10755/9073 kHz, 14-03, 1300/1330 UTC
12093/10212 kHz, 15-03, 0930/1000 UTC

840 753 42
54905 99393 82853 77357 69779 24274 23272 32630 13025 36453
49563 01154 35760 43827 70133 41841 91351 23807 46730 26195
36508 65502 07278 88195 63001 89482 40690 02059 14403 02084
01089 27269 48475 62523 89342 52755 47781 00930 72731 53277
31821 31812
753 42 00000

10755/9073 kHz, 21-03, 1300/1330 UTC
12093/10212 kHz, 22-03, 0930/1000 UTC

480 916 43
35769 95824 79412 98651 94441 68080 27822 77305 23843 95883
73995 85328 87650 23576 55716 52066 01630 66200 57401 84853
00773 88198 03406 11905 45671 09335 66502 84676 22763 63948
08867 73626 67677 92924 75241 15470 32175 64478 75710 14096
55206 13963 60429
916 43 00000

10755/9073 kHz, 28-03, 1300/1330 UTC
12093/10212 kHz, 29-03, 0930/1000 UTC

480 725 44
48133 98220 41359 58310 86475 50996 72436 47109 34818 96901
02233 32666 02585 01921 66086 88729 54680 04965 79335 25984
70541 92449 13303 85017 16590 36384 51092 13958 39941 74423
30007 61753 67546 54890 19795 69197 29868 40529 18027 92425
82515 27048 56151 68208
725 44 00000

S11a

6433 kHz, 04-03/06-03, 1100 UTC

378/37 Vnimanije
87737 69482 18114 76850 45595 42172 43826 72980 72911 59030
06536 42242 52860 19808 66804 96500 90666 40905 09948 57128
21842 64828 34793 93187 97931 99598 86470 00338 29103 86874
76301 55807 45522 91749 92514 54914 21450
Vnimanije (message repeated) Konets

10213 kHz, 04-03/07-03, 1850 UTC

287/35 Vnimanije

60928 45798 67477 97362 47581 05260 75306 37946 11538 62844
72972 63430 86788 33766 60002 09276 63901 26105 84259 91606
26516 81356 61952 28122 60177 20039 54077 40078 77897 89851
52249 25235 18420 38222 12494

Vnimanije (message repeated) Konets

11116 kHz, 09-03/11-03, 0510 UTC

654/40 Vnimanije

88194 18656 54134 97253 65190 22772 70845 68796 64178 69606
32431 19214 36943 96247 49079 51754 39995 88097 98630 53545
35108 16123 08551 69451 84792 20924 38882 98696 11551 97988
57368 93431 19260 34913 69477 67773 10311 44173 39281 90139

Vnimanije (message repeated) Konets

8597 kHz, 16-03/19-03, 0700 UTC

471/32 Vnimanije

52701 20697 75090 86575 83619 89925 38610 42898 08607 16596
84242 66577 79205 60619 31969 41623 35139 80861 99031 79056
80924 18839 78682 84282 07786 50598 28544 01105 57922 64890
68994 35822

Vnimanije (message repeated) Konets

4505 kHz, 23-03/27-03, 0915 UTC

480/37 Vnimanije

34196 04052 44449 78331 57318 32853 86868 30556 45089 81573
21659 17210 95254 60906 36939 49100 05175 60418 63548 40819
01565 16728 96891 47100 25069 35934 27094 96130 95931 27690
50721 27607 62273 28020 12820 05182 80481

Vnimanije (message repeated) Konets

7469 kHz, 24-03/27-03, 1020 UTC

426/38 Vnimanije

71523 11637 45322 31847 03917 95736 75321 85969 82524 25694
51370 55283 34555 67430 53402 80088 82516 62072 08839 45870
06236 04645 55641 53874 15812 96246 81326 99227 37232 76968
07257 63786 48887 62467 72700 19511 42618 84005

Vnimanije (message repeated) Konets

V07

15893/14693/13893 kHz, 01-03, 0100/0120/0140 UTC

868 868 868 1 233 74 233 74

77325 58452 45650 64614 25850 37242 50588 35707 39409 30788
93160 05955 53612 73720 04770 12416 74394 00931 78990 59111
45331 14461 13143 42157 44546 68603 02840 74761 33008 91912
86459 97058 25018 74607 12180 93280 31676 24076 71954 68482
82858 31121 24006 48626 35947 16382 51464 52251 00032 14404
69494 88892 65008 33944 50136 68488 61776 62040 36031 41028
56828 59194 80677 27877 05079 99191 54467 53363 08707 36249
98779 78249 16397 03185 000 000

15893/14693/13893 kHz, 08-03, 0100/0120/0140 UTC

868 868 868 1 580 86 580 86

00616 81914 23709 68306 93402 20716 67132 29845 07678 51565
72900 91680 65863 04454 22794 06660 37905 17282 30302 37897
89151 00772 88115 91111 13757 68332 79545 85993 71539 37003
53955 72234 13729 23374 00984 22996 93909 79003 68585 96384
23020 65962 90095 48450 26952 71784 09005 50376 25784 05044
85652 13550 83944 91506 19928 07078 45347 97986 12701 55924
76910 63949 16470 72606 69946 53379 87591 29166 21395 88100
33850 47012 89829 79177 14750 29036 04347 42576 54786 04644
36801 18831 09937 95889 73503 99578 000 000

15893/14693/13893 kHz, 15-03, 0100/0120/0140 UTC

868 868 868 1 386 88 386 88

57481 46205 67157 10130 30435 86019 79885 31739 19274 20857
87165 34025 32703 89161 27869 88019 47917 67499 86627 84143
04274 95495 36668 37716 84511 39210 75101 00512 14695 81895
54839 45572 35307 90461 35738 64342 20214 17306 49946 37999
16844 54345 86315 22704 69187 04455 57465 99491 17969 16692
76861 93228 90914 56331 73224 44768 85630 66193 27894 65106
40114 97016 24993 62463 40437 05164 82139 76312 87721 64371
37920 25713 71667 77374 97385 61015 67744 84087 81628 68219
52204 72057 32579 90022 99568 75283 82809 92124 000 000

V13 - New Star Broadcasting Station (星廣播電台 Xīngxīng guǎngbò diàntái)

V13 is still on the air but with irregular schedules.

These time slots were used in March, but not daily.

0000-0030 UTC, 15890 kHz

0030-0100 UTC, 15890 kHz and 18040 kHz

0100-0130 UTC, 15890 kHz, 13974 kHz and 18040 kHz

0130-0200 UTC, 15890 kHz and 13974 kHz

0200-0300 UTC, 9276 kHz

0230-0300 UTC, 9276 kHz

0300-0330 UTC, 7502 kHz and 18040 kHz

0330-0400 UTC, 7502 kHz and 18040 kHz

1200-1230 UTC, 9276 kHz

1230-1300 UTC, 9276 kHz and 18040 kHz

1300-1330 UTC, 9276 kHz, 7688 kHz and 13974kHz

1330-1400 UTC, 9276 kHz and 7688 kHz

V15 via PBS Pyongyang Pansong

657//3320 kHz, 07-03, 1445 UTC

North Korean intelligence via PBS Pyongyang Pansong. Message in Korean

657//3320 kHz, 12-03, 1545 UTC

North Korean intelligence via PBS Pyongyang Pansong. Message in Korean

MORSE STATIONS

M01

6510 kHz, 01-03, 0700 UTC

463 237 237 30 30 = =
97209 10804 64357 45389 49175 02984 85611 02599 99273 43520
80376 13528 55013 02962 91368 73822 29369 29533 27480 86309
29440 03862 63173 77922 23294 74083 47239 62270 89141 61230
= = 237 237 30 30 000

5475 kHz, 03-03, 1803 UTC. Late start

463 603 603 = 30 30 = =
91051 37413 50866 45302 53917 76536 92197 25846 11634 22623
63736 07533 80062 94151 41422 26273 32937 41507 98350 09582
89834 69499 65224 92253 68402 01135 03534 93284 93446 39867
= = 603 603 = 30 30 000

5020 kHz, 03-03, 2000 UTC

463 574 574 = 30 30 = =
00167 15720 01468 62031 05524 55295 52217 15702 50908 39239
55677 50951 83126 40153 16468 02062 50120 23425 59236 65978
19837 71002 30610 06485 24798 84972 88965 23130 64541 99276
= = 574 574 = 30 30 000

5475 kHz, 05-03, 1800 UTC. Transcript as sent

463 721 721 30 30 = =
58297 58297 38351 38351 14777 14777 62712 62712 45003 45003
37555 37555 82346 82346 78779 78779 5403 43 99505 950536315
36315 66330 43107 4307 65139 6513 45550 45550 99546 9546 19767
19767 04884 04884 63425 6342585881 85881 47795 47795 17359 179
05819 0589 95232 9523 59999 59999 33936 33936 35184 35184 34468
346 5627 6217 4137 47137
= = 721 721 30 30 000

5020 kHz, 05-03, 2000 UTC. Transcript as sent

463 732 732 30 30 /
97964 97964 08342 08342 96521 96521 77132 77132 35569 35569
22258 22258 41227 41227 73108 73108 55152 55152 29971 2971
99084 99084 1930 19309 15090 15090 00461 00461 71796 71796
05084 05084 89259 89259 83747 83747 52689 52689 67579 67579
25470 25470 63905 63905 74473 74473 52774 274 30375 30375
19252 19252 0501 051 48293 48293 8466 86 52086
732 732 30 30 000

6260 kHz, 07-03, 1500 UTC

463 303 303 = 30 30 = =
11360 48446 84145 35549 90582 80986 61310 96042 46504 73640
89195 20607 45515 02519 67992 08521 24543 99266 06640 65390
39175 09472 35509 04532 51736 12458 14611 31069 40145 83751
= = 303 303 = 30 30 000

6510 kHz, 08-03, 0704 UTC. Late start.

463 926 926 30 30 = =
14281 11724 11904 04854 01090 11377 07174 20606 48739 86567
43092 97647 10760 76002 57280 10128 86770 87486 27494 31631
62981 02657 53952 66462 35964 13716 13402 60127 28283 48223
= = 926 926 30 30 000

5475 kHz, 10-03/15-03, 1800 UTC

463 229 229 30 30 = =
64501 80821 92849 79766 57000 54473 20585 50947 92939 92300
74284 19962 96779 16721 81225 91805 79273 53528 12432 15027
36151 44525 03723 52001 57146 46080 40466 55392 89035 20910
= = 229 229 30 30 000

5020 kHz, 10-03/15-03, 2000 UTC

463 382 382 30 30 = =
87533 38238 84699 39455 75452 13133 25583 10726 73011 87885
42174 91875 48649 60605 88839 83612 28638 60539 11382 63466
50865 24857 75806 32450 99502 87611 78598 33601 19408 91603
382 382 30 30 000

5475 kHz, 12-03, 1800 UTC

463 239 239 30 30 = =
17210 65671 27946 30531 70538 81736 39261 66973 08760 12901
38576 59869 55469 36371 87569 44166 31501 88367 35155 88976
62781 63494 00736 77393 69837 37835 27001 08724 31697 32421
239 239 30 30 000

5020 kHz, 12-03, 2000 UTC

463 723 723 30 30 = =
00883 40811 78422 76096 33621 87847 82805 47056 69961 70071
10115 77389 26380 71055 99156 32365 69107 20108 80791 00640
87761 23370 90761 17185 88393 09159 24436 86138 73311 95264
4 = 723 723 39 EEEEEEEE 723 723 30 30 000

6260 kHz, 14-03, 1500 UTC

463 692 692 30 30 = =
61407 07179 86144 90062 01169 61625 84255 97093 54581 12533
69179 97587 76007 35066 08911 88278 80954 74324 85763 63054
33965 13588 65106 556174 5556174 48415 91540 04452 74289 35775 55303
= = 692 692 30 30 000

6510 kHz, 15-03, 0657 UTC: VVV

6510 kHz, 15-03, 0700 UTC

Groups 6 and 7 were sent twice. Groups in red were not repeated.

463 808 808 30 30 = =
31353 56883 65346 69062 63965 92199 35393 92199 35393 52120
70616 27454 96797 93499 92719 59503 19913 73654 77673 67964
59260 70410 70454 70376 65671 87983 51090 46760 04599 20226 77150 05841
= = 808 808 30 30 000

5475 kHz, 17-03, 1800 UTC. Transcript as sent

463 412 412 30 30 = =
24941 24941 09573 09573 10514 10514 27669 27669 3367 33670
17148 17148 99884 99884 20773 20773 33645 364 96570 957000160
00160 36409 36409 73020 73020 68060 68060 78127 78127 96833
968 59059 5905 86798679 58072 580723243 3241 17130 17041727
41729449949 40789 40926176179693 7969 520051 924 924 52130
52130 73860 73860
= = 412 412 30 30 000

5020 kHz, 17-03, 2000 UTC. Different repeats in red.

463 481 481 30 30 = =
98031 65076 74442 92675 49919 59450 05796 65773 35219 10432
98573 84912 13099 87654 876 81975 79 02211 0221 63457 49228 35596 71755 715
43518 45 74868 73348 63135 08893 35557 35 55444 57645 43232 77846
= = 481 481 30 30 000

5475 kHz, 19-03, 1800 UTC

463 775 775 30 30 = =
14958 83861 18575 21463 99864 45957 69477 75022 16368 53010
31178 27083 25170 62225 25048 21275 70387 35700 68290 81767
04324 16587 14162 30546 96509 57837 13801 80485 04495 57132
= = 775 775 30 30 000

5020 kHz, 19-03, 2000 UTC

463 406 406 30 30 = =
68689 42571 13347 70109 37057 06841 76452 91826 57436 76747
73587 74295 16507 73040 84923 46556 39916 25238 45728 54853
06371 92494 13750 30401 46380 96792 80524 67749 34294 13306
= = 406 406 30 30 000

6260 kHz, 21-03, 1500 UTC. Different repeats in red.

Yellow sent once and has 6 digits. The final group has 4 digits

463 117 117 30 30 = =
51085 12170 29046 95871 33614 74575 01457 **7469** 74690 44725 23553
44333 44626 36798 72120 09209 43435 97334 86423 37753 57038
02389 33884 **38425** **150250** 12858 24685 **48** 52856 83861 **861** 95182 **958**
48886 **4888** 0931 **0938**
= = 117 117 30 30 000

6510 kHz, 22-03, 0700 UTC

463 119 119 30 30 = =
53646 96097 26479 55655 71630 76335 38440 47693 16954 66112
07695 35263 47741 51612 68555 91597 07452 39755 56967 75964
06297 42052 38916 69829 03036 46268 27132 08079 67351 49236
= = 119 119 30 30 000

5475 kHz, 24-03, 1800 UTC

463 241 241 30 30 = =
38220 32802 12074 31835 16337 27756 98072 61894 43377 31286
00824 68870 41271 31563 67811 15364 08776 53723 72804 19121
36644 03858 71526 37180 07200 24791 02390 10739 37223 49160
= = 241 241 30 30 000

5020 kHz, 24-03, 2000 UTC

463 727 727 30 30 = =
50488 87142 20717 53768 69760 51548 97547 57081 68676 24384
21579 22312 14687 31942 75441 25704 34732 70816 99649 35981
76625 75653 71542 47895 12726 13614 03075 24109 48834 06322
= = 727 727 30 30 000

5475 kHz, 26-03, 1800 UTC

463 145 145 30 30 = =
83015 75501 38538 40399 97524 96304 84840 79438 28613 89130
06330 23819 13067 77905 79424 50620 20586 04621 69296 78182
62735 04998 53556 30725 74277 09016 81750 11763 12090 68616
= = 145 145 30 30 000

5020 kHz, 26-03, 2000 UTC

463 352 352 30 30 = = =
35140 69763 35897 02751 85785 65883 96489 54348 21224 45080
39769 02655 78474 11760 66318 51098 69274 47684 72440 27075
51635 75205 00463 33342 441772 441772 97211 653338882 6533882
67779 10256 102356 89508
= = 352 352 30 30 000

6260 kHz, 21-03, 1500 UTC

Groups 7 and 8 were sent once. Groups 6 and 7 are the same as 8 and 9. Assuming that this is a mistake, then 29 groups were transmitted vs the announced. If the double groups were intended, then 31 groups were sent.

463 247 247 = 30 30 =
50525 81837 83812 51056 32871 61233 68506 **61233 68506** 67368
63384 53145 03601 88627 71290 73835 13555 44708 72727 06689
80844 64568 44106 28184 53399 44320 13791 21561 53175 69176
08066
= = 247 247 = 30 30 000

6510 kHz, 29-03, 0654 UTC: VVV

6510 kHz, 29-03, 0700 UTC. Error in group 17. Only 29 groups sent

463 371 371 30 30 = =
47019 59799 87350 19501 12960 24796 10680 08378 82747 44088
38084 57147 25057 67839 90728 75580 **034433 34433** 02611 87175
81594 46743 15357 09719 56976 74898 58394 42557 55966 84512
= = 371 371 30 30 000

5475 kHz, 31-03, 1800 UTC. Different repeat in red

463 549 30 549 30 = =
69857 76589 **76859** 47638 09582 14425 72254 98056 43644 77583 49833
66478 33254 98704 57648 37621 48836 57382 98847 55638 26153
23142 35546 74485 09281 38742 03847 55776 02647 46377 19824
= = 549 549 30 30 000

5020 kHz, 31-03, 2000 UTC

463 129 129 30 30 = =
88790 46287 46109 83876 34256 71109 47639 09958 36547 29987
36475 48790 35562 37619 36278 47738 27819 45633 88759 14265
23145 35676 87859 39844 27164 46657 98879 72918 47638 98376
= = 129 129 30 30 000

M01a

5306 kHz, 12-03, 0936 UTC

783 783 783 68391 68391

6861 kHz, 12-03, 1031 UTC

877 877 877 29809 29809
111 000

5424 kHz, 13-03, 0936 UTC

333 91392
333 843 843 843
333 90394 90394
843 843 843 333 94903 94903
111
333 96594 96594
111
111 000

6916 kHz, 16-03, 0930 UTC

125 125 125 62621 62621

6767 kHz, 16-03, 0933 UTC

125 125 125 95255 95255
125 125 125 95046 95046

6852 kHz, 16-03, 0948 UTC

134 134 134 69204 69204
134 134 134 60300 60300
134 134 134 69204 69204

4049 kHz, 17-03, 0720 UTC

523 523 523 91916 91916
523 523 523 12236 12236

5854 kHz, 17-03, 0745 UTC

892 892 832 96516 96516
832 832 832 6 6

4961 kHz, 17-03, 0924 UTC

732 732 732 65403 65403
333 65203
333 66723 333 66723
333 66823 333 66823
333 66023 333 66023
333 65563 333 65563
111 111
333 65363 333 65363

4049 kHz, 17-03, 0947 UTC

523 523 523 12247 12247
111 000

6892 kHz, 17-03, 1000 UTC

231 231 231 49835 49835
231 231 231 48431 48431

4824 kHz, 17-03, 1426 UTC

111 999
298 10 = 45407 94534 89797 40521 34894
06121 46545 89845 65804 65679 = 298 10
111 4005 21 06121
111 = 34894
111 000

4050 kHz, 17-03, 1525 UTC

427 427 427 16589 16589
427 427 427 15285 15285
427 000

4681 kHz, 17-03, 1902 UTC

830 830 830 45808 45808
000

3335 kHz, 18-03, 0645 UTC

672 672 672 25891 25891

8111 kHz, 19-03, 0638 UTC

536 536 536 57478 47478

9340 kHz, 19-03, 0844 UTC

753 753 753 89342 89342

753 753 753 80732 80732

9340 kHz, 19-03, 0918 UTC

753 753 753 645.. (x2)

8111 kHz, 26-03, 0633 UTC

536 536 536 34572 34572

9175 kHz, 26-03, 0711 UTC

146 146 146 42638 46238

146 146 146 47691 47691

8078 kHz, 26-00, 0732 UTC

407 407 407 50624 50624

5315 kHz, 27-03, 1022 UTC

923 923 923 45191 45191

111 999 613 40 =

40314 01118 41449 09383 42163 34520

111

111 44072

111 44072

333 45315

111 999 613 40 =

40314 01118 41449 09383 42163

34520 54987 38071 13632 23597

49407 54345 16914 56823 92816

89495 78566 91946 42858 56318

25559 73405 84806 94448 23071

07691 81811 33184 60765 35549

34330 16668 38139 29938 13840

30879 51573 88637 54148 92973

= 613 40 000

3794 kHz, 27-03, 1604 UTC

264 264 264 34220 34220

264 264 264 32960 32960

3798 kHz, 28-03, 0709 UTC

424 424 424 76400 76400

3117 kHz, 29-03, 0410 UTC, i.p.

14423 14423

207 207 207 14148 14138

9151 kHz, 31-03, 0721 UTC, i.p.

297 297 297 43504 43504

297 297 297 46440 46440

000 29 000 29 = =

40141 61574 58621 27168 74591

91271 14432 77458 47540 93863

26491 65211 23926 01600 31094

86194 32539 21881 88321 75534

94720 50556 47982 66157 08843

39127 19809

= = 00029 00029 00000

3870 kHz, 31-03, 0742 UTC

742 742 742 28070 28070

742 742 742 27708 27708

333 111

333 27246 27246

333 27246 27246

111

802 802 802 13666 13666

M01b**3535//4590 kHz, 02-03/09-03/16-03/23-03, 1910 UTC****3535//4590 kHz, 30-03, 1810 UTC**

420 137 137 32 32 = =

91710 18585 96729 98089 93236 18317 57325 51031 25502 29716

80821 17786 99903 18554 78148 41810 65999 40126 60539 30547

00322 70771 65362 09919 33579 69442 23366 97429 54771 28895

46985 97379

= = 137 137 32 32 000

3645//4455 kHz, 02-03/09-03/16-03/23-03, 2015 UTC**3645//4455 kHz, 30-03, 1915 UTC**

771 137 137 32 32 = =

91710 18585 96729 98089 93236 18317 57325 51031 25502 29716

80821 17786 99903 18554 78148 41810 65999 40126 60539 30547

00322 70771 65362 09919 33579 69442 23366 97429 54771 28895

46985 97379

= = 137 137 32 32 000

3510//4605 kHz, 05-03/12-03/19-03/26-03, 1932 UTC

201 137 137 32 32 = =

91710 18585 96729 98089 93236 18317 57325 51031 25502 29716

80821 17786 99903 18554 78148 41810 65999 40126 60539 30547

00322 70771 65362 09919 33579 69442 23366 97429 54771 28895

46985 97379

= = 137 137 32 32 000

3715//4570 kHz, 05-03/12-03/19-03/26-03, 2040 UTC

477 137 137 32 32 = =

91710 18585 96729 98089 93236 18317 57325 51031 25502 29716
80821 17786 99903 18554 78148 41810 65999 40126 60539 30547
00322 70771 65362 09919 33579 69442 23366 97429 54771 28895
46985 97379

= = 137 137 32 32 000

3625//4940 kHz, 06-03/20-03/27-03, 2002 UTC

153 137 137 32 32 = =

91710 18585 96729 98089 93236 18317 57325 51031 25502 29716
80821 17786 99903 18554 78148 41810 65999 40126 60539 30547
00322 70771 65362 09919 33579 69442 23366 97429 54771 28895
46985 97379

= = 137 137 32 32 000

3520//4585 kHz, 06-03/20-03/27-03, 2110 UTC

582 137 137 32 32 = =

91710 18585 96729 98089 93236 18317 57325 51031 25502 29716
80821 17786 99903 18554 78148 41810 65999 40126 60539 30547
00322 70771 65362 09919 33579 69442 23366 97429 54771 28895
46985 97379

= = 137 137 32 32 000

M12

9367/10467/12167 kHz, 01-03, 0600/0620/0640 UTC

341 341 341 1 239 123 239 123

51727 20871 26581 98660 65494 51735 18075 32196 50314 62035
46976 10144 19433 48288 28669 27886 61435 71684 74696 72913
72977 11774 07341 19337 18946 04082 33067 14488 91764 09372
03982 02477 90092 20218 67847 40162 68017 59170 65573 63603
69742 98032 21742 34460 05589 60065 37617 06378 07049 65979
63411 11713 67531 52648 03256 46204 75919 89185 36350 00424
89961 73080 79183 43510 11035 20264 32163 53440 55509 98054
29349 64525 98995 44414 30097 92790 91738 71181 90420 77516
30578 39840 83667 88372 28469 16766 45135 80825 73534 50390
88308 65608 64030 41782 26307 01324 30761 02748 03817 48655
58488 75313 49605 85728 41612 36252 78875 31498 66927 64103
48833 78263 17950 64620 15037 48891 14959 37326 00098 54977
22147 08582 83852 000 000

8164/6964/5764 kHz, 02-03/05-03, 2210/2230/2250 UTC

197 197 197 1 6494 121 6494 121

46480 16794 83038 23902 44779 16757 01144 83556 07478 45321
56867 78727 85301 76321 64707 65186 99702 61143 71099 36889
12251 44686 53008 41351 28616 37127 52569 04350 88357 19491
28765 56097 97083 71319 59659 22438 59714 57029 72317 08558
11878 78060 98898 37675 20057 43505 75905 18621 12880 90922
48712 37496 63510 98472 47623 38987 45726 95428 67034 93047
74885 07821 48706 03390 44024 92911 04607 72566 07984 63337
64000 30116 55291 72472 71455 46208 85537 24909 58248 03756
21361 46309 43677 80019 00813 27872 58487 88582 04512 42931
82640 99374 87322 85556 32059 79283 09736 98431 72135 64449
25543 06123 74028 74506 47155 59980 50388 87137 81710 82536
03057 33984 96080 43767 81153 38778 21577 61668 32344 42471
87958 000 000

9317/10484/11552 kHz, 03-03, 0530/0550/0610 UTC

135 135 135 1 9412 104 9412 104
33538 87696 71840 11631 94520 33193 46827 87933 86682 76490
79731 78445 94588 94369 64112 90417 34806 27754 58469 67943
94676 20038 09348 23703 08237 23483 04341 79362 55946 65452
97415 98414 47584 32796 85598 69557 52211 02692 47685 43870
80269 48742 49756 31795 33136 95967 61523 61917 08496 34193
31092 79255 42110 93314 25190 82280 55728 73852 05483 39447
94743 26058 93326 85369 35074 25742 69940 57684 00581 40839
08220 30721 34682 89806 29819 11510 54060 10870 21045 87398
07630 74806 63136 83060 88531 80586 03452 75563 79172 12797
39989 81901 02998 32220 84225 59976 60182 22616 98250 15188
18795 74070 48695 15723 000 000

12162/11566/10711 kHz, 04-03, 1710/1730/1750 UTC

546 546 546 1 8917 109 8917 109
04204 58951 26271 92822 11776 94787 42979 62299 99767 98790
95597 48544 60970 53315 68351 60414 71283 91338 91852 62937
62190 39603 15487 65237 40264 16612 54405 55389 20596 65029
06132 28705 87977 38171 13054 24102 22623 20411 61241 44746
99041 89474 20246 51972 75696 32377 91962 85346 44291 33246
12480 68552 95424 21371 74737 39643 06768 75548 00428 75056
62745 73156 58564 29437 95205 18973 98163 08767 11616 44057
09126 38793 59920 65932 14678 49648 52769 32190 25094 78633
36085 79318 54823 59232 18009 72079 79512 39124 73037 42230
66625 15394 74634 27252 26947 74489 11259 20388 97393 47109
05002 13930 34847 00284 45657 01149 73286 55151 91207 000 000

10267/9267/8067 kHz, 05-03, 0110/0130/0150 UTC

229 229 229 1 6988 98 6988 98
03870 97300 47077 00264 01264 72726 06379 77129 72457 79972
16194 80245 44975 24372 78471 06231 65472 51038 49242 20574
96937 42662 81059 76505 91382 65206 99302 06962 95622 03933
87048 94215 66638 83972 47065 85041 52164 26934 19194 06771
88745 94087 80805 52516 78036 24927 65578 20254 44585 22485
64509 60565 20689 24350 11833 52270 85883 09608 00351 69058
43912 13926 17245 66794 15599 03025 47103 18407 68511 27615
54758 05708 63895 86928 72204 80268 69844 01354 47226 55058
97560 33331 37055 21286 13914 26745 06251 85876 43384 12377
89254 30663 19002 13215 73637 70877 59211 59694 000 000

12162/11566/10711 kHz, 05-03, 1700/1720/1740 UTC

546 546 546 1 6937 108 6937 108
03125 16417 43201 46204 53470 79391 49518 01895 18083 37485
60420 76188 86929 44982 04337 96566 40728 42664 34331 16401
76701 84068 96370 56326 82801 05847 44149 51294 86966 55826
63895 15039 64161 33893 64265 07255 46233 42764 78014 31286
90626 10921 90326 06169 34141 34196 76406 06579 33930 20454
87126 21466 71766 20311 06295 68632 52758 92965 40712 68703
08183 35014 12202 16337 13217 68077 52627 26198 07094 57575
77739 64571 60866 01318 37694 43226 48686 11320 71139 61026
20132 28092 45831 54047 81458 23992 33203 38489 93409 64114
62391 72028 25181 02617 56457 18030 37377 70282 37928 46165
84958 21922 96279 25967 42274 70931 39400 03160 000 000

12162/11566/10711 kHz, 05-03, 1800/1820/1840 UTC

546 546 546 1 5436 105 5436 105
86991 64073 99261 43951 71020 44250 38681 61710 24395 22635
05561 76483 86286 45036 59188 31949 71201 70948 78193 76580
98816 20814 99100 92201 86230 32953 85176 84767 46839 33103
13670 60815 94275 19266 94587 52749 57056 41706 61485 42191
09379 73247 93027 94214 58501 93842 24572 98781 94182 33643
24310 52663 37585 24716 21590 77118 84209 17026 64798 27675
94637 63455 32161 75827 76309 09873 18589 66187 72635 78099
63368 32786 75634 94200 79423 70524 76344 20046 61915 97373
65190 81099 31423 02198 37465 22268 29802 36412 24194 40692
46388 68708 45989 87565 11796 05377 19455 69932 17298 18055
93081 94986 01128 02885 06288 000 000

14377/13462/12114 kHz, 05-03, 2000/2020/2040 UTC

317 317 317 1 3410 107 3410 107
71688 78659 29330 91030 38718 22864 80813 32858 23765 85830
88042 15954 50595 02755 68808 47159 63948 80278 84953 85311
54059 91772 26354 78677 70535 33221 41700 77810 29144 94743
80680 53495 23840 48788 69323 27065 65151 23936 08133 45428
62626 27309 49627 40383 21895 62230 97086 45707 95775 85276
38117 26323 81066 29348 91173 82157 30050 38176 80270 67053
05383 76220 80284 12257 27423 71962 78642 32683 87991 59062
42607 68231 76513 35063 16166 08600 90779 67210 31590 08164
64392 52894 68892 33635 28535 30229 86984 95726 20472 50600
73075 93512 11323 88804 67142 99107 83418 46531 78636 70043
99406 77610 52155 78660 82229 96604 18773 000 000

5863/7463/8163 kHz, 06-03, 0030/0050/0110 UTC

841 841 841 1 323 89 323 89
96650 77246 08966 89789 20079 51051 55413 86788 52241 69852
78682 87368 90354 63880 11016 65961 75953 38058 07405 59397
36605 74348 42763 08807 80747 38005 68753 14519 76642 54042
90060 15813 96934 80546 47863 11596 92826 63774 95005 39411
66724 76001 50783 48598 67675 90810 65503 03692 61743 46726
33228 56855 96632 70845 30422 83420 08610 61976 71080 43538
90981 30290 60204 02329 34604 91479 33720 37970 36602 41655
13086 28660 97913 48320 49017 99249 89842 48243 76103 61863
74653 83777 56022 96373 35578 42674 84839 96934 76135 000 000

8126/7526/6826 kHz, 06-03/07-03, 2200/2220/2240 UTC

178 178 178 1 6910 112 6910 112
02337 28765 48205 69844 78214 48688 19235 91693 38399 86200
01123 06921 10633 26372 56706 77856 51841 50162 22418 47785
53301 36710 77046 41604 20259 24378 62452 19089 62118 02071
43597 82576 41230 37953 03205 90166 26931 66991 32659 60212
79292 33184 93912 75609 99854 47918 65398 92990 07664 53722
60720 89792 69285 68310 85838 02078 60615 71159 80780 50379
54502 18850 06455 79799 80064 47667 93446 89874 80241 43368
63091 88295 54262 38220 41805 05037 28945 18389 27478 03796
76521 05290 08876 90259 28522 55928 10121 24557 08244 88280
49046 42369 64541 89486 46190 61395 30251 17921 36367 51639
38850 63325 07840 62276 72483 70418 34812 08967 25034 12922
77214 62569 000 000

16276/14876/13376 kHz, 09-03/11-03/16-03/18-03, 1400/1420/1440 UTC

283 283 283 1 4968 69 4968 69
65324 21919 72537 79130 46885 42135 24495 43067 76145 18085
60610 98297 32370 09273 59153 38701 73018 25145 87766 49510
82590 94277 05136 08059 20055 57398 02963 20308 03847 88361
96115 62804 42144 99060 71496 10079 33603 08522 01212 77426
91186 70759 51145 26775 04239 42239 22800 44411 57826 80101
54041 17955 72954 89578 82100 19904 44428 18717 00055 38650
40793 76737 96995 71310 01764 28692 18165 65934 70701 000 000

9317/10484/11552 kHz, 10-03, 0530/0550/0610 UTC

135 135 135 1 2494 107 2494 107
20131 50932 13854 73853 08019 33028 41880 75921 52748 76735
80506 80706 59397 00491 99070 57030 69439 57286 42264 20278
33660 76917 93221 73983 27961 52170 44437 80968 31859 40823
30741 10702 76716 83850 02778 21562 34965 25684 82494 31072
59077 68550 51773 16985 22459 51384 80004 86047 52577 11151
96472 60294 58901 53015 25686 95812 20298 95342 07452 24229
17094 13217 40641 17256 66172 81080 14722 38243 25470 98854
47207 59398 91319 43674 06508 61490 27554 94286 18383 36622
16470 90019 32703 47449 71294 07672 18545 20374 04901 25032
76976 69291 46007 75930 46983 17255 42901 62259 59789 05377
83440 45703 95731 37889 61507 30447 30945 000 000

9367/10467/12167 kHz, 10-03/15-03, 0600/0620/0640 UTC

341 341 341 1 5816 143 5816 143
98435 48832 79494 98389 93892 70928 88093 29453 47171 98396
48148 57664 84238 96581 42540 14960 46107 89728 87661 79287
79990 82769 82957 84219 30348 55669 72111 90284 69162 10967
22260 88331 48257 24243 16134 44773 35694 79344 90619 24372
06120 18211 91697 30801 74355 87286 96131 90062 09045 67240
85545 79958 29237 66243 80403 59401 20017 42485 40952 72037
42664 06757 46276 44626 57685 63800 33453 48594 48564 47326
48994 33359 90162 40090 93703 57428 42070 38052 01973 93782
96554 61889 51792 99332 85559 45863 74279 57925 42556 57105
53508 06048 24551 52266 40414 98529 65562 82427 56263 20650
36006 64762 14973 10704 01188 48524 38672 18044 22331 76399
18645 11139 72921 62868 32213 06931 29185 31484 91479 65558
94860 72393 02592 21806 28428 81583 95617 66828 82543 08750
85078 93395 76284 57110 31402 58337 62971 95138 44558 05200
56515 56945 97369 000 000

15848/17448/19148 kHz, 11-03/15-03, 0800/0820/0840 UTC

841 841 841 1 374 110 374 110
43197 13568 84429 09058 16292 14026 92992 31980 98306 83925
80346 73788 44946 01578 71884 47549 87394 19542 95328 36074
86614 30225 79756 59965 56744 92360 08177 41966 80361 14691
93909 33390 31890 47146 38971 83035 74566 82905 52208 19011
87283 99278 52003 19849 48193 34899 26013 09305 64383 44194
16122 75885 77865 14202 08074 12937 10778 61306 83776 34675
13317 48002 85531 81448 88046 65542 52508 37529 64790 27157
15718 08114 41775 40463 82948 30629 98653 04090 75686 52836
06955 41115 41951 85721 46877 20692 26043 12933 62470 70805
35494 27306 66859 83576 96177 41216 835E4 38814 77997 44783
79297 63839 67729 08020 22589 11121 23372 68080 95241 98501
000 000

13952/13452/12152 kHz, 11-03/13-03/18-03/20-03, 1310/1330/1350 UTC

941 941 941 1 4275 109 4275 109
88340 04013 01998 91324 76955 72590 57995 44802 94879 22137
37035 28139 74004 91644 67674 58142 09880 04279 46435 41733
40037 18674 11675 63828 57382 80593 90527 06059 21015 46291
70906 10424 79237 72418 17747 95997 26159 93337 68030 76454
63809 29602 50640 39811 21159 77978 18794 01374 82708 39411
58598 39555 06463 37308 15471 82195 52585 89812 31318 84488
03250 25256 45559 22016 22122 67248 79959 64036 99883 47858
16859 77160 88266 05004 46165 15893 39574 17307 71149 46407
00364 86382 53501 09578 17732 18917 19550 46692 08270 95482
13437 11799 79205 69022 53820 39680 11599 39080 72057 48620
29654 46996 94424 70391 74191 96121 75244 04995 88493 000 000

12205/13559/14728 kHz, 11-03, 1530/1550/1610 UTC

973 973 973 1 1162 83 1162 83
93281 15317 92103 33743 91554 10152 51487 32875 26292 02151
46375 75757 31368 21711 53042 01303 57299 89674 76346 65893
50349 79663 36824 94534 25035 23258 47109 83379 80125 20664
46793 23249 51619 25336 65699 55945 60888 70381 97981 12435
38313 46469 90061 58117 82311 15532 17360 56731 98287 80840
41139 11149 73209 19148 17119 78927 71537 17763 68316 82522
14413 77273 89654 80225 69221 99097 96639 59338 61879 85969
22069 82358 22770 24708 58035 70508 40215 51715 85058 59000
22755 10272 14501 000 000

12162/11566/10711 kHz, 11-03, 1710/1730/1750 UTC

546 546 546 1 2840 107 2840 107
59267 97789 79928 07661 53923 66454 31474 39954 50220 98415
37649 89745 96634 91277 73297 92906 71657 35905 02320 00894
16719 23892 71182 59754 88766 90891 31189 81505 42584 90666
44215 59481 28694 36236 25911 09426 43619 04553 27351 62230
12208 97548 46842 95624 06018 45332 28792 08497 25601 10236
17019 10506 43548 47802 30494 61733 50970 11402 96448 86863
36520 93474 63994 21912 81908 05688 35728 42735 08204 88084
86476 92919 70226 90615 61161 46349 05263 65620 46240 82427
79086 40605 54651 02269 30453 60882 81967 80952 86135 58125
73221 01821 51085 25411 02768 70008 31103 14186 42203 43103
28311 75439 57834 73160 94735 63082 92259 000 000

17463/16263/15863 kHz, 12-03, 0100/0120/0140 UTC

428 428 428 1 8460 96 8460 96
84725 18204 59114 40989 66676 29547 93690 13301 19158 13419
89291 38208 26027 78006 49087 74896 89277 43141 44605 42608
08423 23852 18912 31508 19613 67485 25310 86850 27074 55140
20023 84750 59844 29341 39577 20316 00509 69807 65633 92799
46901 82866 94426 51349 43138 75203 10106 85311 63306 01349
78676 28693 06881 06813 16759 67319 23684 44866 57387 70191
78202 62907 26662 31163 04778 55190 90105 54802 73226 12499
00938 73866 16228 67009 84799 70611 91697 94925 83507 63099
40795 25604 50979 83994 54253 41075 18156 58584 15331 57544
98364 39671 14543 91036 14125 76805 000 000

10267/9267/8067 kHz, 12-03/15-03, 0110/0130/0150 UTC

229 229 229 1 2577 68 7577 68
72800 58140 21933 55786 95625 30935 16234 29104 17962 88674
89118 57901 46893 59825 01310 74716 21216 46889 64819 68163
92817 89730 82779 37484 66718 41793 65429 39836 83426 05269
92747 29176 08822 63703 79188 75105 42736 44726 70627 70636
14388 99990 88062 42638 55166 99400 51568 82915 06567 73009
52978 82383 29954 80483 92510 96549 20208 34487 89181 39977
99356 06296 78772 97356 58332 32623 99177 48482 000 000

12162/11566/10711 kHz, 12-03, 1700/1720/1740 UTC

546 546 546 1 9817 110 9817 110
86544 38295 26803 57228 85605 00963 34446 84129 70601 74835
46578 60250 37950 89494 39385 52098 62889 97265 50696 91523
93513 92314 36139 28738 68702 63041 25953 67569 72868 80115
53624 53432 38096 98967 49056 38625 94682 25201 11965 96422
08920 13500 87722 83950 68228 25263 38496 61389 62899 78066
95758 17968 07658 38577 92013 49597 08176 44563 54641 75199
77297 61751 13576 00704 51807 71413 47017 18314 09284 80383
70408 30380 32771 83487 09689 45596 75067 04424 75468 42482
89712 49443 29126 97411 32048 20887 49652 36494 94580 01049
37589 03712 79692 33304 46658 60200 83779 90241 74164 83260
37411 02690 43249 89098 92717 32658 09461 66809 94385 23399
000 000

12162/11566/10711 kHz, 12-03, 1800/1820/1840 UTC

546 546 546 1 926 106 926 106
95376 23119 74935 94209 45557 36446 86119 41510 12478 77181
09321 43820 28618 28186 16896 12432 73789 12348 05610 98955
13864 46463 73507 86903 95176 66459 42301 95414 41705 21021
54189 95120 14379 35619 53511 02480 55436 45175 70160 07131
86906 61000 43840 05781 74042 48407 43280 72910 35677 70458
34238 72985 68276 19876 96791 83003 07339 51130 99040 10499
71558 93299 56554 00839 20548 35064 21597 14954 39315 33287
27215 81861 83450 77543 61865 12891 25533 92302 03357 65452
71330 84103 31503 12932 74005 18580 98907 19935 40718 85928
81998 30361 03290 81035 03985 56331 38020 14957 00701 25797
19334 59446 13450 63664 60415 44467 000 000

14377/13462/12114 kHz, 12-03, 2000/2020/2040 UTC

317 317 317 1 233 50 233 50
15261 56938 90281 71161 97337 93529 50324 00425 70972 54227
85617 65048 78081 15969 55727 33480 73597 60742 29280 19431
94992 19073 17773 61585 31649 60689 56914 43539 36823 57029
51473 75820 67093 29257 25183 89171 82683 60830 76996 13767
33450 22167 86666 48616 99419 10353 98412 37461 62662 34884
000 000

16284/15984/14784 kHz, 13-03, 0010/0030/0050 UTC

297 297 297 1 9290 118 9290 118
29400 96493 52305 46588 93878 62582 54382 47771 55545 36323
28785 44814 64177 29827 80373 06218 85281 95147 87877 75101
16461 80426 93510 10130 31377 97339 54222 35069 22334 24353
73173 24943 64806 90006 58043 09756 91347 70917 90403 20033
93796 14981 81683 55269 53528 73754 12527 96297 61672 09587
76990 26531 64704 47966 29244 34132 47101 03917 39510 96358
30797 64326 16837 42713 52010 06303 64641 20972 89841 51616
87108 33123 63742 99359 08958 73848 47339 59192 19575 00395
30948 00799 48575 06608 57188 30727 76051 58035 52279 13750
30359 10422 78774 94953 99344 85902 56085 71885 56404 99426
80488 87678 55439 80474 43910 64394 31686 04593 87896 82275
33797 79789 82928 59626 68274 41603 51586 95397 000 000

8126/7526/6826 kHz, 13-03/14-03/20-03/21-03, 2200/2220/2240 kHz,

178 178 178 1 7858 78 7858 78
80596 98163 37066 16374 56367 56160 69174 22826 96518 64986
34744 92164 18817 18700 06304 02856 33687 71376 68073 50096
83189 60606 79617 50256 47458 57036 81045 63391 27539 73355
15651 62179 23023 12871 71631 19183 08131 30416 64412 96044
97069 41597 73869 41365 85997 74545 82051 47709 35999 87458
25351 86804 89096 99708 78223 30607 38435 54589 06281 20960
56801 53335 58100 74992 77280 82848 54063 86242 52686 33740
18000 27045 28774 60719 31826 60789 40771 83841 000 000

9367/10467/12167 kHz, 15-03, 0600/0620/0640 UTC

341 341 341 1 5816 143 5816 143
98435 48832 79494 98389 93892 70928 88093 29453 47171 98396
48148 57664 84238 96581 42540 14960 46107 89728 87661 79287
79990 82769 82957 84219 30348 55669 72111 90284 69162 10967
22260 88331 48257 24243 16134 44773 35694 79344 90619 24372
06120 18211 91697 30801 74355 87286 96131 90062 09045 67240
85545 79958 29237 66243 80403 59401 20017 42485 40952 72037
42664 06757 46276 44626 57685 63800 33453 48594 48564 47326
48994 33359 90162 40090 93703 57428 42070 38052 01973 93782
96554 61889 51792 99332 85559 45863 74279 57925 42556 57105
53508 06048 24551 52266 40414 98529 65562 82427 56263 20650
36006 64762 14973 10704 01188 48524 38672 18044 22331 76399
18645 11139 72921 62868 32213 06931 29185 31484 91479 65558
94860 72393 02592 21806 28428 81583 95617 66828 82543 08750
85078 93395 76284 57110 31402 58337 62971 95138 44558 05200
56515 56945 97369 000 000

9317/10484/11552 kHz, 17-03, 0530/0550/0610 UTC

135 135 135 1 1037 104 1037 104
37501 02386 53094 99343 84166 35105 26036 65583 99573 93739
41524 39132 30044 52119 19647 16534 91360 96011 85124 23748
61342 80851 81390 26666 72195 35928 04231 55105 50274 18970
75693 93343 16586 82663 23177 40727 29549 51371 43696 37707
55479 79855 44593 89654 54172 97897 32054 05366 32617 15700
46712 50318 84608 78742 21031 61006 41608 41809 34026 01935
48341 59854 97984 73862 67313 86032 21982 43105 49027 04375
69898 29008 77761 15638 99874 33677 73228 35345 92485 21811
23062 37717 52952 14188 34613 35419 64305 43727 75229 73525
75655 53516 62955 45059 46620 58318 46919 54687 09383 28610
59481 46327 76693 67171 000 000

9367/10467/12167 kHz, 17-03/22-03, 0600/0620/0640 UTC

341 341 341 1 171 84 171 84
12208 08857 03303 04307 56497 60891 76369 09370 09031 68961
13148 92390 44455 63928 55873 33388 86674 36365 10448 53112
50377 28749 15986 14080 28162 92196 85270 88062 80621 53277
08842 64712 20315 65481 28434 09345 27179 26454 19177 18549
21539 18821 47358 27437 31067 96939 04432 18964 98334 84639
57098 35397 57235 18440 74508 18822 95798 04096 73522 54398
36694 80469 37687 37152 12838 45023 21897 63487 51787 96176
78626 78107 36251 76045 08714 25563 75043 60286 41776 44050
84481 27167 81692 85324 000 000

12162/11566/10711 kHz, 18-03, 1710/1730/1750 UTC

546 546 546 1 6452 110 6452 110
61784 22221 08541 51759 41532 59106 52164 85974 36275 21045
52951 43491 25131 35323 12576 46758 42068 94200 67192 17046
86910 38528 94925 87927 49915 40984 88115 54877 32884 87950
66964 49652 40673 47433 19857 27957 15702 19332 84143 86766
83461 95399 52602 18664 18610 61583 43581 51191 67108 66473
87594 27809 89004 90346 08693 66185 75290 82177 14325 87721
30061 70096 14785 29301 99049 42102 79436 83721 23303 46522
68732 65679 49736 17894 57343 05437 27502 58751 07352 88586
15832 13018 02418 29354 89307 56034 32324 58273 01060 34271
99191 32144 61738 65491 56540 04162 37602 64232 03767 21103
69253 37295 88888 19674 79043 85887 35547 36664 05589 53713
000 000

12162/11566/10711 kHz, 19-03, 1700/1720/1740 UTC

546 546 546 1 5157 108 5157 108
64624 81282 23650 25677 12936 54485 66234 98725 46165 07101
83663 69285 71733 31161 32487 59348 73080 50799 69335 94528
77938 74164 47772 44753 88645 38834 08181 45120 24403 58547
30352 00750 05387 24084 91541 40720 41699 31734 03397 55825
98945 20897 94938 95243 57672 24687 47823 42288 95440 24117
60167 28925 50892 19927 62444 27149 28842 83324 53300 77308
64041 85593 36636 15698 27673 54782 46565 68863 67693 73397
67410 16340 30719 33355 49743 81818 92431 32056 31230 21664
45645 98483 51063 11615 42632 89220 92612 50492 12015 94047
70189 92485 62420 98964 29034 03762 56204 05328 86876 46836
75417 29618 96490 13127 47323 32334 47773 11964 000 000

12162/11566/10711 kHz, 19-03, 1800/1820/1840 UTC

546 546 546 1 6161 111 6161 111
43988 23319 65865 04648 93834 79424 74649 80505 99829 58590
81920 34140 98866 02666 00865 17859 07046 02910 50327 50890
19662 26831 31377 38850 11047 58255 43299 29234 13030 89603
38224 60049 10182 52389 05484 89098 33114 86522 31092 25325
45753 69157 28696 99017 89063 03087 44776 15194 78838 00289
87573 39390 52164 35753 04676 70871 83443 98266 89055 84930
37986 34197 73193 72763 14487 34590 15648 77729 51856 44314
55666 12103 48064 56436 40535 10668 04904 60033 61984 51952
04917 19415 48275 37021 00360 74614 40518 39305 98781 08702
48500 91767 34236 40854 20170 04331 75977 04385 45946 09071
77600 95864 06454 74132 53977 58500 78980 67675 90249 79932
36101 000 000

14377/13462/12114 kHz, 19-03, 2000/2020/2040 UTC

317 317 317 1 622 33 622 33
38698 87530 27196 13029 80908 30120 18705 10970 27185 52425
93918 57564 63538 49469 62099 91443 58846 44739 48903 99253
16162 68581 69524 26764 47071 81150 71445 60788 17395 50452
34415 19938 61588 000 000

16284/15984/14784 kHz, 20-03, 0010/0030/0050 UTC

297 297 297 1 5720 126 5720 126
95018 54495 07009 30479 59835 52197 26457 22068 03667 22759
00581 49342 37648 26024 69584 35304 10647 37779 25895 09445
00247 11039 32978 05762 92608 37668 92475 24719 92959 90039
33985 11343 70010 90731 39616 72020 44494 21186 38934 64326
46561 80877 44669 35035 61331 15450 60510 70850 85973 90492
20353 54828 90124 57987 93074 05106 53640 51741 28327 97810
23386 57280 36187 23959 52603 65704 09561 46705 62188 01673
73234 61868 96119 06386 72011 74979 82576 13866 76642 86229
32567 19153 20840 20086 59448 29637 76242 61969 97460 00514
72854 91986 57932 62178 89695 51806 12555 00790 28165 27769
26863 91306 32964 49856 93639 27840 80031 39649 62738 71247
48429 80943 13261 38250 43320 92535 89369 61828 86584 30760
92320 41714 16486 55847 14121 96058 000 000

8164/6964/5764 kHz, 23-03, 2210/2230/2250 UTC

197 197 197 1 561 87 561 87
39124 15630 28770 62065 15504 80026 07064 20819 67721 81648
16917 51322 71092 23156 25189 86403 35002 21701 55873 31611
93435 75722 29267 32606 03502 44603 30444 58754 06241 81694
19992 82884 20432 24122 40076 91170 44941 28935 45234 51952
12878 21071 82037 07847 21675 41653 73131 09512 01921 65522
63222 10024 10694 36668 29493 91104 95220 95746 00591 57524
30414 47749 37474 41158 85937 73911 75187 92355 29423 44751
40970 20458 15332 67414 11610 35007 91463 38871 07296 33842
58752 72784 46151 25729 76011 58085 78670 000 000

17463/16263/15863 kHz, 24-01, 0100/0120/0140 UTC

428 428 428 1 510 104 510 104
06680 51332 18674 04065 00654 35335 64392 65121 86917 24077
08272 55830 41108 86821 05329 39522 41985 82497 46847 13290
27093 09519 30827 37822 76874 63987 96410 23992 51921 69483
16128 03343 00779 71818 88761 97634 55416 93723 96052 31556
04583 07544 24728 04455 39698 95310 98069 33064 75486 15649
88744 99516 25222 99451 50755 05520 41898 97737 61144 12105
57817 61492 66491 53263 46501 00268 42190 18928 32181 79397
65277 21216 48875 18142 02770 00589 32724 70020 81199 56051
15891 85294 79861 42640 57955 07285 94379 72024 99250 44859
44191 81888 15492 95608 19697 79901 37252 10082 64385 91784
45056 87144 78785 05435

9317/10484/11552 kHz, 24-03, 0530/0550/0610 UTC

135 135 135 1 9011 104 9011 104
63624 90114 85071 33397 48706 06766 37074 25665 69454 77115
09582 48221 95508 71322 32254 89003 60403 02258 09960 67144
80282 55039 76042 40801 20781 36758 11923 89889 57435 20288
61886 74228 17782 68239 88829 07630 23163 85413 53776 25320
55304 49051 38949 87837 82379 27548 34498 19218 18704 66783
55546 86312 61391 93933 77237 69496 30072 79490 61156 64663
94204 45717 77333 88976 36536 70612 81193 14833 72723 76564
12848 59251 44687 82244 52241 20461 31960 46076 54657 15492
44405 61518 26689 30159 54914 21630 19259 94735 31603 13614
02339 79356 78904 20271 17045 74594 40296 27822 94906 69731
89602 70761 38097 26732 000 000

9367/10467/12167 kHz, 24-03, 0600/0620/0640 UTC

341 341 341 1 259 111 259 111
72693 48050 36840 42198 78336 10565 38172 26212 38808 94545
39779 40917 85231 17805 34798 83299 07412 10309 54322 72969
86348 15627 39663 21614 98987 77076 03510 23419 39999 77078
70447 61829 61458 95504 61496 89004 88069 21827 38848 69928
88702 39002 39957 86644 71418 33784 85637 78691 50120 94126
30442 16150 26662 44097 98897 15082 32631 19425 96079 56356
07013 60043 21176 12809 44413 16326 89538 51108 24800 04080
70883 58500 83115 57095 12213 55507 44752 62929 64818 28815
64380 51286 06618 98741 14016 27547 14722 19502 39130 56091
65601 47936 71902 37004 33783 11425 85272 92134 73831 71998
51864 56522 02108 10861 12073 55985 09571 01064 07456 86122
17434 000 000

12162/11566/10711 kHz, 25-03, 1710/1730/1750 UTC

546 546 546 1 8844 109 8844 109
98317 59803 18641 72061 60851 57936 64819 82277 09558 16252
88178 13766 15237 44261 53319 95820 09829 16191 52497 68268
86506 96749 80473 85626 93844 25812 41002 67133 08938 74138
17067 98104 93721 77909 73129 33736 49883 27830 35206 70451
27316 59226 07334 83032 37025 95787 88037 05725 50643 59842
25407 76667 66445 51817 61436 37211 22320 22452 58123 80021
54179 95920 46889 02677 74499 37139 63679 72621 84583 48964
15635 54608 67243 16331 63936 17521 16861 21667 90726 73943
65348 99601 48175 57003 76437 05165 34949 43578 04909 65830
55650 63533 56195 39626 70223 34093 23155 30901 33010 46695
97024 84121 21141 46975 24822 60520 08350 91510 72186 000 000

12162/11566/10711 kHz, 26-03, 1700/1720/1740 UTC

546 546 546 1 3828 108 3828 108
22733 73033 04407 02355 84273 02404 87663 39650 03280 64021
46743 06713 65097 00001 22319 02451 70761 39171 67409 46799
81652 73447 14282 67051 66254 26450 82269 51717 50333 88410
24911 95462 03188 69899 61097 36240 42803 01527 33569 99799
91501 15182 45370 48056 71314 31360 81123 97887 88280 32633
47031 76180 69573 44697 27946 84875 87900 11316 65344 34088
01506 14984 90965 35863 53662 39685 10621 16590 86286 99650
93521 85225 80546 72430 56113 21185 25635 71876 77293 30241
83374 29884 68293 76094 44562 18989 65310 77408 06210 33559
71061 77099 29177 73210 68394 02011 49053 76116 21224 71833
01439 49954 02852 65890 43800 11611 67255 24240 000 000

12162/11566/10711 kHz, 26-03, 1800/1820/1840 UTC

546 546 546 1 6702 112 6702 112
43976 59311 97122 59742 79079 24605 44933 69990 20000 31200
60917 18253 56537 56302 67912 65098 02449 29081 35800 47880
30956 53239 83976 48415 27437 29768 99282 44861 89959 89350
24585 85323 87477 59288 93519 73191 55310 60423 15497 74150
79875 28770 15283 59046 87389 34128 49767 54027 18055 10497
60449 95396 06625 37006 04972 99254 57057 51316 13510 30019
12993 44772 98907 93570 20590 50405 99483 50173 40351 30413
80933 86295 41472 41442 28062 16259 94764 68406 72899 60066
92217 61677 41625 28371 46928 50223 10661 18189 20512 80117
37375 49107 64553 83092 46452 39633 98936 47702 66700 26082
51979 09881 31344 51124 01333 47636 37378 13467 45415 50415
14627 56618 000 000

14377/13462/12114 kHz, 26-03, 2000/2020/2040 UTC

317 317 317 1 165 56 165 56
10957 89174 53214 83656 60755 21939 27889 40922 31007 48571
41371 00933 72646 83607 53516 51868 25883 11636 50381 31521
42013 05038 63277 49867 95231 56206 23941 82221 23410 46069
03180 61725 68991 60685 40016 00105 80302 49913 30672 56608
47030 98405 51289 02594 08901 68063 20551 40482 58543 26623
25294 38797 09084 28292 14712 08474 000 000

8164/6964/5764 kHz, 26-03, 2210/2230/2250 UTC

197 197 197 1 561 87 561 87
39124 15680 28770 62065 15504 80026 07064 20819 67721 81648
16917 51322 71092 23156 25189 86403 35002 21701 55873 31611
93435 75722 29267 32606 03502 44603 30444 58754 06241 81694
19992 82884 20432 24122 40076 91170 44941 28935 45234 51952
12878 21071 82037 07847 21675 41653 73131 09512 01921 65522
63222 10024 10694 36668 29493 91104 95220 95746 00591 57524
30414 47749 37474 41158 85937 73911 75187 92355 29423 44751
40970 20458 15332 67414 11610 35007 91463 38871 07296 33842
58752 72784 46151 25729 76011 58085 78670 000 000

5863/7463/8163 kHz, 27-03, 0030/0050/0110 UTC

841 841 841 1 345 107 345 107
25339 94554 88944 18849 36219 50263 50270 46992 00711 80767
09690 96389 74704 30835 82569 88840 48364 92877 01756 25929
81204 92252 86131 83676 41981 97682 76811 91782 24904 31560
70605 63403 39713 85665 84125 80710 49305 45636 47891 36361
89092 61707 53705 91728 46559 68430 79538 10213 59404 66084
75842 63782 23306 64941 48990 22413 07559 08978 64946 05337
05204 57993 35054 86465 83428 94055 30966 17667 51505 51903
87753 40288 66826 61818 59575 40708 96691 88687 82667 08702
09668 58006 82815 78082 63800 69102 67419 24469 59484 25131
55545 55699 03684 42305 58100 81451 10624 21170 83889 40294
96578 55291 46509 66630 49859 01325 05271 000 000

9367/10467/12167 kHz, 29-03, 0600/0620/0640 kHz

341 341 341 1 259 111 259 111
72693 48050 36940 42188 78336 10565 38172 26212 38808 94545
39779 40917 85231 17805 34798 83299 07412 10309 54322 72969
86348 15627 39663 21614 98997 77076 03510 23419 39999 77078
70447 61829 61458 95504 61496 89004 88069 21827 38848 69928
88702 39002 39957 86644 71418 33784 85637 78691 50120 94126
30442 16150 26662 44097 98897 15082 32631 19425 96079 56356
07013 60043 21176 12809 44413 16326 89538 51108 24800 04080
70883 58500 83115 57095 12213 55507 44752 62929 64818 28815
64380 51286 06618 98741 14016 27547 14722 19502 39130 56091
65601 47936 71902 37004 33783 11425 85272 92134 73831 71998
51864 56522 02108 10861 12073 55985 09571 01064 07456 86122
17434 000 000

16276/14876/13376 kHz, 30-03, 1400/1420/1440 UTC

283 283 283 1 5599 110 5599 110
76607 98474 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

17463/16263/15863 kHz, 31-01, 0100/0120/0140 UTC

428 428 428 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

9317/10484/11552 kHz, 31-03, 0530/0550/0610 UTC

135 135 135 1 8821 106 8821 106
42668 11101 51099 32321 29157 55393 84197 32883 25184 14627
35772 40082 58272 10116 04599 77205 19129 36373 22957 33462
03456 80774 68931 57078 57483 84016 43684 84551 38526 42631
63677 39627 40610 21183 01465 61129 68609 17800 98376 32423
20700 48020 27431 53618 53074 28692 47986 51694 27608 14051
96237 99968 61096 48566 47676 87092 78183 75506 51908 06633
38397 29579 29930 80268 92501 27685 10659 94201 89814 62699
04953 03375 43617 12441 38150 94455 00685 71118 51456 53633
37286 12453 69724 36769 01255 14694 67021 28823 56572 64202
86933 25724 75507 88502 48534 35428 71566 08789 71575 91404
88277 00699 60537 50847 01615 32774 000 000

4730 kHz, 21-03, 0800 UTC. Transcript as sent

523 200 200 33 33 = =
62314 62314 55562 55562 90987 90987 85244 85244 89073 89073
31254 31254 66687 66687 99922 99922 33331 33331 70723 70723
88003 88003 70707 70707 22890 22890 40467 404677777777777777777777579
568790 20341 20341 53124 53124 64523 64523 64123 64123 56654 56654 09602 09602
70977733687
24806 24806 85213 85213 57235 57235 03451 03451 20783 20783
40238 40238 45123 45123 80931 80931 60803 60803 45231 45231
= = 200 200 33 33 00000

4650 kHz, 21-03, 0900 UTC. Transcript as sent

523 200 200 33 33 = =
62314 62314 55562 55562 90987 90987 85244 85244 89073 89073
31254 31254 66687 66687 99922 99922 33331 33331 70723 70723
88003 88003 70707 70707 22890 22890 4 774 550 68790 20341 20341
53124 53124 64523 64523 64123 64123 56654 56654 09602 09602
70555559 7768724806 24806 85213 85213 57235 57235 03451 03451
20783 20783 40238 40238 45123 45123 80931 80931 60803 60803 45231 45231
= = 200 200 33 33 00000

5940 kHz, 24-03, 1820 UTC

346 144 144 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
= = 144 144 33 33 00000

17458 kHz, 25-03, 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

5474 kHz, 25-03, 1920 UTC

537 144 144 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
= = 144 144 33 33 00000

4730/4650 kHz, 28-03, 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

M21 - Russian Air Defense Forces (Во́йска ПВО Voyska PVO)

7949.5 kHz, 01-03, 0730 UTC
6835 kHz, 01-03, 0814 UTC
6286 kHz, 01-03, 0941 UTC
3279.5 kHz, 03-03, 0920 UTC
3616.5 kHz, 03-03, 0925 UTC
4991.5 kHz, 03-03, 1739 UTC
4416 kHz, 03-03, 1744 UTC
7949.5//8023 kHz, 04-03, 0456 UTC
7949.5//8023 kHz, 04-03, 0456 UTC
5381.5 kHz, 04-03, 0518 UTC
3996 kHz, 04-03, 0837 UTC
4237 kHz, 04-03, 1935 UTC
8747 kHz, 06-03, 0839 UTC
6830.5 kHz, 06-03, 0543 UTC
5381.5 kHz, 10-03, 0700 UTC
4237 kHz, 11-03, 1836 UTC
3314 kHz, 11-03, 1909 UTC
4191.5 kHz, 11-03, 1917 UTC
3314//4391 kHz, 11-03, 1922 UTC
6828 kHz, 14-03, 0626 UTC
4846.5 kHz, 14-03, 0639 UTC
4171 kHz, 14-03, 1730 UTC
3185 kHz, 14-03, 1740 UTC
4191.5//4274 kHz, 15-03, 1715 UTC
6425.5 kHz, 30-03, 0809 UTC
6793.5 kHz, 30-03, 1656 UTC

=99?1030?9????? =99 ?1032?9????? =99?1034?9?????
=991114??8????? =991115??8????? =991116??8?????
=991241??8????? =991242??8????? =991243??8?????
=991220??0????? =991221??0????? =991222??0?????
=991225??0????? =991226??0????? =991227??0?????
=99?2039??9????? =99?2041??9????? =99?2043??9?????
=992044??0????? =992045??0????? =992046??0?????
=99?0756?9????? =99?0758?9????? =99?0800?9?????
=99?0756?9????? =99?0758?9????? =99?0800?9?????
=990818??0????? =990819??0????? =990820??0?????
=99?1137??9????? =99?1139??9????? =99?1141??9?????
=99?2235?9????? =99?2237?9????? =99?2239?9?????
=99?1139?9????? =99?1141?9????? =99?1143?9?????
=99?0843?9????? =99?0844?9????? =99?0845?9?????
=991000??0????? =991001??0????? =991002??0?????
=99?2136?9????? =99?2137?9????? =99?2138?9?????
=992209??0????? =992210??0????? =992211??0?????
=992218??8????? =992219??8????? =992220??8?????
=992222??0????? =992223??0????? =992224??0?????
=990926??8????? =990927??8????? =990928??8?????
=990944??0????? =990945??0????? =990946??0?????
=992030??8????? =992031??8????? =992032??8?????
=992040??8????? =992041??8????? =992042??8?????
=992015??8????? =992016??8????? =992017??8?????
=991109??0????? =991110??0????? =991111??0?????
=991956??8????? =991957??8????? =991958??8?????

7949.5 kHz, 10-03, 0720 UTC

=14407932975620
=14463938519620
=14474361939120
=24469801020534
=14401936827921
=14403930937321
=14409962314822
=14470936523922
=14472962876922
=99?1024?9?????
=44464?????4?????
=14402936829923
=14408964836424

6425.5 kHz, 12-03, 1042 UTC

=10313410674441
=991342??0?????
=10311410673642
=10312410077142
=10311410674242
=991343??0?????
=10313410675243
=1031141874943

3185 kHz, 12-03, 1020 UTC

=991320??8?????
=4325232523??00
=991321??8?????
=13252946893120
=23252901207035
=23252902070719
=991322??8?????
=13252946822422
=23252902070720
=991323??8?????

3185 kHz, 15-03, 1540 UTC

=13002942571440
 =13003779010840
 =13004779104004
 =13005779452140
 =430003002??00
 =991841??8?????
 =4300230020??0
 =4300330032??00

3185//6421.5 kHz, 27-03, 1507 UTC

=13436101275504
 =13437101562804
 =23437701950825
 =13438101588204
 =23438701950825
 =13439101586304
 =23439701950825
 =991808??8?????
 =13430966191106
 =23430701950816
 =13431966796706
 =23431701950816
 =13432966796206
 =13433966796106
 =991809??8?????
 =13434966795306

5402.5 kHz, 30-03, 0708 UTC

8500082353308
 8500082353409
 51785007130511700
 8500082353510
 19285001010

M41 - Russian Air Defense Forces (Войска ПВО Voyska PVO)**5934 kHz, 12-03, 0931 UTC**

AYFM AYFM AR
 = 3700 9972747 91125511 670 1240
 = 3700 9972796 91122511 680 1242
 = 3700 9972761 91125511 700 1244
 = 3700 99727 9891125511 750 1246
 = 3700 99727 9491125511 800 1248
 = 3700 997 2181 91125511 800 1250
 = 3700 99721 15 91125511 720 1252

5934 kHz, 13-03, 1016 UTC, c/s AYFM

=3700997 2036 91100511800 1316
 =3700 997 2117 911005118001322
 =3700997 269391100511800 1326

8081 kHz, 13-03, 0652 UTC

FHML FHML VVV VVV VVV FHML AR

4475 kHz, 13-03, 0837 UTC

=85000 839553 35 51785007120511600 36
 =850008 39554 37 =8500883 9555 38
 =85000 9533 39 =85000 823544 40
 =517850008 EEEE 5178500 7130511700
 =85000 913535 41 =85000 82354342

4044.5 kHz, 14-03, 1526 UTC

=722194900 1601106 216172150 26
 =722194900 260 384531357 2300 27 K

6222.5 kHz, 16-03, 0850 UTC

=3700 997559791 50511300 1154
 =3700 99745 389150 511250 1158
 =3700 99725 729140 511300 1158

4913.5 kHz, 17-03, 0728 UTC

=979108795 6628 979 9796268908628
 = VVV VVV 979208095 06530979626 8 908730

4913 kHz, 28-03, 0600 UTC

V3DV 1948700 087149912881090080
 RPT 72219487000871499128810900800 K
 0226090899910007575117700
 965226090850800
 009653260904291000800 511800
 9652260908702
 9653260909402

5052 kHz, 28-03, 0703 UTC. M5GT wkg O5U8

O5GR 191 9985 0883251165 7 23450848
 ABV 19499850883251165723450848 AR

4317.5 kHz, 31-03, 0507 UTC, i.p.

722191870 0087 1408 9128
 ABV 722191870 0087 1408 9128 K SK

6784.5 kHz, 31-03, 0532 UTC

4RVU
 1922411096271724
 3004 093258724
 3006 096 53424
 24004569053 26
 2403453 9339511240380026
 2405 456236226
 3001 457802626
 30033553863511300390026
 2407862 639926
 2409765 49 89 511
 2409800 263004
 AR K

4913.5 kHz, 31-03, 0706 UTC, i.p.

8500083955306
 8500083955507
 8500082353308
 8500082353409
 51785007130511700
 850008235351019285001010 k

491.3 kHz, 31-03, 1258 UTC, i.p.

9530 0826552 59
5530 0916559 58
9530 0826551 1600517
9510 41045114 000821
9510 6551 01
9510 0826546 02
9510 0826549 03 5109510 15
9510 0826549 04
9510 0826549 05 5179510 4115511400
9510 0826542 06
9510 0836535 07
9510 0826535 08
9510 0826534 09
9510 0826534 10 5179510 4115511400
9510 0826711 11
9510 0826711 12
9510 0826712 13
9510 0826712 14
9510 0826713 15 5179510 4108511400
9510 0821775 16

M51a / M51b

M51b: 3881//6825 kHz, 10-03, 1445 UTC

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

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

UJDKX VBDJZ WNSHQ XVDKA OLQLP OKHNC VHFUR SHNXJ WVXHZ JSKZI
OLDJH VCJSU ZYDFS WBXJS 37281 KJNCG TGDHS 7359 / JNWKS YHDKS
OLSJU YHSPL WNDHZ CIAHV XVCGR AIKSP LIJFT 52847 GBWCV VCHFP
AIKDM SJWNX KAUID LSORV CHFZD WHNSJ AIKDP MIKJY HBFVG LDFCV
XBSKZ 63829 UJSLA BWJRY FLQPA MLJIT CHFUZ SBXJS UJQKA ZNWHF
YHDKZ SHXVC YHZKQ WBXJZ 53826 ZUJDL NBXJD YHAPS XVCJF 18548
YHDIK XBCKS ZUHDK WNXKZ KIOSL HNWJS THZLP WBXKS YHDGV UJSKZ
VXYRP SJXLZ WNXKF CJSUR CKSUZ WHNCP LXIET DGSUZ 36528 NBCVX
UJSKA ZUSFC XVXVX HNXJS IKWLZ OPAJB GVFBH JSYRT FGCJS KJDGS
6382/ JNCJD XYHRI SJZIS /4637 XHNDJ SKAPL YHDUT JKDGC BXNQK
YTSHA WBXJM XKLDU LDLDU BCHVN GBCJR XVCHU TIGLD UJDKZ 65382
BWJSU AKSLQ WPETD GVXJD JSKZI JDHCV XNSKZ

DHIQU VCGSH PELEO XAQEZ NCBDG MVNBT PTOTI BVNVE SWREG 02589
NCDIE .,VA'AR NCBDH MNLHK CXSDW ASQWE CVXBW LGRPO CBHYW NVVNR
45896 BCSHW .,?' / BCDHE LHPOT BCNDW XMKWU ASQVS NJDEF MFKED
VXSGW 47896 VZQAO .?,AS' MCDJU MVLOR ACQRZ NCDHE MBCND LGPRO
CDWRE NNCJE 74302 BCMAK .,/' = NVBXC NSWPO NDEYJ DJKET AXZVS
NVMRU LDPEJ WRSFU 43269 BCCPW ,AS.' / KDWIC SNSJW VZWPO LFMKR
DREGN MCEIS MCKDO AFQTH 01658 CAQMK ?.? / NCYWP ASQEZ NXHWY
BXWJK LFPEI CNMWI ZCVQT MVIEW 49635 VXQAU ,/?,' MVLPE QADTD
NDJEI CVDBE FKEIS QEAFY CBDFW VFLPE 41203 CXZBA =.AR'? ASQRV
NVDYE MCDEI BXBWH ALPQE BCDDY CBXBX MXWPO ?.,' / CZPLO 58023
SNHWY BDGWT XWEUD MVLEO XWTCN ASKEO DGETQ CBNSK 41123 LMPOI
?.VA,' QPALO BCGEY MXNWU VCHWI MVLRO SDQRA XZSBV DMLGS .,?' /
CXABQ 39856 VATYW IDOPW VXCZB LPFDO

GFDTE XVWBQ ABNHU EJJQP AMLIK WNQHZ SJQHS DGRTC XVQJA JUHKD
VCGFY RHQJA KWLQO ZTDFS 35271 WNDGR JQKIL PMAIU 67349 NWJDO
YHDTX XVSFE ZHQJA KJQUH NWJFG HRTYU SKLOI MQPAZ BHPAK UJDGC
45270 37658 XVCBD WNQHA JKQLA MPLIK JNDGR VXGQJ HDKRT UJFHV
BCNXH WJQKZ KALMP OIRTD FHCVX 01878 DHNCJ SKRTZ SJWNQ HNGTR
XCWWS QNBHA JQKAL MQLKO PAOQL NCHFG RTDFX WBQJH GBDJX

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

YETSR AUSHQ BWSJU APLMQ BWSH ETSFZ WCQJA UWKQI NDHRT XCWJA
MQKAU 26438 BXHDY ETXCQ WNBHJ EUIKL AMPLI NXXV SHATD WNQHA
UAYDG XVWBD XNQUJ 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

M51a: 3881/6825 kHz, 21-03. 0800 UTC

VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ
SAMEDI 5/LEÇON NUMÉRO 1/1 VITESSE 420 CODÉ =
CNDJE QATLD BVCNE ZMALO OWLPS SHDYE BNNXM AKQIU KFJEI 23658
VCSBS .?,AS VA IWQJ VXFSR AHQUS VDGWT SHGYW NCGET SAGQY VXTEU
11976 LMPHO /=.VA' BCGCS SALQO ZNXBS DJWUG SLOWP SNDNW SKAYU
PWOIE 89650 BXCSD ,AS.,/ CXRSY KOSPO BAERE BVNDJ LKOEI DGFWT
CXZVA NCBYW 32980 NVHEI .',/? AQPSL MXZNA LAPQI BCVSN SKAOQ
XMLJA SHQUX VCBSH 45873 LPFOE '/?AR. DKWJH BCNSJ CXGAE CBNSW
AR.,/' CAZQS 58236 FZDQH VCBHS LKQIE CXAHQ BCNDJ KSLQI NVBDH
XZKIW 25869 LMPOS ./?'VA ZAKLD OQPKX BVCNS MXJSI +

SAMEDI 5/LEÇON NUMÉRO 2/1 VITESSE 420 CLAIR =
EN ME DÉPLAÇANT SUR LES BASES AÉRIENNES ÉTRANGÈRES J'AI D'AILLEURS PU MESURER COMBIEN NOS HOMOLOGUES, QUEL
QUE SOIT LEUR GRADE OU LEUR NATIONALITÉ, ÉPROUVAIENT UNE VÉRITABLE FIERTÉ D'ARBORER LEUR TENUE MILITAIRE EN
TOUTES CIRCONSTANCES. AU SEIN DES IMPLANTATIONS MILITAIRES OU À L'EXTÉRIEUR, NOS CAMARADES PORTENT UNE
ATTENTION PARTICULIÈRE À LEUR UNIFORME AINSI QU'À LEUR COMPORTEMENT INDIVIDUEL. J'INSCRIRAI CET EFFORT DANS UN
SOUCI CONSTANT DE COOPÉRATION AVEC NOS PARTENAIRES EUROPÉENS ET DE RESPECT DES RESPONSABILITÉS ASSUMÉES AU
SEIN DE L'ALLIANCE ATLANTIQUE. +
CQ DE FAV22 VA

M51b: 3881//6825 kHz, 21-03, 0840 UTC

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

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

GDHQJ ZUSGQ WBXVD XNAIK QLANP XNWBD QJEUD AIKJU RTDGS DFQJU
PAMLK CNDYE ZISJW QNDHE AUZRE SGQJA KLP AU NXHDT RUSHZ QJUHR
JHBTR VXGRY 46278 QJAUH WTERS 10963 SNBXH RTDFS AJKIU YHSTR
UJYHT DFSRZ 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 DGSUJ JKLUY TGFVC

HBCGD QJAKL QMAPL NWJDG ETSDA BWHQK AIKSG DFXCV DPLAM WNGHC
XBDUE IKDHS XVWHQ AOLZP MQKJU NCHDF XVWHE SYHVG DHSUA ZNWJS
83725 JSJET 37627 QJNXV CHZRS WKQIJ ALMPQ HNCVX HDUJR MLQOA
NXJWC SHQYT RIZGF VXBSU AJSKQ WNHUA ZIKSL QMNJK XVCGR PLAQJ
NBCHF XHSDW ZTAGF 34267 XVWHQ AUJSD XVCLK CBXGD OLAUJ NVXBD
SFAJU HWCSJ QKLAP MNJKG VBXHD WCGFS WFRZ

POMPO WFUGJ VNDKE AQPOD NVHDK WTDDB ZMCNB DJEIL POLIU 36521
XLPKO AS.,?/ ZCXSA CDGET NVIUQ ASWOP FJEIR LFKJW POEIQ SKEIW
20309 XMAKQ ., '=' CBDHS AZNSJ NCAPY AQNRY SWIDF ZOEPL CNDKE
RWODK 85236 XANQU .',/? DJQEI AJDKO MCNDH SXZCW HCUWP LDOWP
AZNQM EIDKQ 17890 AQPDL AS,VA,' AQPOM CNDKW XMAKW DLWPO XMZNS
KDSL P WIDAM JAMER 18973 CMKUI ,.AR?. LAOSW JDIWH XZNSJ BMNEO
RITOF WEISJ SLWOD CBZMA 32698 MLOY P ?/. ,AS XZMSN JDGHE DHWIL
APQOW CBAJW MLKSI ZXNWB DKOLP 78512 FGHEI 'AS/VA? AQPWO CNDJW
ANDER MORN I PLOFE XNSIW AQOKS XBNWI 98652 BXAIQ ,?. '= MAGDA
LORGH BIDUL WERTY ALPES XCBWU AQKDI NCHSI ,.?' / CMFAQ 36980
AQPOL CMVNE VJCME ZWERP LFKHM VBCNW AQISG CBDNI 30258 JFYRT
'VA.AS, VNMRO FKSUW FDP I E VXSFW NBMRK LHPYO CZAXQ VDTAF QFATH
47596 CZAXQ ?.=,' BXSJW JFCDI LHPOT

XCWVQ AGBWH QJAKL QNWJE SUJAI KQLAP MQNHB XVVHD SJQKA ZUSHQ
 YH DUH WCXGF QJAHL QJNKW EUHSI AOLQP AMIJD XBWGR OLAPM QNWBD
 XVSGR 35289 10378 SJNXV CHBFG RTSUJ AIKQL WMQPL NJKQI ZYHDG
 SJQKA LWMP L CHDFV WVSZD QHGYR QKAIJ WNGOP AMLIF UYUYT GFBCB
 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 APMLD
 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

PAKDF DBWHQ AJNKQ WLAMP LKIOU GBDHS ZTQDW XVSHZ AHJAJ WJSUG
 OALKH BCFVG DGXIU ZJFKA WJQKA UJHWK QLAYT 36281 XNSHQ AJKAW
 LAGHD LSJQU ZUTGS XVCKS WBQKA UJQKA WBDHS 36810 XNCJQ AJWKA
 KQHAU HNDJS XNWJQ AKLQO APMUT DBCHX WNSHE 37856 QBWHA JQUAG
 LOUJG BCHXT DGSUA WNQJA UHDSG XVCJQ WNJKU RISKZ QKLAY BVXHQ
 KJGFD XVWBS 18738 SJHTG 26748 WNXBD QGAUJ QJCLI OLAYT DGAIM
 MLSHQ VXBDG ETZFS AHBWJ BXJFC SJKUQ WNGBD XCAUH QKJAY ZTDKL
 QMAPO IKJNB VCHDT 46893 SBWNG QHAJY HDGST ZBXJS WJNKL QMAPK
 BNHYT UJGRD CWVZU QNBHJ AKQLI OJIUY DHVBC 46207 DHBCJ SNXHR
 SJAKU KQLGN BVCXD WBSGR SJAGY 35276 BXHDG RTSFZ WXQCA NJKQG
 WNVGR 76354 //653 SGBCJ SKAUH WBVDG SNJKQ AUJGF CBXYR SHAOL
 QMAPK UJBHG XVSFZ QHATG XHSUJ WBSGZ 37549 NXBDG QJAUH XVCJD

M51b: 3881//6825 kHz, 29-03, 1005 UTC
Non-stop 5-character groups composed of M51a messages.
The spaces between the messages were not transmitted but entered afterwards.

JNDHE VXGST AUZRS QVWGS ETZYA GFVCH SNWJU AIKSL QOLAP QNBWH
 SGTDE IKJHF BCGFT 34265 89106 XBDGE SJNWK QKAOL QNHUY UJIHY
 NBCVD XGSTZ ATQYA WHBDU ETSTR DKDKS BXJEU SJQKA ZIKSO KQLAP
 NJKSF XGDTX WQHZ AHUGF CJNDG ETZUS KQLAI NCHDY XCDGE UJFGE
 26479 CGDFE XHQYE DGXUZ AJNHD XCSVJ SHLOQ ALKIJ NHYRT OLAIK
 NCJDK SLAPM NHDJF CGVET SHQUZ NXJSU AIKSH BCHDU ZIJQK LQMAI
 NCJDG FVCBX WNQJZ SJAUY 46528 JSUEY SQQSA 27845 AJNDH IKAOL
 WXCSC QMAPL NKCXB DGETS AHSUE BXNWJ SHUTE DURYH FGCYX OLAKJ
 BHDGR XGSUK ZRWBC VHFUV CNXJF GUJRT DHXUE SJZKS XBWJQ IKHTG
 VSDQH ZUJAY VXBWG 42763 89210 75648 HDBXF RVCHS ZUHJQ OLDGR
 BCHSU YDTFV CVXGD SHGVC BXNHA XHWUE ZJSKQ HTRGF BDHVB IKHBG
 CHSTR DFSTF DGERF ZYSFW XGDCB QNAJH CBDUJ RTDGS WJHUY

CXVDG SHQJA WBQJA NJKIU RTSGZ QHAUJ QNWJE ZUJAI QLAKP MQLAO
 YTGFT 45287 EHSQA WBSGQ WJUKL AMPLO QNJKU WNHET SGQHZ AJUHS
 67489 18624 ZBWCV QNAKL QMAPL KJSGR XVWBS QBAJH WNQJU NWHUJ
 AIKOL QLAMP KIAUY WBSGE WJQUA IJAUY QKAOL QMAPO LQORT DHXVZ
 UJKQG AYTGH WBQHZ SHAJK QKALP TRZUI QJKAM BXVSC WHQKA KLQPM
 LKAYG 56387 XVSGA WNQJA KLQMA JKQLE ZUHSJ APLOK WNBGF DJSKA
 KLAMJ BHGCV XGBWH QJAKI YHDUR STZGA QHBWJ QJKAU YTGDN 46287
 KLAMP JKQJH BCFVG XNWBQ AHJKU RTSGA WHNQK SJAUY QKALM PLKJH
 QNBDQ AVWHJ QKALU YHFGR 38721 AYOPM 90176 XVCHF WBQNJ ALKAI
 OLAPM NCBXW JSHTD QJNHG CGFTR AJKHU QKALP MLKAY DHGST HQJAU
 OIAJN ETDGS WNQHA 27654 QBWND AJZUH DGQMA HJQKA IJNHY CGDHS
 MAPLK BXGDT 19873 5A176 NXVDG SHAJK LQMAP HDGTU

GVXHS WNQHA IKDLS MWPZY DGSHA NWJDU DGRUJ WKLSN NJWKE UJSHZ
 OKHJD BXHRT 36271 IUJFG CBSJZ WHNSL KOLWM AUJDG XBCFV WHNSK
 OLMQH AYHDG XVCFD BWJZU XIDKC XKJDU HNDIC VPMRY 65378 KLSGQ
 WNBBDH XVCUR CIKDL PMSVR XVCHF YHFKS ZUYHS 56372 BWVDY IKDHY
 XBCJS GBWJZ UJWKL JKDBV YHCIR YHXVF GBFYR DFSCZ UJVFC FVCHD
 FKSLS WCFV HNFLA PHFCT WVXHZ QJHAU 67354 BXHDY WBXHZ GFCUJ
 SHRTF CJGUH 10964 GBCHS WBXUY TGDJZ 652/3 BXHSJ WKAPL PMDHV
 BXGRT DFXCS JNCGV YHXJZ JWKAO KLWUY HNCRD XVCHZ YHWJZ PLGCV
 TGXLA PMWJD WFGRT CJSIZ WNXGD YHDGV 64829 IKFHC BXHDL VHUUJ
 VCXGR YHSPA PKLDU LWJDY GHFUC VXYRT DGSZH LKFHT KHDYT XVDJK
 10746 GBDXJ KSHKH KDPAY GXVDJ WCXJR UJDKA VWBSH AUJDO LQMAU
 64382 HBWMD JSKZU JQKAL PMWJB

GHDJA QJAKI HNDKZ WKQLA ZPMQH DGEUZ XBCVF WBQJH SJAUL MQHDF
TGDHN 26483 SHBXJ SKQLZ AMPLU JDGXC WBQHZ AGFHC KUIOD XHRIL
UJFOR SGXHW 46201 KSJFY XVSJZ LAPMS HWCXV RBSHD KLAUH YHDKZ
WBCVX CHFYD ZUJAK 28678 JSKZI WGPCZ SKLQB WNDHR ZUYHF OKSLZ
WMQHA WCXHD RTDJS WNCHD SUJRG ZJSKP PMQHF NBCUH PHJDF XVWHR
10735 XVDFZ WHNAY 76382 KQNBX ZJAKO WUJRD XVSJZ

PLDHS BXJZU QJAKA UVFGR SJNWK AIKDL SPMAO XNCVF XHNCV SHZUJ
PLDHS WBXCS VAUJD FVXGR SHZUJ QKALP KJHNB 67352 IUJHG BXNDH
YHDKZ WBXVF CJERZ QJAKO MLDHB NWBJU 67354 IKDHX 65372 NWJAL
PMHBN XCFSB CPAMK WNSJG VCURT FVXJS UJSKZ WKALP JNBCH TGDIK
UJFHB NXJSF CVFRD XVCBF ZKJSU 637/2 89167 GBCJD UJDKZ WMLON
PMFHC VXJZI SKAPL NXJFY WCXV SHZYU QJAIK 76491 NVXBF YHFKC
PLKHB NJKSI SLZUH XBCHF YHYTG XVCHD KSHET AVBCK VBXHZ 65371
IJDUY XVDGZ WNXCV SHAUJ WNBXU TGDHZ IKSLA PMWNV XHRTZ BWNSJ
OLFHR VXBSY 35281 WNBXH ZUJDO ALKDH BXNFT WCXVA ZKSLP WMNJD

etc. etc. etc.

M89 - Chinese Military

3346 kHz, 07-03, 1433 UTC, i.p.

R IEC SJU7 AR K
R IEC SJU7 AR K (Exercise related)
R HR 7G GA K
R 7G NR 066/EX CK 91 68 0308 RMKS 0547 TO 0539 K
RMKS 0547 TO 0539 RMKS 0547 TO 0539 K
R MSG 01W = A36N 4U7. (Cont'd)

4119 kHz, 07-03m 1413 UTC, i.p.

R IEC = 2538 AR K
R KP
VV J1RS DE H7VL K
R QSA ? K (1414z)
IEC = 2521 AR K (Exercise related)
R KP
VV K5YS DE H7VL K
R QSA ? K
R
IEC = 2536 AR K
R KP
VV Q5QH DE H7VL K
QSA 1 QSA 2 KP HR F GA K
R F NR 7424/EX 2217 RMKS CQ =
T6K = EEEEE = TBK/WSF AR =
TBK/WSF AR K
R HR MSG GA K
MSG NR 7425 CK 200 46 02 EEEEE
MSG NR 7425 CK 200 46 0307 2200 RMKS CQ K
MSG 1P = =
3.D4 A5T3 UTA7 64UD N5UT DT4A 3U7N A65T DU5N 4N36 (Cont'd)

5120 kHz, 11-03, 1001 UTC

G1JY wkg DXGI EGRT 1J9W 279B T8D6 5AUH
The outstations respond using callsigns X2C4 65IO B4BX 47D2 4X8U
MSG NR 0324 CK85 ... 03 11 1800 RMKS CQ = 4chr groups message

2978 kHz, 16-03, 1407 UTC, i.p.

3643 U47D N6T3 NU4D AR QSL ?

HR WKR NR 037

OK K

HR VVV JGHD DE 1U EEEEE

VV JGHD DE JU4L K

R K JTDE DE SBFR R QSA 3 QSA ? K (Both stations on this frequency)

R QSA 3 IEC = A EEEE (Exercise related)

R QSA 2

HR 7G EEE VVV JGHD DE EEEEE

VV JGHD DE JU4L K

R KJMT DE SBFR R QSA 3 QSA ?

R QSA 3

JGHD DE JU4L K

R KJMT DE SBFR R QSA 3 QSA ? K

R QSA U EEEE R QSL EEEE QSA 3 IEC = Q2SDET EEEEE

N QSA 3 IEC = Q2S.9 EEEEE

VVV JGDD DE J EEEEE

VVV JG5D DE JU4L K

= = = A 46D7 NUTN 7647 TNAN 5TDN 4DU3 A7T5 NK ? ND7T 467A U436 N3DA T6N6 T744 55D3 33T6 (Cont'd)

5751 kHz, 28-03, 1108 UTC, i.p.

/EX CK 21 24 0328 1900 RMKS XI5Q TO DTIBX =

5T3A 5N4A 46DN 6UN3 547U 35TN 547D 564T TUND TTTN

AD6T D6U3 37DA 4U3A DU34 3AND 5T6U 65DA D4AU 37U6 DTN7 AR QSL ? K

R QSL 1910 HR MSG GA HW ? K

R PSE GA K

R HR MSG GA PSE NOTE CY NR 0009/ EEEEE

NR 0009/EX CK 21 24 0328 1914 13IBX TO XIHQ =

5T3A 5N4A 46DN 6UN3 547U 35TN 547D 564T TUND TTTN

AD6T D6U3 37DA 4U3A DU34 3AND 5T6U 65DA D4AU 37UD TAN7 AR

HR VCGA XI5Q 1910/711QSL ? K

R RPT TIME K

RP TTIME K

RPT TIME K

R RPT PBL TIME K

R RPT PBL TIME RPT PBL TIME K

R HR 72 HR 72 HR M2 DT

DE MS=

RWZE6T YMS= Y K

R VVV 7=Y 7=Y 7=Y 7=Y HR 7U HR 7U HR 7U K

R RPT PBL TIME ? K

PBL TIME ?

R PBL TIME 1914 K

R NO NO TIME IS 1900

R TIME IS 1900 K

R TITE EEEEE R TIME IS 1900 K

R TIME 1914 K

R TIME 1914 K

R PSE U CRT EEEEE R PSE U CRT TIME K

R PSE U CRT TIME 1900 K

R AS

R CRT PBL TIME 10 ? 1900 K

R RPT PBL TIME 1900 K

R QSL 19U ? R QSL 1932 BOZ NIL SK GB

R QSL 1932 BOZ NIL VA GB

SK GB

6856 kHz, 28-03, 1054 UTC, i.p.

4N57 UDNT UD7T U5NN U5N6 AR K
R RPT 36W = N3T7 N3T7 AR K
R GA
R GA
RPT 26W K
R RPT 28W K
R QSL 1858 QSL 1858 K
WK

5751 kHz, 28-03, 1108 UTC, i.p..

/EX CK 21 24 0328 1900 RMKS XI5Q TO DTIBX =
5T3A 5N4A 46DN 6UN3 547U 35TN 547D 564T TUND TTTN
AD6T D6U3 37DA 4U3A DU34 3AND 5T6U 65DA D4AU 37U6 DTN7 AR QSL ? K
R QSL 1910 HR MSG GA HW ? K
R PSE GA K
R HR MSG GA PSE NOTE CY NR 0009/ EEEEE
NR 0009/EX CK 21 24 0328 1914 13IBX TO XIHQ =
5T3A 5N4A 46DN 6UN3 547U 35TN 547D 564T TUND TTTN
AD6T D6U3 37DA 4U3A DU34 3AND 5T6U 65DA D4AU 37UD TAN7 AR
HR VCGA XI5Q 1910/711QSL ? K
R RPT TIME K
RP TTIME K
RPT TIME K
R RPT PBL TIME K
R RPT PBL TIME RPT PBL TIME K
R HR 72 HR 72 HR M2 DT
DE MS=
RWZE6T YMS= Y K
R VVV 7=Y 7=Y 7=Y 7=Y HR 7U HR 7U HR 7U K
R RPT PBL TIME ? K
PBL TIME ?
R PBL TIME 1914 K
R NO NO TIME IS 1900
R TIME IS 1900 K
R TITE EEEEE R TIME IS 1900 K
R TIME 1914 K
R TIME 1914 K
R PSE U CRT EEEEE R PSE U CRT TIME K
R PSE U CRT TIME 1900 K
R AS
R CRT PBL TIME 10 ? 1900 K
R RPT PBL TIME 1900 K
R QSL 19U ? R QSL 1932 BOZ NIL SK GB
R QSL 1932 BOZ NIL VA GB
SK GB

6856 kHz,28-03, 1054 UTC, i.p.

4N57 UDNT UD7T U5NN U5N6 AR K
R RPT 36W = N3T7 N3T7 AR K
R GA
R GA
RPT 26W K
R RPT 28W K
R QSL 1858 QSL 1858 K
WK

4860 kHz, 30-03, 1054 UTC, i.p.

75DT T3UT 3AD7 55D7 N37D II = = =
T7N4 A74A N3NT N745 (Cont'd)
II = = = = 3NN7 7AA5 UDA3 3D6U 6NTT (Cont'd)
II = = = = 6N43 UTA6 34D5 7D73 DT4T (Cont'd)
II = = = 547D T3T7 5N4D U63T 7DDU (Cont'd)
II = = = AA76 7D54 A3N7 367A (Cont'd)
II = = II = = 77DN 4336 37D3 5DAT (Cont'd)
II = = = 4A4T UU5U AAT4 (Cont'd)
III = = = D43A A3D5 47A4 6A46 T67A (Cont'd)
III = = = 4TD5 DAUT TTT6U (Cont'd)
III = = = N II 465NNA 77DU A3T6 4NT4 7735 (Cont'd)
III = = = TUDT 6ATT UAN5 D4AU UU5A (Cont'd)
III = = = TUU5 554A N5 ? N5DD T4N7 TNU3 (Cont'd)
III = = = 3555 A353 ADT3 46D7 UA7A 673D (Suddenly stopped 1147z)

7125 kHz, 30-03, 0836 UTC, i.p.

R HR WK NR 22 K
R HR WK NR 340 K (Both stations on this frequency)
R OK SK SK
R OK SK

M90

4852 kHz, 17-03, 0702 UTC

Net control XVSQ wkg outstations CQXJ PBFJ K6ZJ MXV5 E5BJ TSXS
Collective Callsign: HR3H
Comms checks and messages: INT ZNB 09125 ZBO K R 1000B ZEU GR10 5LG-message
XXX APOLO 530 RELAX 692 REPAS 389
HR3H de XVSQ 083 ? 083 KAll

M95 - Chinese Military

4243 kHz, 06-03, 1143 UTC. Q26: 4+4 QPSK 75/3000 LSB. Messages

4243 kHz, 06-03, 1145 UTC. M95: CW

VV HR 7G TO YR PSE CY
NR 046 CK 24 35 0306 1518 =
5AA UTT TT6 3U6 3A4 5T7 5TD N445 N44 5AA
75U 354 373 4TN 446 3DU 346 N3U 445 3DA
4D6 N3D 4D3 AR
A HR 7G GA
NR 079 CK 18 35 0306 1613 =
UT5 TT6 3U6 3A4 TTA TTU TT3 773 354 37U
36U 4AD 446 33U 34T 445 4D4 3DA AR
A HR 7G GA
NR 12 CK 267 35 0306 1716 =
UTU TT6 3U6 3A4 TTU 773 354 373N3D 353 ...

5479 kHz, 11-03, 1031 UTC

YHXD YHXD YHXD DE SAQC SAQC
VV HR SVC
NR 076 1830 RMKS 9684 TO 9897 =
CL/1900/ZBT/9684/9897 AR
QSL ? HR WK NR 120 K
YHXD YHXD YHXD DE SAQC SAQC

7553//9153 kHz, 16-03, 2020 UTC. XSV70 i.p.

NAU N6A N3U TU7
MSG AGN
NR 7 CK 29 49 0316 1700
3A5 6D4 TU6 6T5 4TA D4U TU6 N56 T36 767 34A (Cont'd)
A HR MSG GA
NR 226 CK 125 35 0316 0707
466 UT3 TA6 3U4 3A4 TT4 773 353 U46 35A (Cont'd)
MSG AGN
NR 226 CK 125 35 0316 0707 (Repeats message)
ZNN SK

10722 kHz, 26-03, 0829 UTC

YHXD de SAQC V
HR SVC NR026 1630 RMKS 9684 TO 9888 = CL/1700/A414/8854/9817 AR QSL ? K
YHXD de SAQC V

8707 kHz, 27-03, 1024 UTC, i.p.

N7DN DAT7 4U5T 4U35 NT34 ... AR
VV J5CY DE BJ9X K
R DBMD DE NDCB R QSA 2 QSA ? K
R QSL ? K
R RPT PBL K
R RPT PBL K
R RPT PBL K
R PBL NR 676/CCK CK 99 08 0327 1800 RMKS CQ K
R QSL 1826 K
R QSL ? 1816 K
R OK
R HR WK NR 320 K
R HR WK NR 0033 K
R NIL SK
R NIL SK
VV 5GIK DE BJ9X K
R DBMD DE NPH. QSA 2 QSA ? K
VV HGIK DE BJ9X K
R DBMD DE NPH. QSA 1 QSA ? K
R QSL ? K
R QSL 1817 K
R HR WK NR 320 K
R HR WK NR .6 K
R NIL SK
R NIL SK
VV TV6K DE BJ9X K
R DBMD DE L2YC R QSA 2 QSA ? K
R QSL 2 IEC = 1469 AR K (Exercise related)
R = 3096 AR K
R QSL ? K
R QSL 1818 K
R HR WK NR 320 K
R HR WK NR 0125 K
R NIL SK
R NIL SK
VVV UYV8 DE BJ9X K

VVV UYV8R DE BJ9X K
R D.. QSA 2 QSA ? K
R QSL ? K
R QSL 1820 K
R HR WK NR 320 K
R HR WK NR 0626 K
R NIL SK
R NIL SK
VVV FD0. DE BJ9X K
R QSL ? K
QSL ? K
R QSL 1820 K
R HR WK NR 320 K
R HR WK NR 07. K
R NIL SK
R NIL SK
VV 0G4J DE BJ9X K
R DBMD DE U5.. QSA 2 QSA ? K
R QSL ? K
R QSL 1822 K
R HR WK NR 320 K
R HR WK NR 080 K
R NIL SK
R NIL SK
VV GXB4 DE BJ9X K
R QSL ? K
QSL ? K
R HR WK NR 320 K
R NIL SK
VV UYV8 DE BJ9X K
R UYV8 DE BJ9X K
QSY TO 04 CHAN K QSY TO 04 04 CHAN K
QSY TO 04 04 CHAN K
VV UYV8 DE BJ9X K
R QSL ? K
R HR WK NR 320 K
R NIL SK

4243 kHz, 28-03, 1145 UTC, Q26: 4+4 QPSK 75/3000 LSB

4243 kHz, 28-03, 1148 UTC, M95: CW

V HR 7G TO YR PSE CY

NR 090 CK 45 35 0328 1541 =

5AA UTT TUD 3U6 3A4 5T7 5TD 75U 35A U4T 353 4A3 ...

AR 7G AGN

NR 090 CK 45 35 0328 1541 =

AR A HR 7G GA

NR 56 CK 117 35 0328 1545 =

UTU TUD 3U6 3A4 TTU 773 35A ...

4364//8073 kHz, 28-03, 1135 UTC, Q26: 4+4 QPSK 75/3000 LSB

4364//8073 kHz, 28-03, 1138 UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)

HR MSG GA PSE CY

NR 02.0 CK 3

NR 02.0 CK 301 35 0328 1608 =

TUD 3U6 3AN ...

4243 kHz, 29-03, 1143 UTC Q26: 4+4 QPSK 75/3000 LSB

4243 kHz, 29-03, 1148 UTC, M95: CW

V HR 7G TO YR PSE CY

NR 092 CK 28 35 0329 1514 =

5AA UTT TUN 3U6 3A4 5T7 5TD 75U ...

AR 7G AGN

NR 092 CK 28 35 0329 1514 = (Repeats message)

AR A HR MSG GA

NR 58 CK 122 35 0329 1537 =

UTU TU. 3U6 3A. ...

4364//8073 kHz, 29-03, 1130 UTC, Q26: 4+4 QPSK 75/3000 LSB

4364//8073 kHz, 29-03, 1140 UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)

HR MSG GA PSE CY

NR 0272 CK 258 35 0329 1557 =

TUN 3U6 3AN 3U7 TAU 773 TA7 773 357 373 ...

UM03 - Chinese X2M net

7920, 8250, 8410 kHz, 11-03, 0030 UTC, X2M i.p.

11 11 CK 100 CK 100 TIME 1937 TIME 1937 DATE 1103 DATE 1103 =
BQSKZ UWLOD MODFV PSJYB ZOQFI XZCRU DSUJM PEWYN WQFIX (Cont'd)

8250//8410 kHz, 16-03, 0930 UTC, X2M i.p.

19 19 CK 100 CK 100 TIME 0429 TIME 0429 DATE 1703 DATE 1703 =
ETWLN WLDF ODSJY JZBQS GUJLA MBDSV THWYN ZOQFI ...



Radar reception site in Kovytkino, Russia © Google Earth

RTR RTR RTR 46
RTR RTR RTR 46

QWK QDG2 FM 0600 TO 1200 QSY 14451/13512/11567 QSW 12121/11640/10327
QWK QDG2 FM 0600 TO 1200 QSY 14451/13512/11567 QSW 12121/11640/10327

QRU QRU SK SK

7377 kHz, 25-03, 0830 UTC, Baudot ITA2 75/100

RTR RTR RTR 1/200 RTR RTR RTR 1/200 RTR RTR RTR 1/200
46
RTR RTR RTR 1/200 RTR RTR RTR 1/200 RTR RTR RTR 1/200
46
RTR RTR RTR 1/200 RTR RTR RTR 1/200 RTR RTR RTR 1/200
46
RTR RTR RTR 1/200 RTR RTR RTR 1/200 RTR RTR RTR 1/200

11100 50332 14789 25040 02009
12510 94482 47039 47249 80185 53053 27086 14593 08221 28614
75858 83524 29278 71271 52854 71322 03751 27987 92856 26772
24957 87295 23277 85677 40445 04596 84365 40533 44104 82435
19388 60289 18760 .7248,27049 21165 33949 16963 93295 34416
28538 22932 44707 82026 32946 44610 90646 96245 0053+ 04/&/'86'28-)'903
22963 63305 54332 01455 49175 34194 45680#31616 12640 37173

OXG RHXFF11/QSY RYRYRYRGCJKRYRYRYRYRY

RTR RTR RTR 46
RTR RTR RTR 46
HTR RTR RTR RY
RTR RTR RTR 46
RTR RTR RTR 46
RTR RTR RTR 46
RTR RTR RTR 46
RTR RTR RTR 46
RTR RTR RTR 46
RTR RTR RTR 46

46380 43903 22963 63305 54332 01455 49175 34194 45680 31686
12640 37173 09456 98011 96611 94451 61375 77307 52060 68766
29537 57228 27961 33583 36209 78639 28568 86401 73820 85329
27848 98733 15080 66300 94277 40728 66766 95703 08174 04681
59189 22587 73757 25056 64490 01311 57138 78951 01812 12150
04393 95266 57331 28134 19517 63193 40045 64801 56923 13465
71945 48788 08180 70785 85905 66219 87618 00898 54754 76809
46870 00711 35672 04628 71927 04938 97120 41464 44223 07670
20467 23725 68614 22330 93511 68802 99040 28449 38093 81861
16174 78683 38962 68961 36817 64540 66120 17475 59718 64213
07788 29722 77509 21004 56221 20767 09431 25730 13540 16312
34563 01589 09759 11630 30213 14888 5022

RTR RTR RTR 46
RTR RTR RTR 46
RTR RTR RTR 46
RTR RTR RTR 46
RTR RTR RTR 46
RTR RTR RTR 46
RTR RTR RTR 46
RTR RTR RTR 46
RTR RTR RTR 46
RTR RTR RTR 46

34563 01589 09759 11630 30213 14888 50223 77462 45183 60099
34619 23833 62580 92669 14754 57709 31862 08011 83298 95445
74815 90134 10668 15952 95146 78339 72239 65521 46365 25410
33087 50256 37667 45756 82420 77026 82485 76929 34926

QRU QRU SK SK

As you can see they had some problems with the transmission.
I stitched the parts of the message together to get the complete message:

11100 50332 14789 25040 02009
12510 94482 47039 47249 80185 53053 27086 14593 08221 28614
75858 83524 29278 71271 52854 71322 03751 27987 92856 26772
24957 87295 23277 85677 40445 04596 84365 40533 44104 82435
19388 60289 18760 .7248,27049 21165 33949 16963 93295 34416
28538 22932 44707 82026 32946 44610 90646 96245 0053+ 04/&/
86'28-)'903 22963 63305 54332 01455 49175 34194 45680 31686
12640 37173 09456 98011 96611 94451 61375 77307 52060 68766
29537 57228 27961 33583 36209 78639 28568 86401 73820 85329
27848 98733 15080 66300 94277 40728 66766 95703 08174 04681
59189 22587 73757 25056 64490 01311 57138 78951 01812 12150
04393 95266 57331 28134 19517 63193 40045 64801 56923 13465
71945 48788 08180 70785 85905 66219 87618 00898 54754 76809
46870 00711 35672 04628 71927 04938 97120 41464 44223 07670
20467 23725 68614 22330 93511 68802 99040 28449 38093 81861
16174 78683 38962 68961 36817 64540 66120 17475 59718 64213
07788 29722 77509 21004 56221 20767 09431 25730 13540 16312
34563 01589 09759 11630 30213 14888 50223 77462 45183 60099
34619 23833 62580 92669 14754 57709 31862 08011 83298 95445
74815 90134 10668 15952 95146 78339 72239 65521 46365 25410
33087 50256 37667 45756 82420 77026 82485 76929 34926

16350 kHz, 28-03, 0730 UTC, Baudot ITA2 100/500

Russian Intel, Chita with a message to Moscow. 5FGs + 11100 80104 85236 28016 05003 and 5LGs

14907 kHz, 28-03, 0745 UTC, Baudot ITA2 100/500

Russian Intel, Moscow with a message to Chita. 5FGs + 11100 80104 36541 28016 05009 and 5LGs

16350 kHz, 29-03, 0730 UTC, Baudot ITA2 100/500

Russian Intel, Chita. Opchat and messages

14907 kHz, 29-03, 0750 UTC, Baudot ITA2 100/500

Russian Intel, Moscow. Opchat and message

M42b – FSK 50/500

Quite some M42b logs this time. Many from F5JBR and the 12121 kHz logs are from AB.

Note:

Operator chat in CW. Messages in FSK 50/500

5731 kHz, 12-03, 0925 UTC	L2RS wkg KE4T
6836 kHz, 12-03, 1106 UTC	KWLO wkg outstation
5801 kHz, 12-03, 1109 UTC	RTXI wkg ULRS
6126 kHz, 12-03, 1112 UTC	LDPV wkg OPQU QSA NO QSY 41020
5062 kHz, 13-03, 1004 UTC	KWLO wkg KPGL. QSY 87743 QTC1
5833 kHz, 14-03, 0620 UTC	ZE4A wkg EBCW
7514 kHz, 14-03, 0645 UTC	LKDW wkg PRAT. QSY 20851 QSA4 K QTC1
6776 kHz, 16-03, 0908 UTC	PJNE de WYGL QTC1 i
7041 kHz, 16-03, 0939 UTC	DJRG wkg OPGC: QTC1 in CW, message in FSK 50/500, QRU NIL SK 73 in CW
4023 kHz, 17-03, 1538 UTC	L5DS wkg M8SK. QTC1 937 11 17 1537 7647 FM 95433 FOR 91519 5FG message QRU NIL SK

37644 71372 37594 80544 99251 61324 83137 18338 94375 46549
51325 39810 55484 76177 96770 37828 20899 86819 02499 02387
89991 97284 47295 26126 94492 83868 75893 24001 40595 09642
39180 03050 01554 06188 96601 43200 65456 31209 97973 75044
67860 50455 86865 65528 63979 17406 92759 47486 20104 49141
04163 53959 28958 21848 39867 43240 78656 34383 60541 25573
29975 13347 87836 27459 81596 58097 23207 54488 28048 49144
83623 38646 39983 68352 96361 81038 21532 04409 20068 25951
24378 41978 84282 27206 23265 57980 64599 92730 82619 73442
35665 18299 68967 34354 69197 46353 88845 19960 69204 10881
56887 01932 61607 54248 23769 02863 80434 26953 18707 27508
17796 06218 86197 65220 29809 94378 21681 87015 15668 82986
35812 85702 12045 81423 00000

10861/8187/6939 kHz, 09-03, 1015/1025/1035 UTC

77915 01630 48122 03126 30523 52781 32242 04497 36064 48028
16784 21771 60375 84983 06976 41895 17280 03152 27269 96773
89506 07263 31758 84104 76655 25860 90870 69572 49904 03580
46511 31328 18141 50558 52851 32683 35208 97404 44950 33972
02946 29183 02399 79507 49730 96830 00165 20573 89182 29454
63838 60387 88735 95946 71457 31978 02769 89355 69096 44908
49958 32447 92427 61777 39575 27888 11408 90455 76378 01508
40311 02977 98821 12053 80276 17019 30244 25894 86561 00935
47730 80099 77691 88244 98346 82335 28690 12540 17417 21015
15581 98742 28542 84139 03348 71638 30046 10269 94529 67642
97527 20058 80664 60717 57226 01801 63735 38394 09862 49406
39835 88828 09660 76267 62221 84825 28237 53430 25953 75777
58038 45532 41298 23447 35009 42921 88096 42542 85196 13409
68271 32004 24964 22087 98665 07963 69503 92651 11407 74285
29343 08665 53969 91664 99519 78199 06140 31174 71121 10293
56058 23239 19886 76665 02534 37954 51524 57121 75812 57677
08481 92083 93995 27865 67803 90688 97279 97044 84812 67896
27232 81906 62261 09029 43256 18413 49670 85199 93464 84893
02525 68046 82126 08040 56023 17234 00888 87758 93065 39129
15948 01799 11166 40126 28380 76110 17978 23017 49786 31858
10122 99883 60467 45035 14999 19919 42304 79610 00286 35634
03532 80152 80782 55879 37594 34855 77325 59119 83271 44920
07424 65397 78264 61221 12333 90435 23416 74189 50232 30292
99776 67858 10215 50029 05681 74009 26754 74819 06033 87353
99350 06934 10986 27680 47046 17041 26208 59920 52483 83267
41910 08059 75202 76441 52837 23825 38871 14973 26404 96114
22122 37793 61154 12065 07687 68807 02753 05733 69534 71276
09673 55301 02665 15589 85786 14769 25278 08844 22028 91037
07997 59686 14338 02357 09817 76838 50056 79048 25488 24760
79958 92457 74014 84864 18135 23059 82946 95757 36875 03668
48163 70899 48770 98676 73837 17154 93203 05275 22253 02661
69427 87570 28181 47444 83406 79561 57494 35230 00621 17897
14699 69882 22009 90355 29093 24912 25249 10986 74212 59481
38555 57842 00275 99358 39181 34264 84293 06247 93820 39615
27558 83929 83090 60442 55162 94673 77276 17979 97275 84316
55544 32935 56833 39489 85792 93507 93349 25403 07336 37550
77517 77641 83608 84846 96314 46388 17074 80411 13268 16545
43535 34769 13593 52150 48015 72141 88878 38570 69421 22481
41014 20864 86152 18292 10035 61789 99863 82173 55591 67869
59551 16022 46708 56964 93166 27830 39543 65786 38932 57026
47809 20791 93553 84279 35570 20885 19512 36719 87082 05392
78628 24501 33375 05701 84084 69659 40256 04057 88085 13179
87435 47903 47360 11233 93441 93237 33673 56509 66031 75409
81549 85582 82778 82433 00000

10861/8187/6939 kHz, 10-03, 1015/1025/1035 UTC. Two messages

01058 32578 42673 43037 56435 16989 90916 58086 15204 00211
12811 90911 68257 70968 98240 97256 00936 64038 36488 75556
40550 66635 91934 64199 36432 87408 92750 03724 64688 48956
37264 87399 74851 89828 47686 48626 20606 86928 25894 58579
41795 34268 90947 32556 89875 39008 03036 68441 14019 20715
03529 65748 50049 24790 25844 98659 79392 85979 56784 41505
50243 02938 53067 70126 78111 09748 42706 87554 67971 55364
65946 47439 25158 26891 35444 73673 47236 77658 20361 99644
14010 46013 84081 75552 17859 75769 30228 17232 01605 74261
36659 94914 96070 68930 82153 85374 74548 48380 95446 35882
66342 98845 81326 83103 00000

89825 20184 74406 19630 50979 32364 79770 30765 38287 77352
98437 50045 51020 55785 29947 31969 20731 95704 40961 17061
61048 95309 47735 87941 66793 12276 31493 89954 35847 66848
22645 96026 12216 50900 14797 20456 73712 60120 94481 11314
12719 91547 97549 76144 83442 73614 28156 20660 14118 20906
01284 05100 07585 30804 94737 47966 78687 64221 21557 31799
01923 77601 58759 90698 67781 98378 93388 84265 71221 61075
71770 87661 80700 46243 62936 52467 61219 89408 72143 18025
49805 52242 65427 77965 06870 73108 91128 31591 91888 39205
09334 74811 36833 47469 65157 84095 00000

10861/8187/6939 kHz, 11-03, 1015/1025/1035 UTC

93766 44001 72514 47504 38198 63584 41041 60682 44228 31444
53941 18477 26116 37797 31894 47296 06025 19019 59594 59653
66700 64798 40238 20341 51127 60142 24330 84195 20085 16942
86235 72629 03565 74766 46930 81121 06958 75595 66376 34848
57979 42150 53965 34650 05240 14540 70465 60516 04427 24884
19911 24779 53012 14619 54867 92197 59436 24164 43517 09128
57701 09637 71996 08961 03312 66312 80425 86016 11503 63503
56063 55089 23687 20555 32035 38810 13065 78640 65059 50045
65330 48043 90618 61494 95415 35620 79007 79679 86201 82123
40695 65522 60146 64072 54449 68688 19754 39867 16640 67891
17836 44827 35187 34332 43489 64841 16557 60484 34736 43317
19278 21389 53763 01129 72391 60656 85695 74223 82276 18369
46840 98607 76302 43063 13345 97374 56725 54976 06199 49471
63278 52757 93523 44895 67895 80817 96083 56000 49999 99516
06959 79605 25785 25364 61313 29589 29961 33433 17198 84666
73353 39163 33332 21019 24838 01749 54785 84483 91019 16297
42517 81977 92103 86940 07694 96849 57400 98097 36733 57840
88892 26059 18004 16348 66306 58102 06133 11684 92123 11308
84833 28996 99979 68269 14219 79566 74863 71888 73517 58149
58589 46438 35142 57052 38944 37080 31038 41645 45974 85036
97258 16978 03831 80577 07702 40203 11630 61045 32937 58483
51740 46075 85074 77074 48959 27210 34607 87278 29004 54106
10155 08937 49755 84497 17069 27173 03691 90126 35809 28049
14951 35811 86049 62846 79469 73851 67447 95641 21608 20950
13002 13872 65729 09841 15955 06574 46158 32817 16162 39989
03946 19335 56872 85222 43898 14888 47856 77629 50295 53342
95822 12640 84730 39913 88052 07689 14527 86972 40196 84946
45153 69882 44167 54547 55077 95025 77072 02980 56507 97237
57115 16351 30438 08824 57407 93194 09465 67333 13625 26526
06773 54303 86458 59811 14772 82142 64780 46560 21784 71344
20467 68212 20242 85223 50834 90018 04830 14360 69586 59592
83997 27931 32260 77824 53294 34133 07061 96855 03961 16870
27057 24778 65201 40898 84656 41767 03599 42615 54304 57329
28083 48683 54343 63346 73912 89667 83967 62607 64095 00890
96218 77520 71682 27666 92949 68685 31388 77133 52694 18019
73956 83846 27399 56112 81721 81326 68920 38524 88796 96758

71263 00679 74330 11017 39467 46070 22267 51218 21094 47448
46045 07971 61255 65688 01680 94526 67101 16022 37657 90011
92734 36310 55084 33926 80458 37070 76534 64103 19316 37912
47012 15312 06855 20102 15495 20689 25046 49915 70467 83194
66304 52487 27913 09274 70541 40832 95167 21910 59197 29732
59099 95264 77169 89170 72039 78081 78605 17005 33907 98052
17471 35574 93958 85423 00000

10861/8187/6939 kHz, 12-03, 1015/1025/1035 UTC. Two messages

11911 97934 05701 68332 03362 27139 10597 82786 03518 57491
60884 80289 88446 04651 86503 43722 13445 24570 39554 70277
22946 06774 79445 90959 16771 49373 66736 33542 33673 20516
89107 46174 38093 35939 67900 23808 21084 07330 18652 04658
51331 41171 64081 28861 37202 92761 22952 76528 85780 05106
23244 27389 69797 87346 13091 09190 38421 12441 67898 27065
32821 38761 17099 91042 92466 85307 38969 83883 63078 15222
96951 36444 42175 07293 15916 02745 23164 20130 21805 51925
23898 78711 93091 19295 10641 37972 97491 83642 53388 03135
12369 63008 73465 11469 52264 46097 69354 05159 52001 01525
31674 49973 78784 32089 83264 86105 00000

95636 54356 22722 07755 20716 08539 07763 54668 19216 97559
19750 70402 83800 84716 50049 61165 67458 19695 45791 31147
08789 58751 79547 74627 11296 54919 69099 18571 75114 10421
08242 20404 04627 08469 94559 50642 40388 66656 65115 15086
88807 79113 75984 96237 48020 39622 86576 18656 53392 62871
34676 67917 91084 46053 13145 17882 53129 37969 84225 45947
32437 07846 92375 40972 81197 31051 61573 33574 81081 33885
88040 03468 98704 64643 64306 43547 24787 83138 95558 85393
20426 85863 94219 15892 18957 08989 63676 39656 56796 76379
07118 66935 31744 87093 00000

10861/8187/6939 kHz, 13-03, 1015/1025/1035 UTC

Null message: 5761 00000

10861/8187/6939 kHz, 16-03, 1015/1025/1035 UTC

22720 09783 25658 55220 15913 18458 25056 44718 87950 11448
04314 64029 56933 05114 49516 39938 13590 12159 94469 67916
42488 66428 38446 69591 53103 97020 10506 83118 75448 25156
47596 22405 99929 82242 78600 66115 66138 72560 31532 62405
30252 29016 06067 60306 65732 35409 78586 03721 77020 13624
31936 48939 30902 99216 27074 91639 35231 53809 58798 14292
19719 87737 62753 89912 98443 91394 65882 03103 18800 98703
97535 74309 26556 31150 03398 98248 01708 95823 29448 32421
44830 35905 68115 96672 18596 57019 83840 69716 74163 77920
60207 93570 17111 78918 35853 21845 92612 46504 21330 72811
94538 37601 14119 73194 28169 11880 53963 03626 81204 05586
85732 81693 82776 45299 21991 43528 55118 25078 22456 09865
87611 95416 32544 47504 87876 37458 48183 62134 89604 20899
99081 83432 21811 69022 67646 28383 69209 79298 85726 53769
78380 72982 76382 33749 89431 72166 32856 23477 97830 27697
51940 94689 76102 46421 63930 54206 10081 91174 26342 81277
29396 51968 73586 44718 36882 11806 39795 85760 66608 55561
96968 77572 25207 95364 75653 97367 96181 10927 60317 72054
11906 28244 76626 83357 22972 85122 12802 43351 19600 56951
42242 76330 84777 41165 39609 67985 83831 23848 07556 67777
20111 76888 56281 55493 11465 59146 03114 07887 67221 20064
84294 26356 70329 29147 96161 11600 94369 79769 07905 96176
10121 40732 13107 70915 61352 54005 12225 66112 14553 02110
43229 73443 12271 93558 02566 19550 84750 39804 23642 27209
99560 22126 05021 25043 53899 71898 05503 91708 39260 12675

48300 45484 33148 37525 01473 15216 97536 20066 26822 53539
88750 82613 14432 78333 08459 69916 45040 53324 50471 01876
47433 43798 23021 03720 43039 08337 51228 37051 94921 12539
89415 80211 03361 75636 97992 31401 15190 85976 64557 32987
39100 46271 73940 40446 84088 34582 56855 84366 63233 91959
71847 98962 29992 72681 00238 15518 39206 18023 58737 44223
50003 39507 59426 92817 12772 22558 71783 95489 07420 86504
66456 50471 25074 61872 45453 89753 10442 70889 88453 29379
06986 22164 69911 73728 72135 55448 26657 72254 54693 97447
80663 52094 51641 14594 46689 74992 86530 73736 79457 91988
76635 46673 40085 94283 81069 19472 86430 83747 47042 92516
17060 11482 96452 82204 23509 57898 19995 60250 30537 52725
70980 91520 29055 58404 76044 56342 31419 65298 04946 68222
03768 72153 66623 22913 55110 50252 23723 39761 87826 14700
42755 81287 39293 51271 22098 61914 69297 72262 65012 81802
72951 99789 89862 46714 23773 99958 94735 59856 76638 16359
18642 96628 85277 76303 66484 98220 14009 68266 89985 44993
48410 13948 41757 88423 00000

10861/8187/6939 kHz, 17-03, 1015/1025/1035 UTC. Two messages

92323 93495 79961 41815 56144 65328 85111 09118 58518 97043
95532 83639 59139 19788 05416 03601 60408 77094 65015 58238
73327 23068 15336 79986 72154 64417 42053 32850 30015 07282
53369 20406 52665 94766 11472 61875 52579 46150 72301 09687
30558 33686 13303 06998 57053 57933 53854 08586 70369 07568
98058 13551 33966 14605 54586 83287 20015 40955 13254 43132
11425 57287 83035 91146 39502 00094 21180 62471 99451 17930
08128 22676 10890 42742 47928 88551 15571 47237 98815 99790
29501 74222 63663 89970 91642 48850 94980 30302 76380 09725
94148 44562 61951 19775 09584 18658 72010 42865 63515 53260
32540 97061 62060 32936 11268 20489 68290 10221 31798 10737
42970 28083 79634 23724 82666 29184 42292 42981 09897 25411
50663 55284 95027 89123 00000

40336 43297 51436 05295 97942 90688 90560 38598 87150 21581
26199 07342 06980 17951 77685 30439 38190 89640 99379 80442
22336 13338 94331 45628 40906 72052 30391 04278 55506 99758
82191 28363 95007 60907 47452 58804 00612 19488 11038 19504
64757 77326 55202 62338 24822 86314 39469 60285 97531 64242
98570 90895 65043 90053 00000

10861/8187/6939 kHz, 18-03, 1015/1025/1035 UTC

71631 63403 52562 51124 39259 38889 68577 83411 58127 02322
40865 68832 46839 62419 66516 35299 32236 64784 05543 17901
39938 63375 32015 83363 60381 69433 72417 90538 95027 01273
48383 72868 12436 83402 66026 53764 68886 68393 19031 30822
73242 79935 97705 89837 00742 00533 21177 34532 85392 52253
34922 42940 45676 43991 40812 86406 23242 83669 51866 72101
39267 78814 88906 95017 98191 73959 61282 10380 93493 98286
98875 62396 95208 21977 27557 30295 23878 44673 05287 77591
40598 64522 61053 15505 07888 01212 03823 16478 01027 71456
93700 38735 74584 40356 92490 47805 13799 97072 35827 45960
25520 28265 94085 45503 48378 87709 14245 46833 86887 85550
59898 07242 99159 45621 91589 11364 92917 04263 54678 79229
09497 49091 66903 72849 00527 21137 22845 87272 26970 28805
57471 37055 35218 47086 35947 74077 89916 00462 61909 97641
68227 52937 21375 42804 45196 53643 04497 57848 24923 11433
72321 06875 97222 96932 60766 58416 24455 95463 38990 46026
88229 59281 64336 11778 50650 32568 01060 68613 09801 47623
94998 42476 54163 15670 21396 80165 45638 60744 48054 33852
85875 70073 81006 58191 45588 59402 84898 80971 61543 76701

95258 33233 30915 92687 64858 49802 57693 51595 11336 76169
30823 80646 58277 42650 38775 81646 86949 91774 50230 53143
40853 69832 15558 16597 50303 18518 68792 44983 69218 27610
34777 17281 41298 34623 71176 47274 37785 82368 00037 60110
33998 70367 08585 15047 16822 61044 23955 97825 40339 26643
91526 31121 71796 47808 11564 76481 95090 99757 13842 26223
63958 86993 74954 08692 22066 12488 07976 55353 32175 92274
79182 03123 81583 51389 31503 30402 56019 62097 19408 50232
99178 10345 84897 09020 00102 01361 29301 64264 75561 40373
60560 39729 39663 49343 20687 81490 77833 05684 23089 63298
67402 13885 54443 14701 11942 45980 20805 70352 81569 11815
42650 63951 76395 45014 28524 15246 55297 15635 81991 83546
97222 05393 21581 86174 87188 06444 18397 05292 44184 29628
81102 31547 33152 33123 42946 17978 28234 07450 30531 42600
19488 77761 19013 03130 80229 09353 03400 92266 37224 27336
40667 26992 10890 86404 42351 30292 17705 51643 22321 88775
52014 76300 29416 34599 89420 87478 19630 25149 78935 15668
47535 18911 16098 29065 81635 70979 14233 58619 73329 96614
16037 24733 34172 76326 12696 01562 01130 00878 62694 79850
94507 79683 27532 14243 98242 61016 66518 66001 17246 37469
57830 77067 91481 35112 38039 36418 71475 09772 77269 24639
84933 98882 32201 47658 49165 02339 44081 95576 08989 90791
73950 87536 04817 64820 92258 88561 00608 91417 00000

10861/8187/6939 kHz, 19-03, 1015/1025/1035 UTC. Two messages

61465 81795 41956 91845 94589 38963 60017 15847 45860 65613
14586 44392 12692 48312 10922 40959 73376 58085 76978 84449
93107 49288 01507 78463 64083 28892 24215 20828 46887 32106
76553 18050 53161 65298 45549 64446 51860 02125 87214 45497
46013 43832 82804 20320 12597 79650 79022 00243 72301 08218
20023 35803 01615 05991 33174 64296 64334 53549 04363 05085
81846 55761 22550 01090 34373 16726 98245 29926 10345 55440
85591 33090 46127 73128 62757 36657 23246 08169 50316 61922
15338 39552 72297 49415 01981 24813 89601 44735 91615 83379
60472 19638 20735 61261 07699 26818 21525 38021 97249 11809
75159 61983 58014 30467 92918 24584 97352 45444 92333 09835
92126 00108 60530 79808 59911 93339 21975 82110 40065 03653
52800 90245 39358 36059 08899 92125 00000

44693 95274 52529 93094 55094 24545 12053 90845 15902 45793
89022 52679 26694 91365 92413 34677 98900 48556 84452 51755
01032 04524 98947 38066 04402 93642 71822 68420 34024 70748
01049 26696 54375 58682 78158 32145 44703 43603 58524 59557
43578 16481 62598 14203 67366 84225 25301 47501 32324 98880
35727 24350 34977 78319 34390 93055 00000

10861/8187/6939 kHz, 20-03, 1015/1025/1035 UTC

Null message: 5761 00000

10861/8187/6939 kHz, 23-03, 1015/1025/1035 UTC

26802 04975 14567 34709 14028 17162 58026 75846 95055 79754
62060 70424 35222 93045 71188 31265 24689 13092 66925 47159
88540 45959 57808 26782 75111 33100 24996 20441 33469 82519
96875 86840 15995 25440 51104 97053 67002 03127 67534 92894
83326 13597 80450 41865 57820 72858 03570 55875 41710 70403
26221 65917 86718 23619 04159 69893 52927 60812 93449 95761
93286 87539 00853 47210 50734 15920 49145 24042 28839 61626
80827 34442 21924 38240 48647 41337 15597 03657 66371 10023
93626 38227 18253 49240 12113 59329 50628 62913 26865 02049
94076 54697 84955 20664 89588 52566 16359 90612 17173 45594
86635 15646 50337 50135 96580 69834 84899 47589 39788 29130

15537 60931 54060 72166 58537 62203 27601 54983 44175 28143
45938 89366 27156 86154 90494 79486 88560 17789 24771 96526
27733 11940 29051 95984 67554 84931 69587 07342 21518 09680
13196 50780 96072 21140 23192 60635 26651 90194 97624 20285
70825 83198 35718 38133 07033 49347 43486 19417 12305 03070
14435 13484 17436 93625 46308 41253 63032 79102 79800 32538
04878 46982 70181 27921 42051 48495 27769 24864 66235 38914
88186 72750 55662 41006 98342 46530 62111 73805 29073 53675
64423 13915 50376 54119 86952 81508 30191 97874 06390 68231
42636 10009 95416 49181 96671 77678 76602 46159 21099 18893
84992 34376 66852 37711 62834 09806 12510 95550 34860 59370
83962 53292 37581 01142 24187 63878 01016 86755 74047 20085
06305 83214 50075 87155 67634 76275 30153 74992 11922 62607
83051 29573 54687 22906 02751 48308 95551 93149 33481 49001
81810 76195 96423 47115 13503 60882 54016 21021 88423 40851
72786 69932 10518 50261 70659 94190 10091 58573 59676 52613
49267 91624 20062 76571 11147 71140 66573 45496 96087 89903
93079 53501 73555 64747 06287 21801 62977 34577 84579 36620
42033 95588 22881 17278 05836 90890 49494 44138 25413 96698
25854 01106 78958 72311 65123 12366 54262 66032 30573 78042
45778 94242 99691 38481 94750 35805 04949 21820 45855 08983
87154 54557 18767 23076 22365 39794 18123 21938 08247 32836
30286 61586 20863 68846 80377 89078 77795 22246 47986 14844
68566 02527 65020 95658 38268 16184 44115 70459 35363 49454
11051 16168 59579 51532 39609 15731 70835 22969 12310 55547
45148 38933 55461 94483 88438 62024 21969 71651 44198 24316
20333 45151 55930 83340 13275 78952 70317 81666 34428 20114
92050 64800 96539 33512 26256 37052 89605 86286 69453 60098
92387 99179 34989 23894 45748 06950 23883 44640 61240 95064
77015 69491 63380 04841 69606 92688 89064 24240 33914 12798
92533 06486 21092 85764 29361 83707 38149 53439 17865 67787
20939 52294 01411 55604 29126 31991 60024 80859 74058 38508
44761 79668 15492 41500 33270 94435 00000

10861/8187/6939 kHz, 24-03, 1015/1025/1035 UTC. Two messages

46972 97585 20744 52825 48907 03820 56477 63202 03784 15326
10463 69604 89160 64013 37826 00560 87200 33333 93983 98952
16309 10204 63010 07590 77705 11638 59534 22444 40380 03267
90110 43253 12866 51948 84999 76178 75262 79641 36297 68197
69953 10741 03348 77923 74451 30050 71381 12537 04812 93594
74309 85519 23042 59451 17622 74874 46969 30779 62311 86523
85967 28255 55780 52570 51013 34085 20652 19108 12493 74783
37426 03273 04199 34916 81931 24213 96958 18981 03489 37685
90324 03623 54736 28938 95772 47373 09064 43594 09841 50086
26563 61198 00649 79281 54469 41140 56227 05558 72999 95617
68106 14283 22547 69343 48599 85741 73156 30677 05204 60920
22222 03872 20583 35133 31346 97116 11537 46662 38300 06073
65429 52604 05012 95123 00000

13551 33987 98425 35369 36051 55326 36336 16051 70397 58209
88826 80502 60762 41104 11304 96071 70425 28105 37683 74586
44831 52953 44267 10532 96227 50979 53188 16984 77069 94882
55079 57726 34384 35310 55675 99008 62282 32139 76027 29360
94794 87436 61015 20915 06236 16009 75854 30672 11268 14486
95266 65141 81864 96053 00000

10861/8187/6939 kHz, 25-03, 1015/1025/1035 UTC

56227 22211 54392 92560 24428 87437 38645 89477 12555 72258
16010 04228 34053 59016 48766 76022 99017 43374 16176 80936
61621 40213 87746 16958 39127 47450 86034 36798 69672 03691
18703 26885 01006 00682 84491 55995 27370 36473 82808 41943

16720 20248 81617 09779 95458 64749 23318 39929 82872 27239
73295 29709 92478 84931 40840 16664 42433 55837 27116 37147
42225 00955 79863 18608 47823 68746 59532 28995 02461 67837
46526 31732 05259 78873 44251 19694 74871 41480 57643 26629
00329 77254 51886 39459 96284 34726 20978 59888 04837 67236
20856 88777 11125 79659 46763 31704 64882 04909 59530 49148
25128 96166 90479 99750 70199 45778 79629 50073 40298 66736
26877 49296 04744 97704 60873 92301 71123 17515 55246 19568
78524 80073 46881 27321 42033 05614 35942 86374 40694 89233
72315 93100 66111 12660 58163 00968 73883 70169 21286 06080
05056 44605 38966 85161 69785 94435 16993 09417 10390 37778
53545 82703 85992 44336 42630 77473 45924 71186 96754 66885
84085 03350 93530 76563 91463 85078 75881 04413 48964 52815
60565 81941 27776 05741 34668 75524 89436 74859 44792 51045
02794 76557 08588 50357 20053 61573 03355 52991 79083 95312
11366 21564 24195 30448 26629 54309 62549 57745 52754 93179
98408 46048 46625 60945 12400 07357 87556 25742 77991 47946
76632 16493 32356 91458 95898 37652 43826 84899 82118 56694
43111 23487 94752 62800 10473 55282 82879 20175 36046 51548
80712 64424 95495 53761 86436 15443 08185 33229 04016 05235
70056 24232 52686 44125 78409 16649 73815 73776 90748 18990
89797 80464 84919 27767 94706 67046 12682 64168 81359 07057
63942 63934 34500 29365 83815 31412 44782 06848 09697 93697
23241 47489 20553 15812 20942 11372 15600 62858 83487 01979
64568 20081 95082 05248 96730 06775 91830 74819 20897 44984
48963 86915 93541 68915 71672 13283 77273 86019 44256 85635
56817 25665 17243 50049 04711 36348 37195 34725 13887 17380
48877 79572 39343 95973 24473 01051 16084 85692 99540 90694
45508 87170 20394 70775 67458 17065 32599 55520 60084 76163
65267 91345 34739 92593 90841 74525 18075 01062 65057 69737
38540 44067 76760 77930 59447 06032 62284 26943 25826 16266
64064 83314 17216 81731 38169 08721 23620 35519 40460 09484
86777 11991 46035 52579 73967 84513 81673 46588 76503 26737
75952 11027 50144 83338 56723 82490 39566 61178 50642 31058
54119 76802 64441 85379 87031 21233 52619 89898 95265 27978
01250 42641 82195 55205 82592 86999 50319 18011 60184 55972
16164 31721 49117 97403 00000

10861/8187/6939 kHz, 26-03, 1015/1025/1035 UTC. Two messages

97584 18575 65450 00791 63943 45303 71718 84999 98072 25016
33875 05059 01281 38355 00615 06853 90087 78334 64133 61981
50582 90910 06728 19505 90937 06277 01012 25766 34248 71810
18428 85710 18888 22630 25753 64150 98584 50677 74273 50408
59372 58278 11330 34772 95643 07106 68908 70212 12457 98504
08969 17783 46307 46085 30208 99155 21545 26551 65921 04719
84619 19682 27682 30681 83346 73415 74491 43616 83379 54965
12120 95884 39081 73911 52303 98075 00000

07298 20522 41370 82765 18013 73129 55721 91859 53970 24400
64707 76003 51148 94433 44864 73136 50484 19139 06874 67303
00406 56654 96385 36530 14936 71594 83999 46487 60790 64313
80348 69655 71925 37378 37217 34656 14961 16442 20629 35451
53918 67687 66847 55090 87718 79048 57224 83702 58865 97389
72827 35400 56756 38824 14803 93815 64068 14366 01387 40919
19640 38106 77515 48839 96298 10090 97980 39354 17062 91090
70044 40741 58164 11466 66471 96687 12326 81287 44909 06929
10726 93916 34551 04322 27091 40237 76023 98023 12365 75714
25430 37478 33365 99093 00000

10861/8187/6939 kHz, 27-03, 1015/1025/1035 UTC

Null message: 5761 00000

10861/8187/6939 kHz, 30-03, 1015/1025/1035 UTC

03771 64123 14457 17971 64819 20669 09068 +7294 77047 31261
16201 68501 84139 38703 46827 56194 32811 20110 79171 19750
36234 47765 81750 12277 87557 00464 88855 81770 84455 30041
51915 21676 50661 12751 15171 43016 65401 40208 89107 35309
36681 29559 20081 08425 79351 57584 79562 32595 83907 48410
21464 18756 86939 69525 80955 06406 79177 15782 13231 51176
12088 86073 95648 29288 88920 82379 41690 01098 51186 85855
00177 00914 96467 89664 38167 45260 88522 93233 30995 76798
45606 87623 07868 86069 17957 86699 26468 78260 90380 83792
75000 77180 70860 38530 25114 83628 51153 23534 84141 30339
50286 85674 20095 00707 76905 01554 57850 03461 71405 31916
69960 20484 13790 04679 10538 69971 08183 81258 65638 52095
79941 85882 18586 69391 46308 02583 53679 39031 46526 69552
46711 39174 42376 25543 15746 56600 25050 88017 30583 27787
89316 67711 04357 90639 60909 49322 15694 89051 88071 92983
34880 97477 33201 36246 52470 57727 25528 01220 33772 45141
60770 36583 47647 06351 58694 49149 43072 35817 14524 04659
71880 83315 05135 02514 81144 09569 35976 54107 23615 32214
39644 19470 59669 29289 62059 81894 49200 92421 97178 65237
56885 46917 56177 23591 19264 80929 82040 57993 47083 50896
45508 39894 61320 55435 83300 46025 86346 94885 64562 34405
48644 58676 96479 16127 54544 07722 04982 02649 45385 44017
51484 33248 53572 84630 71602 12348 07934 82281 46778 11392
61847 59684 44751 14950 42543 49846 89816 15765 45048 59516
48805 88394 19190 97966 43725 96172 23106 38281 26996 11142
41696 03371 80228 51673 93449 93864 22463 67444 74095 00094
38832 26469 10498 65344 65558 83868 23250 92560 92249 37060
21397 11703 67403 97071 77717 49925 18084 30642 58018 71785
19690 52823 02867 81653 76757 74750 85198 05516 00740 36278
92247 94363 95689 78165 05229 16350 87802 33501 75208 29906
59728 43055 18604 54995 75618 24241 80759 84706 07828 48378
41008 04365 01217 05950 57693 10346 35983 64527 76557 45791
74973 49062 50952 95399 06402 99231 47299 06489 17915 83514
34244 28520 62942 74703 78942 88259 05273 16521 98907 42778
52787 36040 42862 77462 16290 81594 99035 41243 54375 90863
54333 36214 90270 18822 52834 03825 11582 80231 27026 74858
88892 86386 00248 75352 74146 80773 83747 05674 64754 03344
16820 34917 44356 38097 23434 77832 36186 23641 83813 46452
29970 31435 44392 93615 68298 41394 14580 90574 03404 69541
23794 05872 60292 27408 37172 77667 67156 17843 53417 96725
39011 96952 33212 42215 25491 56832 31635 37544 58745 08787
33013 18392 62364 71725 11663 30143 07287 95428 66939 96897
25607 01421 00000

10861/8187/6939 kHz, 31-03, 1015/1025/1035 UTC. Two messages

89913 20950 31108 73574 53414 60673 14939 89416 69082 86431
06493 89416 22330 29358 56821 80764 83754 90662 88061 29593
36235 20850 08274 28911 83373 05672 59971 35003 00218 63512
25773 89466 12215 83884 39635 69087 13316 61719 77076 30724
59187 07157 22845 43412 96448 35498 39472 24858 13891 67038
85131 24508 26597 91430 54266 20397 28919 76304 39388 21950
77231 24800 37528 95927 88414 11723 49732 57701 64993 52992
47080 95055 82874 88082 01628 16691 02624 80140 05743 42620
90204 63462 28248 78655 58142 93026 80823 42154 63021 75759
93095 31226 20279 88229 19860 54590 22212 10458 28867 64257
70152 30522 42614 58230 56735 99655 32575 45420 59200 42519
89313 89947 29676 52335 16910 77034 93358 25578 25141 67654
90552 02121 00000

74950 19451 56013 14346 34606 58892 20274 77048 85894 58018
98372 25107 40061 28600 01877 54895 46726 32484 83749 24861
41268 37253 10393 84473 33312 77448 61521 42333 91035 94798
25049 09380 00943 55889 79192 78131 07831 70712 78960 23902
64607 60527 89229 38924 46671 48487 31590 35322 10518 71441
37146 03051 00000

10467/8094/6779 kHz, 04-03, 1940/1950/2000 UTC

Null message: 5761 00000

Link 00116 via Cuba

20700/18726 kHz, 06-03, 2230/2240 UTC

11177 00116 52541 06016 01639
00354 29901 39055 76500 70079 34587 89536 98046 92931 71639
24596 01539 47377 08762 34592 72933 08970 27608 22192 72603
89797 14759 26039 97461 67867 02418 92972 85770 29877 75998
84703 94308 75794 90793 29911 02581 58701 64910 57684 23783
58316 40668 73248 27178 11654 31638 61913 01594 49251 97513
32182 14717 10397 14003 33957 47877 35797 29927 12786 11006
61126 28713 86070 67464 59892 36469 52196 23409 09054 43827
68503 61410 75834 33747 59042 22990 49156 32462 38056 69767
64149 25755 60119 77915 93160 07757 32880 45602 01705 54453
53326 18102 92793 39081 53537 60278 88082 31611 66838 31112
19270 49497 50302 39971 28190 51888 24542 89303 99032 94472
16717 33447 71131 87172 17712 08233 05751 21838 89396 11085
05324 62165 82941 36295 08558 12998 54083 95150 09864 11218
86322 75628 76541 05397 57951 21316 62146 16417 13875 34262
39494 96223 28159 31440 01729 26921 68226 09513 04895 27377
96660 97584 50450 59545 71540 02633 31160 51674 31252 77293
88800 16161 00000

20700/18726 kHz, 20-03, 2230/2240 UTC

11177 00116 45789 20020 02379
30691 19126 73340 91160 71756 45889 65820 04211 76874 03921
83707 59921 24986 83204 28357 97275 47028 93485 98765 37593
56303 09847 88190 11398 01599 32051 49625 29530 41493 49845
91056 03189 63297 31405 86443 42578 95062 77113 13361 88862
84086 05858 53234 59104 40367 66036 15112 08881 68427 88453
68916 42265 35969 23304 99094 23854 52767 28424 14625 72535
58263 00998 76304 41687 41285 69909 27262 15479 40337 90928
37626 75983 97884 11912 99300 20771 67092 00218 31762 35684
94431 49509 84842 52471 26610 08140 49413 45975 15251 96315
11921 50553 17768 04204 13708 00432 17866 88193 01056 23669
14109 07488 76884 44418 49993 68212 90058 73180 83958 67231
23217 89733 22782 52862 65085 48425 66787 44665 78194 60513
40306 79511 97944 33248 05835 76098 23957 70377 85311 35120
89649 63767 36973 17259 20968 30826 61201 66202 20222 77404
33824 68871 35948 90890 90281 70032 04751 93151 09126 83501
76053 08033 68255 67110 55692 23098 72354 53635 29305 50289
74958 54868 51428 15206 43584 81019 11271 29676 41360 42638
11069 27328 23610 27245 17991 66828 72799 67855 75506 32487
20314 45584 85163 86909 28478 93523 94722 55394 31279 94075
53568 46749 57204 86926 21343 40226 82660 29861 40748 93250
89383 79586 10438 49647 24301 84771 18943 53033 85263 08476
25582 95081 81098 22161 99263 53332 39421 38477 51156 98238
60623 74996 22124 74148 41509 66098 10903 83885 16983 65188
53921 31646 93247 04429 92730 20235

Link 00052

18969/16358/14713 kHz, 11-03/12-03, 0900/0910/0920 UTC

11166 00052 53971 11056 01409
 78594 59353 70207 89958 92141 25187 51094 59138 36120 53227
 91245 04855 71985 35397 77981 77268 24100 28147 12289 49937
 34795 26867 74609 17522 14650 45861 18459 32641 26933 77320
 59072 17832 91133 27747 49250 13537 66671 55252 59603 48071
 46469 56172 05374 40501 15082 74432 87032 72357 51049 32115
 36834 89153 78191 04640 88502 17607 95508 89029 12272 09535
 40379 38659 82424 48339 64752 62965 69549 79033 29018 15520
 74691 47733 43229 18932 47582 61568 10385 99990 56140 04931
 51450 33517 99428 73017 16798 18322 81259 08591 13769 33755
 86625 52898 05024 50236 28155 46695 57398 92242 54772 42296
 45919 77169 39755 12604 42691 78505 90368 68045 45333 86767
 46276 17358 24656 66618 58900 33157 96255 33624 68932 08234
 45736 99068 24173 13502 62214 56276 04894 93551 59830 06876
 48901 60735 91921 50442 93502 73725 87568 85956 56138 00000

18969/16358/14713 kHz, 25-03/26-03, 0900/0910/0920 UTC

11166 00052 71645 25057 01859
 85895 81254 52499 19484 25718 25981 60355 60652 36120 06662
 85237 68520 81791 81701 20213 88666 40827 28050 06161 81139
 75343 53870 63854 24573 27415 89034 15186 66109 96104 20640
 29506 96807 33267 65733 55985 57226 90211 98426 27958 02877
 63701 73600 50169 84216 14692 14370 04873 20889 58269 55514
 37713 74884 48213 60045 09333 52319 04627 51112 23635 88508
 58071 26423 68650 96036 08644 47374 30932 80492 23432 20079
 69424 53579 20782 10465 59751 98263 14828 60659 44838 65674
 18703 98812 52828 08419 29893 59586 68218 80014 46139 57450
 67158 55124 85362 80022 52841 50278 08013 93598 51935 49767
 65310 78083 57984 66407 21798 33503 32721 91848 25644 25291
 01230 16126 25143 60521 01885 21134 54842 12294 77024 77716
 39735 34454 15276 01054 90954 33821 81479 44043 91417 92137
 95155 33349 94837 54898 43429 77824 86558 29276 39380 03973
 79647 58304 61730 98158 44666 63526 36824 60235 96585 73284
 48823 98292 87255 78838 89066 19203 76887 85510 80529 94651
 82969 51035 38315 07350 30067 28295 52115 07106 48940 54654
 01590 31452 98408 55046 40586 70500 08414 51030 11150 80739
 67706 92983 73250 57183 00000

Link 10053

16245/14356/12138 kHz, 01-03, 1530/1540/1550 UTC

1166 10053 13579 23067 00049 00000 00000 00000 00000

16245/14356/12138 kHz, 08-03, 1530/1540/1550 UTC

11166 10053 14563 08001 00049 00000 00000 00000 00000

16245/14356/12138 kHz, 15-03, 1530/1540/1550 UTC

11166 10053 17935 15001 00049 00000 00000 00000 00000

16245/14356/12138 kHz, 22-03, 1530/1540/1550 UTC

11166 10053 78451 22001 00049 00000 00000 00000 00000

16245/14356/12138 kHz, 29-03, 1530/1540/1550 UTC

. 11166 10053 52369 29001 00049 00000 00000 00000 00000

16359/13986/11523 kHz, 03-03, 1650/1700/1710 UTC

Too weak to copy

16359/13986/11523 kHz, 10-03, 1650/1700/1710 UTC

11166 10053 45896 10001 00049 00000 00000 00000 00000

16359/13986/11523 kHz, 17-03, 1650/1700/1710 UTC

11166 10053 49127 17001 00049 00000 00000 00000 00000

16359/13986/11523 kHz, 24-03, 1650/1700/1710 UTC

11166 10053 13579 24071 00049 00000 00000 00000 00000

16359/13986/11523 kHz, 31-03, 1650/1700/1710 UTC

11166 10053 17935 31163 00049 00000 00000 00000 00000

Link 20218

17454/14357/11556 kHz, 04-03, 1550/1600/1610 UTC

11166 20218 74391 03005 02619
49629 40716 03414 15263 01497 68503 47016 89323 07531 79782
69365 10635 84696 47148 73491 30808 62593 34039 27159 28303
34717 57402 01759 24814 31010 37982 84873 64760 07238 29354
84615 97134 40494 64780 63451 05838 90408 15027 87171 81938
07475 40618 35978 41798 49676 48627 67215 76812 16764 94917
32072 94562 98740 52351 03143 35321 38680 30561 20937 40284
05927 73827 12482 06912 04140 41246 71826 15065 20676 13164
93987 96096 60342 80862 48571 93573 61451 64202 65017 80596
21978 58687 04161 82147 79028 58682 74610 98359 34179 45823
17598 41836 20287 80409 53185 67076 57523 94325 24247 43759
17627 93083 53562 07103 76984 79694 01580 98650 87196 95709
41349 80628 36079 51806 19540 60297 73974 09698 23659 04181
47514 49308 12737 71351 42610 68942 18093 18205 18290 09747
14092 91303 51659 26361 39509 51471 98541 70502 04989 43683
41914 92429 70796 38597 59831 74874 26234 57941 76931 97471
52751 80732 04630 95198 38373 57059 17590 53680 78761 70592
15759 76149 98476 74892 69568 18259 18765 93179 98491 16428
08172 05029 84293 37534 08654 64658 01323 94534 76084 46521
72430 51845 96094 41248 81271 71301 90262 92795 39192 24659
69841 54719 83106 61685 69259 47081 35345 42186 56176 10923
62942 51782 93858 01785 49294 51929 92616 62028 10719 24873
86763 64923 89802 62381 35252 43591 95878 36525 48768 15976
63865 84238 87471 41464 80473 45278 65786 14139 26968 81543
06983 24062 19252 71054 68716 01458 91452 37421 25769 51469
39843 05365 34283 26928 96717 24913 02098 16863 93265 37536
27648 52723 21906 90704 70816 07392 12403 47890 89598 05259
00000

Link 30044

18195/15689/12216 kHz, 04-03, 1545/1555/1605 UTC

11166 30044 79136 03010 02129
21194 05605 77805 85080 55460 15711 75242 71924 13674 55160
56499 08708 02331 83365 28284 52183 96278 05008 41224 66598
47303 06726 42060 28406 26407 62259 68121 42390 23220 23240
70024 98918 50967 37814 73534 26980 30457 64283 16518 22723
51491 71951 21938 58167 35169 46370 92818 99770 45502 41161
40117 91557 23781 43612 79449 82481 44135 46230 57597 02710
13727 41433 94734 18525 66001 81581 53324 20531 20449 71525
69599 24837 07306 85856 08593 91928 80632 28063 28629 92894
68213 73753 66229 77708 31703 65164 77370 25244 35470 49111
96017 79722 47566 75599 95889 03268 21265 99248 66380 99265
30601 50754 38576 86210 58351 70545 22311 26728 59900 21840
40194 41456 51411 25284 69548 62489 95764 82354 28191 06046
84675 79728 65010 69070 40447 91790 41251 79451 85788 23469
13474 54530 55137 60602 54100 47606 45924 20000 70501 87113
33212 16411 08558 38168 96158 88560 51623 41152 29724 51469
50846 07052 40081 67219 47767 74209 47142 51371 75143 56196
42664 57209 46935 35482 77348 05011 73385 82592 75383 48515
62137 05447 99874 95795 91323 58553 17578 26708 65568 66760
36399 74109 90830 43240 14075 61034 29040 06406 61487 11019
18451 25433 89049 73747 70657 49091 69583 33235 80208 97555
16150 90696 07752 21901 98252 39328 22661 60951 44858 73160
10210 00000

18189/16046/14459 kHz, 04-03/05-03, 0600/0610/0620 UTC. Sent as F06a file

File 40122-1.TXT

11166 40122 52874 29076 03439
45439 47855 91556 53143 26408 94018 36682 88901 48708 87430
35064 46312 07700 64236 39184 21547 28059 41942 82143 83025
41414 01312 55933 06495 80475 50798 02295 73092 88112 65664
77114 35087 64811 19013 74300 78985 02941 46892 20062 40685
81283 14670 73534 52370 18249 76864 94698 25827 07218 47628
65511 01878 82457 24051 75208 20615 89034 29490 05693 92122
55175 69108 77969 72373 90496 14804 45544 73985 58564 61721
45736 66539 97196 23534 44837 46126 84960 58683 38060 78819
27665 22436 54407 30659 47913 09326 92782 20575 79795 40689
11612 36023 19679 34081 52261 26765 06094 05764 89084 04792
75051 91038 49837 40098 07643 26004 43201 92090 55864 20421
41890 18840 57601 76388 94748 31344 76711 32500 66299 85005
29137 38176 27167 25494 81000 87868 43813 31199 29600 69802
41039 19452 03259 08969 35662 08697 40957 09033 64837 53816
37688 22864 57431 96782 66471 06359 21912 99830 12969 35259
49171 53338 83629 89642 53734 75596 73314 35777 01773 46673
03323 60023 99388 43532 65776 34481 39577 68617 35277 19059
31318 89082 33799 29651 59246 28850 59732 27127 47310 80685
17026 06801 24882 30491 05371 93074 18744 10978 57350 68956
19389 26934 33500 95114 95079 19257 11223 98179 52094 59935
28480 32973 64604 95192 68208 48339 22616 78944 94401 11291
71420 63789 75784 69134 40977 41696 58020 54271 88687 51595
70400 61369 03974 96042 77932 51577 48118 34162 14784 63479
27794 43039 60006 35479 25719 64760 41489 69296 36884 81284
79062 89256 83779 84334 02708 77081 09066 32499 06801 86842
69119 12720 26321 69791 76901 48370 45983 63726 67575 21099
78203 26608 85314 98630 70861 19097 14748 85713 30778 65704
05457 40397 73858 49245 62991 22828 37825 18276 04820 68756
18496 12213 04656 04936 15529 33809 73609 48603 98575 23687
51581 58227 29789 16606 07360 27721 03609 84153 70837 41291
89774 93556 45800 31124 90495 37289 76716 05085 47723 13166
67972 36637 61453 59617 78977 34139 0531738
48199 81399 87333 69021 24413 95326 40694 51637 02379 38792
72200 10047 48738 91659 89447 98618 92243 57233 81683 02238
25555 76341

18189/16046/14459 kHz, 11-03/12-03, 0600/0610/0620 UTC. Two messages

11166 40122 14523 07077 02749
95628 57359 53369 91344 01434 30888 87967 21286 46715 89370
11778 52277 36279 84750 99028 03097 77179 93088 09017 40130
25830 93887 01435 47749 08651 17079 90073 90583 02191 87376
83342 09882 83660 20683 85048 21133 87805 52233 53859 05152
31075 01162 44898 09805 89007 01189 81911 04568 37775 52097
33428 55111 95830 71711 91368 10078 26585 53038 75531 17269
88059 56281 12398 11403 40451 90400 61685 40652 47536 63912
89095 24127 32873 09615 08692 57511 76714 12926 43342 09029
64585 98524 76667 72927 23463 54975 94927 72670 06482 02036
42291 31026 12123 30319 37915 49232 48800 68014 28288 62438
80810 54341 73256 63598 16550 24434 89180 13012 24972 35332
97663 75694 91190 87777 53275 53771 47190 23502 48724 06072
38564 02681 20905 72126 13235 91262 06267 42742 43073 12837
18925 44341 14373 44748 49980 29268 48109 63136 11450 89233
35918 66586 73280 34095 02736 33076 66850 03148 32040 89923
53427 01138 14617 01399 80992 76154 06814 03701 77890 81617

09193 41995 56729 89521 01532 89172 26971 47148 95116 51052
39649 94416 88250 87683 12662 84069 35928 05454 10058 71875
69600 99689 73771 69037 27986 52423 31230 74005 84839 15034
27287 25856 84648 30428 53896 46454 22158 74468 75992 63564
26700 21324 76986 32113 37231 62429 72337 95774 79034 33755
64623 56084 78025 31057 38553 41255 73581 17804 19361 91887
15855 55473 43016 05768 58489 10887 11683 08925 82684 20301
32874 45155 13551 14905 65737 01187 14682 37443 22902 09674
71888 04639 01335 97216 02028 95098 40631 69582 47876 67402
32189 51322 44965 38044 27705 21975 71328 73936 20408 16034
16107 79148 97503 78871 27923 80562 87234 95815 28991 42155
49011 36548 77272 00000

11166 40122 35689 07078 03029
48904 78889 95581 69143 93835 58583 98038 45414 15342 67953
59455 52192 81983 36301 33836 71976 43632 74876 61878 05490
65107 88809 49382 57488 23974 09843 49665 42589 08436 29555
48424 03311 76263 37753 74466 57496 60699 95741 84766 17331
34267 99124 97268 47123 66434 09862 69885 52045 36056 62239
49128 15011 84540 72462 36796 23897 20682 06543 48173 56277
13083 86174 60169 13863 31113 37292 72837 23839 20346 10982
32702 49286 23404 31454 91355 75865 82143 50746 97729 66966
82135 14856 47507 04494 25365 70982 38096 57491 42088 70579
02607 45785 77789 47880 21272 90827 16174 78614 33746 70943
24133 48577 00719 23152 29615 86753 88286 58766 68355 42682
73508 84940 60375 12742 94600 49365 02218 45051 94188 50301
85836 77674 29068 79119 80083 89807 44903 87563 35733 70646
39311 96892 99975 35617 61754 91114 51327 44651 23693 61488
90878 02211 17425 94480 50840 43728 67056 20366 06297 38161
60041 64666 01134 61359 32719 69598 24054 19901 08296 77740
95636 30122 10711 95082 52355 81999 02808 75670 38526 42585
22270 95005 42084 78685 13744 04413 35159 03456 80585 83548
05363 76619 04686 33241 88747 12980 07787 75850 40353 78921
52747 55338 03294 81591 08187 54223 62314 80438 24941 69630
92763 75807 97775 15605 40905 54270 10793 43875 96522 95380
89960 00276 43740 69545 11214 58991 01012 81694 37560 01821
86194 40440 83616 34652 67676 57413 31044 58333 87457 06458
43278 36117 67151 97381 53028 24884 32837 43944 20962 62317
19684 30768 89016 27227 42316 08868 76782 15197 41818 74471
94388 96762 45356 10842 70324 50289 99320 97762 17649 86747
61952 18395 87007 08564 66366 18184 79912 69755 89936 95496
20705 29505 90960 28700 10652 16391 98537 69332 12610 45448
66624 56096 39688 55245 28176 29323 46355 57169 10323 50624
45430 14111 96527 57400 99377 90720 46644 06903 59370 42444
78300 00000

18189/16046/14459 kHz, 18-03, 0600/0610/0620 UTC

11166 40122 52361 18069 00049 00000 00000 00000 00000

18189/16046/14459 kHz, 25-03/26-03, 0600/0610/0620 UTC

11166 40122 78451 21079 04269
97760 15817 70623 57245 28140 70668 44321 46276 92687 73883
80259 12687 95361 25402 53896 87558 35482 16434 69303 06361
40955 14315 77200 67878 06670 73245 22384 40121 67753 19338
62744 24128 62392 83427 27042 11631 63871 80069 03651 97500
86556 56165 77439 32914 95481 57652 69873 01787 42348 77075
93215 51603 08405 48814 43566 82474 63073 46161 62309 97809
55549 25783 37257 08939 53674 32509 69579 57115 91134 22030
25202 58206 28663 55138 42682 29705 26561 47278 19517 09324
75125 08450 48486 24571 79970 57438 26122 22674 49184 44632
05245 20168 78989 68370 13050 81721 85024 18530 07214 87329

75951 32100 91290 97360 16354 95137 61739 74902 75673 75312
08180 74663 10352 19477 38880 57807 75638 00694 53283 42211
14258 49033 33512 47477 18740 50531 76693 43881 14221 48690
39933 65039 58561 32901 19922 93149 06897 48132 38964 76756
37078 10323 59288 89855 83360 61777 97598 92151 74845 50950
61710 99576 25637 71154 81062 24515 73800 42240 53139 95281
15658 69931 77465 13920 32522 67111 99346 61842 56742 71249
34864 12858 73821 42635 99341 62612 07609 77608 10924 34177
85187 21175 91225 68832 28838 13425 34982 61723 71309 54125
70480 51461 41847 19849 82681 23350 19440 18006 20940 35371
00426 12184 63102 26440 77132 03159 58044 16226 74657 99878
18302 55993 42393 64951 84788 39742 47429 68873 35489 35148
66479 37423 59980 43517 23427 26594 71606 48250 69145 09468
79222 61255 50617 09303 90451 26371 66289 63451 68176 89640
54212 52083 12281 95389 10291 76491 88450 17640 83176 21186
75905 86466 42712 84027 55960 18209 69168 09031 13328 09226
59495 06036 71822 02657 98118 91602 36800 87158 88725 35716
65635 37449 94109 48352 38533 55738 80864 90631 51412 23492
15915 44623 02693 22981 11514 26407 95905 37905 65967 76588
30065 92465 96554 12868 99487 38341 11858 78674 75178 48878
20011 72745 89460 29807 20293 93469 95861 06079 74202 82848
25995 93882 03649 04129 15430 17605 12479 37682 20426 80617
78813 29359 97212 49800 14482 75726 66107 62748 38857 80745
31729 17283 63852 67977 81837 52530 36859 82784 36220 81032
38521 69201 67652 81066 82452 55231 66863 08899 13375 31614
73220 39984 50870 58004 43272 98703 75527 81012 78691 85904
04300 98677 85715 63747 52033 55457 88038 07093 25970 02358
64631 80880 50164 06433 34944 52853 66615 44096 62776 01022
10080 62577 01167 25240 03404 43874 49845 22234 70122 55772
47369 33443 11497 23935 69558 25240 44511 09878 56468 10535
47996 28770 39295 71521 13598 91866 89562 92730 48441 07539
62160 63791 26585 25547 54223 61284 35778 58917 51669 69104
16786 67632 85389 46687 94240

Link 60070

7926/6796/5285 kHz, 03-03, 0030/0040/0050 UTC

11166 60070 97531 03075 00049 00000 00000 00000 00000

7926/6796/5285 kHz, 10-03, 0030/0040/0050 UTC

11166 60070 13492 10001 00049 00000 00000 00000 00000

7926/6796/5285 kHz, 17-03, 0030/0040/0050 UTC

11166 60070 96541 17001 00049 00000 00000 00000 00000

7926/6796/5285 kHz, 24-03, 0030/0040/0050 UTC

11166 60070 14789 24075 00049 00000 00000 00000 00000

7926/6796/5285 kHz, 31-03, 0030/0040/0050 UTC

11166 60070 97531 31075 00049 00000 00000 00000 00000

Link 70048

10328/9420/7656 kHz, 05-03, 0800/0810/0820 UTC

11166 70048 85214 05001 00049 00000 00000 00000 00000

10328/9420/7656 kHz, 12-03, 0800/0810/0820 UTC

11166 70048 36987 12001 00049 00000 00000 00000 00000

10328/9420/7656 kHz, 19-03, 0800/0810/0820 UTC

11166 70048 14789 19016 00049 00000 00000 00000 00000

10328/9420/7656 kHz, 26-03, 0800/0810/0820 UTC

11166 70048 45628 26001 00049 00000 00000 00000 00000

Link 70059

9174/7384/5148 kHz, 02-03, 0500/0510/0520 UTC

11166 70059 36987 02001 00049 00000 00000 00000 00000

9174/7384/5148 kHz, 16-03, 0500/0510/0520 UTC

11166 70059 17935 16173 00049 00000 00000 00000 00000

Link 70202

12153/10671/8091 kHz, 02-03, 0700/0710/0720 UTC

13526/11428/8026 kHz, 02-03, 1200/1210/1220 UTC

24592 49181 92713 90181 85949 78927 99495 30658 02697 42206
52191 68502 28124 72151 24836 90772 56874 13723 76004 34159
66509 00318 75581 37613 74417 07032 14840 11480 77232 16522
79507 21581 64964 58408 90506 11663 27026 08141 42059 12669
92334 56283 91838 12269 70692 84141 82868 83069 87614 06673
01839 92965 29810 68631 03536 46048 43491 04855 56080 27520
52698 00667 86645 51055 89841 13302 32356 32035 55627 40307
26045 35098 50569 45858 71571 69450 45276 80916 88364 30357
81686 58174 29901 10277 22450 67723 05794 28050 90650 44381
62181 49594 67034 22619 00103 98550 36955 40021 36558 80290
04211 75218 37917 67758 13960 31231 80391 22554 51913 00161
17239 49713 11978 70167 57396 09616 49544 60667 85223 35461
62613 96690 76048 29744 67933 58342 87201 38176 64349 66289
29226 24484 00548 89229 46950 94522 89377 84263 65111 43149
35951 06120 78219 22277 71688 46157 89342 53567 11520 87099
27507 34188 76408 84428 98403 09069 48401 10363 48075 08104
50381 21390 44281 71731 67721 35258 05231 13330 54009 28383
30359 91869 88051 89600 12848 93251 74333 91206 38567 43780
04117 63220 01136 04199 19376 81800 87778 17733 46754 07771
15670 10567 93720 36172 23461 68211 24129 42785 47660 36177
55351 38576 38573 18408 44190 67974 95475 71901 53737 11947
25714 20964 18387 81788 57418 39525 49170 14576 60519 74961
46624 06219 55747 11862 13349 43043 16313 99166 83477 17852
91949 89128 11215 41392 10005 61523 85651 85174 33269 31556
64038 16568 79236 64892 40694 12130 30472 48258 93757 60087
90782 89043 76952 87919 66876 42348 48560 75976 80198 88901
54788 43063 38625 12308 09721 14946 22718 49035 39037 11696
66206 09605 79687 14823 35402 19275 00000

15993/13941/11648 kHz, 04-03, 1600/1610/1620 UTC

11166 70202 37214 03001 03109
26417 47209 72145 07676 73838 35120 52425 27180 93612 38256
86950 78314 49514 95460 71047 03236 40591 61305 08486 37837
23928 30379 50582 25267 47580 64561 08485 69029 05478 36365
94701 81519 79867 60916 09385 63452 90186 94607 94862 85843
87908 52340 61452 56718 76375 47482 37935 28596 48380 82474
18423 40872 68439 90263 90836 26514 32869 26984 26081 64718
09268 29794 12738 54024 43435 80985 24268 58598 46131 74068
41403 93780 20693 23823 68950 26453 64183 64601 74125 54176
32398 60324 62584 43476 47237 06748 65481 19567 84595 39386
01028 63121 32862 74171 83986 53457 53479 71324 43259 23534
54198 57890 90970 57380 13237 30421 25214 65351 30897 10247

52198 49596 15398 35310 61036 87689 15702 69369 71807 60875
79752 72517 16945 80804 69204 49579 96078 41647 42818 67686
94830 15231 78097 28973 31827 69572 79035 08409 67516 74693
21823 03954 64841 85168 03070 73401 60310 80792 49541 69275
18654 34926 26989 06836 41970 69742 59586 60983 17808 32507
10365 36328 73259 46458 18962 04601 35217 67535 85863 26950
72863 89643 75403 53232 89353 37934 70457 92456 87650 75851
21231 79295 60713 56510 70174 92576 19295 67061 92561 34574
58524 71872 97502 26781 37136 25349 30786 40346 70267 13476
69841 54719 83106 61685 69259 47081 35345 42186 56176 10923
62942 51782 93858 01785 49294 51929 92616 62028 10719 24873
86763 64923 89802 62381 35252 43591 95878 36525 48768 15976
63865 84238 87471 41464 80473 45278 65786 14139 26968 81543
06983 24062 19252 71054 68716 01458 91452 37421 25769 51469
39843 05365 34283 26928 96717 24913 02098 16863 93265 37536
79505 24694 13594 29149 68596 31040 78607 64692 46438 80713
27648 52723 21906 90704 70816 07392 12403 47890 89598 84859
58080 78180 08546 13841 68316 23908 82318 95313 36383 17930
18341 89065 71278 10813 63689 54230 68728 61416 03792 27313
41451 91646 62342 63020 48617 39041 48084 59371 01308 00000

12153/10671/8091 kHz, 09-03, 0700/0710/0720 UTC

13526/11428/8026 kHz, 09-03, 1200/1210/1220 UTC

11166 70202 37485 06020 02799
13219 07290 31184 87403 22590 45641 04922 88566 03569 90314
47016 91800 79143 43243 77070 19798 61188 30861 37575 11653
53359 87345 53891 41512 38080 58277 96280 47471 14786 60643
23672 69166 81638 60123 13854 17497 77873 51602 09787 24911
28986 53843 36707 49696 61936 54257 69724 32711 82558 64704
56595 29997 32366 74273 25359 69707 66940 09969 31519 06787
23089 41246 24473 73843 66954 89329 37863 51652 40279 27257
33535 07723 46992 81584 53805 76371 47320 71681 61715 78733
51604 47571 73957 06156 31013 12237 16167 15409 87333 39343
55267 09144 49039 22295 88546 00052 85804 15600 94166 82141
58672 54431 72784 57595 48053 63369 34970 92614 26737 90230
14115 00724 70120 25934 09520 76934 20822 96342 89341 31240
49882 37012 08091 94861 81737 86787 18368 97680 75138 61188
81531 40300 77230 91509 06968 09183 92948 40592 74670 08279
36944 31181 20807 05604 60214 47827 90956 18198 68626 98256
90719 83888 75521 45152 88364 93323 55594 44281 49230 80683
92221 49910 06538 96526 35442 73441 98327 11205 12768 06209
25190 22275 60006 42372 08489 64358 64304 62847 53754 44877
36571 66208 48950 54104 55498 57500 52278 22974 50333 30896
49234 27075 14627 07145 83576 60280 68111 11738 91919 26441
08916 04739 96624 22580 23307 98205 36669 12032 45123 22155
41210 10962 82116 24992 75496 36698 51372 19358 13834 91319
90992 09315 19297 78933 40244 59831 34853 80086 05351 94472
15614 31737 53110 32264 56880 86233 99536 99646 97670 47735
85714 78472 04437 09509 58033 75962 64633 40546 95016 27586
44845 94930 47920 68784 93144 42398 87274 36475 90383 43528
72589 86281 80090 17996 87377 36427 31678 79335 06703 74222
16626 34638 89435 86083 02355 72632 12403 20277 00000

12153/10671/8091 kHz, 10-03, 0700/0710/0720 UTC. Two messages

13526/11428/8026 kHz, 10-03, 1200/1210/1220 UTC. Two messages

11166 70202 52367 07021 02399
58901 73411 40599 04806 67690 18945 22192 12382 53536 37506
09212 56360 06787 15381 80823 46210 18028 96688 88557 69250
47171 72562 20954 07611 77009 92684 80022 14277 62187 53885
42949 15401 09516 45469 07510 31072 50575 55974 44592 31734
92536 71043 06305 72430 58149 17090 63074 72069 50820 30461

68193 29900 05732 56771 73242 96376 12932 10098 42830 40614
23331 46736 42087 81601 73554 33177 95351 75381 90570 13030
39485 75372 62046 02542 20250 08018 83367 69426 05194 30964
17244 74678 11481 65935 26866 82068 72090 23510 68517 64992
88841 61975 54613 65377 45667 47457 23074 84327 80580 07498
73992 09192 39771 95285 59515 06744 62265 06715 37898 37171
68596 17462 27640 68538 51904 32276 22670 96441 94928 63654
54497 98516 61307 82107 12272 78498 34635 05192 56696 79523
03710 17496 88718 71350 17408 38776 58954 41206 57633 82422
28760 42919 03757 71442 18909 84048 87008 04154 06805 55688
58246 86769 58164 34634 17538 75071 04108 12602 78997 92341
99602 32179 69316 15764 24192 34212 83420 48459 10938 46298
45696 19360 14534 67079 50213 78099 54515 26032 78403 77112
94491 23419 17600 58127 43372 80119 28909 85239 89482 51999
37825 91756 03541 88523 46042 33004 71414 40293 87894 62262
42600 45199 79859 72054 05366 47872 36569 67938 24486 32122
51760 67010 02516 71057 67605 38310 50539 24561 80856 27296
79321 38819 59249 31598 46816 27597 66588 20227 22952 39923
19976 13425 57641 43904 27592 65348 62960 21237 00000

11166 70202 52917 07022 02079

77416 57940 70315 75317 12761 71160 89116 83905 83990 45606
37113 24115 93119 66327 89432 95977 37254 78590 46112 43209
27625 76812 45520 64068 62632 63514 27874 72703 53326 70481
09795 15676 24767 59321 55836 73340 41703 43600 57918 00790
32005 99745 58617 88020 06283 58918 79230 44040 97143 97013
38573 34577 66505 65008 73428 28096 54422 26815 96600 29800
67844 96850 53498 08311 32764 94503 63193 44708 58171 57669
54891 58625 85267 82567 35744 91075 20371 82014 50956 48713
74949 79334 22103 39201 61216 80106 74618 52381 16738 88933
90377 66933 56476 63413 46310 87213 75712 22508 24993 39946
52288 51491 08148 85477 21598 70672 88990 23259 22776 60069
64363 96264 39507 57230 92588 24012 83912 70386 27985 18894
96929 74127 67982 65489 63641 79775 73765 67557 66978 97666
50401 92391 28242 33501 97362 67221 07880 85971 65413 07361
64948 37844 80766 80772 98713 57690 22478 38754 20812 54439
63983 67416 31412 51962 14753 39663 97824 75857 22962 72328
58991 69627 25149 18194 04283 82446 53774 47547 00056 95687
38633 98984 62404 80415 63046 04131 99530 03017 60782 15982
72196 21168 64634 95545 45660 37320 42592 36465 31573 01890
82559 32324 43243 83348 11529 16315 12722 47388 60183 27956
43135 12360 08833 86544 94721 22205 00000

12153/10671/8091 kHz, 11-03, 0700/0710/0720 UTC

13526/11428/8026 kHz, 11-03, 1200/1210/1220 UTC

11166 70202 38769 10023 02599

76743 57065 94503 19657 54291 92145 31518 37300 27911 00058
34099 85143 40946 29912 84794 35867 31469 20488 94559 04568
51613 90627 23500 96247 23718 13719 22030 55336 06727 43447
28376 96963 71282 83003 83363 24652 06948 14933 48433 64123
09988 33823 37806 67911 25165 49007 00758 70450 39968 49474
14919 98355 54728 48172 76557 65553 77039 47900 98761 07968
13947 95962 53477 37449 60314 19782 18325 19619 06830 60662
14145 05339 16071 47873 44202 70469 40077 80263 70981 43629
77865 07581 91528 26617 96321 28678 97253 37207 62906 48809
29154 28993 63623 63195 64377 67963 04667 59041 95075 70513
21210 53199 85476 32563 41752 07673 18118 04477 81471 90123
65182 91473 63020 71603 45860 84211 88197 78665 55692 49235
08943 42069 78817 33975 71074 09247 19072 65984 29229 12729
10871 51102 56424 11722 95813 00229 96689 49001 75948 39403
34200 90343 79635 82868 77353 38648 00949 73813 81223 39969

98540 22474 56835 23615 64928 96290 40683 43526 02120 41803
22954 13111 64527 42964 57870 50718 55106 45578 04600 77950
85648 02532 72175 37990 37181 19512 66849 26136 81391 05909
65329 49734 49029 60574 62333 59693 56224 47130 65894 20759
24640 38522 38857 12761 56421 35492 10008 79991 49864 88668
03264 70923 66739 78956 58374 35443 87221 35911 41554 71796
13348 98795 69505 40420 06951 49997 95249 86864 73005 75493
29215 40982 24316 32057 94016 84568 88495 25890 36361 04657
43162 32369 44526 74636 90301 11586 44834 30398 05721 99388
75576 33675 24540 78584 61806 39796 48660 60019 39458 12003
87134 28195 02216 49544 65394 31136 69570 23257 00000

12153/10671/8091 kHz, 12-03, 0700/0710/0720 UTC. Two messages
13526/11428/8026 kHz, 12-03, 1200/1210/1220 UTC. Two messages

11166 70202 35197 11024 02419
76959 64740 80303 58028 54348 40061 42436 14609 58146 20070
30304 06633 49546 72824 69613 64749 67408 95718 37838 03847
98757 61744 64267 67023 17353 06079 31705 77845 63760 20201
15772 80604 65364 45701 22740 73241 19765 84996 11845 62644
89979 71127 12999 96983 84911 63814 75858 54798 23500 63982
11180 95501 06005 63926 10387 01000 40857 75304 54310 63111
00512 02157 47016 96479 04739 51131 35673 81655 54801 96094
02396 68045 66944 39340 38988 91407 78637 36551 40546 85596
26011 77731 78838 93218 15921 41273 41410 04910 41078 63363
47353 81913 11683 89902 75661 41649 02002 03139 67136 10945
35323 40188 85754 76649 55725 45643 50448 88283 60107 25447
73234 92435 88896 94227 64630 03576 98905 33274 92287 40996
66732 01347 03790 86535 96186 65504 49548 42807 28138 44143
66727 96593 76259 79422 10153 17107 37074 81283 41117 43799
47764 10226 10045 43416 90171 91047 93934 40966 64417 74731
74529 54315 80602 90658 68140 87070 42000 56343 43077 59464
18195 36875 85605 81901 31603 71257 00382 00880 05801 07822
56294 71956 49118 15924 13660 39455 71912 66079 93692 27594
60980 95760 76209 72735 59530 03017 36486 51428 26161 35113
57214 83941 71280 64381 76493 17979 94406 68462 57796 22243
70781 57131 92843 44569 60737 12891 73324 14280 40260 37523
92405 93476 76180 21788 61963 06939 94422 80448 56470 05328
14771 19818 19484 41374 50566 30017 93674 63748 96788 19122
60315 58284 54952 31395 99189 91263 68253 16787 04848 24239
00000

11166 70202 35429 11025 02059
32900 97041 44417 64760 59411 00407 84336 25041 90314 32795
87501 06260 19761 78711 20159 33272 15160 65892 49491 59452
05670 26538 43493 34808 66496 37532 65861 49184 78677 38115
58094 11507 69039 48436 25980 50993 60023 37412 72677 51284
84058 13351 45559 53410 42170 35759 89009 88550 11524 71782
20374 26516 31573 45711 71236 50884 23509 54990 61217 96743
22707 51169 96477 11962 28836 09233 10118 27936 03342 33745
86658 50743 68973 75253 37793 08650 91057 55378 21594 16895
45187 24030 22366 45707 01030 97203 33329 02473 76937 48761
09323 64005 45041 54669 81720 19852 91526 13110 52727 12568
61764 88904 11276 85904 45000 55698 37677 76848 78277 34333
89238 12433 74291 50847 84019 97288 02847 62545 24924 02845
80624 25569 31308 94123 48938 02412 70302 55085 44158 32810
05017 98430 90504 16452 01840 70819 69888 80941 63999 89438
48495 33452 83581 70855 64791 19506 29200 38084 08642 37330
11487 16830 46230 81203 93615 56811 70471 12255 39018 39135
81593 80136 13507 55630 27587 44013 83972 71099 59202 66304
80856 04418 79188 77624 16573 89415 90454 36342 77083 01480
72846 31213 28799 60823 43223 00515 08002 48346 78522 66120

84975 95035 06505 05957 20032 30833 93849 13274 53610 03920
86319 16169 97661 25203 00000

12153/10671/8091 kHz, 13-03, 0700/0710/0720 UTC

11166 70202 91358 13064 00049 00000 00000 00000 00000

12153/10671/8091 kHz, 16-03, 0700/0710/0720 UTC

13526/11428/8026 kHz, 16-03, 1200/1210/1220 UTC

11166 70202 64231 13026 02739

83146 10950 39585 54888 37291 29920 77133 63446 20775 33930
45663 26131 22559 25573 22080 22175 87314 45759 73702 77009
61413 97414 45509 42265 11670 32952 66238 70006 15280 97696
34270 85895 44382 46459 69230 90971 93689 75432 40258 46721
24623 36624 06867 23150 24389 26978 33343 14520 03434 69401
62617 52455 79712 27871 60548 71094 23219 23809 66543 03988
59197 45915 11483 17416 53491 70645 88847 09817 28452 35519
90019 32026 82859 32449 39678 07996 14273 13278 92224 60687
67272 24708 75188 72839 56008 14813 90536 37274 34511 78321
09837 76448 13184 32855 24199 35929 44933 43312 34945 81480
29360 36582 95936 54456 08459 73784 43499 65175 52255 72204
74886 28974 57822 94137 61207 74625 10113 44801 05777 79806
78053 46527 83802 13303 44316 81404 24361 88641 92229 19573
20599 58832 98254 75338 79090 06920 03462 58322 44295 12012
62447 11803 59049 95490 93137 55461 47029 77087 75900 74708
28131 95505 75416 23775 02686 73280 83734 34766 65471 30569
07968 49856 35444 77552 51044 18818 12126 40136 58967 29070
94591 98638 33018 60429 23998 44161 30335 81763 35572 82314
01309 31720 31024 38997 37231 50726 07294 47919 26642 56450
02596 24542 43795 79900 45680 56135 17695 04361 19248 62638
55140 74344 73479 08004 16204 66753 50580 66721 65594 41439
06316 75204 48335 13333 39443 22721 63193 13356 64997 61574
32304 30285 92363 41202 90421 50759 94067 95885 42239 39621
76227 40771 61206 27775 86608 55865 28299 99757 21206 62720
34157 98196 15303 23470 93043 87356 29940 16928 42060 42949
69731 71410 24048 60407 92965 59003 77621 98796 99929 80923
82768 02565 10395 98692 35454 68306 66195 90795 49663 48736
19847 26271 00000

12153/10671/8091 kHz, 17-03, 0700/0710/0720 UTC. Two messages

13526/11428/8026 kHz, 17-03, 1200/1210/1220 UTC. Two messages

11166 70202 13589 16027 01879

91389 70358 94802 82902 67291 06078 96135 11772 65120 75035
02000 56513 16226 19013 21463 38323 80862 85643 99501 91146
49036 01405 25713 23972 45752 66585 52882 32451 82836 83160
80114 33265 24529 51511 80189 19686 59039 96932 75852 61764
93238 11867 94714 99586 12692 24792 57458 03035 74200 31706
79020 96484 23061 51157 87464 71888 52213 88735 90208 38670
45470 21980 42303 83875 72020 41631 96450 41013 24384 10170
39449 91025 17017 23582 44752 43827 87743 87274 95824 73843
69213 42101 59987 07992 22557 01411 17443 89546 50446 85079
75159 66314 31729 61444 20309 76562 44837 33089 92937 31149
72151 27417 82569 15266 02507 77939 78419 58265 74037 07232
27908 44974 24532 47480 83161 66963 41506 59574 40194 37188
29160 36658 00448 16444 34423 03102 09385 25084 99267 44819
51817 38421 31481 31865 08668 89258 11074 19265 04835 25993
74537 36994 02866 99716 44099 05059 22116 78759 94202 34621
88080 14116 72375 01077 41598 04185 16675 00067 62592 32260
36910 22316 88066 75220 51821 08268 29011 06839 99395 68444
15929 44168 62523 80455 27669 10422 77169 98613 83233 12800
15254 37084 01275 58698 59426 27185 00000

11166 70202 56981 16028 02079
51408 88768 70219 35828 06030 44921 89160 36160 09568 40646
01231 80027 28035 36354 35208 19987 42554 04336 60930 22101
42787 64652 12461 00501 93503 86732 39859 95015 16487 67647
44263 65310 54951 22964 75949 99956 12678 51148 00079 63894
85034 57436 59799 32696 24085 48115 91398 87096 04962 31148
71200 66207 85701 84094 98881 02865 77718 75239 46907 89537
69120 48897 30758 48247 68030 10798 79660 02920 58126 74525
12475 77629 83572 54913 48464 69142 05528 19358 07597 67230
97432 32981 80105 21164 71243 58572 69953 75843 51819 97259
41929 25986 41637 80833 27035 61829 43026 51674 65862 04764
30109 91213 94647 56356 87639 82869 03687 09178 58923 20383
22804 92895 70002 97515 13560 54048 22302 40027 72878 92958
70921 65866 77795 06204 30754 84537 26001 08095 77632 71555
51877 29598 36669 78935 22706 18131 75007 67659 44741 86678
41144 73052 33834 85661 18020 39000 30294 95999 82077 81961
62676 66796 85450 70695 90185 46096 03500 32654 78375 78145
14853 22969 87839 65593 06164 16974 80574 20069 18760 12203
73716 49579 79374 50792 95312 56162 82148 98240 21846 42221
14083 39441 02176 49004 41149 77946 97595 75631 97215 49390
92692 52144 43006 85004 56695 64983 87261 86177 59989 58349
87291 95977 75511 59881 71113 28205 00000

12153/10671/8091 kHz, 18-03, 0700/0710/0720 UTC

13526/11428/8026 kHz, 18-03, 1200/1210/1220 UTC

11166 70202 87341 17029 02219
98470 30403 97900 11231 65292 38810 78133 36863 83290 15375
80844 84907 71246 70291 13425 49418 59954 35134 96808 25379
50875 24913 19501 97568 54203 97101 76457 53734 48491 18572
47524 95522 29067 76380 95111 45608 37392 93340 85795 74436
88571 34311 65528 95051 39196 14153 43155 99409 62699 43276
61917 34647 24430 71727 63630 42723 73606 17751 75222 11875
94364 91750 72332 13335 83073 51614 99636 21731 44099 50306
52607 42622 21226 61699 50381 95595 06899 95553 54432 26372
96490 37600 12728 46348 79778 75658 34066 23023 86807 97724
22271 69735 30342 72972 24946 08160 12089 51599 76453 01990
84865 44461 39835 85254 87932 68426 77335 33695 97634 68388
04226 52656 60583 51885 05624 79903 01529 97240 20982 26836
23141 21191 25942 06504 39859 16910 66240 21881 13024 98393
23353 12838 79454 12121 16560 85231 90679 01940 71134 70569
04995 38114 07319 89675 99543 46470 29802 18798 94599 98572
22363 81592 07252 48879 77383 15429 76663 29802 14906 85443
28104 40618 70937 44789 67940 91163 59673 64513 26770 86250
39334 81497 92882 61748 36307 37906 03253 08256 07273 10576
84223 43312 44009 53782 59100 18082 50558 03822 64814 69449
47443 18853 44866 53456 82623 52422 10713 21031 53879 84124
88818 21934 72303 55824 95515 47874 21597 86887 06904 50707
92856 66848 15945 96681 99529 48960 93955 42655 02242 29219
00000

12153/10671/8091 kHz, 19-03, 0700/0710/0720 UTC. Two messages

13526/11428/8026 kHz, 19-03, 1200/1210/1220 UTC. Two messages

11166 70202 86972 18030 01899
67221 36158 48719 60718 40608 34297 72692 33204 97299 44812
39366 31098 79605 71607 05049 94899 59833 00222 92434 88054
80079 40526 22822 51798 95238 85528 28903 62849 30179 40983
21554 61106 87007 05486 09065 39560 63375 05749 92252 13604
67755 16733 83890 11913 42632 21337 25884 56109 31532 89318
02649 21370 50846 80150 74111 95187 52372 99476 76773 76462
87518 63881 66291 82111 09103 53643 99979 53383 71689 58158
82713 79073 16396 43737 24631 77815 51115 98443 84095 06647

62076 33679 94354 88023 17700 47185 97319 72493 50671 77167
32915 79185 29174 02213 57432 81330 53220 66700 89324 28981
37022 36386 05880 26135 63326 13849 39212 04429 20667 68492
45004 60610 59462 60780 42443 49967 27896 65399 48785 52893
73524 23034 56984 56796 21541 75448 29829 20517 65638 63543
09020 13461 32409 93104 62617 46621 05214 97905 19322 37686
18463 54859 62992 77412 58247 30914 85866 89463 30248 66370
23903 00878 80878 24320 22698 65387 82575 60869 07396 06741
19196 95867 55049 74242 32447 88801 92856 27679 15288 49559
70709 93835 63241 38733 81505 61778 19552 37181 27639 09087
75136 89492 57135 76248 09246 51080 17837 30187 00000

11166 70202 18967 18031 02199

88360 81204 89408 84944 33184 42040 23957 43430 23745 32675
02127 38450 15708 56801 44207 55616 32919 87524 60140 41680
69348 70851 35690 79149 80983 78877 67156 03603 91094 29879
30559 93349 57315 17477 96226 86147 73986 16079 24742 02664
08180 54770 05170 81351 92857 76858 21500 54444 25600 27244
58260 19757 46328 34806 81225 87964 92476 82011 54152 10065
55042 78896 77502 14700 83949 83649 60060 10029 16168 36952
59409 29844 25022 02282 52189 28605 14133 29356 20074 55089
04422 82915 62414 59349 87619 04014 71476 12646 44720 96028
31212 45068 52806 52559 25507 30513 28700 69405 66835 73715
82860 07822 81267 79011 81974 01222 10750 05541 43680 22534
18628 38546 11851 54381 09309 31489 85886 29290 98032 98637
02448 32099 91681 62847 93064 81763 66551 88189 66066 34744
54040 52144 86258 77162 70185 37019 50802 97917 49981 45300
84710 59942 72424 68621 04419 11795 87211 65021 22855 06767
79046 24201 94457 21705 30472 25451 23561 92718 69179 17942
84609 09975 10725 78069 27620 38761 32598 23531 67333 59007
40574 88838 79497 40448 13285 91931 52719 95622 35955 46603
69314 77886 59232 00407 13607 16641 44055 02740 31097 06945
78494 32794 86955 95719 77500 42052 97264 31716 01500 91026
31457 71440 54781 84922 09376 58228 49597 37910 41407 16643
46933 20707 85115 29404 09866 71140 16818 31217 00000

12153/10671/8091 kHz, 20-03, 0700/0710/0720 UTC

11166 70202 91358 20065 00049 00000 00000 00000 00000

12153/10671/8091 kHz, 23-03, 0700/0710/0720 UTC

13526/11428/8026 kHz, 23-03, 1200/1210/1220 UTC

11166 70202 35796 20032 02359

26701 31401 61961 01073 08192 26609 82920 61223 39522 05182
30611 99881 64200 37376 94864 33952 80501 58284 44773 52035
22119 64874 82637 27918 44396 40866 37078 29874 89550 76614
31242 05443 29342 76213 87040 46394 08625 68990 51371 63548
38213 67574 55234 26148 10495 39748 41713 45475 36246 86244
23724 07387 26071 41693 57504 83462 64903 40902 42744 75464
53020 17652 85334 72767 11991 28199 83629 27483 79006 16681
24203 76937 38028 64590 97994 68195 61182 91530 72821 64337
58858 99422 83162 37146 61927 77355 23171 75920 84525 09272
53846 67078 40849 51673 60302 24255 14384 73527 20075 73575
03017 75577 68395 23791 88465 31227 71379 75962 03458 16199
43062 52390 95104 19146 67216 49457 07901 50414 09900 44098
34795 91128 33651 08562 09762 49809 49298 13165 40315 18680
66285 21718 03396 46888 27492 09321 53089 72795 39439 57202
13581 82537 33867 04301 55811 87051 21577 60272 81262 34733
24514 09613 61304 01939 96992 61572 05549 28501 72035 25569
57644 90450 93734 16773 41949 27135 21596 21553 09523 64916
17786 77476 56868 04648 53231 47545 15868 65089 93497 93360
38348 99489 50400 76896 23709 27481 10265 45580 63059 49506

74791 80352 98292 35947 75455 11414 19543 08150 47376 31325
49453 53527 73596 60163 87704 41939 35714 42416 14229 35524
31794 80300 74556 09174 47507 33193 95727 23846 91422 37868
06207 19891 30406 29212 58244 22589 86046 66125 76105 77079
78061 92285 78630 32233 00000

12153/10671/8091 kHz, 24-03, 0700/0710/0720 UTC. Two messages
13526/11428/8026 kHz, 24-03, 1200/1210/1220 UTC. Two messages

11166 70202 35178 23033 01919
34977 88125 27532 14794 36738 72122 89778 68857 78936 31083
67301 84425 68324 94647 62674 21216 12743 23281 59546 79092
94598 19424 97150 64347 71005 71946 11310 88495 36525 13584
40390 91778 09435 96057 19630 08567 27478 12551 12286 16838
64018 22240 51033 38931 00545 56563 88057 85749 16457 11916
77276 61617 82079 58452 37122 71963 65835 19701 67339 01021
91509 02657 18210 51742 06561 83054 35669 65107 47391 75505
30729 61001 12538 43179 46666 67883 79708 26733 22387 33390
27598 97162 75434 33101 48435 62261 53053 19628 62181 81386
24766 79221 68335 68214 14881 88093 96265 86166 98389 85624
40019 66199 08671 06659 88543 01652 30458 40069 87248 99822
76489 05776 91858 94978 71293 67408 00488 52471 90536 22808
74875 18663 29378 39543 86714 96329 98262 27626 50020 50252
69596 66639 25469 72657 23735 29433 07650 63222 67727 69589
31161 03310 25255 64856 56491 29128 21189 33715 21626 33512
09228 67283 70312 50998 16027 43738 92925 05886 00276 17446
40860 27986 50156 99986 00407 65717 67608 75257 37032 51268
12859 15853 46005 97484 07637 92895 70312 31192 20520 96512
71796 92628 82845 09145 66448 55675 08626 98876 59806 33189
000000

11166 70202 15297 23034 02179
59376 70705 86472 05261 45765 40125 91155 67673 08186 80875
22431 83065 87176 20632 18561 17145 58213 46508 38811 59768
13239 06484 39372 48306 96212 80863 99377 41488 91081 15937
57958 48421 85652 37030 48270 42482 59761 83147 39433 14746
71209 30377 22312 46667 37884 96256 00090 06676 39509 42276
69560 00393 87467 16727 04080 29144 36118 05055 74117 36464
34062 79929 66341 47272 38787 68209 87178 29416 43119 76978
61779 32264 86943 45867 64339 82036 52602 17817 40695 38560
67432 45497 09153 43141 61860 75552 50468 12232 56509 77868
22932 56595 76741 12046 63482 30632 18083 48265 60801 41586
10963 84742 11308 73289 58206 28944 94008 04151 43723 34764
25131 24064 35818 12847 78474 79943 33575 56239 82431 04540
29739 48561 29596 08265 88541 46891 59915 38675 61908 56532
03308 37331 92478 39875 92693 48700 76880 26520 83378 60800
87697 16862 39711 82267 77564 96316 74972 85543 13830 02378
55425 70850 17219 11701 04451 30670 02945 39385 67371 93874
76916 76542 54265 78003 09174 61216 21752 71842 39113 08183
10693 25882 50425 41867 23154 00636 46324 32077 26601 74972
79052 78737 64683 37586 94260 71688 43979 58201 74996 47600
06092 85669 19235 15911 44512 69568 35897 75432 75523 52436
93047 93766 22633 29316 03325 71231 23843 21540 80449 61332
21101 61741 51441 69400 41443 42150 00000

12153/10671/8091 kHz, 25-03, 0700/0710/0720 UTC
13526/11428/8026 kHz, 25-03, 1200/1210/1220 UTC

11166 70202 54261 24035 02299
72124 37729 68274 99072 95677 78114 44149 52370 52782 21726
77526 20379 21002 16503 83772 33227 92458 05456 64918 11006
92284 12664 08432 01383 85456 71179 95464 64582 20434 35007
29508 60416 83067 42351 21395 17051 59185 22331 91589 86202

29315 62327 75702 14443 43971 78166 44155 85310 52945 54328
71955 11903 87037 46354 19500 84652 15669 62652 10350 03961
28808 67886 16920 52383 16654 75132 90012 86056 45505 18991
93137 50046 53268 26848 27557 47313 13016 30465 58984 15974
38071 85088 81887 94558 27008 88267 82326 79934 72055 15563
85255 07602 79297 15346 97249 09033 74140 29858 80562 25755
90466 34731 19485 84856 66914 14153 64914 65606 98730 13866
68091 11876 18624 39180 39429 70044 05057 90197 93382 57090
41420 51432 65286 88530 74526 78007 11108 20929 45848 45627
26039 88624 93957 56502 42884 39400 51590 18420 96160 98755
85770 39147 62870 17485 54456 03357 15856 82245 78104 24251
50703 93791 49630 87093 72111 42585 31182 26806 50672 36448
11159 06853 86001 59955 19933 91568 37151 70256 27692 29137
06246 59002 72854 87399 86278 35086 94480 09687 09009 07857
67134 82848 53886 75525 61615 34693 03958 48414 80013 02989
59678 61779 38517 43258 46569 57851 96405 67505 77664 41817
54682 31108 56678 41404 72762 10029 32834 24772 76674 35551
43288 56390 57194 78721 04091 95589 81365 01689 35621 67480
65833 18117 33429 60923 85429 29880 20427 35227 00000

12153/10671/8091 kHz, 26-03, 0700/0710/0720 UTC. Two messages
13526/11428/8026 kHz, 26-03, 1200/1210/1220 UTC. Two messages

11166 70202 75249 25036 01799
28320 15422 06915 76141 65413 73960 85169 96309 16074 03228
45601 40346 02592 52151 95233 30269 44497 40621 19713 00332
18218 51541 12349 86014 20752 42914 03266 13489 35767 72124
49574 94268 25593 49619 72530 54719 97519 64170 52591 55118
17856 46908 18331 77958 72178 66309 90133 90166 95202 71327
64607 08949 18734 24866 50669 25928 11110 94755 93213 69267
06587 94450 45327 08481 48112 90614 74972 31593 91906 19790
17080 49362 47299 81333 06987 06234 50258 98814 56169 02720
94049 67055 56187 58898 65460 26998 21792 73705 60029 35601
09139 59722 74711 22937 70022 58130 01433 53681 28098 63538
69949 35191 87998 13355 13472 39351 13314 21401 55471 30370
34346 60445 41122 15731 71587 23361 61803 62465 85862 17569
46113 45957 91069 72486 15815 23440 90445 64640 30170 49400
22322 90140 67084 75060 26273 39222 14507 99123 65620 52500
70522 61987 67228 63673 75569 00594 64506 58329 25231 06110
54587 03550 37024 51640 05594 28009 69629 82128 74944 57246
18004 83669 24626 33802 32812 74393 44390 76902 37600 84124
18777 61384 42174 14993 98944 20546 75600 36177 00000

11166 70202 23491 25037 02619
61091 95577 01632 31687 64214 79712 54668 07412 39208 54797
21987 60007 64908 10495 04309 30161 05180 43246 44472 10166
86984 90379 16684 83925 69176 17820 83840 07298 12953 16100
96345 95954 89907 84369 30878 12946 88611 07071 92529 73166
05678 52978 28768 06896 32224 51295 28647 49611 71693 24482
05710 50261 49952 82510 88026 15178 03616 08241 63786 29824
57533 88584 55908 25560 27367 71167 24081 83615 08212 51165
17686 93461 35183 17998 28043 07755 26917 16581 13397 61061
47919 02814 95107 44533 50694 97987 48464 53724 83604 71817
36562 51751 75383 08765 60691 14959 32248 37356 25662 53304
08550 27169 43504 22631 36891 83193 23998 71021 28663 92228
25441 86425 80914 01033 64117 37744 50526 30891 05895 26554
81590 58293 88384 91668 96959 16425 47108 33718 89889 97131
44104 51931 76721 58069 22413 10321 96533 64714 34884 75441
68699 21925 20724 92925 44302 74742 28254 94969 12329 83111
07280 55968 46586 00226 19536 38482 04281 09160 40635 96718
12193 97503 51955 29728 01389 74662 45905 01489 76400 61523
93011 70076 29826 07174 44254 93098 38263 12358 67096 01598

00541 64355 38641 59583 04164 12981 44358 51406 30929 42376
55810 64152 37623 18295 85822 57239 72771 15561 44533 36407
15349 55396 44755 74297 46406 07288 30100 44795 89543 35107
24283 63330 81165 92138 25065 50325 56461 94742 91258 59970
62048 29295 96235 41526 31207 72137 46379 25321 82655 27187
87914 50658 28795 10919 50553 77790 04366 39394 01395 51175
51453 97030 07517 06180 21770 91791 30699 36434 82176 26502
02704 64017 34345 40949 54573 79656 84533 04480 98357 37259
00000

12153/10671/8091 kHz, 27-03, 0700/0710/0720 UTC

11166 70202 15987 27038 00049 00000 00000 00000 00000

12153/10671/8091 kHz, 30-03, 0700/0710/0720 UTC

13526/11428/8026 kHz, 30-03, 1200/1210/1220 UTC

11166 70202 38796 27038 02659

89618 27514 74871 50882 01195 99780 31451 26711 28492 94508
83708 18088 20888 59350 48685 79142 68641 18616 88045 93762
43994 72559 73259 45239 68162 26064 97748 20777 52636 88896
46951 05557 88235 14747 62234 46035 80360 71210 59587 87167
53865 57927 89037 13250 76003 15045 45729 47055 70873 89203
68603 86964 23807 49229 87600 86766 99137 68717 05352 07828
19786 17707 24266 98308 82091 30614 54977 79116 04348 42630
67063 41295 32457 11758 68003 84509 51157 68687 21281 51349
74245 61687 39591 37108 12254 88697 14088 79747 40993 33831
65590 59716 19420 50439 28715 64323 30256 57965 04843 96356
41797 44738 44882 31611 14354 93925 47743 55047 99755 74806
85482 30243 07360 66570 91037 81828 35006 06825 69505 95605
88342 81988 18882 66028 36974 01780 71221 45730 80861 24961
90142 76793 25412 28550 85610 08444 88702 37672 31956 30858
89266 58242 00042 79770 87879 79672 39532 91570 81798 39778
72201 13575 74867 69086 82205 99163 71949 56725 14275 42465
71101 05076 15744 32281 51956 65390 83376 29937 83714 71548
00903 00748 01221 14151 78226 53777 22531 22123 28226 69595
06427 44040 42084 20706 73309 46333 49105 14336 37906 70586
71924 12282 27235 17097 13083 07485 82257 46897 33870 62045
66661 19421 11406 36334 31212 07996 84869 63919 07102 60364
26833 51973 26750 96404 00628 11858 95471 60249 89684 49569
62470 68985 09784 70742 64581 25123 40153 79883 41207 85021
34346 78534 43880 00465 96853 92048 88895 75557 36364 79668
26444 06153 31630 07590 24689 93979 70864 89704 92220 52669
50612 25702 87328 47857 45028 91225 87522 38565 81513 59767
17757 12027 83619 38263 00000

12153/10671/8091 kHz, 31-03, 0700/0710/0720 UTC. Two messages

13526/11428/8026 kHz, 31-03, 1200/1210/1220 UTC. Two messages

11166 70202 14785 31039 01899

61969 62664 79882 08623 60335 57694 57262 37827 73647 39523
36788 57592 34227 06548 69411 92474 88843 87615 49337 38376
16411 49241 43878 80565 61792 83391 26137 25841 40411 49284
77712 84808 93342 67611 53607 65176 97591 90654 26538 62040
61226 96714 52818 56066 58061 82286 27017 55527 81587 50439
17574 43124 22816 18813 00558 13525 01751 95687 33754 12572
07142 97558 38277 14078 24248 06644 79890 95166 55259 91781
67212 96077 62092 41138 09013 75385 86227 80168 97777 96566
25297 73270 11728 06851 71086 32571 52482 94292 38655 82270
60558 34009 41259 52002 75884 59511 90757 97620 35527 20068
28199 72879 25806 10046 14269 00420 30996 81165 34288 15513
45794 73588 97451 80999 43749 26809 34988 96849 18829 56253
26938 52796 42328 06549 12233 97467 02288 17385 61754 22465
17623 62912 19083 84814 44153 50612 38594 16244 14702 90579

75620 92702 80476 71149 08341 62578 45900 01815 96100 57048
14088 09357 03843 30983 85156 98146 47345 07868 74555 10539
38937 27158 43599 48299 38397 17516 59399 41006 38718 44362
26379 72365 41413 05182 56550 00372 01069 71023 70758 32246
43816 97625 48061 40113 89426 54610 65447 39187 00000

11166 70202 36985 31040 01679
97297 23919 74375 72992 20745 72696 22754 71230 63093 87407
46986 24985 90824 00821 87750 96799 87425 59261 96075 13868
24092 69842 38268 36408 20358 97409 49374 68724 18122 28379
21109 42616 17476 43651 35205 27851 47792 67803 78100 49366
72506 86735 97913 15903 51021 50956 89648 89749 06184 06707
19546 52289 70763 22102 24547 45033 11370 00482 47779 90828
53251 98146 96027 24934 54415 88691 30102 90641 02489 41093
24067 79139 32784 03765 54243 18301 90987 11754 03942 40083
88913 59264 94850 81230 26767 04712 81029 96965 80338 00473
66424 92352 76591 64533 31870 01032 06053 36227 82491 65990
45465 83227 51463 02092 89128 52009 21040 45010 12371 78953
46828 16294 15584 04277 96196 59222 22265 55989 36806 25150
29500 96051 36156 15033 34321 45935 58115 05808 84387 33755
67361 16337 26417 30179 77657 92574 50805 65293 04934 16672
55881 43608 11069 69689 80224 99396 49352 02611 76484 59563
47528 95347 25149 06201 89383 08416 11682 56059 80808 56976
15482 99084 11261 61932 84101 40165 00000

Link 80214

16054/13471/11162 kHz, 05-03, 1320/1340/1350 UTC
11166 80214 83458 05041 00049 00000 00000 00000 00000

16054/13471/11162 kHz, 19-03, 1320/1340/1350 UTC
11166 80214 15648 19054 00049 00000 00000 00000 00000

16054/13471/11162 kHz, 12-03, 1320/1340/1350 UTC
11166 80214 78214 12078 00049 00000 00000 00000 00000

16054/13471/11162 kHz, 26-03, 1320/1340/1350 UTC
11166 80214 15648 26059 00049 00000 00000 00000 00000

Link 90017

15739/13429/11068 kHz, 04-03, 1520/1530/1540 UTC
11166 90017 48217 03007 02299
73938 73958 98393 13520 97269 98136 90927 01479 36329 60350
35612 39235 12585 79412 83865 21519 46104 71376 27129 01404
51592 98795 27090 09736 52910 63725 43734 90831 49689 81024
70856 36201 20924 43565 75104 63214 63059 56938 15427 35129
89725 14063 36801 02063 42796 26417 08474 47419 75721 35972
25954 18670 94046 43815 81893 42987 45615 82475 46746 65625
72192 13574 81385 40918 45671 53432 15727 53532 64392 92374
75682 26535 43730 90189 79027 08987 61037 24352 15907 79212
63906 39717 35615 57843 28952 27624 09629 56429 03570 89079
47192 42841 65738 56786 20360 74721 71923 60495 17451 04189
56868 87461 91365 21257 76434 78485 04617 26190 71369 20271
18438 17492 63674 87079 08563 07019 36252 19052 08608 90121
36374 51489 23609 78279 97587 65369 76453 63764 89347 60103
10139 94890 38103 42519 15285 78529 70363 57873 04329 27262
07525 34876 65429 74131 01650 34510 46852 58293 20181 76276
31396 51272 30927 68532 26406 60325 29574 85464 27495 83826
92393 74872 62935 68370 90987 07463 53964 59848 01349 41949
04693 30403 89034 73949 96105 64814 37560 53619 02408 16040
30380 97815 17617 02563 83175 21653 27068 51767 46861 03821
65175 94673 28687 15748 83038 39404 45719 49357 01041 72147
58295 58701 94567 41930 38169 37804 59751 76131 08529 27545
26175 48429 57507 24621 61719 40106 94983 52090 91796 69865
56416 38205 90821 12678 36508 46259 95104 07227 00000

19325 /17513/15766 kHz, 01-03, 1510/1520/1530 UTC

File 04405, 864 bytes

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 497ddd7ad58b417014d57ab776bf2a81
 fe4b0981575678e58fbd21d05e44e87
 9218851c09c7d5b780934ac207aab9c5
 c7f62d04a40df5b6daeecb1440eef526
 12795f79817101455f5a14bfaba2f791
 cca4abb0c9465e19cb4d6f1fa9bbc354
 5edc7f45a2e1628103175eac3322289b
 78d4ddab657dfdde4bcc4d6e0ba666d9
 3b820798c7356d136e3c416ae7e8e53c
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 a5b132ef3a4f6abf58bf6bbe7ff71973
 7fcc2d1845a225782279da082f9d8837
 c9b14b2a3fd5736e2d1b1f522b9507e1
 b6a565cc8b5d64a0d01c8e26ceb708d5
 0bcfb48c092f772e0c4c32b28c4d41cc
 5025844f4caa47cbbcc5822d1f095e4f
 015de2bfc38b3b2ec9d60e50b9edb01e
 bcde4abcedda397d53f92cbf3244dda3
 75ae5dce88db55c3ebbeb0803b889063
 a0678a91c4ff7d5cb7bf94658a5c2b6f
 671ec2296bd43167ae8eab7e107472cf
 d45b29b01cf22934bda45489218a42f7
 0807c3a670ef0eb501542564ab4b3a36

65592460344e24f2efb89d7b624a7124
 c0cb237b906bff6f89a2d636f2ed2113
 9205884a3f722da98b8e336d2e5d5a80
 29d0bc46b948ec7a9c8e0ed73f7bb282
 d2057a7d6681d691813e6d78d7c8f43b
 117d7b06cc4c91dd47b2ae11605ccf47
 cc032e6bc16482037865389528d2892a
 7b41611f9d017bc7492c2c92973aabc6
 5cb0f2eb62c66c7fc92213a55b08b6c4
 9e8b815bf5b31086159e91ea9904cf09
 95be22354a15a1a7821a126b203b6f24
 e5d206e593758691d32d7c9093ed17bf
 b9e333ea718703436574de8e9c7ffa0b
 ed8e2c4d261ce98060851edb206ab338
 42dcaa0bc211463ce7dcb099682df1dc
 8a3b44875541170f49d23e095437286a
 dd6723fd1c70f4a231835bfb8ee0439e
 c25bb2edb742c420d3c7343cb4524ff0
 69464d8c53236ba6211c41088f7a31fe
 d074f039db4078b6f699f0793bfd5306
 fc41ebe62c6edba149df5af65f20534c
 230d8b8d41208efc5d04f2a857beb58f
 de23d29d64574b0def8832e26738927a
 5cb3226c5f8d363d67445197e9614910
 8cbbefa6aaab93870b57eaca82712d21
 52f96cbf9df472ea291bb6f849f337b3
 b6dc405d9ff960d44c11349100bab67c
 11723100999999999999999999999999

20440/18726/16139 kHz, 14-03/15-03, 1500/1515/1530 UTC

File 04407 (848 bytes)

0000032f000000303434303700000000
 b98d3adf4a56124297fa479342c7eafe
 a6d9463a5e4565ad388f47e69596ffb2
 41c66c0904c347e95901c9e115ed20e4
 f3956d9e3ffa1175227e77d74b0da693
 e901425238d2da7e201d96159d929f45
 e9caf4d0ae23668db111ef8fbf9cc0b5
 c5e48ec266e3123b75d9c79323044f82
 c9a408869c5acadbc06dca786a8a17e2
 29f23dda734cf72f0574fc4fd4055950
 787dd78c612f6b174d6da992ae94b73a
 0ee2402ea756563ea1e456d4c2cb2bb6
 80e694c0b72536cf7c9eaf71cbe9f12e
 0e9f8d67ae3ec21f3cce7a3fe2017a12
 10a57616bbb2e0649341853deb2e5985
 69461b429834905ef19094430cc43a13
 f8b2b893f143e00cfc4d55b2187bc859
 032be890da5fda5afb375025ffa6a6bd
 ae3998533d3672d04769d11f415c5a19
 64d4f5364bd67c46bc89e1bf5bad3d6b
 4d9b5b84ebde958e26f52d693ad16f86
 b8fc472c29a81829b7fcfc7fa655c1c6
 916c466ba8820cf670021f07b94eacb8
 ce91e78013d514e096bc9c66498a3ad1
 dd76a65c885d608e2055e5065bbbfa18
 1ab6e1510d539a1826a83f0b91aef0de

37b4c8c4ff9fdab054693d049e758466
 b3c247d6800a965657556798b0997397
 4757ff20e96b8c894f696d36e54bbcb2
 563e2e5738d7baf13e0a19cab99495f9
 5cc5a40483d7481978393c6478825664
 62ebaf31648d7b1514c3a0f3a85c6c52
 689410186feea637596ef6ea81d14a36
 dab9e6d49bef14c0352ec9f859255448
 ff93a314b5b1018ca2516bb71165d536
 67d1f5c6d2b781c622b0e7558c94ebd3
 5dc2bfc9be11799525e0ef4f1ade77c6
 558c019f689185ce7f60cf16e9c4123f
 5e55cc1958f7f1a4d8cc5aca7450f59e
 9279320c1b20a454170adcdef642f12d
 85b535fcb53c11ddd67c08d4d94257c7
 b35ab6ce11f827a7d42eebe22310f190
 f67e687b6db1443a5f08d9aceab2eaa0
 f027bdbad1a31deac9ff5fedc0a5c2b2
 7d81d9b67818b989d53f3128280f3eda
 230a7db9479c581529641d5b02eb562f
 85c3fedf3629656bbea2f7adfc3d287d
 ce612ec7c4566bf34df98f1f0340e4f6
 227c523e688dff55c5669939b195bfe2
 13bf0ef6fd36b124b30fa3bfbf75e54d
 0919552e35e60191b975055b75e262b9
 baeb5d690994481afba7cc5418d218cc
 943a8a00999999999999999999999999

20440/18726/16139 kHz, 07-03/08-03, 1500/1515/1530 UTC

File 04406 (1056 bytes)

00000400000000303434303600000000
7de132f60d0a0d0a0d0a1fd9ef9a4a86
4e6e34742d11acd2ee9e01c83b6cc437
5e38bf6e83d09445fadf52dc8e5117
ae1e725ed8b3272913e319ee26e289f6
913d3f1ffe8719699878d2e7a3501a23
ea8030fcf1fa7488ee96b691fe7343a4
1c55d5ddc94401d8720bc376fa4f3760
fc5ab37aaddbea36b32a3885bfa9654
bd10b58abe274961f59c1f50db51dcbc
e3889ff60a2454e4f9c78e1f19a5cb4c
341478027b22128a14c6463c866de458
a3f8ff83c66da9698df90b1759f6cd08
4618181060fda18843b67f757d11cc88
42ac402a662954049f0092a480c42c36
bdebf87593545e487e2ff2a886fcb6d4
ccbd37e42f9e0e392aa77d6d36391bb8
656cdae8fe95d5694285adf7ac4268fa
4e5417a22fe5b743af4f0c8f67d373a5
0f90e8114e05b93e91a4a1f83c4d4ce9
ddb07d4534eb520e32ec629b4465ae48
9062ad8cf5badd0f208a2b6cbd86ec7
8f2565a5d272053e3a0486934216ed1f
c2fc1aec289f3ada6dc46baf2ef482eb
8019338e610e1c26d4b563f0185ef3dc
8d03f0968ff2846845f0fe90e687dc47
5586ffdb43401088508fc0a87669d900
660e6977a8247089a24be632dee7fc3c
2f43e4128747998bad565c5d1919eb1b
9f4fadefc5dd417bdabb4990327d49a1
168df323525a51407c1185993ca720e6
543850c11e1c54eebb2604dd3cee5844
6a1e300c0121e6f28bb24a881c211f88

819082b6e175edcc917d99d47f05dce4
cd07acbefb2a03d28fad99ec40d2867
ae649e61dccf37c9716eac8c1dc37770
9b7efbe8800350fe80316afe854698da
2ecf8b5c9c137ba8a1630ab0aa3bf085
1021aeb494a9b71c3f19dfe4e07ef284
ea3fc808677d44f63cc0fc900eccd894c
57a6b6bd9f031551e6d0a2969f7f8ae7
cf343ab9441d3ef2e179b0ed722e2720
9ed96b91cbc96778185613d2cc6959b9
ce4429b903d5398fb01a36fd45655594
1a9887b4088ad01ef64074c8b9adf9e6
dd174044335e2a7650be846a3ad03f6a
01d6279d0aa697842ab4ed1cfb12aa8c
f36a918d2c422a01ea197352461eb89c
8e9aceb6485227a0df6f89e668b251fd
0e0e90b806e276402e70c048a4543656
ffff6260fd990f1cc6c137b11ffc74c1
2fe715de9f6f6ef84c9e0d51d4cad1f9
99332eed2a570155118dcc7f80b23f91
5bef5b0c98f2979efb0fdee8962c491a
a17adfa4913ed35c7a4cfc32ee9835c
9a33044357469a6075c69dfbf37cfe81
642a88c1bad382f83c086565130eb346
fbd21379051a431d775898eb330df72b
2eae9f72f06f2aa2176385c15bdde7a3
a74e4aa7b2b328469606d8bd9b326224
8dc607c2b31a2c9e30bd9fc93aea355b
bd28f84e424b649a42696b4d30954776
e767452b4b9717f641485a7159b750ef
be751b57545fcfb618f0451823b886a3
e2f81d2170bdc55e1b00360982940605
d7f5d5570099999999999999999999

20440/18726/16139 kHz, 21-03/22-03, 1500/1515/1530 UTC

File 04408 (960 bytes)

0000039e000000303434303800000000
b49bfdf20d0a0d0a0d0a3946f625c2be
40eb3edf7983a0d59d370343078d5844
f6ee9d289b4d05025e87cd6b0a769708
f60088c47a8688c43b8c5583157a5aa3
b3ca6d5e200fe9a6df95c154539b8f0c
815db89b866b13083210cf9db4b96a8b
469e010c412f4c1704f902ff9efb91a9
28b94521327265b3bd47d8f09c454b1f
3f930c123a3feb691064f1ac0ea2b6c6
43329ed7e501565ba995491fdabaf187
3f3834121df73935dc6e62de193f4e4b
3e482403daa0721a58427210cd5c84ec
fd7f1475d0305a97d4929b608b27dc25
9bde2baf21fbf78ec07d14ed2c0f617f
45be3d650bea292df6305b3c80501545
ee3dfda79ce4dad96a576525fd5d1971
f5b02fd25d47321ed88bd0c56c57e49f
e011d77e0450c2a175c40f6b9d7570fb
01736470258eb70fa1c99e8d157b682e
2e6be989e3560b0f929e30b4bd275e56
6e8846b69b2aaf2e0cf7df6e95a0f4ee
a9be5ae19933c4d208a35b3c61e911c2
58d734e0c6aac22a6a031e845b4e0ee0
36e342645949b01caf739680e1d6e983
eea981ed85bf4f379fc05a3028b17108
cd16aeb32b1c49a3f7945a44e9aa7ade
72ad74a08842660e21e6091513980b70
7cf79f34e955b8a0e06e958e7ac98e1e
3bf44981562cceeafe11121d8777ff26

638a0b1144c0ded20150aba7e9362094
b5f62edb479dff8ad5bed1744265a338
b738da35bf4f4f7b836a7020dd9c6191
5d8b47bf89d62834da52178a571f83be
c1cdea54b015516024d22fc95349b66d
c8f4aaff1d402bb0d41328152a035ccf
dd790be3444ce1cc3780a7ba9b2fb883
9bd06332d8639c48202eba0b78172289
7ed1041b7950ae8ca052084d5ae23332
922870b564f0c5cdaeb0fcaa4e01fa0d
26cc8cf923a31bf3da0afa21879e28dc
7b65c6a73ebaa593008e8d730e0e407f
70c6513fae841d7f34c9617703fcae8
39564bebb8b5eb72309f8029702c8209
0981f47348e9ea918da16b58b54884c3
c32cda29f7fe00c6e89d5ed67cf082d7
b0200add8e9297ffdc787a4c49ddf1d9
257d41ccf4d3fa6f6a2824c59392381b
3b2b1c8cddf47c83ac203aa276cae2a0
7c4546037c97a9d188c3408765ecce0a
928fa8512e447e045ad0944dd87a5c8c
fbe19dc331d18fd4aad698f1fa80a2db
b49b1ec14dda3becd7a1e7845e01971a
ea13f3c2882bdfc3cab831bab7047ce
af05e437d7330227ab8f06c14e1400c9
a402e77ccb7385ef7f72ce6227848421
aae452ce42f0d629ee7c35c13f0d371b
96380b31179e1d6ce63eb8667128531b
ddb4b669d3d56fe74e2d2f891fe91297
44a30099999999999999999999999999

20440/18726/16139 kHz, 28-03/29-03, 1500/1515/1530 UTC

File 04409 (1024 bytes)

000003dd000000303434303900000000
d4e2696a8763e5c5b7c375913c7a61c9
bd949e9bb323a6be19ff650b3a637cc4
93b652d0d802b2b771f5e5341b689d99
84c81368edd822cc4db15de778f55119
2a9175aa23948f8e94e56e2496e75622
6f578119d3ee7d366d97613c5d3e14d4
778c1fa36e17d0d434d19c0543c908bc
93818ed16e6a3c806c550f0840db3607
2f13caf7431cb188a849a3b1bdf597b1
c65c046549eacca282e7ac7e807d8ab6
cc651195b1ca4c1b89305733a3674840
a3d1d45f759c7c082d9a1e047de94ada
8a95b62248daa474b5c033cc982cc59c
8b9e0ffc85457e932d12f3369df81160
6d8b9df51f9a9eed518554f144681ded
a155ec2f923dea96854458e04796e02a
3802cf18d0ec0455c15f7c4a5051c34e
cc59c69c376fbc9807b2307e9c51a0d
758a784d794681ecb18210b46d338ccd
b7e51c9d945bd29aa955cbe1f59a88d2
7386eb06bcb1a9690f781a40c6cb26e
d30690404e15ef86d0c56cd8de3c5635
412d9a6cbfcceff60d1b4932a56fd428
529de9478c45bcc40b10c48b1eea14e8
b78a1f592cc9ad32229ded0334c3f4e6
2d611226fb27c3eab1d139cd32f3b791
6d7d375d306c202e0882fc5fb6037887
1ed91908ca8b73065ff7d2a39cbe97c7
c1bac2bd7e116a71bea11127efde2bde
a56331cbadd42096f5c43a4adec17019
d4c7c66f4ca58ff48729686fa6163ab2

0532b2ffdcfb009099cec12f848b6206
8c006a1f54a97926e898e481a68237bf
474915eb148a2f5bb2005cf41abdf106
9294fb2cd334f6e9acc40bd8be0e1ab3
3583f98793a3add3ed97a171300a067f
5386ebab8cef593e2d40526c0b73d32
5e8c21821ff85c493b27ccb05c3cedd1
02afce63c5184deddc44a14e84925cd2
18e7753effd20480cf95bdf03730564b
94b95ccf4782383731e7516ae5c49c1f
78e8fdcff0d4fb0221cf8a45ed75533
c124731f6092d022bade2ac6c1888198
5ab9eaff6e18ce87f24ba571713563c1
08421337e3415ad498a4e5e3fc2ef6b0
5e578e4c22f7f3233e038f3215645c24
aa3c60ae261ef8e72b04e1757d184acd
e7945fe8724216194a7b26f7f58f7f7b
ad0da4d0024ab66a1a1e20652ebd2e4c
1e14f9b83a257172a03d7e01bcf972dd
d9834c9dd67c7fdf516847cffffa9b97b
ec511a56da6024a80b284ec81bf53c52
bd43e7c782fd253bfda99f05e278669d
0299a50f354733ac9c6df2f5c8ed4ad8
aac32bb76fab5de891fd178acfe011ea
d30da0e5b4c183e3a8956a687b5e6b5e
b550f08984f8c1c6c3d64017c0a6fe8c
96a2378e444ae224c8775933f2d8d5cc
b808340b31e9ce268ff65099b4a5d2a3
4822b77253f2fdbbd644089ced001ff8
50df16c16719e5cd31782031afcc9941
a72995b0d55d696af57d621f318f45b2
df009999999999999999999999999999

6895/5813/4799 kHz, 06-03, 0500/0515/0530 UTC

File 44411 (464 bytes)

000001ac000000343434313100000000
8044bdc26305f0df40e906c625d70f6c
da25ebbe819ed7c03ede2c2d26da36f5
d6dd9c2e8d769305e0a66cfd70f0e3e0
22ba67baa4977380e62bf0301a55e181
eb2a3df1eac4e6c74a6d08355ae1f4f0
6796427e4a3eb6ff3a5d6cb953320121
8151a499f26c8de986a82c6766488c3d
5eedd461bdf196a0778b58485439300c
9720ca6f8bd1d57b84e0a05051fe9f38
0cdbecbed45bc661e6afe959ca5ff063
e672f61b65a8d56e5fe247bac27f19cb
b8d0e5652cdf47709b437272eafed60d
b2befb0143489d494065d8fe2afa931f
6ec31aca56845f8b4882e3da97b9417d

4b87276559dcf7dd61f043366a4af95a
0ef306e99e7dfa4e812056d5d0fae3ad
d702ae18b98c0fadbd2d046d4da527ce3
3108cbcc388bc97255bd0d818f704f50
65131de0cc65e40569c8a2b9fb1330d9
b5355cfdb678729e55b8f0e3c86b42a4
aeba95a0151078ec341952e7a07abcf6
46a1d232653b1d8e854392027005b04e
b60427180e8f7eda1b87e0e5eb4f59c4
886206817fdfdb1944c93523de1b6c80
2160c34e9cc383625fc693e83869c31c
a9864318cffa6baa7d2712c879ca5f81
24dce41bc254044c930a76bf19169694
00999999999999999999999999999999

6895/5813/4799 kHz, 12-03/13-03, 0500/0515/0530 UTC

File 44412 (1344 bytes)

0000051c000000343434313200000000
05301e81614d91b1a38c30a55fcd305c
8ab4cd15eff3be5ff62397a8c91461f5
e384cd2fafd8c7606ef2aa772e3df4a1
051c7e311be73dbd38261b5ca0d2f095
4f066426de1a023da03e1581bdfa92dd
89d6898ec2a305397e57aa2db7fa77bc
d77a9f0bf5f7250d9c1fdcd9c5f2057
f4a47033fe3c8babef6a53accf1503e3
af785966dcbcbde4c00468143473692f
a053711831355a6033d6fc8249c97dc2
f9653e1e376a6992d7e05359133149ea
d14c626a32663097d99911c09861a49e
a55c6fe0d5d9fb7c0a7def2618af8318
8c293e0f6b212f0c351e3131328dc445
9fb884b13cefa7fd80a68e1e5fc4f8a1
af609b8e4df662c3d9b532b1a7f173ff
fe43f0ad76701d3384c81730bda2607b
25f981764adee0c269adb8df28a4b2e6
90459a82d7cffd20f8a0a5317ce99d5f
0e52d991bb02181503f05c038815a3b2
078f7d4fba51c7f98189bc934b907377
d5a1f87a58088351bf9ef9966e6ad848
1b54db4f11d7492a417124e6a43fc026
c982fb9f40e6d2f5fb2905d70b6369be
7dcba33fd464520f28d5a8311d5a5e8d
f1cbf7757506e5d446260e39ba2aeb71
de48eadde20490f5a809f25818abb7d9
3c8ec3ef792ace278e2ff876dd1c45bf
b8aadf0ca1ed8450997352ef0cbf6624
a2677e4bc15ed0b45e535cf6c7876800
2267bff2db1317e84e66f415ef7af432
92f9767f690db5f0437b801937c24909
49f2517e602ea174885a058346057458
7348c8cbeab8e72befc11744bb93cb4b
d91382834a1e18b7e26b8f799e32b802
128b8120e2e5107490102f6d70768600
f64953bc55ddc0bddd28170aa484da22
86a64d50f196db55e5990c9356dabd3e
2f531b450d6bb85ec8168d46d5b9a799
e65b53b0461307ce658a3b04109b9536
239a4f99c2232756e2dca3b4bdb17dc7

e6df68665e1833ad38339afd81b86267
30d39dd9bdbb05c719e89842a745220f
af99345663f5aacab2f0a299a9db6ffe
721ab19d4cc1de9b31e352307a316bbe
edf2179e42b68900251fab0474aed16e
2cb789c9b0c3ee6b5caf6b050ca79a8f
110d580fc37753689766cac49051d3a0
f92bcac64fdc7467358c2cd1182ef107
1da881328a8c9fff2b44972774184dc7
180d258a64d3bbfa34adc668f684d37e
e82253309a48d086a808c59f68ed6fb3
4aceab48d117cdac0627697047dd3c74
145962140181cbb07bb87427c46dc798
42db0e96ed579765a850d1eb2d77ad1e
a970a983bad92b99c0fe8ec42c270c4b
930259b3e42e28525018038932ad65d5
21d77198efc922b6a47e368883fe6768
0c6d09488c1e84c8927a87c67757e905
eb24f28e8e3002ea88479d36842bc92b
6929789bec82387daee6f15a21035ee9
349d1e262ed960f0125f4175f46affd0
f8b383d93da3a91814074a7b4acd7845
18b440c2f002b87c7400dad26b7766c1
620224db693bba567e36a0a84979a5e8
05e8c72876cdb2521b2e000fa2f625f9
58ccef846d4ff2445783bc1b52e1df75
757676ad87db5f31b1cb94ed77347c5b
885a27df962da7c2164bf6f8f9470629
4d0780abd10ddd0e3bdee402e396232c
42ce260a023f5f433bb8ed49c5679ffc
fe9b750d248f050307e22d28f6e9f421
a8174a1cebfc603d94138a776dd52a
58ecd3f0f55f601a2fe58c6a8e90245f
646042714bbfc0754d12e491d6d2befa
49b0380360c904f2d28c1d48e02fb636
da611656ebc1f936edf66d9f36772437
a69fcdfed06afc2428dd4f0153fbc86f
c9212c45246f0cce42b123a90de03b81
c77407ad7c03e90f11b5da9298512b00
6d183842d19f0b91864add6773fd242e
c22e824fc28b4eafbc95fa312c528b4a
00999999999999999999999999999999

6895/5813/4799 kHz, 19-03/20-03, 0500/0515/0530 UTC

File 44413 (1296 bytes)

000004f4000000343434313300000000
d24be716b6425a2b7818af6e4e80e983
71b22d6375dbcb18ba3393af86e1cb16
22cc4baeb1befa3f81c0aecee5d4e55b
6542aa076631b1fd4f2634c933a6136f
846c9ba631132e6147e167e18b8e5774
1414cb3646daaff2a8ae6274b5d15400
5cbdd427a6bd6fe7d7907331cdcfbf86
c15ca18d78b0c4a90c51d73cd7e3d9f0
5b1623d50d70183ea4d9cc0bedf4ebe2
cb0540d2912b1abe23f9e15a5b925709
48e6cc3e772b260e555446f478767aff
3c1db7604da73a541bbf89b485dec0de
5ad40cccab0ed58ae82645aa68b6ff06
894930788dd2a97952a91975a580f1b1
04a95e7bbc6ae85d514cc3752a6547af
010f7518adb53abd84ec39ffc9ea9b43
68e1cf4dbdc9fd03a7d015693946266e
c3c10b19f043e06c62e843c714af00f1
04a18b826a13dc4f6e1b5a7928978cc6
50be33f066f2a1a36435b28e043b3cc3
9221fb320aead0e017e5ba1ebf6a7f4a
0434cfe10897b211843d0329428a4a4a
00effe0c6a13faf4d37e8392d6afb05
9f300739d730571064f8d0d275954233
658e56b4215dbf18df8d3c81a90d781e
0c0ff27d7fa893ac64bc17ece07e0502
e8800a07a79da29c497518bf9ad9b2b6
a1cc5f8f1abf7973436ed493ca72e3c2
281225661c5137064d99d7bf38f1ba93
d07c07495d1e563a276d2f3c9deb2012
212e199e878d802266fa47c93c95015b
db58a56811b3fd514b04848184628e15
f42782e628d5ed1a15f1837f9ea1a1dd
ec34ff31d55aea2c4766d13dc00ff332
0385509ae2f2327ed2414bfc23830205
3aa53eef8463122ead16842eb30bcf0b
8a5a651670b06a88d3590fdb8810e7f3
27ba8e7a9179491a7c52a0a8f65bb68d
648ff395db7eaf8926d2b391f015e4ee
4a75bf340d609e3e6c0f318ac23dc2bd

d92b9a3c91c3e0c1008f4a93a40daa3a
102ca2158f131a69eb6488acdacec904
b8423b059d4fc1cb0fd3d9b47c9dca7b
280970e97a19c3c5969a68206d7c1e41
1420e3fa2ba33c1d5e5e7fbdc9945e7c
3fe354c8b7afc96d60189623a8f9d370
5badf1684ee75e9ddfa9341a69a0e026
7992b4c6025003c44ced55c22e79fb82
94dfd70c9549dcff39d69f84139c1602
8ff791e7f7c348890fb813de29241c27
cc4294fd4fad4b8ec998132446b9a07a
f9e6b7739ce2a5a4c419a4ad55a7e3d9
f842e01cd3fb87bbd44069408d2f72af
a6e0694e075c1e8d0091d24291d4a155
11ab2bd1398592064804f0642d875781
1927c102d8489d176856636eb66ec599
5d7ec03c10f66e2f1c349e520d895f7e
1098423222d1be48b61bfefe1b5b44f
3e9ab000fe8c1fad7947ebf0b5df737
0f882df246ceedc4a18126e4a9585fc7
345092b4eab64d17691ae22d5bcabf34
32d1a9e791f6d6449ecef1a822ca081d
a0f2cdb3f647746b3dfca266ff46c22d
2a7c9dc3864c107afdd0424265ec63e4
6cb41b5b3f6daf4508d1eed5fc583cde
bc8f911eec825a2161def6dde0d3215f
9712c8763571b75d55455975ef6ee8c5
cfa454830a233caf240abfde8935905a
03cf17892de19296079571a8bd993146
745fdf43725bcfd48253d03c48db21f2
94975c149412cb4a419ce8a57e689902
8bad59bf540ec3f540732ef84100953c
85a6235ed6feb50239a0313897b71d32
59f64c526648d597097977f737759d6b
a012d771b74c06ef988daa1d684faf47
312fa6aec4c0729ccd91a88380448b52
655e1af0bdfa624b7174522009529889
65429e79de16d83d358ad432e9204f9e
f9522b2d45164eb65ccf5f8821df6a18
54f3706aa1eba7aa0099999999999999

6895/5813/4799 kHz, 26-03/27-03, 0500/0515/0530 UTC

File 44414 (1632 bytes)

00000644000000343434313400000000
d462fcd84ab3eb2627de5c53f93962a
e8b9029f84ede338842191c6039f4c2b
c8308d738bd778fa94c9764613c0d77c
80891d73a24ac0f816ae79bae0ca942d
97fd2a084998e0d6deb1f3d3747aa9ac
1bdc3fdc0d69edab0a3b76f8395e5c1e
aede00ab6e77b6231bcdc3b2d6ab2f53
50bbbd9bcca4bdb8d20892bfae3c945
c12d4a5a96c5343f6c73e351cdaa1560
1645e33ebe87fc64f0aa483224589dbe
f32a185fdc95fabfee585265503f941
406de4240c31f6918e30213225fef293
714bdbfeed8527fe55b18740932ec02b
97cdd9ae00190c2b84dc6f35ccdda5b
375b544fe4cf9dde77a8f6ebdf91c017
7209d54c0adfc9c363a8860370d0d71f
f3a94c5e63de8449e27c692128f9f835
43ee9c69173f44c4c092becfae7379e3
2b19edd8cb81ae3acaa8017122c801dd
cdcfd7abe663e512139d2bbd17cfc4e1
8ac27fea5e3013eb64c887476cd42a5c
e3816e9d7aedd55fc38bc803adc86023
e569a6c38d72428f66554f7a0d7bd151
140712c1ccfca1c2b7d3e42be5629947
68b996d6e5e185daf70dc1bd0cb6e6db
36aa4d7370b12071ae5ed8cd3e31943d
95fcea556dfed8fe81ba6601ea3e5a1f
3ab9eb711603c8f82a9428e34c00a1fa
dc06e13ebb4b87588ac272724723c3e6
40d5fbb42a2f754eb71b4b834eb85aa
96f1f1884c513e227edc1e9650860e0d
b3f1d2ddcab64052363333351b6da60
42371d9a240f6a33bbb1b1821ff012c3
c3e79fe50776095bd682efdc421a4ac5
761fbc52db375d78ef2c45023b4a3532
417877f73781d05b1781e2ed2b9abe46
3cc98083caf31c32a8ad915f3bfa7aa0
78aef9713f17c8164e8b19b05d95811
79b6b92f187b64fae60593d767b34ec0
ea1b56c7abd7df539cd6a33552ab1172
b7355d909cb3b38a8c8a8b095d72fa57
ae0673570d72a69866cfc24e4191c883
2034bec70ef13f425c87048ae9995538
150cb978abcfdb250675090ae0b87a39
6519c93e815ab3686b2041c494868902
beef82d100efec38ee3eb560500504c9
edc64418a1b9c4f671058ba94afb95d9
7d06aa799a0c2818b51688422795c893
c0977719f62f6fa312e3a19d71a04e31
8212ffff3ce33dad4e0d607e5971dd371

cc8a402be7ce673ea65b73413a4ab9d2
d074fd30317038ef3b227fb6b941f4c6
dd3fb18f36216df7602efd545c6e8ca5
96e224519637be1a9f9e0cf74dda9b83
da3ac0e8606a5387c43470866c8a1076
2f13ca73cd2acf9111d205fc29a423c4
a288855bca72f8d166f43cb59420fdf1
e1235ff98aee83f4f19017adb9e1207c
001240526ef37d4bf9b147732ae86d98
c0ec6ab831accc0ab5f6c9b445920cbd
ff1588c2680ff1476cf8d4c59478de12
f4469ad91693fc8f7874bc4999f983a5
37a1d91c89731fd092012b389a02be69
8f18f17f7fb6814d51f54f308139f096
1de7fab2af2967b9fa42128e7bd696f9
532dc58d09b96fad0cd23b66f05dae17
1f8801415a26416c52a8adf4bb9563ff
2e9748198e7145180dd93b3eefc4a976
36f78ec13c773be8bdf7aa528fc68a33
4403a2d06502045d43da3f15602ee74a
b9d908e7cbb664e095b655aea44d41c1
f388f439692cef315e45c5c4ffc148bf
72b0e7c606d13ead6a0066c888e3779f
b36814a9676ab6240b43ba13ef6a8fe3
bc870b8a9949831b9388e6951fc197b1
ec4117fd6244961652e55dd59e312aaf
f08573256d35017f6bc4a96cc448ab33
0c6f159302103491bc8cd62937c66293
042cfc4768af4cea77bacd61bd3f9e03
ddf1c89de199e9225f6b1b7ed2bf8540
a7276bfffcc822bcee1a2136de80177cb
94e6556058e160368e8416d20b5dd169
e6f2ca7c99c669f111e76fa9b16cebf1
023e44d53d620af29b5a7ea30741debb
2aeb962e01b1cb61c67aa8ef0d9b630e
e1f121e6cac51f0245ff3e571851a28a
3178f7b65539716ec6289c2e04ea9bae
1588ee64d84742bf1b79b8af649f7ff5
0f65a089798698921a13b5db95538165
f99dcea19db0c8c33f80600cd73c4009
4662bdd765753153d20354e6e87a8639
50e23b7c0e8c2b3710baf2c376068b14
0bcc87b26ab2df6adb29d6b056bb72f4
399d2b61f98908595c5da496e54501b5
dd0943ce36c00a2a2c7e16df45112d75
a1fc5b65ed351454eb7c5dac4af315e2
1beb9c364f21dca284fd9fcbab849bcd
72317257b6298fde1bcab9e499ec9fd6
ece00bb8fe4ccd976e02322324f65090
75dc9aa6591ba6bd07aa7f83d46e9709
94b9fbd64cba2d350099999999999999

12157 kHz, 17-03, 0857 UTC	MFA Moscow clg 165423 Russian embassy Brussels (spur on 12210 kHz)
12210 kHz, 17-03, 0857 UTC	MFA Moscow clg 165423 Russian embassy Brussels (spur of 12157 kHz)
14935 kHz, 25-03, 0722 UTC	MFA Moscow clg 435621: Russian embassy Maputo
12126 kHz, 26-03, 0808 UTC	MFA Moscow clg 521634 Russian embassy Bucharest
12132 kHz, 31-03, 0725 UTC	Sequence 111666 before XPA1
12132 kHz, 31-03, 0726 UTC	Sequence 111666 before XPA1

XPA1

12132/13453/14576 kHz, 03-03, 0810/0830/0850 UTC
 973 973 973 000
 06468 00001 00000 37264

12132/13453/14576 kHz, 03-03, 0810/0830/0850 UTC
 973 973 973 000
 08545 00001 00000 36264

12132/13453/14576 kHz, 10-03/12-03/17-03/19-03, 0810/0830/0850 UTC
 973 973 973 1 973 973 973 1 973 973 973 1
 00365 00055 15098 74473 88992 95390 62229 36879 05520 79887
 87664 07345 89261 38856 57341 72523 78741 75836 83427 16444
 20163 75458 61001 81469 40553 25380 88369 35898 40689 62948
 55770 91413 33238 10698 04253 93858 81494 93998 21795 88819
 58562 50762 79457 21998 35282 99874 48305 61717 94609 31565
 53913 12451 94242 99725 09120 32221 79087 63240

12132/13453/14576 kHz, 24-03, 0810/0830/0850 UTC
 973 973 973 000
 02590 00001 00000 33663

12132/13453/14576 kHz, 26-03, 0810/0830/0850 UTC
 973 973 973 000
 03042 00001 00000 32257

12132/13453/14576 kHz, 31-03, 0810/0830/0850 UTC
 973 973 973 000
 06346 00001 00000 35662

XPA2

13931 kHz, 02-03, 0800 UTC
 02934 00001 00000 37655

18333/16345/14838 kHz, 02-03/04-03, 0910/0930/0950 UTC
 00205 00098 50069 83589 14492 84568 81597 60187 13258 66328
 08224 58974 96435 61211 43311 01584 74971 10009 49991 58139
 15071 27702 40881 74221 97986 52798 14910 86146 44685 55818
 69363 36761 77377 40199 69597 90532 58348 23223 41202 95058
 03616 16178 03143 71800 92932 00741 79562 94718 59174 87178
 01390 78011 47893 42873 80362 32433 85146 15174 61748 10235
 81187 76227 47265 32763 56489 18590 38454 19628 40536 96205
 92542 84779 60586 43972 58384 17601 01519 41169 07238 16146
 07055 06575 29543 19416 82291 23938 97769 96614 09090 72708
 05253 48178 45074 96176 88593 67869 34028 55083 85807 57077
 43714

12163/10863/9363 kHz, 02-03, 1600/1620/1640 UTC

02934 00001 00000 37655

13384/13984/14984 kHz, 03-03, 1200/1220/1240 UTC

04000 00001 00000 31254

13994/13494/12194 kHz, 03-03, 1600/1620/1640 UTC

05554 00001 00000 33662

13931/14831/16131 kHz, 04-03, 0800/0820/0840 UTC

04424 00001 00000 35256

16261/15961/14861 kHz, 05-03/08-03, 0910/0930/0950 UTC

06948 00180 12420 27314 04576 92269 40561 34350 64488 26144
22071 14543 91038 29458 36684 58799 63452 63677 75685 37091
31991 17839 05307 40691 70108 03017 51430 97523 56861 39139
16436 83358 05470 02040 10575 07166 83064 61396 88222 20667
90547 17251 98584 79732 43531 47012 48137 30313 52716 13667
25193 94660 57725 01537 92633 55619 26233 68696 27617 28016
15222 66602 26381 85672 10104 21524 33009 42466 81933 77459
15457 11632 38549 66337 15061 42360 30676 86719 87461 00287
62334 93007 08013 78329 83027 98017 28596 58245 50807 54586
03046 06311 47921 08100 42373 67027 68437 89827 40106 76120
48329 02581 73889 72923 25532 47423 39357 48030 58843 79326
01715 35104 70779 52510 06637 16568 04637 47185 01395 91948
90995 18111 10297 27936 67185 36431 28469 92894 43749 81220
23062 48804 81674 61606 05604 93544 65513 93233 29236 87484
97915 81251 79125 84768 79869 76444 42317 10651 95467 23499
00421 86726 64702 20187 70848 54501 42234 65444 13777 89825
78740 96904 07718 66194 50766 40270 52782 20932 21114 80620
43234 04345 77721 10190 69166 57027 73687 20014 95238 19783
00946 69037 73454

13994/13494/12194 kHz, 05-03, 1600/1620/1640 UTC

08532 00001 00000 34663

12139/13539/14639 kHz, 06-03, 1200/1220/1240 UTC

00449 00186 38518 83968 87586 70193 74821 57648 27268 25290
58325 15572 27440 38348 39018 69084 79563 25239 96497 68699
57952 54681 77261 77142 08877 89909 25313 79996 02019 84582
35095 54527 14065 72457 60996 66129 32452 43999 13343 17050
03798 02293 02965 21600 43044 98115 45993 43820 48613 54229
57061 49509 12239 57355 40397 87206 89569 87476 02137 10405
07152 01848 27709 01589 48274 18418 75918 44524 53239 59031
87888 09605 48559 30324 44548 29434 97562 85303 34351 36692
24058 08744 88805 49064 49771 72781 35236 23014 05477 93308
14689 65700 71436 90414 20016 09691 59298 06780 88220 43090
69660 20208 03422 02923 13404 47836 26748 99724 98307 74389
68064 17854 69241 14823 10338 55390 37094 41924 48894 40013
33830 90940 01880 59053 87715 95127 39409 61562 75327 50552
43840 25723 82955 70675 15443 44141 35365 01339 48489 39696
24946 22868 91911 72058 76953 30300 61764 55289 28780 37766
48289 30184 13374 29237 62116 35932 40338 70844 20010 08095
43865 15471 01659 22162 36018 70196 78678 32485 69865 86215
80154 16751 15920 96218 56457 01721 06608 43816 54965 62888
61214 02631 94359 97689 68504 81140 71288 24960 34710

12163/10863/9363 kHz, 07-03, 1600/1620/1640 UTC

06761 00001 00000 35264

13384/13984/14984 kHz, 08-03, 1200/1220/1240 UTC

07049 00001 00000 35663

13931/14831/16131 kHz, 09-03, 0800/0820/0840 UTC

06844 00001 00000 37262

18333/16345/14838 kHz, 09-03, 0910/0930/0950 UTC

03290 00001 00000 32264

13384/13984/14984 kHz, 10-03, 1200/1220/1240 UTC

07937 00001 00000 41262

13994/13494/12194 kHz, 10-03/12-03, 1600/1620/1640 UTC

00499 00205 32195 69711 40431 77808 43315 08662 66099 22052
26441 18169 99766 75192 48920 37033 25432 67867 19421 14341
43692 36449 76448 38375 20412 37218 07716 61659 86026 50727
68352 84464 37831 36287 08721 75449 50084 75351 03529 89547
27211 07144 44448 98644 41981 48069 06186 45784 40228 46142
23671 80851 27797 96306 67015 45872 89532 99152 43083 53231
68725 73943 64757 48488 14960 59347 85762 41919 00605 38674
58281 56331 74670 29103 77673 21653 31950 76156 54709 83032
11096 32302 56211 87524 98314 05095 58744 41686 14769 03235
34065 01032 41943 45679 11118 76709 77668 10543 94607 64412
23594 86588 75700 31982 65956 32619 65288 27526 74002 67331
40691 59267 07150 96108 70426 96438 75300 24260 11745 32449
73909 53832 21257 05884 05606 33271 64682 98160 77556 65481
22549 67966 04420 27181 73481 95484 09402 27768 07734 01237
91584 48299 30147 53118 48422 72895 89691 82406 57313 05660
19415 88149 18270 04726 26719 58886 41344 38337 31107 63133
57036 95485 76771 31044 85695 37992 64289 91734 51441 83719
47308 08043 45747 28778 85941 81672 21664 70000 93444 79705
11012 03959 61950 22935 66186 19572 33172 00957 26648 24628
57083 69233 18714 57819 65559 27194 13890 98556 73505 62062
92295 82505 55143 96673 13080 76445 89451 75564

13931/14831/16131 kHz, 11-03, 0800/0820/0840 UTC

02884 00001 00000 37262

18333/16345/14838 kHz, 11-03, 0910/0930/0950 UTC

03955 00001 00000 40260

12139/13539/14639 kHz, 11-03/13-03, 1200/1220/1240 UTC

05768 00120 58320 96907 16390 69079 27992 54063 08911 95057
07259 85202 74971 48894 62819 70299 63136 42023 95005 48760
75216 94397 31076 54552 08883 32207 69610 12015 53439 11721
71322 99480 02624 85258 23041 36836 59027 00384 08419 96203
98655 28563 47699 19056 16780 65057 12034 87529 03706 44127
82583 63487 36391 59987 60316 39385 53037 53911 64249 28205
96271 58233 91512 93702 68976 08819 52722 32413 43063 41415
17187 66899 98589 06930 86466 23219 04087 23151 96821 28661
64859 99863 41314 61903 07275 13622 84602 05081 93108 37523
51566 49742 76725 28777 50041 47795 06403 87246 85972 88221
43419 32588 84756 20504 80394 69485 05394 36326 44577 26463
44942 42360 98190 20503 35615 08966 92476 05408 14984 95865
00620 20757 45655

16261/15961/14981 kHz, 12-03/14-03, 0910/0930/0950 UTC

06103 00130 37280 07224 53816 42973 74193 24402 75664 00074
82380 19727 75630 50233 57976 61248 39119 40738 28644 32332
45864 04922 33504 98753 70878 17723 18363 11353 35295 53275
29160 05609 84766 85389 48540 85596 53430 74419 36987 58561
09209 76739 14743 71511 64431 15266 35456 30490 39604 16708
97279 78845 52109 07038 98261 15232 71193 77673 97305 82271
00951 60576 57550 43737 18493 02018 64752 26199 84146 00812
94259 01132 78717 20983 72362 63050 06211 35692 44778 78104
93584 54592 67739 99209 57595 23719 03720 38595 53445 48739
87375 57134 81530 69880 84497 41500 16544 27576 17292 24030
86420 19135 89421 05470 04755 00870 92548 56849 89114 51197
88722 40635 68631 51815 66546 70653 11604 92339 63304 56866
72888 47811 56790 11712 54859 16813 22389 71320 22052 81756
56441 42710 31761

12163/10863/9363 kHz, 14-03, 1600/1620/1640 UTC

08718 00001 00000 40661

13384/13984/14984 kHz, 15-03, 1200/1220/1240 UTC

05693 00001 00000 35666

13931/14831/16131 kHz, 16-03, 0800/0820/0840 UTC

00077 00001 00000 34660

18333/16345/14838 kHz, 16-03/18-03/23-03/25-03, 0910/0930/0950 UTC

00210 00190 33126 86254 50339 22533 56232 07871 14124 73299
01429 00657 99285 09449 84020 53258 58834 67568 60281 85029
20568 10979 32148 29386 04360 34883 96673 11263 57588 60922
75918 99156 41001 52702 08988 26045 07249 15680 09674 80447
25565 46465 88335 55023 04747 78091 32321 26660 93552 63825
33425 03529 25222 94436 96949 82183 54119 95768 85396 99383
21237 36184 22996 13753 28834 50948 34425 75057 57815 89214
30430 36162 31270 19316 32647 86487 49392 48782 34897 90417
26781 69188 66921 37652 66525 10490 69166 32890 36548 23091
68132 84866 51240 55465 70335 94010 73348 30306 49070 11628
60457 97588 66559 50033 03279 34408 59670 90804 16965 77613
12100 35982 99530 83193 27704 41256 07147 43107 00849 12604
91684 37401 94835 03554 54119 75646 98708 31594 30989 40944
60709 02383 61062 18737 56883 45038 15017 31596 77963 43970
21733 00564 27038 17644 20166 75773 03938 12169 70402 14110
90363 60742 65794 36240 61622 06358 85249 16030 27210 21112
74998 30456 87289 45570 24865 45075 06529 93576 36995 47451
42723 05162 16083 48543 84336 31969 14761 25633 35552 08894
49893 57585 38145 70639 37215 85858 58822 86595 14904 48603
14920 66947 51212

12163/10863/9363 kHz, 16-03, 1600/1620/1640 UTC

07912 00001 00000 36660

13384/13984/14984 kHz, 17-03/22-03, 1200/1220/1240 UTC

00351 00048 66638 90181 99550 17708 98490 03523 58335 46658
11531 78942 77299 35676 28501 53261 70174 74614 32290 32095
68930 56570 48744 66621 68508 09458 74989 95625 82740 96190
84059 90170 95346 34516 37773 17121 96594 33064 77385 27151
73383 02250 32026 60382 72222 90120 33272 30135 16407 11404
26222

13994/13494/12194 kHz, 17-03, 1600/1620/1640 UTC
09086 00001 00000 34271

13931/14831/16131 kHz, 18-03, 0800/0820/0840 UTC
07060 00001 00000 31265

12139/13539/14639 kHz, 18-03, 1200/1220/1240 UTC
03968 00001 00000 41661

16261/15961/14981 kHz, 19-03, 0910/0930/0950 UTC
03968 00001 00000 41661

13994/13494/12194 kHz, 19-03, 1600/1620/1640 UTC
09867 00001 00000 40667

12139/13539/14639 kHz, 20-03, 1200/1220/1240 UTC
03525 00001 00000 36255

16261/15961/14981 kHz, 21-03, 0910/0930/0950 UTC
07400 00001 00000 33257

12163/10863/9363 kHz, 21-03, 1600/1620/1640 UTC
09762 00001 00000 35667

13931/14831/16131 kHz, 23-03, 0800/0820/0840 UTC
06176 00001 00000 34665

12163/10863/9363 kHz, 23-03, 1600/1620/1640 UTC
07363 00001 00000 34265

13384/13984/14984 kHz, 24-03/29-03, 1200/1220/1240 UTC
00688 00080 08130 39870 66775 84655 51027 36227 39950 91708
88809 16428 17652 55594 10615 33085 04242 21619 29481 15755
76133 27969 76935 26063 48476 61760 88314 50092 81597 87662
35039 82003 88624 13033 99994 27914 61188 86835 04111 99338
14708 78843 28048 40580 08194 11819 23024 36530 35486 74479
05545 43997 08582 05821 49060 51979 64627 89548 67320 77022
84259 04415 22902 36548 81461 87472 68170 16449 15211 24099
42436 26856 13392 91475 15975 97190 82470 63904 84642 38057
48854 27215 76540

13994/13494/12194 kHz, 24-03/26-03, 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

13931/14831/16131 kHz, 25-03, 0800/0820/0840 UTC
08033 00001 00000 32663

12139/13539/14639 kHz, 25-03/27-03, 1200/1220/1240 UTC

07335 00052 63465 81721 13388 30121 35534 37519 44214 16056
48180 66336 37500 41395 80601 62209 27420 98631 15081 35883
65540 22618 65732 56289 83874 38459 00930 13398 78707 83099
08710 21480 65870 25814 68551 22670 82250 85590 82925 29313
03847 19746 94608 22277 85660 99777 55912 29245 21787 92820
18044 22142 34705 97694 36247

16261/15961/14981 kHz, 26-03/28-03, 0910/0930/0950 UTC

00440 00052 23380 89450 85931 59273 00985 72466 51191 50953
58553 42904 73049 20090 01112 40659 72550 34913 82872 57055
81491 71703 92139 17171 82362 76934 95356 05944 17639 91964
41413 69884 74490 50290 18049 01427 40172 65747 88636 52891
17340 12600 04078 07367 27658 34631 79659 66009 93182 69940
67947 87176 43825 46389 36710

12163/10863/9363 kHz, 28-03, 1600/1620/1640 UTC

01956 00001 00000 40656

13931/14831/16131 kHz, 30-03, 0800/0820/0840 UTC

02085 00001 00000 33662

18333/16345/14838 kHz, 30-03, 0910/0930/0950 UTC

08222 00001 00000 33262

12163/10863/9363 kHz, 30-03, 1600/1620/1640 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

13384/13984/14984 kHz, 31-03, 1200/1220/1240 UTC

09551 00152 30163 50139 03434 29453 67033 77583 25296 46150
98017 06653 54246 62533 75625 81639 99550 84202 98560 98375
81526 74027 71079 94558 02207 15179 30309 56835 34501 90458
51673 56362 40078 17042 06624 67095 54736 62663 86327 43248
04550 15289 36475 06407 64952 71643 34986 35601 04016 77943
44981 68636 32167 37049 41631 63297 05857 25163 71228 84737
04018 89525 76603 59735 07229 13611 63659 05578 12119 15510
54470 52313 89526 38008 50881 25205 85117 75877 30156 33762
15660 92238 32345 79239 52529 31779 94641 87927 02920 28507
48971 04513 65138 22846 03274 09720 77068 03412 46563 66479
61282 04284 26762 65560 31226 89647 14086 41862 49965 79844
53598 34095 85503 59177 19041 24631 55263 98835 38105 44077
50757 90874 00942 87659 72039 87608 58044 57226 79787 40102
91537 51551 09710 17793 10353 04558 44057 79384 11660 91978
63290 47950 70477 77470 86271 26533 31387 17941 71216 16420
72333 65887 03844 71826 13037

13994/13494/12194 kHz, 31-03, 1600/1620/1640 UTC

04926 00001 00000 40656

XPB1

9181 kHz, 01-03/03-03/08-03/10-03/15-03/17-03/22-03/24-03/29-03, 2000 UTC

7881 kHz, 01-03/03-03/08-03/10-03/15-03/17-03/22-03/24-03/29-03, 2010 UTC

6881 kHz, 01-03/03-03/08-03/10-03/15-03/17-03/22-03/24-03/29-03, 2020 UTC

5881 kHz, 01-03/03-03/08-03/10-03/15-03/17-03/22-03/24-03/29-03, 2030 UTC

5181 kHz, 01-03/03-03/08-03/10-03/15-03/17-03/22-03/24-03/29-03, 2040 UTC

4581 kHz, 01-03/03-03/08-03/10-03/15-03/17-03/22-03/24-03/29-03, 2050 UTC

18253 kHz, 02-03/07-03/09-03/14-03/16-03/21-03/23-03/28-03/30-03, 1100 UTC

17453 kHz, 02-03/07-03/09-03/14-03/16-03/21-03/23-03/28-03/30-03, 1110 UTC

15953 kHz, 02-03/07-03/09-03/14-03/16-03/21-03/23-03/28-03/30-03, 1120 UTC

14953 kHz, 02-03/07-03/09-03/14-03/16-03/21-03/23-03/28-03/30-03, 1130 UTC

14353 kHz, 02-03/07-03/09-03/14-03/16-03/21-03/23-03/28-03/30-03, 1140 UTC

13553 kHz, 02-03/07-03/09-03/14-03/16-03/21-03/23-03/28-03/30-03, 1150 UTC

14987 kHz, 02-03/07-03/09-03, 1200 UTC

13964 kHz, 02-03/07-03/09-03, 1210 UTC

13439 kHz, 02-03/07-03/09-03, 1220 UTC

12158 kHz, 02-03/07-03/09-03, 1230 UTC

11588 kHz, 02-03/07-03/09-03, 1240 UTC

10427 kHz, 02-03/07-03/09-03, 1250 UTC

Scope images of XPB1



F03 & P03: Polish Intelligence digital modes

Last update: 23 March 2020. Thanks to Daniel at Priyom

A lot of these skeds use different modes in different months. Most modes are very much the same and have only very small differences.

FSK transmissions

F03a FSK-2 100Bd/200Hz cf + 600Hz

F03b FSK-2 200Bd/400Hz

F03c FSK-2 400Bd/960Hz/cf +1120Hz/448-bit period

F03d FSK-2 200Bd/400Hz/cf +600Hz/448-bit period

F03f FSK-2 400Bd/800Hz/cf +1200Hz/496-bit period

F03i FSK-2 100Bd/800Hz/cf +1200Hz/488-bit period

F03j FSK-4 100Bd/400Hz/cf +1200Hz/448-bit period

F03k FSK-2 400Bd/800Hz/cf +1200Hz/448-bit period

F03l FSK-2 100Bd/200Hz/cf +700Hz/448-bit period

F11 FSK 100Bd/620Hz and FSK 100Bd/740Hz

PSK transmissions

- P03a BPSK 62.5Bd
- P03b QPSK 62.5Bd
- P03c BPSK 125Bd
- P03d QPSK 125Bd/448-bit period
- P03e QPSK 100Bd/488-bit period
- P03f QPSK 200Bd/496-bit period
- P03g BPSK 50Bd/464-bit period
- P03h BPSK 100Bd/512-bit period
- P03i BPSK 62.5Bd/464-bit period
- P03j QPSK 100Bd/504-bit period (new Jan 2020)
- P03k BPSK 100Bd/480-bit period (new Mar 2020)
- P03l QPSK 100Bd/464-bit period (new Mar 2020)

Note:

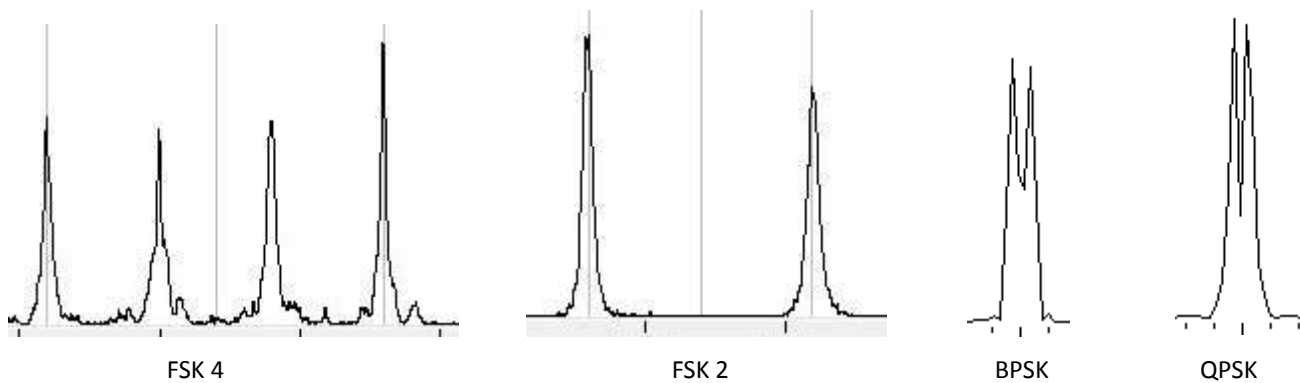
Bit Period is the time needed to transmit one bit

Various modes

N&O uses designator POL for Polish digital modes without a designator

Defunct digital modes

F03a, F03b, F11, P03a, P03b, P03c



DIPLOMATIC STATIONS

Egyptian diplomatic stations

14445.7 kHz, 05-03, 1333 UTC, SITOR-A 100/170

Egyptian diplo i.p.

18334.7 kHz, 23-03, 0913 UTC, SITOR-A 100/170

Egyptian diplo station clg KKVU: Egyptian embassy Accra

UTILITY ROUND-UP

North Korean military

North Korean military stations copied by JPL and F5JBR.

4934 kHz, 01-03, 0849 UTC

LG1 wkg LS2 LD7 L4L L7K LL4 LMT LTI LUM LV7 LBE LDV L4W LOH LTM LT2

3151.5 kHz, 03-03, 0931 UTC

VVV CQ de I49 QSA ? 8214

3151.5 kHz, 03-03, 0933 UTC

VVV CQ de HX1 QSA ? 9501

VVV CQ CQ de HX1 QSA ? 9501

3115.30 kHz, 03-03, 0953 UTC

VVV F30 de TIL QSA ? K

3791.5 kHz, 03-03, 1729 UTC

LV LV RKO de A78 QSA 5402 K

LV RKO de A78 QSA ? ? 5402 R34832 K

QLK QSO

QSA SK

2454 kHz, 03-03, 1818 UTC

CP de O9N QSA ? K

3068 kHz, 03-03, 1838 UTC, QSX on 3078 kHz

QTC NR 0314 05 03040350 001 6163 6153 = 5FGs message QRU GL SK

3099 kHz, 03-03, 1902 UTC

LV LV LV XOK XOK XOK DE 8101 8101 8101

VVV 0253 K

QTC NR 02 14 10 03040400 002 8101 =

54128 14587 96538 24853 15896 25346 10542 12015 66589 25348 26788

3197 kHz, 03-03, 1915 UTC. QSX on 3198 kHz

6GI de 4BR QSL ? 8654

VVV VVV VVV VVV

6GI QTC NR QTC NR 04 10 304 0430 31 3651 =

54128 14587 96538 76115 04376 21054 64265 64219 65359 K

4BR QTC NR 03 NR 03 14 05 03 04 0440 002 3130 =

57083 46072 73106 54392 55732 K

QRU SK

5356 kHz, 04-03, 0630 UTC

VVV VTZ de RTB QTC 1

VVV VTZ de RTB QTC 1

NR 93 25 50 03 04 1530 =

13462 39229 91524 64334 05454 18670 37325 72581 21412 84240

47154 98484 73603 58242 80056 21364 42084 03131 69118 38486

90144 67514 08369 53703 36379 71592 20765 87534 48204 29437

78803 54072 81682 29887 04728 13080 68976 30853 92460 68523

R 19722 56023 32582 70526 27943 82044 98864 26203 74004 55555 K

ABV QRU = 8177 K QRU 8177 K

SK

4853 kHz, 04-03, 0848 UTC

GHV wkg 1IB

4686 kHz, 04-03, 0850 UTC

FZ1 wkg 7C1

4626 kHz, 04-03, 1911 UTC //3888 kHz

VVV 6TX de 1AR QRU and SK SK

4285 kHz, 04-03, 0747 UTC

VVV CP de 4C61 QRK ? QSV K

5124 kHz, 04-03, 0848 UTC

AD de CLV QRU and 6260 SK

5002 kHz, 06-03, 0807 UTC

5GD wkg 9ZU

3758 kHz, 08-03, 0911 UTC

1T9 de 9L4 QRU VVV

SK SK

3234.5 kHz, 08-03, 0924 UTC

CQ de HXU QSA ? 9501

4648.5 kHz, 08-03, 0927 UTC

S1H de 6VC QSA 5 5? VVV

QSA 5 ??

4640 kHz, 08-03, 0948 UTC

G9Z de P3X QRU

2470

SK SK

5349.2 kHz, 10-03, 0821 UTC

2TD wkg JI5 LTT 420 SAG W86 V54 I5U.

Messages for JI5, LTT, SAG:

QTC 1 QTC 1 K

NR 04 53 172 03 10 1000 =

95913 14989 95657 12281 21701 17352 21175 37538 42493 80898 R =

26933 29097 74965 69646 71448 58462 04815 58349 03389 2565 R =

44759 53984 70499 20554 03616 88444 34836 54605 51912 11957 R SK

QSA 3 K QCW K

QTC 1 K

NR 04 53 172 03 10 1000 = 36693 83607 78167 ...

VVV VVV W86 QSA ? K

VVV V54 QSA ? K

I5U QSA ? K

5601.2 kHz, 10-03, 0831 UTC

VVV G7F de UVN QSA ? K

81 = 81 SK SK

5119.2 kHz, 10-03, 0838 UTC

VVV 3VM de I54 QSA? K

QSA 3 QSA ? K

3888//4626 kHz, 10-03, 0914 UTC

VVV 6TX de 1AR QRU SK SK

2810.2 kHz, 10-03/15-03, 0919 UTC

VVV CQ de I4K QSA ? 4762 K

5601.2 kHz, 11-03, 0931 UTC. UVN wkg M4G, LMN, LRU

M4G de UVN QSA ? K

44 = 44 K

3003 kHz, 11-03, 1351 UTC

CQ de LVK QTC NR 001 R 33 R 001

ABV ABV NR 001 R 33 R 001

3251 kHz, 11-03, 1427 UJTC

G5B Wkg IZS 8Z2

Japanese Army

Japanese Army copied by F5JBR.

2421 kHz, 03-03, 1000 UTC

PÛÛR wkg 11 Outstations : PÛÂZ, PÇPÇ, PÂMP, PÂDÇ, PÛPÛ, PÛVZ, RÛSÛ, PÛÇP, RÛÂM, RÛDÂ, RÛÛÇ

Collective Callsign: PÂÂR

2692.5 kHz, 09-03, 1836 UTC

KiÂD wkg ÛÛO ÛÛR ÛZÂ

ÛZÂ MkiV AR

URF ÛÛR W45 B ÛZÂ NR 6 27 Ki 100305 =

ÂkiÂ Û PDZR PDZR ÂMSR ...

Japanese Navy

Japanese Navy copied by F5JBR.

4577.5 kHz, 04-03, 0830 UTC

JJC20: Japanese Maritime Self Defense Force, Tokyo

VVV VVV JJC20

Unid

3172 kHz, 03-03, 0937 UTC. Probably Chinese Military

B6QM wkg V3NO TNNP EU2Z 73OE HOG5 THDD 8VG6 51MB WZ13 IVZ3 MCN3 VH7I XDR7 BB5Y XBBO 6UPV YYQL 3X8N DIIA

10182.8 kHz, 30-03, 0813 UTC, CW, i.p. Unid, possibly Egyptian military. Logged by F5JBR

= TÄDÉ / ALSWIH / ALWQT / 008 / ALANZAR / MNÄDM / ALVGU / 310 / ALATJTD / HMALIÉ / GRBIÉ / ALI / ChMALUÉ / ChRQIÉ / ALSÄÉ / 8 / 31 / N / DROÉ / ULHAR / 81 / AIRWEIÉ / 1 / 3 / HALÉ / 2 / 3 / ALBHR / ALAHMR / 008 / ALAM / ALANZAR / MNÄDM / ALVG / ALJWI / M101 / ALATJAE / ChMALI / GABIUTELI / ChMALIÉ / ChRQIÉ / ALSRÄÉ / 11 / B 1 / DR 1É / 22 / RR WeÉ / 4 / 5 / 6 / HA É / 3 / 3 / ALQAÄD / BRNIS / ALWQT / 008 / ALNZAR / RIH3 / ALVGU / 1201 / ALATJAE / ChMAL / / ALSRÄÉ / 61 TN22 / DRJEA / / ALSRAR / Ch 2XTLRWEI / / 4 / 5 / HARÉ / 3 / 5 / / / / 1

WAAAAAA K AAAAAA TT KU / NU EEEEEEEEE

UK U / NAV / JII / NAV 6BÉZ / RFV / RFA / RGU / RYO / RGP / RGG / AUH / DIO / NLJ / NAV / JAD / NAU / TUD / NNI / CAF / NYI / 3DM / TKF / RML / NOG / RMA / RDI / DIO / NLJ / NAV / JEN / BTV / NAV / TUD / DIO / DKA / XX AR AR AR AR AR AR AR AR AR

10182.8 kHz, 31-03, 0814 UTC, CW, i.p.

= LACA / 13 / 02 / 2 // MRAI / MURWH / ADWQT / 008 / HTNMAR / 3 / ALVGU / ALJWI / 6001 / ALI / JDWBIÉ / GRHIÉ / ALSRÄÉ / 41 / 120 / AjÉ / ALHRURÉ / GAÜ / RLRWEIÉ / 1 / SK / SALÉ / ALBHR / 3 // //

= = ALWIS / ALWQ / 0086ALAZAR / ONÄ / M / ALVGT / ANMWI / 6001 / RAN IÉ / ChRM ... ALI / JNWBIÉ / ALSAÄÉ / 51 / 02 / NN É / ALHRA S / 02 Éalrwei2 / 1 / 3 / halÉ ALBHR / 3 / 4 // / ALDHR / ALAHMR / ALWQT / 008 / MNÄDM / ALVGU / ALVWN / 0001 / ALATJTX / 3NWBIF / ChRQIÉ / ALI / JNWBIÉ / ALSRÄÉ / 41 / 02 / DRJÉ / ALHRARÉ / O3 / ALNWEIU / 1 / 3 / HULÉ / ALBHR / 3 / 4 // / BRNISE / ALWQT / 008 / AATZR / MN4DM / ALVGU / ALJWI / 8001 / ALATJAÉ / ChMALIF / GRBIÉ / ALI / ChMALIÉ / ChRQIÉ / ALSLÄÉ / 41 / 61 / DRJÉ / ALHRARÉ / 22 / ALTWEEÉ / 4 / 5 / SA LÉ / ALBHR // 4 // //

/// ALTWQF / ALChFR / GR 63 // / WBW / TAA / JID / NAV / BFZ / RFV / RFA / RGU / AYO / RGU / RGG / RUH / DIO / NLJ / RV / 1ID / JAU / TUD / NNI / CTF / NYI / JDM / NOG / RMW / NDI / DIO / NLJ / NAV / JID / BTV / NAV / TUD / DIO / KAR / QSL 0001 / 13 / 3 / AR AR AR AR

Propaganda, Clandestine stations and jamming

7055 kHz, 05-03, 1654 UTC, LSB	Russian-Ukrainian radio war. Various stations on top of each other
7055 kHz, 06-03, 1714 UTC, LSB	Russian-Ukrainian radio war
3731 kHz, 06-03, 1910 UTC, LSB	Russian-Ukrainian radio war. Announcements in Russian and English
7055 kHz, 12-03, 1303 UTC, LSB	Russian-Ukrainian radio war
7055 kHz, 19-03, 1244 UTC, LSB	Russian-Ukrainian radio war
7055 kHz, 26-03, 0612 UTC, LSB	Russian-Ukrainian radio war. Various stations on top of each other
7055 kHz, 26-03, 1709 UTC, LSB	Russian-Ukrainian radio war. Endless loop recording
7055 kHz, 27-03, 1721 UTC, LSB	Russian-Ukrainian radio war. Endless loop recording
7055 kHz, 28-03, 1315 UTC, LSB	Russian-Ukrainian radio war



Kurdish-Turkish radio war.

Kurdish broadcaster Radio Dengé Welat is always jammed by Turkish intelligence. The jamming station is nicknamed Radio Recep Erdogan. It transmits Turkish military music and speeches from president Erdogan.

Radio Dengé Welat uses frequencies 9525 and 11530 kHz but sometimes moves on to avoid Turkish jamming.

11481 kHz, 13-03, 1622 UTC, AM	Kurdish-Turkish radio war. Radio Dengé Welat jammed by a Turkish jammer, transmitting Turkish military songs and speeches from president Erdogan
9525 kHz, 13-03, 1700 UTC, AM	Radio Dengé Welat changed frequency followed by the Turkish jammer after 7 minutes
11530 kHz, 19-03, 1247 UTC, AM	Kurdish-Turkish radio war. Radio Dengé Welat jammed by a Turkish jammer, transmitting Turkish military songs and speeches from president Erdogan
11530 kHz, 27-03, 1540 UTC, AM	Kurdish-Turkish radio war. Radio Dengé Welat jammed by a Turkish jammer, transmitting Turkish military songs and speeches from president Erdogan
9525 kHz, 27-03, 1700 UTC, AM	Kurdish-Turkish radio war. Radio Dengé Welat jammed by a Turkish jammer
11530 kHz, 27-03, 1540 UTC	Kurdish-Turkish radio war. Radio Denge Welat jammed by a Turkish jammer



11460 kHz, 30-03, 1215 UTC, AM Sound of Hope / Xi Wang Zhi Sheng program in Chinese

US Joint Chief of Staff Emergency Action Messages and Foxtrot Messages

Frequencies: 4724, 8992, 11175, 15016 kHz.

01-03	1603	Advisable	30 chr EAM FBYX7Y EORXC72U2RCRGSRVPTYD5WLP
01-03	1632	Advisable	30 chr EAM FBE6YX IXINHJTYOQXUXTPAMASROFLY
01-03	1642	Advisable	30 chr EAM FB5UYW WVLDSEYLJTQQVWV2EVDL32QW
01-03	1706	Advisable	30 chr EAM FBHLJG XJOE33MLAUCEUBIIZUDE7WXG
01-03	1732	Advisable	30 chr EAM FB3NU4 XNAW.VPI72P5UXHXZUS3ENPM
02-03	1417	Assurance	30 chr EAM for Thrust-07? U5YMXV 5ASQB77UL5R4Z3TFUSHK4INH
02-03	1446	Assurance	30 chr EAM FB5J5R AJMFLQQV7C4ZKYDRYROKPS2D
02-03	1611	Assurance	30 chr EAM FBQNXN UGQ5RHXVJF7QIM3HBENLNIG3
02-03	1946	Assurance	30 chr EAM FB6WZQ LD4J2JDIWOYK5KVDUEJ3VNC
02-03	2222	Assurance	30 chr EAM FBRTRR K4CA7ZXFPOZEXVBCRL5SIJD4
02-03	2240	Assurance	30 chr EAM FBEP3U CA7CLVWQIK2ORFJLKNEUDT4J
02-03	2308	Assurance	30 chr EAM FBAYSF Y6QIP4ZOC5K42XVPXCBMCPNE
02-03	2333	Assurance	30 chr EAM FBTZSL PPLZMLGH6GFG3FBORKIEFOCG
03-03	0128	Technail	30 chr EAM U5S6IS OFMWRMBSO5Y4RK7YFIAN2MHH
03-03	0137	Technail	30 chr EAM FB7SYS 63H7YRQ26RAB7BK2RU3ARGDT
03-03	0315	Technail	30 chr EAM FBHB2L JY7LIZ6P4ER3F4JAH5OJP37Y
03-03	1008	Technail	30 chr EAM 2MXP2X P5SQA7EXCLWNSBH6TYJLVZI
03-03	1637	Technail	30 chr EAM for Bill Buffalo U5IDTB DI2MSTYNZWUYRUYAWTLAC6EV
03-03	1707	Technail	54 chr EAM U5HDWH GQ45OAE2NFC5U6QJCHIACQDW2BJQI737HNAVJTJU2IBC6FSQZ
03-03	1727	Technail	30 chr EAM 2MV3OQ T6Y2XYIOTIAEDZEEWWDZ6XT7
04-03	1648	Fallback	30 chr EAM U5SSCK LJUS4PWJY6OHQLGWHLMYKMJC
04-03	1711	Fallback	30 chr EAM 2MOAH2 DTY4N6PY6ASFVJ3W5U6JE6XW
04-03	1744	Fallback	30 chr EAM 2MVV5V L3K5R22VR4N4WH2APEMBAOVC
04-03	1806	Fallback	30 chr EAM 2MQPOR UWNHIXUOJN2YRFIFMVCH6EN
04-03	1809	Fallback	30 chr EAM 2ME2QL WLAD6UIK7GYOVTEJOWJG6AUF
04-03	1817	Fallback	30 chr EAM 2MOKXA JE2PTVZXCCPXMYREHXMJFSAU
04-03	1846	Fallback	30 chr EAM for Mile-19 U5UC76 P2UIEFZ3OLJOD3L3JVQ3XBA3
04-03	1916	Fallback	30 chr EAM 2MGIDT 32CZ6P33UTXP3Q7XXFNUXCLJ
04-03	1940	Fallback	30 chr EAM 2MK37W 7YCICVXEHCZOFXBORJPWEBH
04-03	1944	Fallback	30 chr EAM 2M5CHD KYOOURKYQ2A6LQHDSO7JBXWC
04-03	2001	Fallback	30 chr EAM 2M5CHD KYOOURKYQ2A6LQHDSO7JBXWC
04-03	2004	Fallback	30 chr EAM 2MK37W 7YCICVXEHCZOFXBORJPWEBH
05-03	0100	Aztec Art	41 chr EAM U54Y6N W44D4X2T3DSRVEQTHG22WXCZEVUYAXWT6GC
05-03	0120	Aztec Art	30 chr EAM U5UZXX GI7KEUNYY3T2GNMOETEFAP4
05-03	0153	Aztec Art	30 chr EAM 2MICPW 23QTURGZGKXSF2P6LO73GL4Q
05-03	0200	Aztec Art	30 chr EAM 2M7LIV RM24P4UMVYA5CS2FFMH6JTOA
05-03	0215	Aztec Art	30 chr EAM U5ZDI5 ENERLUBVSVSRLEE7BJC3ACO2
05-03	0218	Aztec Art	30 chr EAM 2MWAXF 27GEMUJTESCS3NFLJE6BZQCJ
05-03	0232	Aztec Art	30 chr EAM 2MQBVC DRFGHL7KZ3BIAVRSQ7AKCBIS
05-03	0238	Aztec Art	30 chr EAM 2MFCLK KSOZZI4WFAXPF6WMLIOKJ65
05-03	1557	Aztec Art	30 chr EAM for Phisterpoint?, for Squall U5TNCE UJJHS7UP72ZU4URHKUJFSLQW
05-03	1620	Aztec Art	54 chr EAM U53Y2P QT5MXYFBBGETXIFDQGRFTG44WJDEPDCOFXZJXQKAPEXJKEDD
05-03	1630	Aztec Art	54 chr EAM U53Y2P QT5MXYFBBGETXIFDQGRFTG44WJDEPDCOFXZJXQKAPEXJKEDD
05-03	1646	Therafam?	30 chr EAM U5VFPS C4ER4RXKL5V2YLV57C5JOH4G
05-03	1658	Aztec Art	66 chr EAM U5AEGU K4TTFT5O2RJCIE67B6E67GTASJJ2VY37YVEASJ52B7DS76EASJW2T2VADHS
05-03	1704	Aztec Art	30 chr EAM 2MB52W Q5IQDBOQQCTAV6VRN4QFY23L
05-03	1706	Aztec Art	54 chr EAM U53Y2P QT5MXYFBBGETXIFDQGRFTG44WJDEPDCOFXZJXQKAPEXJKEDD
05-03	1717	Aztec Art	30 chr EAM 2MZDWQ ZPDBUVECGGFYU2HCWOPHQDEY
05-03	1732	Aztec Art	54 chr EAM U53Y2P QT5MXYFBBGETXIFDQGRFTG44WJDEPDCOFXZJXQKAPEXJKEDD
05-03	1737	Aztec Art	30 chr EAM 2MPB3A E4VKWXF443NIPRK6CIPJ3XQR
05-03	1805	Aztec Art	30 chr EAM 2MZDWQ ZPDBUVECGGFYU2HCWOPHQDEY
05-03	1817	Aztec Art	30 chr EAM for Golf U5JANQ LAK4KP6VYIQS25YB6CYZ5LBA
05-03	1826	Aztec Art	30 chr EAM for Golf U5KKR6 W6XW74B2KO675CWESKR6IPR6
05-03	1917	Aztec Art	30 chr EAM for Golf U5X5YM G75WZSCRZ7P2GDYX4I4SF6CE

05-03	1927	Aztec Art	30 chr EAM for Golf U5W74M B3COL7S2CYXBU4TK5EYEIP4Q
05-03	1927	Top Notch	30 chr EAM for Region Charlie U5KOSK JPS6P4A6CEOYPXYH7ZPOWKKU
06-03	0029	Top Notch	30 chr EAM 2MCWT2 JAC2JKB3HQHTS2VICGSB2GZ6
06-03	0046	Top Notch	30 chr EAM U5PKH2 ATTMP3CFH2IBABPEHXGKPLN5
06-03	0128	Top Notch	30 chr EAM 2MYIPO PHAHEBWSUGNPVUEVF7LI2RM4
06-03	1533	Top Notch	37 chr EAM U5KQP3 CXNKY6OV2BS5NT2STGAVOLXVMAVOVIG
06-03	2037	Top Notch	30 chr EAM for Buffalo Grass, for U-turn, for Expel U5X37P 7PVAZ2I7WPVYEGFQ6Q6XSX4L
06-03	2053	Top Notch	30 chr EAM for Buffalo Grass, for U-turn, for Expel U5PZAQ Y2YWOZSG2EG6M6RMZMDNBCMY
06-03	2133	Top Notch	30 chr EAM 2MYPWF 6IFK4J4JXN5S26ESIXJN2HGE
06-03	2147	Top Notch	30 chr EAM for Riding, for Quale Log? U5ALO2 5KA5DPCZL42ZXMAZBLGYHUWY
06-03	2323	Top Notch	30 chr EAM for Buffalo Grass, for U-turn, for Expel U56KWL GHBFBHCPPRKH- NKA4JH26XDNJ
06-03	2343	Top Notch	30 chr EAM for Buffalo Grass, for U-turn, for Expel U5PGES UJECNGP5H6HAVQXDRSHHFNC
07-03	0119	Gumdrop	30 chr EAM 2MRJC7 XVWUBZGQYR6SXE5MJ2QKT7H4
07-03	0123	Gumdrop	52 chr EAM U5M72E RVGUYMMLDULKH4CDYFYZB7366X45IXCDYBYI773CYHYTY6
07-03	0146	Gumdrop	41 chr EAM U5L5VX NF7SVQYSHONBSHOSUXC43RB2GS2U4XTWKPF
07-03	0239	Gumdrop	30 chr EAM U5KATB YX4JAQRSA6JFXXLHQ6QA245Y
07-03	0258	Gumdrop	30 chr EAM 2MDKJX YVU72OOGZBENCZH2BFVHJBUI
07-03	0304	Gumdrop	30 chr EAM 2MOCD3 2HTJYAKTQIZTHBZJTBP0K4D7
07-03	0325	Gumdrop	30 chr EAM 2MU2TN 07AVOCSSRKKFDIPZQ4Y3REG4L
07-03	0304	Gumdrop	30 chr EAM for Shot Dialed, for Ecce, for Tetra U5I44F MTZOPC2KZTC3ZAJ5X2KA5N4O
07-03	1409	Gumdrop	30 chr EAM for Shot Dialed, for Ecce, for Tetra, for Co-sign U52X36 EMHQBRBCPF43MXVJWRWSR6M
07-03	1446	Gumdrop	158 chr EAM 45OP53 UAIQWYQFWHEHLIXLKCHRVEECRIPE6N6X4RRK- KKKGB32LOR2JTB6L3KGV4ENWHNIKVVVIGWUXXX5U6HJLLBL6OVCF2VCFVFFV- JEW4BL4L4OTRRCEENWWWVESV2UCTYNTAHKSPD3RRRR4VI2QYZGH
07-03	1459	Gumdrop	30 chr EAM for Smoulder, for Hep Cap U5XY5S CVMVQWZ575J3JR5ANUHVV6JE
07-03	1633	Gumdrop	30 chr EAM 2MHV66 XXPCW7DNEPFCEZGP7V7MLPU
07-03	1713	Gumdrop	30 chr EAM for Smoulder, for Hep Cap U5KPPP 24P3RG25CXLYCJA6G56L3P7A
07-03	1747	Gumdrop	42 chr EAM U5XSIV FGHKTRPK5EWBTBNYQ3T3YQAYMKPE6R762FQFS
07-03	1803	Gumdrop	30 chr EAM for Smoulder, for Hep Cap U5XASC 7TZEHLTQTLPI72AUAEA6CL2
07-03	1832	Gumdrop	30 chr EAM 2MGBTR DXVGHYKLTJVHU7KM3Y37ZF2W
07-03	1917	Gumdrop	30 chr EAM for Shot Dialed, for Ecce, for Tetra U5A7I7 6J74PIGPVORQ6EYORULV6KMD
07-03	1936	Gumdrop	30 chr EAM for Shot Dialed, for Ecce, for Tetra U5ZASP TXP6U7G2TTBGPSFS657LNZO3
07-03	2318	Gumdrop	30 chr EAM for Shot Dialed, for Ecce, for Tetra U5INFT UH43UL36K6A3HKOOKQ4TP7C3
08-03	0232	Ladyfair	30 chr EAM 2MQ56E YCDH4NW6HI7WKGHO5VUG4QFJ
08-03	0725	Ladyfair	30 chr EAM 2MDSC7 I6ULBKOK5BLC447F36TGYUO6
08-03	0729	Ladyfair	30 chr EAM 2MDSC7 I6ULBKOK5BLC447F36TGYUO6
08-03	0732	Ladyfair	30 chr EAM 2MPRYE 3WSUVTNDSEYOSW3EE3HC4QZP
08-03	0736	Ladyfair	30 chr EAM 2MPRYE 3WSUVTNDSEYOSW3EE3HC4QZP
08-03	1339	Ladyfair	126 chr EAM 45UMTK I5FQRKPBTN5L5EGCQGD04PEEAE2EYHHAMAGVTZXTGEEEEJKS- RZZTZBVZ4IGRNYFGGGIHZQ2JBTBVI6XCJOOJ5555LEBELJV3L4XU6OY- GUF5555IJTNUNKIK
08-03	1353	Ladyfair	30 chr EAM for Shot Dailed, for Dugan, for Bolan U5RAQW IF5F2OKHBUJETRI- MARSSW6AN
08-03	1417	Ladyfair	30 chr EAM for Shot Dailed, for Dugan, for Bolan U5H2KX 4HK5347RV3DVE4ZTYBL57OU4
08-03	1454	Ladyfair	54 chr EAM 457NBB CFFRPEOXKE4ZCVHZPRUNPQQ2QXR7SGYGGSTTTDOW4BXGHV
08-03	1501	Ladyfair	30 chr EAM 2MT6PP NCGBMLGHB3ECOUIWJ2WPYMPR5
08-03	1505	Ladyfair	30 chr EAM 2MN7XY T2FY3RF6GWUNZKIHB2HLDCB6
08-03	1533	Ladyfair	30 chr EAM for Smoulder, for Hep Cap U5UVQG BYRRX4RN3ADITE2NZXS45DJB
08-03	1543	Ladyfair	30 chr EAM for Smoulder, for Hep Cap, for Co-sign U5TQ7N BAZRVA- BEH426YOYAYUFND3ZO
08-03	1603	Ladyfair	37 chr EAM U5QZNY OSBGIJCL5RPYTCDS5Q6GZ52SVHY7GNFM
08-03	1620	Ladyfair	62 chr EAM U5352F IGDR3E2PSE2KKUYS2HMODIXB344I3LHCJVWYS53MO- DIGLC3JH6GHD7V7
08-03	1734	Ladyfair	30 chr EAM for Shot Dailed, for Dugan, for Bolan U5JK25 IJYWWC4IF6MN6LHGLRLQU3CR
08-03	1740	Ladyfair	30 chr EAM for Shot Dailed, for Dugan, for Bolan U5JK25 IJYWWC4IF6MN6LHGLRLQU3CR

08-03	1759	Ladyfair	30 chr EAM for Shot Dailed, for Dugan, for Bolan, for Co-sign U5BSKH HUPAFAWMJK7KACMYFKX3B2IS
08-03	2215	Ladyfair	30 chr EAM 2MSQDR SGHH72YW7WENNCWWQPPCJVGR
08-03	2217	Ladyfair	30 chr EAM 2MM7PR OBQ34BERXG4B67DBGSBSKEAC
09-03	0116	Internal	30 chr EAM 2MCMQG YRP3BHLJYQB17QFFDJKEVJZH
09-03	0232	Internal	30 chr EAM 2MNIDG 6EAHD2DB7GHL5GA4IXOJ723X
09-03	0528	Internal	30 chr EAM 2MSJYG NH3TZWWCIJXJQNOAPGNRXL7G
09-03	1238	Internal	37 chr EAM U5DG4P KAY2GLJF37JHC4E6QCFW67V7SB36FG4
09-03	1408	Internal	30 chr EAM 2MVWO3 JGJTRQVDZF5VPDHTOFQSPW2E
09-03	1418	Internal	30 chr EAM for Stuff-49 U5VH2A NBKZ52WVCRT5EDFBGQWCXLN
09-03	1446	Internal	30 chr EAM 2MKS3Q B6LRONBGITEL7OD23HUTVSY3
09-03	1606	Internal	30 chr EAM 2MTBBU RAQ6JVHG544LWRGC5B2OL7EY
09-03	1632	Internal	30 chr EAM for Turf U52RIC USRYEFS6N4KWX7DA2VDCABTV
09-03	1646	Internal	30 chr EAM for Turf U5R3ZZ 4SKNXSII4KKVMXZ3QIOL6PGA
09-03	1700	Internal	30 chr EAM for Turf U57MII 7E2CUEJMMK6J6ZYY5HGHQA6Q
09-03	1714	Internal	37 chr EAM U52WML CAHERT3L6LDQHG7EHEW2C4IAZULGOWR
09-03	1932	Internal	30 chr EAM for Turf U5XPYN NW3VOCQ3NYQJJ2EU6EPRVJH7
09-03	1946	Internal	30 chr EAM for Turf U5RCHC DWIJJ6XECNM7ZGFPKWNFMQZ
09-03	2046	Internal	30 chr EAM 2MJOQE DWV7VU6KFGI7QFUUNNEU2GXV
09-03	2337	Internal	30 chr EAM 2MJE3W HPCSR4WRBZTJPPJBO6F3W7S
10-03	0028	Memorial	30 chr EAM 2MQ3R6 JFUBTWJEI4NG3325FSTKWRXP
10-03	0034	Memorial	37 chr EAM U5OZ6N YAFO5DPV7EDAKP3QCVDHLUEWMCPV62R
10-03	0118	Memorial	30 chr EAM 2MFWME 2FBPJQ6RDZYVJMQZ5E2SWUZ
10-03	0153	Memorial	30 chr EAM 2M7HQZ JOTN57XY42F4OJ7LNE2Q7SK6
10-03	1456	Memorial	30 chr EAM 2M5NJJ PJW5D3RWNO4RLF7EPNPDP6AU
10-03	1500	Memorial	30 chr EAM 2M5NJJ PJW5D3RWNO4RLF7EPNPDP6AU
10-03	1519	Memorial	37 chr EAM U56E27 KUERQGSOVJIGSFO3KL6HQ62IEXP4DB
10-03	1524	Memorial	36 chr EAM U5WPVR 2657DOYCHZUSGUDCVVASXXUZZ33DCO
10-03	1547	Memorial	30 chr EAM U5YNGE SGXXNQ54UFRL2UOAXNEB5SIO
10-03	1609	Memorial	54 chr EAM U5LPP6 77ECBKS4ELLKE3D3YP3D32Q3LFDYLVLE5IV3LF6YAQ2VGF0
10-03	1619	Memorial	30 chr EAM 2MEVYO 6NKCLDENFF2665F76TEFQPWH
10-03	1743	Memorial	30 chr EAM 2MTJHH D7EVQAAU77ZU6FDBQAC35QGP
10-03	2357	Memorial	30 chr EAM 2MCAQD CD3JALEOEUH76OYHSBXPFCY5
11-03	0524	Dogpatch	30 chr EAM 2MI4CJ QOLSULE4NQK2Q42YVZFRIVPC
11-03	1747	Dogpatch	30 chr EAM for Epsi-61 U5PWDW 7RVZN7BYZ5SVUOTY2VJJPIK4
11-03	1817	Dogpatch	30 chr EAM 2MRUSO LREVEOTFHFFSIRGYHQCNW4QG
11-03	2010	Dogpatch	30 chr EAM 2M7ZQV LVMWNH3AOHXAXMFY4NYEVXLN
11-03	2013	Dogpatch	30 chr EAM 2M2HAF XYMIBMULRBEOEETL2GAQI6VM
12-03	0004	Fillmore	30 chr EAM 2MO3PC 2GGHO6P2PRXZQDLMHKBK3JNCU
12-03	0007	Fillmore	30 chr EAM 2MXARO 37ONFRZLGG3H6ZRYP7RJ6DGS
12-03	0108	Fillmore	36 chr EAM U55Q4W ERQ45FN4LYU55GTVVPLPKJL7GJSKTN
12-03	0130	Fillmore	30 chr EAM U5GWBZ N4Q4XRSLBZCDG7XHXYBXBY
12-03	0144	Fillmore	30 chr EAM 2MWUYY AUVDIDJDLFLONS2IBQENZGQO
12-03	0202	Fillmore	30 chr EAM 2MRWSZ CBIKLMXO7JWGEQMCZVAWPQ6L
12-03	0231	Fillmore	30 chr EAM 2MEO42 3UNVGF52QX37OLAYOT6WGLA
12-03	1448	Fillmore	36 chr EAM U5WURL NSKNEE4TVLHAIJ7WPWC4NVTBM5U43K
12-03	1453	Fillmore	41 chr EAM U5IHQO LFWCHAXMBS4PYNC7CZ5273JJINO4UOE2KPQ
12-03	1524	Fillmore	30 chr EAM U5OFIC EJUSTAU32CPHFIFHLCU6QTD5
12-03	1532	Fillmore	30 chr EAM 2MF4IM XFG2TTC2BDOYE5NMQXNZRKYI
12-03	1535	Fillmore	30 chr EAM 2MPHL6 VLYC5SGS777FF2S3G6CTSBJK
12-03	1546	Fillmore	30 chr EAM U5EFSO AKWRDOUB2K7B6UIBQHH74VSN
12-03	1548	Fillmore	30 chr EAM U5EFSO AKWRDOUB2K7B6UIBQHH74VSN
12-03	1551	Fillmore	30 chr EAM 2MUFX4 HDET2LJL2FZFFTKSMPQNUIPB
12-03	1624	Fillmore	30 chr EAM 2M3R6N JXCBSIUQFUPTLVTYCM24QCD
12-03	1727	Fillmore	30 chr EAM 2MSRJ7 HKKBVZ7QQQB2FCO5IVJDKAPE
12-03	2237	Fillmore	30 chr EAM unreadable, distorted audio
13-03	0051	Legality	30 chr EAM U5JR4J 5BAY6IGD5XP6E6HPLVDAIP4S
13-03	0103	Legality	30 chr EAM 2MCEPW QGBAE5RSMWPSTFEP4DCHGL4F
13-03	0107	Legality	30 chr EAM 2M34UR ONFC62U77S3TAXVWXN4WABLU

13-03	0117	Legality	30 chr EAM 2MCKQI TFR7HAKZE3EGUXYJLUAHYMR2
13-03	0202	Legality	30 chr EAM 2ML4MW 3TACH2BFQQOEBRSDAQF3EIZ4
13-03	1835	Legality	30 chr EAM 2MKOOF EXQHTESGOVWYR2QMGBP7EFR5
13-03	2132	Legality	30 chr EAM 2M5LGR NRMDDDSG5GRHKI5WNLBI6H2O
13-03	2220	Legality	30 chr EAM 2MCPLG 6VS7GAJB6GLERXAO4MMPHN4E
13-03	2230	Legality	30 chr EAM 2MCPLG 6VS7GAJB6GLERXAO4MMPHN4E
13-03	2248	Legality	30 chr EAM 2MZZTR UDEP6WWSN6JFAWGD6TGX5BSK
13-03	2250	Legality	30 chr EAM 2MOQPZ Z5EJ4OPNOYCDURUQ5WPTY2OAC
13-03	2301	Legality	30 chr EAM 2MOQPZ Z5EJ4OPNOYCDURUQ5WPTY2OAC
13-03	2303	Legality	30 chr EAM 2MZZTR UDEP6WWSN6JFAWGD6TGX5BSK
13-03	2305	Legality	30 chr EAM 2MCPLG 6VS7GAJB6GLERXAO4MMPHN4E
13-03	2330	Legality	30 chr EAM 2MOQPZ Z5EJ4OPNOYCDURUQ5WPTY2OAC
13-03	2305	Legality	30 chr EAM for Region Bravo U5ZLXR DFVB3WOOYASLJSBM4544BQFZ
13-03	2345	Legality	30 chr EAM 2MZZTR UDEP6WWSN6JFAWGD6TGX5BSK
13-03	2348	Legality	30 chr EAM 2MCPLG 6VS7GAJB6GLERXAO4MMPHN4E
13-03	2355	Legality	30 chr EAM 2MANCF QKAGCZOTAFFWV22C5COW23SE
14-03	0000	Resident	30 chr EAM 2MANCF QKAGCZOTAFFWV22C5COW23SE
14-03	0003	Resident	30 chr EAM 2MWMSD WZSHKX7RJHGHV2F42LFKBRHZ
14-03	0006	Resident	30 chr EAM 2MV42F D27UWCHG4OTZ6C23Y2QKWYBZ
14-03	0009	Resident	30 chr EAM U57TJ7 QQ3Z2GBKMBAJAQICS4C7I2J4
14-03	0013	Resident	30 chr EAM 2M4SZ4 BEE5WXSUJGNRJLJTANMV364
14-03	0630	Resident	30 chr EAM 2MDADC QQ6RNZZHRXSSZAHNOMUJPS3H
14-03	0013	Resident	30 chr EAM 2MVFPY YDPK2U7ZSTBO62AYAALKBOHQ
14-03	1539	Resident	30 chr EAM 2M2BX2 BYWRKPRSZWLRG2BNN6VFOWE3
14-03	1832	Resident	30 chr EAM 2M3MXX E4B7QP6YRZ7JL3TEORX6LV2U
14-03	2344	Resident	144 chr EAM 456AP4 JBZ4LJA2HXQU3CAWZARQOVJIT6EQSKNOAH-CBKSIF2ZFHKBDQHLDEEEEMOG2BZ37ARYCF25N27D3EMMRGN43DJRL-BYYO47LXPP33PW4444C2QKAIYYPT77MNNG2222XPW424UOY
14-03	1356	Resident	144 chr EAM 456AP4 JBZ4LJA2HXQU3CAWZARQOVJIT6EQSKNOAH-CBKSIF2ZFHKBDQHLDEEEEMOG2BZ37ARYCF25N27D3EMMRGN43DJRL-BYYO47LXPP33PW4444C2QKAIYYPT77MNNG2222XPW424UOY
15-03	0232	Big Nine?	30 chr EAM 2MMP32 4F4BRJAAQ3ZV2WSCCLFZOIW4
15-03	1949	Big Nine?	30 chr EAM 2MBO6M IOFNXXILFRGR5K452EMP73XV
16-03	1447	Stringer	30 chr EAM 2MCG7O DWBD7OAFGAWLUH622JBSFOUH
16-03	1725	Stringer	37 chr EAM U5NUJL RZP3LGZF2543MTAP3GONW2LFSISIBL2
16-03	1836	Stringer	116 chr EAM 45V2SP WAWPY34RRR54SBT7AT6RTJ6C2NDTQOLSUK-TUP6HJALZLQONNZVCVZFFFFVJEW4LLCYGOYY7TTY-CWWWVESV2UTTTQZA66PHHHSRRRR4VI2JKKKH
16-03	1946	Stringer	30 chr EAM 2MVJXH R2QPBLZSTRQZ46DMM36VOGKU
16-03	2353	Stringer	30 chr EAM 2MYSUU FWIIGKY3TR3EW7ASYVR2XEN7
17-03	1310	Auditory	30 chr EAM 2MI7NL CJGW7C3GYOOUYJUUTOGLVT3Y
17-03	1505	Auditory	37 chr EAM U5ZBT7 G3GELG7W643NPZ3NOBT4IZYCIDEWCC
17-03	1528	Auditory	30 chr EAM U5MNFJ VNVJCB6LZ3EFF3DK3ZO7GDMA
17-03	1541	Auditory	37 chr EAM U5DMUD 4D6DHPIUGTS7JPNQGWEP6YOZRX67B6X
17-03	1558	Auditory	30 chr EAM 2MD5UQ FMKTLJNHQFAYVTJWWTRY7AQE
17-03	1602	Auditory	30 chr EAM 2MDPP2 YZQWHKQ66RUM6H2ZNCUMZ4T6
17-03	1629	Auditory	30 chr EAM 2MDPP2 YZQWHKQ66RUM6H2ZNCUMZ4T6
17-03	1631	Auditory	30 chr EAM 2MD5UQ FMKTLJNHQFAYVTJWWTRY7AQE
17-03	1719	Auditory	30 chr EAM 2M3BHS MWBWS3CYGNJSQYYCZ5HFWKQ7
18-03	0026	Offhand	42 chr EAM U52GT7 DEL6VBRD4XQ3ZQDCCFWDCCSVLBW4CFHVHO2Y
18-03	1456	Offhand	30 chr EAM 2MKJ6G NTQJMDK2PMXSPURCQ53K52AW
18-03	1459	Offhand	30 chr EAM 2MKJ6G NTQJMDK2PMXSPURCQ53K52AW
18-03	1746	Offhand	30 chr EAM for Diff-04 U5MPTA 5ILG5H7OKFXUTWQTN4LAXYBU
18-03	2223	Offhand	148 chr EAM 45S6YP GRTBXQWYQA5LKEGKEGDO4PEY2S67VOBSRZBZ5AZGG6YIIGGGG-GIHZQ2H2JJNICCAX5JC5555LEEZ6P3Z7LTEKDIEDOKEL2U4LYXO6UL-JIF55551JTNKRHPB4T3VHZPHUPLS22CW46SWKV
19-03	0216	Construct	30 chr EAM 2MRLFG RAYJ3B4JI7V2UDMDG3P4IBV3
19-03	1003	Construct	30 chr EAM for Torpedo, for Louis? U5TDJY 4JO5IHDOHOITREZTNWNABRSA distorted audio
19-03	1017	Construct	30 chr EAM for Torpedo, for Louis? U5N4UL Q3RIHN3QS5TTBVD3GGZ5H4C5

19-03	1030	Construct	30 chr EAM for Torpedo, for Louis? U5EWSY Y2FCNG4YGYNESMIX6LL7HFS
19-03	1158	Construct	30 chr EAM for Torpedo, for Louis? U5XJJ4 DJ3JUY5F5UUKD5VK4XIATVEP
19-03	1555	Construct	41 chr EAM U52QAY GP7K4TUZHWEMLVDLWIOYPFZX50A6YOXDP66
19-03	1644	Construct	30 chr EAM 2MXTVO WFCBI5RD2KSSAQC3UTZ77LDP
19-03	1648	Construct	30 chr EAM 2MUXJO GLAVJR2XNPANOPKDQYR4FOXK
19-03	1700	Construct	30 chr EAM 2MUXJO GLAVJR2XNPANOPKDQYR4FOXK
19-03	1704	Construct	30 chr EAM 2MYFHT UHQU6QPBE2OVYJODKDD3MZOR
19-03	1706	Construct	30 chr EAM 2MUXJO GLAVJR2XNPANOPKDQYR4FOXK
19-03	1709	Construct	30 chr EAM 2MXTVO WFCBI5RD2KSSAQC3UTZ77LDP
20-03	0036	Sensitive	30 chr EAM 2MCU6J WXX5FT73DQZPLX6CULI4VM7Z
22-03	1632	Pickaxe	30 chr EAM 2MBFV2 NR62RN4ABSD3MQY7ASSKGR3
22-03	1807	Pickaxe	133 chr EAM 45HCWS WGINU7ZWZ5IHG4JVZJRHYWXXJEEVAQKKLKUMRRREBJIIWJK- KKKC5UVEFCCFIEBNXXNXXKKKKGBW4ECHNNVKT4VIVVXXX5U6HJS6AJ6ONCFNZFT- FFFFVJNXXKBB
22-03	2155	Pickaxe	30 chr EAM 2MZIXQ VOHH2UHHWYX332MRTQHAYA40
23-03	0030	Tame Fox	30 chr EAM 2MWC2Z JKXA2VJK5IUI4LTFYLY6ZDC
23-03	1836	Tame Fox	30 chr EAM for Barrel Stove U5AREN H4LAUZDGJ7FBR7FXRW3SZ5RM
23-03	1938	Tame Fox	30 chr EAM for barrel Stove U5BAJB TVP53ZPRD44GSWBTVDNFNIYS6
24-03	1703	Diligent	30 chr EAM 2MKAAY DCIGSZBUJEIMQLJU5UUPHIAR
24-03	1733	Diligent	51 chr EAM U5NJET 7QQL52J6FPJ7U4T7WKQFP4WMVDHSC7FT44SW2LKBUEA4Q
24-03	1827	Diligent	30 chr EAM for Hurado? U5NOAP DWXYEHPBMXXXP3XAW65YD75P
24-03	1843	Diligent	30 chr EAM for Hurado? 4AACH7 W5BT3HYUX2RV5TM65FCA3NYR
25-03	0147	Drag Race	30 chr EAM for Test 4AAZP5 G2NE4P4K2WFRQNDYCRVSR27Q
25-03	0159	Drag Race	30 chr EAM for Test 4AIVON DWDXIC75S6HOX4C773S3BYHR
25-03	0212	Drag Race	30 chr EAM for Test 4AXCV6 UFQ5XDKIFP5SPN4XJH7Q3ROJ
25-03	1537	Drag Race	30 chr EAM for Test 4AJ5JG GYXC3U3QNUSSVZ75EYZWLIDC
25-03	1553	Drag Race	30 chr EAM for Test 4AXH4B PFYM524DGMQ3W3A6KFCEP6UV
25-03	2011	Drag Race	30 chr EAM 2MC622 XZHQCYDRBT4ZXFITTUOFT2BK
25-03	2056	Drag Race	30 chr EAM for Test 4APECJ 6MAHOUPPIC6JE6AYK6LCXVV5
25-03	2114	Drag Race	30 chr EAM for Test 4ALV24 YK3CJN6QTY64JGMUYXOUU4KP
26-03	0418	Mangrove	30 chr EAM for Grown 4ALGOU 7VEBJUJTRMQWC4XLTLYAAXXY
26-03	1727	Mangrove	30 chr EAM for Grown 4ABLQO PKU5I22NK4XYN2VIN6CRP5TO
26-03	1735	Mangrove	30 chr EAM 2MAOJN MWXJOJDKOPIFYPHNEDKWZJX
26-03	2119	Mangrove	30 chr EAM for Grown 4AM63F EGRLO5DRFFQVQNGLS3JXYCI
27-03	1536	Surf Tide	30 chr EAM for Emote 4ALQ4A 5JUKTQYFCPFJ7Q4ARRVA7W6L
27-03	1546	Surf Tide	30 chr EAM for Emote 4APP7G BL25ORRAW6CTOSXELFEQGBFP
27-03	2149	Surf Tide	30 chr EAM 2MSOZX UXHCVWJRORIPH63K5VE3PJON
28-03	1601	Original	52 chr EAM 4AFBT6 K6SX43XPOMR66KWI5THPFZK4EXGGWQWI57H26ZK3LU3GHN
28-03	1605	Original	41 chr EAM 4AMPK4 RVIQLMZ4653FSUYZJC42QRGB2OFZN6TNO47
28-03	1643	Original	30 chr EAM 2MCBZJ 4SBZT6SEMOP2MOTBRAUXKSPO
28-03	1713	Original	30 chr EAM 2MX44V 3RX6CZ2DAKV3WC2B7S4UVKEJ
28-03	2020	Original	30 chr EAM 2M7X6N VRQBM3JQKUKTUTDHRF4DNI
29-03	1732	?	30 chr EAM 2MIG3M FUQNHYDRGC4KOMUT24ONCPGK
30-03	2146	Concrete	30 chr EAM 2MMD7R KN33T2XXCF2X3OZPN5SDX2TR
30-03	2346	Concrete	30 chr EAM 2M42FB 6VN3KGN4YWUE5XGACY42PFV3
31-03	1304	Dumpling	71 chr EAM 4A6DUO GWCBSQO6TE62FPHC2ZVSSSQKRSFITQLL- BZG5LH7ZG5L7LZG5LLBZG5LH5ZGQL7QZH
31-03	1333	Dumpling	71 chr EAM 4A3W3P QCTK4BU6BKFDNTT7FXKHRWW2UQLCTYVSHSDYVNHSDY- VTHS3YVHSD (nothing else heard)

RUSSIAN MILITARY TRANSCRIPTS

Excerpts from logs submitted by AB, WP3, F5JBR and Gwr.
All Monolith voice station logs were reported by Gwr.

Strategic messages

5293 kHz, 02-03, 0939 UTC XXX XXX 1ShchRF 1ShchRF 19536 DOZhDINKA 4593 9736 K
4379 kHz, 02-03, 1702 UTC XXX XXX 1QRF 1QRF 52943 TIGROWAR 5032 5051
3767 kHz, 03-03, 1018 UTC XXX WAMQ 39587 MYRDWINKA 2847 0309 K
7988.5 kHz, 04-03, 0537 UTC XXX WAMQ 40998 ZWÄKWChNI 0183 7558 K
8219 kHz, 04-03, 0544 UTC XXX SVDU 01571 WODWORENIE 8498 8088 K
8219 kHz, 04-03, 0601 UTC XXX SVDU 81190 GARSITUR 8850 7319 K
7988.5 kHz, 04-03, 0603 UTC XXX WAMQ 32758 AWANTÜRA 4077 7336 K
5753 kHz, 04-03, 0620 UTC RCC: Russian Navy, Petropavlovsk Kamchatskly XXX RJY50 98224 PASKUDNYI 0702 K
5270 kHz, 09-03, 1420 UTC XXX XXX 9RPN 9RPN 21201 OPLAKIVANIT 7124 4010 KLUBOKIOSK 3323 5272 K
5169 kHz, 10-03, 0952 UTC XXX XXX ONG4 ONG4 51365 BORZOPISYa 0855 7733 K
6958 kHz, 12-03, 0919 UTC XXX 8S1Q 90630 WLASTELIR 0951 8869 K.
6650 1969 IZÜMOZONT 7804 9453 WODOLÛB 6030 3600 K
5371 kHz, 12-03, 1118 UTC XXX WEGI 04418 SENOKOChENXS 8107 5258 UÖESOSKIT 1300 0271 K
4810 kHz, 12-03, 1055 UTC XXX RMU51 88187 ABAZOChEST 0080 1067 KANTON 9598 1993 K
5864 kHz, 12-03, 1051 UTC XXX TRHD 88187 ABAZOChEST 0080 1067 KANTON 9598 1993 K
5808 kHz, 12-03, 1044 UTC XXX ANWF74176 DIODOSLOM 2792 1821 DAROKRON 6847 0176 K
5096 kHz, 12-03, 1044 UTC XXX ANWF74176 DIODOSLOM 2792 1821 DAROKRON 6847 0176 K
5343 kHz, 12-03, 1044 UTC XXX ANWF74176 DIODOSLOM 2792 1821 DAROKRON 6847 0176 K
5808 kHz, 12-03, 1033 UTC XXX ANWF 25335 WTORIÖNOSTX 6066 8042 K
6701.5 kHz, 12-03, 1035 UTC XXX WEGI 53629 SREZOSWAT 6107 0012 PODTESKA 0273 6985 K
7994 kHz, 12-03, 1038 UTC XXX 9RPN 79774 ZUMMER 8833 5070 K
5369 kHz, 12-03, 1037 UTC XXX XXX WEGI WEGI 53629 SREZOSVAT 6107 0012 PODTESKA 0273 6985 K
5169 kHz, 12-03, 1044 UTC XXX XXX ONG4 ONG4 22373 V'YuNOFINN 2064 5635 K
5107 kHz, 12-03, 1114 UTC XXX XXX AKD9 AKD9 12138 KUMOVATT 0082 1835 K (pip cw)
5169 kHz, 13-03, 1303 UTC XXX XXX ONG4 ONG4 12828 BASOKADR 6990 3043 K
5270 kHz, 13-03, 1420 UTC XXX XXX 9RPN 9RPN 18192 OBMOTKA 1301 5829 K (same time and freq as XXX 9RPN on Monday 9th march)
8035 kHz, 14-03, 0856 UTC XXX PECl PECl N N N N N N N N N K PECl DE XCNC QBE K
7815 kHz, 13-03, 0801 UTC XXX LR43 TENIÖESKAÂ PROWERKA 592 K
5793 kHz, 13-03, 0802 UTC XXX WLHN 58275 TERRARIUM 4341 4897 K
7289 kHz, 13-03, 0900 UTC XXX LOMO 14492 VUEKOFOT 3159 6575 K
7457 kHz, 14-03, 0728 UTC RIT: XXX RLO WETER 3 PO RAJONAM 674 675 676 677 K
7815 kHz, 14-03, 0806 UTC RBL88: XXX LR43 TENIÖESKAÂ PROWERKA 592 K
7815 kHz, 14-03, 0803 UTC RBL88: XXX LR43 TEHNIÖESKAÂ PROWERKA 592 K
5169 kHz, 16-03, 1438 UTC XXX XXX ONG4 ONG4 83842 DELEN'E 1984 1784 K
5107 kHz, 17-03, 1019 UTC XXX XXX YWOM YWOM NYeYaSYT' 5091 K
5376 kHz, 17-03, 1105 UTC XXX XXX ZhZFY ZhZFY ZYeTOKOBYe 2485 K
7815 kHz, 16-03, 0800 UTC XXX LR43 TENIÖESKAÂ PROWERKA 592 K
7815 kHz, 16-03, 0804 UTC RBL88 wkg RBL90 RFN69 RFN77 RGR99: XXX LR43 TEHNIÖESKAÂ PROWERKA 592 K
5021 kHz, 17-03, 0733 UTC XXX ANWF 30162 DIODOPIR 2143 2879 K
7815 kHz, 17-03, 0802 UTC RBL88: XXX LR43 TENIÖESKAÂ PROWERKA 592 K
7815 kHz, 17-03, 0805 UTC RBL88 wkg RBL90 RFN69 RFN77 RGR99: XX LR43 TEHNIÖESKAÂ PROWERKA 592 K
7178.5 kHz, 17-03, 0811 UTC XXX 8S1Q 49838 ANORTIT 9076 7204 K
5293 kHz, 17-03, 1345 UTC REA4: XXX 1QRF 66274 SIROTENOÖKA 0589 1826 K
7289 kHz, 20-03, 0709 UTC XXX H8AC 8QLO 7UID 094A QTLM 9XJ1 JBRA 6WB9 46050 40419 14418 36788 48015
2636054878 39210 APISOChPON 8667 1692 K
7815 kHz, 18-03, 0801 UTC RBL88: XXX LR43 TENIÖESKAÂ PROWERKA 592 K
7815 kHz, 20-03, 0803 UTC RBL88 wkg RBL90 RFN69 RFN77 RGR99 XXX LR43 TEHNIÖESKAÂ PROWERKA 592 K
(RFN69, RFN77, RGR99, RBL90 acknowledge receipt)
7815 kHz, 18-03, 0807 UTC RBL88 wkg RBL90 RFN69 RFN77 RGR99 XXX LR43 TEHNIÖESKAÂ PROWERKA 592 K
(RFN69, RFN77, RGR99, RBL90 acknowledge receipt)
6888 kHz, 20-03, 0738 UTC XXX 23311 KONWERT 4378 6545 K

5293 kHz, 20-03, 0937 UTC	REA4: XXX MSK7 45058 MORVOPAH 3944 0814
9968 kHz, 21-03, 0800 UTC	XXX LR43 TENIÔESKAÂ PROWERKA 592 K //9902 //7815 kHz
7815 kHz, 21-03, 0805 UTC	RBL88 wkg RBL90 RFN69 RFN77 RGR99 XXX LR43 TEHNIÔESKAÂ PROWERKA 592 K (RFN69, RFN77, RGR99 and RBL90 acknowledge receipt)
5169 kHz, 25-03, 0928 UTC	XXX XXX ONG4 ONG4 09056 KURDOKEB 8026 0959 K
5169 kHz, 25-03, 1128 UTC	XXX XXX ONG4 ONG4 27565 BULANYJ 8300 7255 K
5270 kHz, 25-03, 1153 UTC	XXX XXX 3RCF 3RCF 83898 SAKOWOZ 0310 5660 INOGORODNIJ 6402 1536 BESTALANNYJ 5008 1402 K
5370 kHz, 25-03, 1351 UTC	XXX XXX G5C' G5C' 38737 ZWUKOSHNEK 4208 2365 K
5292 kHz, 26-03, 1026 UTC	XXX XXX 1ShchRF 1ShchRF 15400 SKOWORODNYJ 6949 0664 K
5169 kHz, 26-03, 1128 UTC	XXX XXX ONG4 ONG4 02565 LYaPOSKIT 0704 8117 K
4983 kHz, 27-03, 0836 UTC	XXX WEGI 62749 TRIBUNAL 3191 5331 K
5293 kHz, 27-03, 0845 UTC	REA4: XXX 1QRF 00981 PROVIGATELX 8338 8338 K
5293 kHz, 27-03, 0847 UTC	REA4: XXX 1QRF 73494 283= DDDDD SEQNJ QÄITÖ PQZYW .. K //4292 kHz
7287 kHz, 27-03, 0900 UTC	XXX 8QLO JBRA 01582 03673 WWOZOPRYQ 5005 1008 K
4292 kHz, 27-03, 0901 UTC	REA4: XXX 1QRF 89616 BUFERIZACIÄ 4057 0838 RIFTOBATÄ 9405 0095 K //5293 kHz
5293 kHz, 27-03, 0956 UTC	REA4: XXX 1QRF 43042 SHOVIJ 9850 5077 K
6184 kHz, 27-03, 1005 UTC	XXX 8S1Q 75782 INDIWIDUUM 1959 9594 K
9902 kHz, 28-03, 0802 UTC	XXX LR43 TENIÔESKAÂ PROWERKA 592 K //7815, 9968 kHz
7815 kHz, 28-03, 0803 UTC	RBL88 wkg RBL90 RFN69 RFN77 RGR99: XXX LR43 TEHNIÔESKAÂ PROWERKA 592 K (RFN69, RFN77, RGR99, RBL90 acknowledge receipt)
7815 kHz, 30-03, 0802 UTC	XXX LR43 TENIÔESKAÂ PROWERKA 592 K //9902//9968 kHz
7815 kHz, 30-03, 0803 UTC	RBL88 wkg RBL90 RFN69 RFN77 RGR99: XXX LR43 TEHNIÔESKAÂ PROWERKA 592 K (RFN69, RFN77, RGR99 and RBL90 acknowledge receipt)

Monolith stations

Channel markers

9250 kHz, 05-03, 1649 UTC	Buzzer channel marker. Harmonic of 4625 kHz
9250 kHz, 19-03, 1659 UTC	Buzzer channel marker. Harmonic of 4625 kHz
9250 kHz, 26-03, 1700 UTC	Buzzer channel marker. Harmonic of 4625 kHz
9250 kHz, 27-03, 1728 UTC	Buzzer channel marker. Harmonic of 4625 kHz
9250 kHz, 31-03, 1741 UTC	Buzzer channel marker. Harmonic of 4625 kHz
4625 kHz, 31-03, 1741 UTC	Buzzer channel marker. Harmonic on 9250 kHz
3756 kHz, 31-03, 1742 UTC	Pip channel marker
5448 kHz, 31-03, 1300 UTC	Pip channel marker
5473 kHz, 31-03, 1301 UTC	Squeaky Wheel channel marker
3828 kHz, 31-03, 1744 UTC	Squeaky Wheel channel marker
5292 kHz, 31-03, 1745 UTC	Channel marker D
4182 kHz, 31-03, 1746 UTC	Dash channel marker
3510 kHz, 31-03, 1748 UTC	Air Horn channel marker
3243 kHz, 31-03, 1748 UTC	Goose channel marker
4770 kHz, 31-03, 1749 UTC	Alarm channel marker

S28 Buzzer – Western District

4625 kHz, 09-03, 1410 UTC	ANVF 37891 VYeRTOLYeTNYJ 7202 6932 BURSAK 1701 1440
4625 kHz, 25-03, 0936 UTC	ANVF 04097 DOPRIZYVNYJ 0468 0919

S30 Pip – Southern District

5448 kHz, 02-03, 0924 UTC	8S1Shch 98897 VPUTYVANIYe 6478 5282
5448 kHz, 02-03, 1253 UTC	8S1Shch 95793 GYeRCOBUR 4337 0262
5448 kHz, 02-03, 1500 UTC	HCLF 61HZh ZBIL L7O5 V'Z' NLCYe LI27 V2MZ SB7Z 'O6P
5448 kHz, 04-03, 0945 UTC	8S1Shch 74393 NYeBYeLYeNYJ 9373 1391
5448 kHz, 04-03, 1000 UTC	PMV5 L'GH KZI' TShchShchS VKY1 HCLF 61HZh ZBIL L7O5 V'Z'
5448 kHz, 04-03, 1202 UTC	61ZhH 07347 VANODYeK 5864 8483 (callsign is spoof version of 61HZh)
5448 kHz, 04-03, 1205 UTC	ZBJL 91689 BORTOGRAD 2188 2444 (callsign spoof of ZBIL)

5448 kHz, 04-03, 1453 UTC NLCYe LI27 V2MZ SB7Z 'O6P Y8VM 6I2Zh 8CShchJ 27Shch' N1DU
 5448 kHz, 05-03, 1130 UTC 8S1Shch 39978 VYSLUGA 0851 1713
 5448 kHz, 05-03, 1140 UTC Z'1B CI9V ZhSK4 HZ5T 5FSShch 8MUO TUZR 5J7Shch DMC3 49FT
 3756 kHz, 05-03, 1715 UTC C2ZA ShchGJP TZLM FY5Ye F61N 37CN MUDR 7VNShch Zh7NZh YMA5
 5448 kHz, 09-03, 1150 UTC 53OB 78MV DYeAY JH'J 12CI 79AJ ShchT3O CIHS Z7PM S7ZhG
 5448 kHz, 09-03, 1408 UTC 8S1Shch 77387 KLINOK 1663 7196 MIMOShKYeT 8864 5452
 5448 kHz, 10-03, 0934 UTC 8S1Shch 93805 ZAYeMOZAV 6550 7813
 5448 kHz, 10-03, 0934 UTC 8S1Shch 89754 LUCHYeNIYe 3626 7884
 5448 kHz, 10-03, 1228 UTC 8S1Shch PROVYeRKA VYZOVA 4321 1234
 5448 kHz, 12-03, 0953 UTC 37CN MUDR 7VNShch Zh7NZh YMA5 VTH3 AGDT 'U1B OSOG BO6C (same calls and order as 06-02)
 5448 kHz, 12-03, 1034 UTC 8S1Shch 26796 YeDINOYeRNYJ 6843 7570
 5448 kHz, 12-03, 1110 UTC 8S1Shch 12138 KUMOVATT 0082 1835
 5448 kHz, 12-03, 1126 UTC 8S1Shch 25361 IMBIR' 0495 6928 INOKOBLYuM 3658 1899
 5448 kHz, 13-03, 1142 UTC NLCYe LI27 V2MZ SB7Z 'O6P Y8VM 6I2Zh 8CShchJ 27Shch' N1DU
 5448 kHz, 13-03, 1254 UTC 8S1Shch 29430 ZASHIFROVKA 2555 0549 MYeLOBYeJ 5364 3189
 5448 kHz, 16-03, 1143 UTC 8S1Shch MATYeRKA 2186
 5448 kHz, 16-03, 1200 UTC 8S1Shch KLYKORIS 6985
 5448 kHz, 16-03, 1200 UTC 8S1Shch GULOSPaj 5240
 5448 kHz, 16-03, 1211 UTC 53OB 78MV DYeAY JH'J 12CI 79AJ ShchT3O CIHS Z7PM S7ZhG
 5448 kHz, 16-03, 1233 UTC 8S1Shch 68949 BOSFOR 5613 5184
 5448 kHz, 16-03, 1534 UTC 8S1Shch 05252 LYeSOVOZNYJ 1748 8664
 3756 kHz, 16-03, 1645 UTC Z'1B CI9V ZhSK4 HZ5T 5FSShch 8MUO TUZR 5J7Shch DMC3 49FT (same calls and order as 05-03)
 5448 kHz, 17-03, 0944 UTC 8S1Shch 25433 NALADChIK 3574 2943 (Different microphone and operator to message moments later with much louder microphone)
 5448 kHz, 17-03, 0946 UTC 8S1Shch MARShRUTNYJ 6053
 5448 kHz, 17-03, 1018 UTC 8S1Shch NYeYaSYT' 5091
 5448 kHz, 17-03, 1032 UTC HCLF 93044 LYeSOVOZNYJ 1748 8664 on 16-03: 8S1Shch 05252 LYeSOVOZNYJ 1748 8664)
 5448 kHz, 17-03, 1100 UTC 8S1Shch ZYeTOKOBYe 2485
 5448 kHz, 17-03, 1302 UTC 8S1Shch MAGNYeTON 7206 VYGONShchIK 1640
 5448 kHz, 18-03, 1427 UTC 8S1Shch GUZhOHLAD 0860
 5448 kHz, 19-03, 1213 UTC 8S1Shch 44794 V'YuKOMOZG 4970 6924
 5448 kHz, 20-03, 0814 UTC 8S1Shch 31971 GAVROBASK 8021 1552
 5448 kHz, 20-03, 1315 UTC 53OB 78MV DYeAY JH'J 12CI 79AJ ShchT3O CIHS Z7PM S7ZhG
 (same calls and order as on 9 and 16 March)
 5448 kHz, 24-03, 1300 UTC 8S1Shch 96837 NYeSGIBAYeMYJ 4797 1657
 5448 kHz, 24-03, 1428 UTC 42BV 81BR M7KS PMV5 L'GJ KZI' TShchShchs VKY1 HCLF 61HZH
 5448 kHz, 25-03, 1029 UTC 8S1Shch 61441 BARKOPLAV 7179 9190 BALKOVYJ 9496 7146
 5448 kHz, 25-03, 1117 UTC 8S1Shch 73304 MYeTODOLOG 1330 4331 BUKOSAK 8300 4705
 5448 kHz, 25-03, 1131 UTC 8S1Shch 27606 BRIZOROST 8300 3156 ZVUKOTAL 8300 4994 AZIDOFYeN 8300 0406
 5448 kHz, 25-03, 1204 UTC 8S1Shch 41652 ZASALYeNNYJ 2331 7231
 5448 kHz, 25-03, 1244 UTC 8S1Shch 90960 MIMOFYeTR 2878 3368
 5448 kHz, 25-03, 1307 UTC 8S1Shch 32897 MODULYaCIYa 4281 2220 KVYeLYJ 8158 3403
 5448 kHz, 25-03, 1408 UTC 8S1Shch 98620 ARAL'SKIJ 8372 3320 MAJKOSHLAM 9353 6835 ZVYaKOBYeJ 5134 6635
 (apparent dialpad tone before hanging up mic prior to timestamp)
 5448 kHz, 26-03, 1011 UTC 8S1Shch 68550 LAGOZVUK 5291 8467
 5448 kHz, 26-03, 1127 UTC 8S1Shch 40519 BUYeK 8245 8340
 5448 kHz, 26-03, 1524 UTC ZhBZU 4RVZ 3VS' DKJ1 ZhD9V 42BV 81BR M7KS PMV5 L'GJ

S32 Squeaky Wheel – Southern District

5473 kHz, 02-03, 0928 UTC Al'fa-45 97032 GICHKA 5591 0976
 5473 kHz, 02-03, 0928 UTC Al'fa-45 24930 KYeBOSLOT 5354 3357
 5473 kHz, 04-03, 0949 UTC Al'fa-45 94483 ZhUIROBOKS 1811 4298
 5473 kHz, 05-03, 1135 UTC Al'fa-45 62299 VSPYShYeChNYJ 9179 0974
 5473 kHz, 09-03, 1413 UTC Al'fa-45 89508 MYeROChNYJ 3690 6729
 5473 kHz, 10-03, 0940 UTC Al'fa-45 48324 ZACVYeTANIYe 0021 5496
 5473 kHz, 10-03, 0950 UTC Al'fa-45 25119 BROVNYJ 2384 2794
 5473 kHz, 10-03, 1232 UTC Al'fa-45 PROVYeRKA VYZOVA 4321 1234
 5473 kHz, 12-03, 1039 UTC Al'fa-45 54962 ZANOShYeNNYJ 9687 5757
 5473 kHz, 12-03, 1047 UTC Al'fa-45 65037 LUGOKLOP 7113 0807

5473 kHz, 12-03, 1115 UTC Al'fa-45 24474 BOLYeZNYJ 7900 4528
5473 kHz, 12-03, 1132 UTC Al'fa-45 84675 MYeTROZNAK 6776 7319
5473 kHz, 13-03, 1300 UTC Al'fa-45 60410 OBLACHNOST' 9487 2386
5473 kHz, 13-03, 1317 UTC Yahta-94 Zaslonka-27 Firna-85 Stupa-32 Dzhigit-46 Ruzh'e-26 Nevka-26 Kurgan-40
5473 kHz, 16-03, 1147 UTC Al'fa-45 MATYeRKA 2186
5473 kHz, 16-03, 1204 UTC Al'fa-45 41004 ZYuJDOLOR 0639 3344
5473 kHz, 16-03, 1230 UTC Al'fa-45 81674 VINChYeSTYeR 1621 6102. Sent before S30, rare
5473 kHz, 16-03, 1540 UTC Al'fa-45 58324 GLOBONID 7845 3256
5473 kHz, 17-03, 0950 UTC Al'fa-45 MARShRUTNYJ 6053
5473 kHz, 17-03, 1024 UTC Al'fa-45 NYeYaSYT' 5091
5473 kHz, 17-03, 1104 UTC Al'fa-45 ZYeTOKOBYe 2485
5473 kHz, 17-03, 1308 UTC Al'fa-45 MAGNYeTON 7206 VYGONShchIK 1640
5473 kHz, 19-03, 1217 UTC Al'fa-45 31511 INDIJ 3894 6376
5473 kHz, 20-03, 0817 UTC Al'fa-45 55883 KOZYR' 9885 7841
5473 kHz, 24-03, 1303 UTC Al'fa-45 79243 OBShIRNYJ 8887 4579
5473 kHz, 25-03, 0926 UTC Al'fa-45 44103 GROMOFlyuS 4946 1555
5473 kHz, 25-03, 1033 UTC Al'fa-45 91384 VYeSYeL'CYe 1389 1966
5473 kHz, 25-03, 1123 UTC Al'fa-45 05375 ZALYeTNYJ 9347 8545
5473 kHz, 25-03, 1138 UTC Al'fa-45 94135 OBUHORUL' 2773 9405
5473 kHz, 25-03, 1208 UTC Al'fa-45 87195 KUVOTON 6374 7977 broken marker
5473 kHz, 25-03, 1247 UTC Al'fa-45 01551 BLYuMOVOZ 0864 3797
5473 kHz, 25-03, 1310 UTC Al'fa-45 10170 MARKSISTKA 5849 0017
5473 kHz, 25-03, 1412 UTC Al'fa-45 21432 BANKOSLOJ 8678 7656
5473 kHz, 26-03, 1015 UTC Al'fa-45 21795 ZAJMORYeJD 4323 5436
5473 kHz, 26-03, 1130 UTC Al'fa-45 59705 MASTYeROK 2145 9856

Southern District

5372 kHz, 02-03, 0943 UTC N'ZhJ 71403 NADVOR'Ye 3529 4305
5372 kHz, 02-03, 1308 UTC N'ZhJ 58228 LICYeNZIAT 3858 4506
5372 kHz, 04-03, 1006 UTC N'ZhJ 02280 ISKOKLIR 6420 8689. Unusually, the operator ends the transmission with "kak prinyali?" (how do you read) rather than the typical "priyom" (over).
<http://www.priyom.org/media/243730/vega-5372usb-20200304-1006z-msg-bygwraspe.ogg>
5372 kHz, 05-03, 1200 UTC N'ZhJ 23304 ZUBROBUG 1999 5053
5372 kHz, 09-03, 1442 UTC N'ZhJ Signal Vega 29824 GROShOLAD 8026 8476
Operator says "Signal Vega", Vega being the network/hub name (previous format call sign was Vega-33 of course)
www.priyom.org/media/244640/vega-5372usb-20200309-1442z-msg-bygwraspe.ogg
5372 kHz, 10-03, 1011 UTC N'ZhJ 20138 KRIKODYeRN 3730 8377
5372 kHz, 10-03, 1012 UTC N'ZhJ 39741 NAPRASLINA 3611 8567
5372 kHz, 12-03, 0945 UTC N'ZhJ 93344 DIPLODOK 1123 0097 GORNOChAD 6651 3211 KORRYeLOMYeTR 7761 5632
MYSLITYeL' 9913 5678
5372 kHz, 12-03, 1103 UTC N'ZhJ 66448 KOVYeRNYJ 8816 9123
5372 kHz, 12-03, 1105 UTC N'ZhJ 55545 ZhNYeCOZIL 5680 4333
5372 kHz, 12-03, 1138 UTC N'ZhJ 05299 LYSOVATYJ 2234 6671
5372 kHz, 13-03, 1315 UTC N'ZhJ 16975 LEhPOLAST 7397 9155
5372 kHz, 16-03, 1210 UTC N'ZhJ KORTOTRUD 4529
5372 kHz, 16-03, 1240 UTC N'ZhJ BRUSTVYeR 5803 KRYuKOTIRS 7505
5372 kHz, 17-03, 0944 UTC N'ZhJ 09745 OBTYChNYJ 8553 6878
5372 kHz, 17-03, 1010 UTC N'ZhJ VYPUSKNOJ 7936
5372 kHz, 17-03, 1125 UTC N'ZhJ ZYeTOKOBYe 2485
5372 kHz, 24-03, 1306 UTC N'ZhJ 04209 OZhOGOvNUK 3230 2983
5372 kHz, 25-03, 0956 UTC N'ZhJ 23039 VYPUSKNOJ 7936 3897 LIHOMANKA 4740 3678 GROMOD'YaK 0973 2928
ZANOShYeNNYJ 7133 3731
5372 kHz, 25-03, 0958 UTC N'ZhJ 66228 LIDSOZLAK 9584 2133
5372 kHz, 25-03, 0959 UTC N'ZhJ 91834 LIKONYeF 4693 2244
5372 kHz, 25-03, 1057 UTC N'ZhJ 50401 GRANOShNYeK 8034 8217 KRABONYeUCh 5206 8910
5372 kHz, 25-03, 1210 UTC N'ZhJ 99137 BRODOZhLOB 2980 3000 INOVYeRYeC 0009 5593 MAYaKONYeUD 3663 2161
5372 kHz, 25-03, 1227 UTC N'ZhJ 22953 BOD 7078 2484
5372 kHz, 25-03, 1315 UTC N'ZhJ 08391 ZAYaCOVOSK 1179 4400

5372 kHz, 25-03, 1343 UTC N'ZhJ 16229 IZIBIRATYeL' 2400 3409
5372 kHz, 26-03, 1033 UTC N'ZhJ 50538 BOGYeMISTYJ 6016 5036
5372 kHz, 26-03, 1145 UTC N'ZhJ 78520 NYeUDOBak 2521 0557

Russian military voice transmissions

RNV – Russian Navy

5045 kHz, 11-03, 1415 UTC. Kaliningrad time zone, naval communication

Tsaplya, Tsaplya Ya Znamya - primate radiogrammu - SIGNAL 8573 - 16 chasov 15 minut - konec svyazi
Recording: <http://priyom.org/media/244735/znamya-5045usb-20200311-1415z-msg-bygwraspe.ogg>

5045 kHz, 13-03, 1415 UTC

Tsaplya, Tsaplya, Ya Znamya – primate radiogrammu – SIGNAL 1844 – 16 chasov 15 minut konec svyazi
Same message (SIGNAL 1844) as January 21st this year at same time on same frequency

5045 kHz, 16-03, 1420 UTC

2345678910 12345678910 1234568910
Tsaplya, Tsaplya, Ya Znamya – primate radiogrammu – SIGNAL 2947 – 16 chasov 15 minut konec svyazi
Recording: <http://www.numbersoddities.nl/Znamya-2020-03-16-1420utc-5045kHz.mp3>

5045 kHz, 17-03, 1412 UTC

12345678910 12345678910
Tsaplya, Tsaplya, Ya Znamya – primate radiogrammu – SIGNAL 3354 – 16 chasov 15 minut konec svyazi
Recording: <http://www.numbersoddities.nl/Znamya-2020-03-17-1412utc-5045Hz.mp3>

5045 kHz, 18-03, 1413 UTC

12345678910 12345678910
Tsaplya, Tsaplya, Ya Znamya – primate radiogrammu – SIGNAL 5543 – 16 chasov 15 minut konec svyazi

5045 kHz, 19-03, 1413 UTC

12345678910 12345678910
Tsaplya, Tsaplya, Ya Znamya – primate radiogrammu – SIGNAL 1244 – 16 chasov 15 minut konec svyazi

5045 kHz, 23-03, 1413 UTC

12345678910 12345678910 Dayu nastroyku dlya proverki apparatury 1234568910
Tsaplya, Tsaplya, Ya Znamya – primate radiogrammu – SIGNAL 1235 – 16 chasov 15 minut konec svyazi

5045 kHz, 25-03, 1413 UTC

12345678910 12345678910
Tsaplya, Tsaplya, Ya Znamya – primate radiogrammu – SIGNAL 8693 – 16 chasov 15 minut konec svyazi

5045 kHz, 26-03, 1413 UTC

12345678910 12345678910 12345678910
Tsaplya, Tsaplya, Ya Znamya – primate radiogrammu – SIGNAL 7825 – 16 chasov 15 minut konec svyazi

5045 kHz, 27-03, 1415 UTC, i.p.

... 16 chasov 15 minut konec svyazi

RADv – Russian Air Defense

5125 kHz, 20-03, 1416 UTC, i.p. 85 04 za 16. 85 05 112 79 27 za 15
85 05th Number of the target
In 112th Number of the square
7 9 Altitude or speed of the target
In 22-nd Number of the square?
within 16 Time in seconds

4380 kHz, 27-03, 0916 UTC Russian Air Defense tracking net
5125 kHz, 27-03, 0918 UTC Russian Air Defense tracking net
4372 kHz, 27-03, 0922 UTC Russian Air Defense tracking net
2488 kHz, 30-03, 1720 UTC Russian Air Defense tracking net

Russian military morse transmissions

M32 - Russian / CIS Military CW Stations

8540 kHz, 05-03, 1426 UTC

IKLO DE I8WT I8WT I8WT QTC K
I8WT 961 22 6 1721 961 = 429 =
43750 87682 31614 72408 16340 60272 10480 51274 95205 39138
79951 23864 67795 11727 52521 96452 37247 81178 21973 65904
06020 K

8830 kHz, 14-03, 1015 UTC

9ETD de KAWF QTC K
KAWF 13 17 13 14 = 5916 6634 4595 3614 2865 9408 8167 9775 6419 8920 0149 1390 1500 0275 0040 9132 3666 K

8051 kHz, 18-03, 0914 UTC, i.p.

QSA NO QSY 25119 QSY 25119 K
QSY 25119 QSY 25119 K
QSY 25119 QSY 25119 K
QSY 25119 QSY 25119 K
QSY 25119 QSY 25119 K
SK SK

6521 kHz, 20-03, 0910 UTC

9CFQ 9CFQ DE CT2Z QBE QYT6 K
9CFQ 9CFQ DE CT2Z QBE QYT6 K RK

M32a - Russian Navy

8345 kHz, 14-03, 0606 UTC

RIT DE RMGB 317 18 14 0900 317 =
SML FOR RJH45 RJE73 RJH74 =
14061 99424 70107 41698 83607 10110 40230 52030 70310 88200
22282 00160 20403 14013 =
AR RMGB K

8345 kHz, 14-03, 0611 UTC

RIW de RMUW QSA ? QTC K 944 20 14 0905 944 =
SML FOR RJE73 RJH45 RJH74 =
14061 99426 70107 41498 80206 10130 40220 57030 70011 88324
22200 00140 299// 80000 88000 14015 =
AR RMUW K

6472 kHz, 17-03, 1510 UTC. RMP Russian navy Kaliningrad wkg RJC66

RMP RMP DE RJC66 RJC66 ZSD4 K
RJC66 DE RMP ZSD4 ZN?
NOLX NOLX ODIN ZN? K
RML DE RJC66 ZSL ZN
NOLX NOLX ODIN ZN?
NOLX TRI ShchESTX ZSL? K
RJC66 DE RMP ZSL ZN?
NOLX TRI ShchESTX ZKM? K
RMP DE RJC66 ZKMZ GR K
ZZS GNGShch ZZT

LKLKVVMMMLKMMKKMKLMMLLMVLM
XJSZShchHUDFRIZQNKEINOBf
VBUYuUGFNAPBOQHyaSchMNKShchCHZFTGXCNyYaNyNMTD (very fast, no spaces between the letters/groups)
RJC66 DE RMP K
RMP DE RJC66 K
RMP SK RJC66 SK

8345 kHz, 18-03, 0607 UTC. RME81 wkg RIT

QTC SML 718 18 18 0900 718 = SML FOR RJH45 RJH74 RJD38 =
18061 99523 10028 41498 61612 10035 40250 56040 703000 8///// 22212 00040 2///// 18013 = AR RME81 K

8345 kHz, 19-03. 0602 UTC. RKB91 wkg RIT

QTC SML 410 15 19 0900 410 = FOR RJH45 RJH74 RJD38 =
19061 99555 10064 41898 42506 10040 41023 52020 70202 8///// 22212 19011 = AR RKB91 K

8345 kHz, 19-03, 0620 UTC. RME81 wkg RIT

QTC SML 727 18 19 0907 727 = SML FOR RJH45 RJH74 RJD38 =
19061 99560 10069 41897 32008 10050 40250 54000 70300 8///// 22212 00030 2///// 19013 = AR RME81 K

7815 kHz, 20-03, 0809 UTC

RBL88 wkg RBL90 RFN69 RFN77 RGR99
RADJ ZTC AR RBL88 03 3220 1100 = 999 =
12876 34906 26849 23471 65802 76932 79390 23875 02895 98403
98572 35493 64728 23415 98230 78430 67820 32901 38719 64371
37458 32817 69384 13264 64305 45968 31209 45167 32905 32456
(message repeated) 03
RBL90 R 03 K
RFN69 R 03
RFN77 R 03 K

7815 kHz, 23-03, 0807 UTC

RFN77 DE RBL88 ZSA2 RRK RGR99 R =
XXX ZSA1/NOK RGR99 DE RBL88 ZSA2 RK

7815 kHz, 23-03, 0834 UTC

RBL90 RBL90 RBL900 DE RBL88 RBL88 ZTT RK
RBL88 03 27 23 1130 = 999 =
39465 69605 57986 51162 38068 38091 42433 34841 97793 75052
85679 14037 28790 74590 75096 30084 23067 14835 62921 67734
32115 20015 26781 49127 40322 125 RPT AL K

RBL90 03 27 23 1130 / 999 =
39465 69605 57986 51162 38068 38091 42433 34841 97793 62921
67734 32115 20015 26781 49127 40322 124 QSA 4 K RBL88 CK

2558 kHz, 28-03, 1818 UTC

RJU79 wkg RJD52
QTC SML 843 20 28 2100 843 = FM RJU79 FOR RJD52 RJD88 =
WWHH/ 28181 99447 10481 41/97 11210 10100 41030 57010 70200 8/// 12200 0///// 20202 88000 80000 28016
= AR RJU79 K

8345 kHz, 29-03, 0603 UTC

RMGB: Navy Tanker Iman wkg RCV: Navy Sevastopol
QTC SML 929 19 29 0900 929 = SML SML FOR RJH45 RJE73 =
29061 99345 10318 41498 22609 10150 40100 57020 70300 90410 22212 00160 20503 88000 80000 29015
= AR RMGB K

8345 kHz, 30-03, 0608 UTC

RMGB: Navy Tanker Iman wkg RCV: Navy Sevastopol
RCV DE RMGB 387 19 30 0900 387 = SML FOR RJH45 RJE73 =
30061 99360 10285 41798 63604 10130 40080 57010 70200 86020
22200 00160 20301 88000 80000 30015 = + RMGB K

2558 kHz, 30-03, 1806 UTC. RJU79 wkg RJD52

QTC SML 316 20 30 2100 316 = FM RJU79 FOR RJD52 RJD88 =
WWHH/ 30181 99446 10484 41/97 /1405 10100 41017 52110 70210 8//// 12262 0//// 22101 88000 80000 30016 = AR RJU79 K
Location: <https://goo.gl/maps/S1NPxHgLFzFSHmGE6> (picture 1)

8345 kHz, 30-03, 0606 UTC. RJS81 wkg RCV

QTC SML 0900 817 = SML FOR RHH45 RJE73 =
31061 99341 10318 41/98 51813 10176 40039 6040 8100 8//// 22263 00170 31012 = AR RJS81 K
Location: <https://goo.gl/maps/JHySWfmyrF4Kujc6> (picture 2)

8345 kHz, 31-03, 0613 UTC. RMGB wkg RCV

QTC SML 254 17 31 0910 254 = SML FOR RJH45 RJE73 =
31061 99349 10314 41898 61012 10150 40050 57010 70222 86020 22232 00160 20402 31013 = AR RMGB K
Location: <https://goo.gl/maps/9zkjmHWfpznWHuSU7> (picture 3)



Picture 1



Picture 2



Picture 3

M32b - Russian Naval Air Transport

8816 kHz, 03-03, 0809 UTC

RJC38 RJF94 DE 08236 QTO 0800 QRD XUMO XLMD QRE 1105 QBD 0630 K
QTH 16419 13458 QTR 0907 QBG 7000 QBD 0530 K
QTH 15945 13750 QTR 1003 QBG 7000 QBD 0430
QRE XUMO 1100 K
QQM XUMO 1105 SK

8816 kHz, 03-03, 0809 UTC

RJC38 RJF94 DE 08236 QTO 1347 QRD XLMD XUMO QRE 1700 QBD 0700 K
QTH 16117 13700 QTR 1509 QBG 7000 QBD 0600 K
QTH 16456 13429 QTR 1559 QBG 6700 QBD 0500 QRE XLMD 1700 K
QQM XLMD ..

8816 kHz, 04-03, 0613 UTC

RJC38 RJF94 DE 54626 QQL ULPE 0602 QBD 6400 K

8816 kHz, 04-03, 0902 UTC

RJC38 RJF94 DE 08235 QTO 0852 QRD XRKE XLMD QRE 1410 QBD 0830 K
QTH 16407 13505 QTR 1006 QBG 7600 QBD 0730 K
QTH 15840 13755 QTR 1106 QBG 7900 QBD 0630 K
QTH 15344 13829 QTR 1207 QBG 8200 QBD 0530 K

8816 kHz, 04-03, 1145 UTC

RJC38 RJF94 DE 54645 QTO 1130 QRD XLWF XRKE QBD 0930 QRE 1450 K
 QTH 15104 14031 QBD 0800 QBG 6700 K
 QTH 15539 13750 QBD 0700 QBG 8550 K
 QQM XLWF 1426 SK

8816 kHz, 04-03, 1616 UTC

RJC38 RJF94 DE 54645 QTO 1605 QRD XLMO XLWF QBD 0700 QRE 1800 K
 QQL ULPE 1727 QBD 0530 QBG 6700 K
 QQM XLMO ... SK

8816 kHz, 04-03, 1638 UTC

RJC38 RJF94 DE 08235 QTO 1628 QRD XLWF XRKE QRE 1940 QBD 0700 K
 QTH 14949 14105 QTR 1738 QBG 6700 QBD 0600 K
 QTH 15509 13817 QTR 1839 QBG 6700 QBD 0500 QRE XLWF 1940 K
 QQM XLWF 1940 SK

8816 kHz, 30-03, 1044 UTC

RJF94 RJC38 DE 45760 QTO 1035 QRD XLMD XLWF QBD 0430 QRE 1235 K
 QTH 16504 13437 QTR 1135 QRE XLMD 1225 K
 QQM XLMD 1236 SK

8816 kHz, 30-03, 0718 UTC

RJF94 RJC38 DE 45760 QTO 0700 QRD XLWF XLMD QBD 0430 QRE 0900 K
 QQM XLWF 0900 SK

M32c - Russian Air Force

8029 kHz, 14-03, 0800, 0820 UTC Tu-95MS Bear H net W-marker
 8029 kHz, 17-03, 0820, 0840 UTC Tu-95MS Bear H net. W-marker

CONTRIBUTORS

AB	Ary Boender, Netherlands	GHn	Gary Hagermann, UK
AB-FIN	Ary Boender via remote rx Finland	Gwr	Gwaspe (via Priyom)
AB-G	Ary Boender via remote rx UK	HFD	Hans-Friedrich Dumrese, Germany
AB-J	Ary Boender via remote rx Japan	HFD-POL	Hans-Friedrich Dumrese via remote rx Poland
AB-KOR	Ary Boender via remote rx South Korea	HFD-ROU	Hans-Friedrich Dumrese via remote rx Roumania
AB-KWT	Ary Boender via remote rx Kuwait	HFD-RUS	Hans-Friedrich Dumrese via remote rx Russia
AB-POL	Ary Boender via remote rx Poland	HFD-UKR	Hans-Friedrich Dumrese via remote rx Ukraine
AB-RUS	Ary Boender via remote rx Russia	HFD-USA	Hans-Friedrich Dumrese via remote rx USA
AB-S	Ary Boender via remote rx Sweden	HK	Hiroyuki Komatsubara, Japan
AB-UKR	Ary Boender via remote rx Ukraine	JLM	Jack Metcalfe, KY, USA
ChPa	Christer, Sweden	JPL	JPL, NB, Canada (and various remote rx)
CM2-J	Chris Malboef via remote rx Japan	JPL-HK	JPL via remote rx Hong Kong
Dan	Daniel LU5EMM, Argentina	JPL-KOR	JPL via remote rx South Korea
Danix	Danix, Poland	JPL-RUS	JPL via remote rx Russia
Danix-ARG	Danix via remote rx Argentina	JPL-VTN	JPL via remote rx Vietnam
Danix-RUS	Danix via remote rx Russia	linkz	Linkz, S.E. France
Danix-USA	Danix via remote rx USA	MPJ	Jim, SW England
ES	Edward Smith, UK	MPJ-HOL	Jim via remote rx Netherlands
ES-HOL	Edward Smith via remote rx Netherlands	OH2HTN	Pertti, FIN
ES-RUS	Edward Smith via remote rx Russia	RL	Roberto Landolpho, Brazil
F5JBR	F5JBR André, France	RR2	Rich Ray, IL, USA
F5JBR-J	F5JBR André via remote rx Japan	WP3	Wolfgang Palmberger

LOGS SECTION

Code	Freq	Date	UTC	Day	Details	Mode	Contributor
---	5292	2-3	0906	Mon	Channel marker D	USB	(ChPa)
---	5372	2-3	0943	Mon	N'ZhJ 71403 NADVOR'Ye 3529 4305	USB	(Gwr)
---	5372	2-3	1308	Mon	N'ZhJ 58228 LICYeNZIAT 3858 4506	USB	(Gwr)
---	5372	4-3	1006	Wed	N'ZhJ 02280 ISKOKLIR 6420 8689	USB	(Gwr)
---	5372	5-3	1200	Thu	N'ZhJ 23304 ZUBROBUG 1999 5053	USB	(AB)
---	7055	5-3	1654	Thu	Russian-Ukrainian radio war. Various stations on top of each other	LSB	(AB)
---	7055	6-3	1714	Fri	Russian-Ukrainian radio war	LSB	(AB)
---	3731	6-3	1910	Fri	Russian-Ukrainian radio war. Announcements in Russian and English	LSB	(AB)
---	4182	7-3	1705	Sat	Russian military Dash channel marker	USB	(AB)
---	5372	9-3	1442	Mon	N'ZhJ Signal Vega 29824 GROShOLAD 8026 8476 Operator says "Signal Vega", Vega being the network/hub name (USB	(Gwr)
---	5372	10-3	1011	Tue	N'ZhJ 20138 KRIKODYeRN 3730 8377	USB	(Gwr)
---	5372	10-3	1012	Tue	N'ZhJ 39741 NAPRASLINA 3611 8567	USB	(Gwr)
---	5372	12-3	0945	Thu	N'ZhJ 93344 DIPLDOK 1123 0097 GORNOChAD 6651 3211 KORRYeLOMYeTR 7761 5632 MYSLI-TYeL' 9913 5678	USB	(Gwr)
---	5372	12-3	1103	Thu	N'ZhJ 66448 KOVYeRNYJ 8816 9123	USB	(Gwr)
---	5372	12-3	1105	Thu	N'ZhJ 55545 ZhNYeCOZIL 5680 4333	USB	(Gwr)
---	5372	12-3	1138	Thu	N'ZhJ 05299 LYSOVATYJ 2234 6671	USB	(Gwr)
---	7055	12-3	1303	Thu	Russian-Ukrainian radio war	LSB	(AB)
---	13517	13-3	0839	Fri	9HA2 9HA2	CW	(AB)
---	5372	13-3	1315	Fri	N'ZhJ 16975 LEhPOLAST 7397 9155	USB	(Gwr)
---	11481	13-3	1622	Fri	Kurdish-Turkish radio war. Radio DengÚ Welat jammed by a Turkish jammer, transmitting Turkish military songs and speeches from president Erdogan	AM	(AB)
---	9525	13-3	1700	Fri	Kurdish-Turkish radio war. Radio DengÚ Welat changed frequency followed by the Turkish jammer after 7 minutes	AM	(AB)
---	5372	16-3	1210	Mon	N'ZhJ KORTOTRUD 4529	USB	(Gwr)
---	5372	16-3	1240	Mon	N'ZhJ BRUSTVYeR 5803 KRYuKOTIRS 7505	USB	(Gwr)
---	5372	17-3	0944	Tue	N'ZhJ 09745 OBTYChNYJ 8553 6878	USB	(Gwr)
---	5372	17-3	1010	Tue	N'ZhJ VYPUSKNOJ 7936	USB	(Gwr)
---	5372	17-3	1125	Tue	N'ZhJ ZYeTOKOBYe 2485	USB	(Gwr)
---	7055	19-3	1244	Thu	Russian-Ukrainian radio war	LSB	(AB)
---	11530	19-3	1247	Thu	Kurdish-Turkish radio war. Radio DengÚ Welat jammed by a Turkish jammer, transmitting Turkish military songs and speeches from president Erdogan	AM	(AB)
---	8090	23-3	1725	Mon	Unid. Counting in Russian. Voices and telephone in the background	USB	(AB)
---	5372	24-3	1306	Tue	N'ZhJ 04209 OZhOGOVNUK 3230 2983	USB	(Gwr)

---	5372	25-3	0956	Wed	N'ZhJ 23039 VYPUSKNOJ 7936 3897 LIHOMANKA 4740 3678 GROMOD'YaK 0973 2928 ZANOSHyeNNYJ 7133 3731	USB	(Gwr)
---	5372	25-3	0958	Wed	N'ZhJ 66228 LIDSOZLAK 9584 2133	USB	(Gwr)
---	5372	25-3	0959	Wed	N'ZhJ 91834 LIKONYeF 4693 2244	USB	(Gwr)
---	5372	25-3	1057	Wed	N'ZhJ 50401 GRANOSHNYeK 8034 8217 KRABONYeUCH 5206 8910	USB	(Gwr)
---	5372	25-3	1210	Wed	N'ZhJ 99137 BRODOZhLOB 2980 3000 INOVYeRYeC 0009 5593 MAYaKONYeUD 3663 2161	USB	(Gwr)
---	5372	25-3	1227	Wed	N'ZhJ 22953 BOD 7078 2484	USB	(Gwr)
---	5372	25-3	1315	Wed	N'ZhJ 08391 ZAYaCOVOSK 1179 4400	USB	(Gwr)
---	5372	25-3	1343	Wed	N'ZhJ 16229 IZIBIRATYeL' 2400 3409	USB	(Gwr)
---	4182	25-3	1700	Wed	Russian military Dash marker	USB	(AB)
---	7055	26-3	0612	Thu	Russian-Ukrainian radio war. Various stations on top of each other	LSB	(AB)
---	5372	26-3	1033	Thu	N'ZhJ 50538 BOGYeMISTYJ 6016 5036	USB	(Gwr)
---	5372	26-3	1145	Thu	N'ZhJ 78520 NYeUDOBak 2521 0557	USB	(Gwr)
---	7055	26-3	1709	Thu	Russian-Ukrainian radio war. Endless loop recording	LSB	(AB)
---	7055	27-3	1721	Fri	Russian-Ukrainian radio war. Endless loop recording	LSB	(AB)
---	7055	28-3	1315	Sat	Russian-Ukrainian radio war	LSB	(AB)
---	5292	31-3	1745	Tue	Channel marker D	USB	(AB)
---	4182	31-3	1746	Tue	Dash channel marker	USB	(AB)
---	3510	31-3	1748	Tue	Air Horn channel marker	USB	(AB)
---	3243	31-3	1748	Tue	Goose channel marker	USB	(AB)
---	4770	31-3	1749	Tue	Alarm channel marker	USB	(AB)
DPRK	12750	2-3	1230	Mon	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12203	23-3	1523	Mon	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
E06	5879	4-3	0130	Wed	759 143 52 12190 12875 37264 ... 96837 08658 50405 143 52 00000	USB	(Danix)
E06	4923	4-3	0230	Wed	759 143 52 12190 12875 37264 ... 96837 08658 50405 143 52 00000	USB	(Danix)
E06	16230	5-3	0600	Thu	864 913 52 89693 05935 96946 ... 34644 44955 56973 913 52 0000	USB	(AB-RUS/HFD-RUS)
E06	19325	5-3	0700	Thu	864 913 52 89693 05935 96946 ... 34644 44955 56973 913 52 0000	USB	(AB-RUS/HFD)
E06	5186	5-3	2030	Thu	891 502 42 45671 65736 96930 ... 57693 48690 03856 502 42 00000 Windows XP shutdown sound	USB	(AB)
E06	16230	6-3	0600	Fri	864 913 52 89693 05935 96946 ... 34644 44955 56973 913 52 0000	USB	(AB-RUS)
E06	19325	6-3	0700	Fri	864 913 52 89693 05935 96946 ... 34644 44955 56973 913 52 0000	USB	(AB-RUS/HFD)
E06	5197	6-3	2130	Fri	634 502 42 45671 65736 96930 ... 57693 48690 03856 502 42 00000 Windows XP shutdown sound	USB	(AB)
E06	5186	18-3	2030	Wed	891 546 44 12435	USB	(HFD)
E06	16230	19-3	0600	Thu	864 270 51 81804 56202 99246 ... 21049 65799 27020 270 51 00000	USB	(AB-KWT)
E06	19325	19-3	0700	Thu	864 270 51 81804 56202 99246 ... 21049 65799 27020 270 51 00000	USB	(AB-RUS)
E06	5186	19-3	2030	Thu	891 546 44 12435 76426 05698 ... 14368 12346 73416 546 44 00000 Windows XP shutdown sound	USB	(AB)
E06	16230	20-3	0600	Fri	864 270 51 81804 56202 99246 ... 21049 65799 27020 270 51 00000	USB	(AB-RUS)

E06	19325	20-3	0700	Fri	864 270 51 81804 56202 99246 ... 21049 65799 27020 270 51 00000	USB	(AB-RUS)
E06	5197	20-3	2129	Fri	Early start 634 547 44 31532 37905 68553 ... 78203 80329 38780 547 44 00000 Windows XP shutdown sound	USB	(AB)
E07	10268	1-3	0700	Sun	201 201 201 000	USB	(AB)
E07	11068	1-3	0720	Sun	201 201 201 000	USB	(AB)
E07	10321	1-3	1800	Sun	318 318 318 000	USB	(AB/MPJ/HFD)
E07	9121	1-3	1820	Sun	318 318 318 000	USB	(AB/MPJ/HFD)
E07	10651	2-3	2000	Mon	616 616 616 000	USB	(AB-RUS/HFD)
E07	9151	2-3	2020	Mon	616 616 616 000	USB	(AB-RUS/HFD)
E07	14942	3-3	0700	Tue	310 310 310 1 6084 142 6084 142 89645 30304 10826 ... 68313 89523 20470 000 000	USB	(AB/HFD-RUS)
E07	16142	3-3	0720	Tue	310 310 310 1 6084 142 6084 142 89645 30304 10826 ... 68313 89523 20470 000 000	USB	(AB-RUS/HFD-RUS)
E07	18042	3-3	0740	Tue	310 310 310 1 6084 142 6084 142 89645 30304 10826 ... 68313 89523 20470 000 000	USB	(AB-RUS/HFD)
E07	19118	3-3	1100	Tue	149 149 149 1 252 180 252 180 09106 91312 37488 ... 19237 97421 30185 000 000	USB	(AB-RUS)
E07	17418	3-3	1120	Tue	149 149 149 1 252 180 252 180 09106 91312 37488 ... 19237 97421 30185 000 000	USB	(AB-RUS/HFD)
E07	15918	3-3	1140	Tue	149 149 149 1 252 180 252 180 09106 91312 37488 ... 19237 97421 30185 000 000	USB	(AB-G/RL/HFD)
E07	10321	4-3	1800	Wed	318 318 318 000	USB	(AB)
E07	9121	4-3	1820	Wed	318 318 318 000	USB	(AB)
E07	10651	4-3	2000	Wed	616 616 616 000	USB	(AB-RUS)
E07	9151	4-3	2020	Wed	616 616 616 000	USB	(AB)
E07	16284	5-3	1410	Thu	328 328 328 000	USB	(AB-KWT/MPJ)
E07	14854	5-3	1430	Thu	328 328 328 000	USB	(AB/MPJ)
E07	14942	6-3	0700	Fri	310 310 310 1 6084 142 6084 142 89645 30304 10826 ... 68313 89523 20470 000 000	USB	(AB-KWT)
E07	16142	6-3	0720	Fri	310 310 310 1 6084 142 6084 142 89645 30304 10826 ... 68313 89523 20470 000 000	USB	(AB-KWT)
E07	18042	6-3	0740	Fri	310 310 310 1 6084 142 6084 142 89645 30304 10826 ... 68313 89523 20470 000 000	USB	(AB-KWT)
E07	19118	6-3	1100	Fri	149 149 149 1 252 180 252 180 09106 91312 37488 ... 19237 97421 30185 000 000	USB	(AB-RUS)
E07	17418	6-3	1120	Fri	149 149 149 1 252 180 252 180 09106 91312 37488 ... 19237 97421 30185 000 000	USB	(AB-RUS)
E07	15918	6-3	1140	Fri	149 149 149 1 252 180 252 180 09106 91312 37488 ... 19237 97421 30185 000 000	USB	(AB-G)
E07	12143	7-3	1400	Sat	114 114 114 000	USB	(AB/HFD)
E07	16284	7-3	1410	Sat	328 328 328 000	USB	(AB-KWT/HFD)
E07	11143	7-3	1420	Sat	114:0	USB	(HFD)
E07	11143	7-3	1420	Sat	114 114 114 000	USB	(AB/HFD)
E07	14854	7-3	1430	Sat	328 328 328 000	USB	(AB/HFD)
E07	14854	7-3	1430	Sat	328:0	USB	(HFD)
E07	10268	8-3	0700	Sun	201 201 201 000	USB	(AB)
E07	11068	8-3	0720	Sun	201 201 201 000	USB	(AB)
E07	10321	8-3	1800	Sun	318 1 385 78 42501 82156 76198 ... 05742 31429 15475 000 000	USB	(MPJ)
E07	9121	8-3	1820	Sun	318 1 385 78 42501 82156 76198 ... 05742 31429 15475 000 000	USB	(MPJ)
E07	7821	8-3	1840	Sun	318 1 385 78 42501 82156 76198 ... 05742 31429 15475 000 000	USB	(MPJ)
E07	10651	9-3	2000	Mon	616 616 616 000	USB	(AB/RL)

E07	9151	9-3	2020	Mon	616 616 616 000	USB	(AB/RL)
E07	14942	10-3	0700	Tue	310 310 310 000	USB	(AB-RUS)
E07	16142	10-3	0720	Tue	310 310 310 000	USB	(AB-RUS)
E07	19118	10-3	1100	Tue	149 149 149 1 252 180 252 180 09106 91312 37488 ... 19237 97421 30185 000 000	USB	(AB-RUS)
E07	17418	10-3	1120	Tue	149 149 149 1 252 180 252 180 09106 91312 37488 ... 19237 97421 30185 000 000	USB	(AB-RUS)
E07	15918	10-3	1140	Tue	149 149 149 1 252 180 252 180 09106 91312 37488 ... 19237 97421 30185 000 000	USB	(AB-G/RL)
E07	10321	11-3	1800	Wed	318 318 318 1 385 78 385 78 42501 82156 76198 ... 05742 31429 15475 000 000	USB	(AB)
E07	9121	11-3	1820	Wed	318 318 318 1 385 78 385 78 42501 82156 76198 ... 05742 31429 15475 000 000	USB	(AB)
E07	7821	11-3	1840	Wed	318 318 318 1 385 78 385 78 42501 82156 76198 ... 05742 31429 15475 000 000	USB	(AB)
E07	10651	11-3	2000	Wed	616 616 616 000	USB	(AB-RUS)
E07	9151	11-3	2020	Wed	616 616 616 000	USB	(AB)
E07	16284	12-3	1410	Thu	328 328 328 000	USB	(AB)
E07	14854	12-3	1430	Thu	328 328 328 000	USB	(AB/JLM)
E07	14942	13-3	0700	Fri	310 310 310 000	USB	(AB-KWT)
E07	16142	13-3	0720	Fri	310 310 310 000	USB	(AB-KWT)
E07	19118	13-3	1100	Fri	149 149 149 1 252 180 252 180 09106 91312 37488 ... 19237 97421 30185 000 000	USB	(AB)
E07	17418	13-3	1120	Fri	149 149 149 1 252 180 252 180 09106 91312 37488 ... 19237 97421 30185 000 000	USB	(AB)
E07	15918	13-3	1140	Fri	149 149 149 1 252 180 252 180 09106 91312 37488 ... 19237 97421 30185 000 000	USB	(AB)
E07	12143	14-3	1400	Sat	114 114 114 000	USB	(AB)
E07	16284	14-3	1410	Sat	328 328 328 000	USB	(AB)
E07	11143	14-3	1420	Sat	114 114 114 000	USB	(AB)
E07	14854	14-3	1430	Sat	328 328 328 000	USB	(AB)
E07	10268	15-3	0700	Sun	201 201 201 000	USB	(AB)
E07	11068	15-3	0720	Sun	201 201 201 000	USB	(AB)
E07	10321	15-3	1800	Sun	318 318 318 000	USB	(AB)
E07	9121	15-3	1820	Sun	318 318 318 000	USB	(AB)
E07	10651	16-3	2000	Mon	616 616 616 000	USB	(AB/RL)
E07	9151	16-3	2020	Mon	616 616 616 000	USB	(AB)
E07	14942	17-3	0700	Tue	310 310 310 1 124 58 124 58 53896 57859 10024 ... 29991 25922 55009 000 000	USB	(AB-KWT)
E07	16142	17-3	0720	Tue	310 310 310 1 124 58 124 58 53896 57859 10024 ... 29991 25922 55009 000 000	USB	(AB-KWT)
E07	18042	17-3	0740	Tue	310 310 310 1 124 58 124 58 53896 57859 10024 ... 29991 25922 55009 000 000	USB	(AB-KWT)
E07	19118	17-3	1100	Tue	149 149 149 000	USB	(AB-RUS)
E07	17418	17-3	1120	Tue	149 149 149 000	USB	(AB-RUS)
E07	10321	18-3	1800	Wed	318 318 318 000	USB	(AB/MPJ)
E07	9121	18-3	1820	Wed	318 318 318 000	USB	(AB/MPJ)
E07	10651	18-3	2000	Wed	616 616 616 000	USB	(AB-RUS/RL)
E07	9151	18-3	2020	Wed	616 616 616 000	USB	(AB/RL)
E07	16284	19-3	1410	Thu	328 328 328 1 9876 81 9876 81 55788 16878 01742 ... 62936 17616 90755 000 000	USB	(AB-KWT)
E07	14854	19-3	1430	Thu	328 328 328 1 9876 81 9876 81 55788 16878 01742 ... 62936 17616 90755 000 000	USB	(AB)

E07	13384	19-3	1450	Thu	328 328 328 1 9876 81 9876 81 55788 16878 01742 ... 62936 17616 90755 000 000	USB	(AB)
E07	14942	20-3	0700	Fri	310 310 310 1 124 58 124 58 53896 57859 10024 ... 29991 25922 55009 000 000	USB	(AB-KWT)
E07	16142	20-3	0720	Fri	310 310 310 1 124 58 124 58 53896 57859 10024 ... 29991 25922 55009 000 000	USB	(AB-KWT)
E07	18042	20-3	0740	Fri	310 310 310 1 124 58 124 58 53896 57859 10024 ... 29991 25922 55009 000 000	USB	(AB-KWT)
E07	19118	20-3	1100	Fri	149 149 149 000	USB	(AB-KWT)
E07	17418	20-3	1120	Fri	149 149 149 000	USB	(AB-KWT)
E07	12143	21-3	1400	Sat	114 114 114 000	USB	(AB)
E07	16284	21-3	1410	Sat	328 328 328 1 9876 81 9876 81 55788 16878 01742 ... 62936 17616 90755 000 000	USB	(AB-KWT)
E07	11143	21-3	1420	Sat	114 114 114 000	USB	(AB)
E07	14854	21-3	1430	Sat	328 328 328 1 9876 81 9876 81 55788 16878 01742 ... 62936 17616 90755 000 000	USB	(AB)
E07	13384	21-3	1450	Sat	328 328 328 1 9876 81 9876 81 55788 16878 01742 ... 62936 17616 90755 000 000	USB	(AB)
E07	10268	22-3	0700	Sun	201 201 201 000	USB	(AB/HFD)
E07	11068	22-3	0720	Sun	201 201 201 000	USB	(AB/HFD)
E07	10321	22-3	1800	Sun	318 318 318 000	USB	(AB/MPJ)
E07	9121	22-3	1820	Sun	318 318 318 000	USB	(AB/MPJ)
E07	10651	23-3	2000	Mon	616 616 616 1 562 95 562 95 10056 92422 32167 ... 71882 57830 61329 000 000	USB	(AB/MPJ/RL)
E07	9151	23-3	2020	Mon	616 616 616 1 562 95 562 95 10056 92422 32167 ... 71882 57830 61329 000 000	USB	(AB/MPJ/RL)
E07	7651	23-3	2040	Mon	616 616 616 1 562 95 562 95 10056 92422 32167 ... 71882 57830 61329 000 000	USB	(AB/MPJ/Dan/RL)
E07	14942	24-3	0700	Tue	310 310 310 000	USB	(AB-KWT)
E07	16142	24-3	0720	Tue	310 310 310 000	USB	(AB-KWT)
E07	19118	24-3	1100	Tue	149 149 149 1 9085 89 9085 89 24541 36464 26599 ... 72495 24389 96062 000 000	USB	(AB-RUS)
E07	17418	24-3	1120	Tue	149 149 149 1 9085 89 9085 89 24541 36464 26599 ... 72495 24389 96062 000 000	USB	(AB-RUS)
E07	15918	24-3	1140	Tue	149 149 149 1 9085 89 9085 89 24541 36464 26599 ... 72495 24389 96062 000 000	USB	(AB)
E07	10321	25-3	1800	Wed	318 318 318 000	USB	(AB)
E07	9121	25-3	1820	Wed	318 318 318 000	USB	(AB)
E07	10651	25-3	2000	Wed	616 616 616 1 562 95 562 95 10056 92422 32167 ... 71882 57830 61329 000 000	USB	(AB/RL)
E07	9151	25-3	2020	Wed	616 616 616 1 562 95 562 95 10056 92422 32167 ... 71882 57830 61329 000 000	USB	(AB/RL)
E07	7651	25-3	2040	Wed	616 616 616 1 562 95 562 95 10056 92422 32167 ... 71882 57830 61329 000 000	USB	(AB/RL)
E07	16284	26-3	1410	Thu	328 328 328 000	USB	(AB-KWT/MPJ)
E07	14854	26-3	1430	Thu	328 328 328 000	USB	(AB/MPJ)
E07	14942	27-3	0700	Fri	310 310 310 000	USB	(AB-KWT)
E07	16142	27-3	0720	Fri	310 310 310 000	USB	(AB-KWT)
E07	19118	27-3	1100	Fri	149 149 149 1 9085 89 9085 89 24541 36464 26599 ... 72495 24389 96062 000 000	USB	(AB-KWT)
E07	17418	27-3	1120	Fri	149 149 149 1 9085 89 9085 89 24541 36464 26599 ... 72495 24389 96062 000 000	USB	(AB-KWT)
E07	15918	27-3	1140	Fri	149 149 149 1 9085 89 9085 89 24541 36464 26599 ... 72495 24389 96062 000 000	USB	(AB)
E07	12143	28-3	1400	Sat	114 114 114 000	USB	(AB)
E07	16284	28-3	1410	Sat	328 328 328 000	USB	(AB-KWT/MPJ)
E07	11143	28-3	1420	Sat	114 114 114 000	USB	(AB)
E07	14854	28-3	1430	Sat	328 328 328 000	USB	(AB/MPJ)

E07	10268	29-3	0700	Sun	201 201 201 000	USB	(AB)
E07	11068	29-3	0720	Sun	201 201 201 000	USB	(AB)
E07	10321	29-3	1800	Sun	318 318 318 1 6990 204 6990 204 84359 59381 01916 1... 33509 81864 11507 000 000	USB	(AB)
E07	9121	29-3	1828	Sun	318 318 318 1 6990 204 6990 204 84359 59381 01916 1... 33509 81864 11507 000 000	USB	(AB)
E07	7821	29-3	1855	Sun	318 318 318 1 6990 204 6990 204 84359 59381 01916 1... 33509 81864 11507 000 000	USB	(AB)
E07	10651	30-3	2000	Mon	616 616 616 000	USB	(AB/RL)
E07	9151	30-3	2020	Mon	616 616 616 000	USB	(AB/RL)
E07	14942	31-3	0700	Tue	310 310 310 1 124 58 124 58 53896 57859 10024 ... 29991 25922 55009 000 000	USB	(AB-KWT)
E07	16142	31-3	0720	Tue	310 310 310 1 124 58 124 58 53896 57859 10024 ... 29991 25922 55009 000 000	USB	(AB-KWT)
E07	18042	31-3	0740	Tue	310 310 310 1 124 58 124 58 53896 57859 10024 ... 29991 25922 55009 000 0	USB	(AB-KWT)
E07	19118	31-3	1100	Tue	149 149 149 1 9085 89 9085 89 24541 36464 26599 ... 72495 24389 96062 000 000	USB	(AB-RUS)
E07	17418	31-3	1120	Tue	149 149 149 1 9085 89 9085 89 24541 36464 26599 ... 72495 24389 96062 000 000	USB	(AB-RUS)
E07	15918	31-3	1140	Tue	149 149 149 1 9085 89 9085 89 24541 36464 26599 ... 72495 24389 96062 000 000	USB	(AB)
E07a	5877	4-3	2100	Wed	825 825 825 000	USB	(AB/RL/HFD)
E07a	5277	4-3	2120	Wed	825 825 825 000	USB	(AB/RL/HFD)
E07a	6922	5-3	0530	Thu	913 913 913 000	USB	(AB)
E07a	8122	5-3	0550	Thu	913 913 913 000	USB	(AB)
E07a	11473	6-3	1610	Fri	413 413 413 000	USB	(AB/MPJ/HFD)
E07a	10173	6-3	1630	Fri	413 413 413 000	USB	(AB/MPJ/HFD)
E07a	11133	7-3	0900	Sat	114 114 114 000	USB	(AB/HFD)
E07a	12133	7-3	0920	Sat	114 114 114 000	USB	(AB/HFD)
E07a	5877	11-3	2100	Wed	825 825 825 000	USB	(AB/RL)
E07a	5277	11-3	2120	Wed	825 825 825 000	USB	(AB/RL)
E07a	6922	12-3	0530	Thu	913 913 913 000	USB	(AB)
E07a	8122	12-3	0550	Thu	913 913 913 000	USB	(AB)
E07a	11473	13-3	1610	Fri	413 413 413 000	USB	(AB/MPJ)
E07a	10173	13-3	1630	Fri	413 413 413 000	USB	(AB/MPJ)
E07a	11133	14-3	0900	Sat	114 114 114 000	USB	(AB)
E07a	12133	14-3	0920	Sat	114 114 114 000	USB	(AB)
E07a	5877	18-3	2100	Wed	825 825 825 1 19255 6508 54 6508 54 27372 17612 86647 ... 84258 38944 13554 000 000	USB	(AB/RL)
E07a	5277	18-3	2120	Wed	825 825 825 1 19255 6508 54 6508 54 27372 17612 86647 ... 84258 38944 13554 000 000	USB	(AB)
E07a	4577	18-3	2140	Wed	825 825 825 1 19255 6508 54 6508 54 27372 17612 86647 ... 84258 38944 13554 000 000	USB	(AB)
E07a	6922	19-3	0530	Thu	913 913 913 1 19255 6508 54 6508 54 27372 17612 86647 ... 84258 38944 13554 000 000	USB	(AB)
E07a	8122	19-3	0550	Thu	913 913 913 1 19255 6508 54 6508 54 27372 17612 86647 ... 84258 38944 13554 000 000	USB	(AB)
E07a	9322	19-3	0610	Thu	913 913 913 1 19255 6508 54 6508 54 27372 17612 86647 ... 84258 38944 13554 000 000	USB	(AB)
E07a	11473	20-3	1610	Fri	413 413 413 1 68447 251 61 251 61 69580 82859 23608 ... 11404 50963 19105 000 000	USB	(AB)
E07a	10173	20-3	1630	Fri	413 413 413 1 68447 251 61 251 61 69580 82859 23608 ... 11404 50963 19105 000 000	USB	(AB)
E07a	9373	20-3	1650	Fri	413 413 413 1 68447 251 61 251 61 69580 82859 23608 ... 11404 50963 19105 000 000	USB	(AB)
E07a	11133	21-3	0900	Sat	114 114 114 1 68447 251 61 251 61 69580 82859 ... 11404 50963 19105 000 000	USB	(AB)

E07a	12133	21-3	0920	Sat	114 114 114 1 68447 251 61 251 61 69580 82859 ... 11404 50963 19105 000 000	USB	(AB)
E07a	13433	21-3	0940	Sat	114 114 114 1 68447 251 61 251 61 69580 82859 ... 11404 50963 19105 000 000	USB	(AB)
E07a	5877	25-3	2100	Wed	825 825 825 1 19255 6508 54 6508 54 27372 17612 86647 ... 84258 38944 13554 000 000	USB	(AB/RL)
E07a	5277	25-3	2120	Wed	825 825 825 1 19255 6508 54 6508 54 27372 17612 86647 ... 84258 38944 13554 000 000	USB	(AB/RL)
E07a	4577	25-3	2140	Wed	825 825 825 1 19255 6508 54 6508 54 27372 17612 86647 ... 84258 38944 13554 000 000	USB	(AB/RL)
E07a	6922	26-3	0530	Thu	913 913 913 1 19255 6508 54 6508 54 27372 17612 86647 ... 84258 38944 13554 000 000	USB	(AB)
E07a	8122	26-3	0550	Thu	913 913 913 1 19255 6508 54 6508 54 27372 17612 86647 ... 84258 38944 13554 000 000	USB	(AB)
E07a	9322	26-3	0610	Thu	913 913 913 1 19255 6508 54 6508 54 27372 17612 86647 ... 84258 38944 13554 000 000	USB	(AB)
E07a	11473	27-3	1610	Fri	413 413 413 1 68447 251 61 251 61 69580 82859 23608 ... 11404 50963 19105 000 000	USB	(AB/MPJ)
E07a	10173	27-3	1630	Fri	413 413 413 1 68447 251 61 251 61 69580 82859 23608 ... 11404 50963 19105 000 000	USB	(AB/GHn/MPJ)
E07a	9373	27-3	1650	Fri	413 413 413 1 68447 251 61 251 61 69580 82859 23608 ... 11404 50963 19105 000 000	USB	(AB/MPJ)
E07a	11133	28-3	0900	Sat	114 114 114 1 68447 251 61 251 61 69580 82859 ... 11404 50963 19105 000 000	USB	(AB)
E07a	12133	28-3	0920	Sat	114 114 114 1 68447 251 61 251 61 69580 82859 ... 11404 50963 19105 000 000	USB	(AB)
E07a	13433	28-3	0940	Sat	114 114 114 1 68447 251 61 251 61 69580 82859 ... 11404 50963 19105 000 000	USB	(AB)
E11	5371	1-3	0805	Sun	315/00	USB	(AB/HFD)
E11	5082	1-3	1605	Sun	238/00	USB	(AB/MPJ/HFD)
E11	6923	1-3	1625	Sun	970/00	USB	(AB/HFD)
E11	11116	1-3	1650	Sun	922/00	USB	(AB/MPJ/HFD)
E11	8530	1-3	1910	Sun	618/00	USB	(AB/HFD)
E11	4505	1-3	1930	Sun	366/00	USB	(AB/MPJ/HFD)
E11	5371	2-3	0450	Mon	304/00	USB	(AB-POL)
E11	12153	2-3	0640	Mon	930/00	USB	(AB)
E11	10213	2-3	0745	Mon	261/00	USB	(AB/HFD)
E11	12153	2-3	0830	Mon	183/00	USB	(AB-POL)
E11	8180	2-3	0900	Mon	533/00	USB	(AB/HFD)
E11	13470	2-3	1745	Mon	248/00	USB	(AB-POL)
E11	7317	2-3	1900	Mon	648/00	USB	(AB/HFD)
E11	10800	3-3	0645	Tue	515/00	USB	(AB)
E11	9963	3-3	0715	Tue	633/00	USB	(AB/HFD)
E11	19184	3-3	0820	Tue	139/00	USB	(AB/HFD-POL)
E11	12202	3-3	0845	Tue	156/00	USB	(AB/HFD)
E11	6923	3-3	1205	Tue	463/00	USB	(AB/HFD)
E11	12153	4-3	0640	Wed	948/00	USB	(AB)
E11	8180	4-3	0900	Wed	532/00	USB	(AB)
E11	6940	4-3	0930	Wed	278/00	USB	(AB/HFD)
E11	6923	4-3	1205	Wed	465/00	USB	(AB/MPJ)
E11	4181	4-3	1705	Wed	390/00	USB	(AB/MPJ/HFD)
E11	10800	5-3	0645	Thu	518/00	USB	(AB)
E11	12202	5-3	0845	Thu	154/00	USB	(AB)

E11	6940	5-3	0930	Thu	278/00	USB	(AB)
E11	10330	5-3	1530	Thu	262/00	USB	(AB/HFD)
E11	9240	5-3	1700	Thu	338/00	USB	(AB)
E11	7864	5-3	1730	Thu	413/00	USB	(AB/HFD)
E11	7317	5-3	1900	Thu	641/00	USB	(AB/MPJ)
E11	5779	6-3	0435	Fri	353/00	USB	(AB)
E11	8180	6-3	0700	Fri	574/00	USB	(AB)
E11	5941	6-3	0820	Fri	434/00	USB	(AB)
E11	12153	6-3	0830	Fri	189/00	USB	(AB-POL/HFD)
E11	8530	6-3	1910	Fri	616/00	USB	(MPJ)
E11	8102	7-3	0710	Sat	495/00	USB	(AB)
E11	4181	7-3	1705	Sat	393/00	USB	(AB/MPJ)
E11	4505	7-3	1930	Sat	368/00	USB	(AB/MPJ)
E11	8102	8-3	0710	Sun	490/00	USB	(AB)
E11	8530	8-3	1910	Sun	614/00	USB	(AB/MPJ)
E11	4505	8-3	1930	Sun	367/00	USB	(AB/MPJ)
E11	12153	9-3	0640	Mon	946/00	USB	(AB)
E11	10213	9-3	0745	Mon	269/00	USB	(AB)
E11	12153	9-3	0830	Mon	189/00	USB	(AB)
E11	8180	9-3	0900	Mon	534/00	USB	(AB)
E11	7317	9-3	1045	Mon	690/00	USB	(AB)
E11	5737	9-3	1530	Mon	525/00	USB	(AB)
E11	13470	9-3	1745	Mon	246/00	USB	(AB-POL)
E11	7317	9-3	1900	Mon	649/00	USB	(AB)
E11	10800	10-3	0645	Tue	518/00	USB	(AB)
E11	8180	10-3	0700	Tue	571/00	USB	(AB)
E11	14865	10-3	0745	Tue	220/00	USB	(AB)
E11	12202	10-3	0845	Tue	155/00	USB	(AB)
E11	7317	10-3	1000	Tue	305/00	USB	(AB)
E11	14972	10-3	1345	Tue	911/00	USB	(AB)
E11	5082	10-3	1605	Tue	238/00	USB	(AB/MPJ)
E11	12153	11-3	0640	Wed	948/00	USB	(AB)
E11	17410	11-3	0745	Wed	347/00	USB	(AB)
E11	8180	11-3	0900	Wed	538/00	USB	(AB)
E11	6940	11-3	0930	Wed	271/00	USB	(AB)
E11	7317	11-3	1045	Wed	697/00	USB	(AB)
E11	6923	11-3	1625	Wed	972/00	USB	(AB)
E11	10800	12-3	0645	Thu	510/00	USB	(AB)
E11	14865	12-3	0745	Thu	228/00	USB	(AB)

E11	5149	12-3	0820	Thu	438/00	USB	(AB)
E11	12202	12-3	0845	Thu	156/00	USB	(AB)
E11	6940	12-3	0930	Thu	277/00	USB	(AB)
E11	10330	12-3	1530	Thu	268/00	USB	(AB/GHn/MPJ)
E11	7317	12-3	1900	Thu	647/00	USB	(AB/MPJ)
E11	8180	13-3	0700	Fri	577/00	USB	(AB)
E11	17410	13-3	0745	Fri	340/00	USB	(AB-KWT)
E11	5941	13-3	0820	Fri	435/00	USB	(AB)
E11	12153	13-3	0830	Fri	189/00	USB	(AB)
E11	7317	13-3	1000	Fri	304/00	USB	(AB)
E11	5737	13-3	1530	Fri	522/00	USB	(AB/MPJ)
E11	11116	13-3	1650	Fri	921/00	USB	(AB)
E11	8102	14-3	0710	Sat	498/00	USB	(AB)
E11	14972	14-3	1345	Sat	917/00	USB	(AB-POL)
E11	4505	14-3	1930	Sat	369/00	USB	(AB)
E11	5779	15-3	0435	Sun	353/00	USB	(AB)
E11	6923	15-3	1625	Sun	977/00	USB	(AB/MPJ)
E11	11116	15-3	1650	Sun	921/00	USB	(AB/MPJ)
E11	13470	15-3	1745	Sun	248/00	USB	(AB-S/MPJ/HFD-POL)
E11	4505	15-3	1930	Sun	364/00	USB	(AB)
E11	5371	16-3	0450	Mon	411/00	USB	(AB/HFD)
E11	12153	16-3	0640	Mon	944/00	USB	(AB)
E11	10213	16-3	0745	Mon	268/00	USB	(AB)
E11	8180	16-3	0900	Mon	537/00	USB	(AB)
E11	5737	16-3	1530	Mon	528/00	USB	(AB)
E11	13470	16-3	1745	Mon	240/00	USB	(AB-POL)
E11	10800	17-3	0645	Tue	518/00	USB	(AB/HFD)
E11	10800	17-3	0645	Tue	518/00	USB	(HFD)
E11	8180	17-3	0700	Tue	579/00	USB	(AB)
E11	14865	17-3	0745	Tue	225/00	USB	(AB)
E11	7317	17-3	1000	Tue	308/00	USB	(AB)
E11	6923	17-3	1205	Tue	460/00	USB	(AB)
E11	14972	17-3	1345	Tue	910/00	USB	(AB/MPJ)
E11	5082	17-3	1605	Tue	231/00	USB	(AB)
E11	9240	17-3	1700	Tue	334/00	USB	(AB/MPJ/HFD-POL)
E11	14865	18-3	0745	Wed	229/00	USB	(HFD)
E11	17410	18-3	0745	Wed	342/00	USB	(AB)
E11	19184	18-3	0820	Wed	135/00	USB	(AB-POL)
E11	8180	18-3	0900	Wed	537/00	USB	(AB)

E11	6923	18-3	1205	Wed	464/00	USB	(AB)
E11	6923	18-3	1625	Wed	978/00	USB	(AB)
E11	4181	18-3	1705	Wed	395/00	USB	(AB/MPJ)
E11	10800	19-3	0645	Thu	510/00	USB	(AB)
E11	14865	19-3	0745	Thu	229/00	USB	(AB)
E11	10330	19-3	1530	Thu	267/00	USB	(AB)
E11	9240	19-3	1700	Thu	338/00	USB	(AB)
E11	7864	19-3	1730	Thu	414/00	USB	(AB)
E11	7317	19-3	1900	Thu	646/00	USB	(AB)
E11	5779	20-3	0435	Fri	354/00	USB	(AB)
E11	8180	20-3	0700	Fri	574/00	USB	(AB)
E11	17410	20-3	0745	Fri	346/00	USB	(AB-POL)
E11	12153	20-3	0830	Fri	180/00	USB	(AB)
E11	7317	20-3	1000	Fri	306/00	USB	(AB)
E11	5737	20-3	1530	Fri	528/00	USB	(AB)
E11	11116	20-3	1650	Fri	924/00	USB	(AB)
E11	8530	20-3	1910	Fri	611/00	USB	(AB)
E11	5371	21-3	0805	Sat	319/00	USB	(AB)
E11	14972	21-3	1345	Sat	912/00	USB	(AB)
E11	4181	21-3	1705	Sat	394/00	USB	(AB/GHn)
E11	5371	22-3	0805	Sun	311/00	USB	(AB)
E11	5082	22-3	1605	Sun	238/00	USB	(AB/MPJ)
E11	6923	22-3	1625	Sun	974/00	USB	(AB/MPJ)
E11	11116	22-3	1650	Sun	921/00	USB	(AB/GHn/MPJ)
E11	13470	22-3	1745	Sun	248/00	USB	(AB-POL/MPJ-POL)
E11	8530	22-3	1910	Sun	614/00	USB	(AB)
E11	5371	23-3	0450	Mon	414/00	USB	(AB)
E11	7317	23-3	1045	Mon	691/00	USB	(AB/OH2HTN)
E11	9963	24-3	0715	Tue	634/00	USB	(AB)
E11	14865	24-3	0745	Tue	224/00	USB	(AB)
E11	19184	24-3	0820	Tue	136/00	USB	(AB-POL)
E11	12202	24-3	0845	Tue	157/00	USB	(AB)
E11	7317	24-3	1000	Tue	300/00	USB	(AB)
E11	6923	24-3	1205	Tue	462/00	USB	(AB)
E11	14972	24-3	1345	Tue	917/00	USB	(AB/MPJ)
E11	5082	24-3	1605	Tue	230/00	USB	(AB/GHn/MPJ)
E11	9240	24-3	1700	Tue	331/00	USB	(AB/MPJ)
E11	17410	25-3	0745	Wed	347/00	USB	(AB-POL)
E11	6940	25-3	0933	Wed	Late start 270/00	USB	(AB)

E11	7317	25-3	1045	Wed	692/00	USB	(AB)
E11	6923	25-3	1205	Wed	469/00	USB	(AB)
E11	6923	25-3	1625	Wed	975/00	USB	(AB)
E11	4181	25-3	1705	Wed	399/00	USB	(AB/MPJ)
E11	14865	26-3	0745	Thu	223/00	USB	(AB)
E11	5149	26-3	0820	Thu	438/00	USB	(AB)
E11	12202	26-3	0845	Thu	157/00	USB	(AB)
E11	6940	26-3	0930	Thu	277/00	USB	(AB)
E11	9240	26-3	1700	Thu	333/00	USB	(AB/MPJ)
E11	7864	26-3	1730	Thu	416/00	USB	(AB/MPJ)
E11	9963	27-3	0715	Fri	630/00	USB	(AB)
E11	17410	27-3	0745	Fri	349/00	USB	(AB-POL)
E11	5149	27-3	0820	Fri	430/00	USB	(AB)
E11	7317	27-3	1000	Fri	305/00	USB	(AB)
E11	5737	27-3	1530	Fri	520/00	USB	(AB/MPJ)
E11	11116	27-3	1650	Fri	920/00	USB	(AB/MPJ)
E11	8530	27-3	1910	Fri	611/00	USB	(AB/MPJ)
E11	8102	28-3	0710	Sat	490/00	USB	(AB)
E11	5371	28-3	0805	Sat	316/00	USB	(AB)
E11	14972	28-3	1345	Sat	911/00	USB	(AB)
E11	4181	28-3	1705	Sat	395/00	USB	(AB/MPJ)
E11	4505	28-3	1930	Sat	365/00	USB	(AB/MPJ)
E11	5371	29-3	0805	Sun	314/00	USB	(AB)
E11	5082	29-3	1605	Sun	230/00	USB	(AB/MPJ)
E11	6923	29-3	1625	Sun	974/00	USB	(AB/MPJ)
E11	11116	29-3	1650	Sun	926/00	USB	(AB/MPJ)
E11	8530	29-3	1910	Sun	610/00	USB	(AB/MPJ)
E11	4505	29-3	1930	Sun	366/00	USB	(AB)
E11	12153	30-3	0640	Mon	940/00	USB	(AB)
E11	10213	30-3	0745	Mon	266/00	USB	(AB)
E11	12153	30-3	0830	Mon	183/00	USB	(AB)
E11	8180	30-3	0900	Mon	538/00	USB	(AB)
E11	7317	30-3	1045	Mon	696/00	USB	(AB)
E11	5737	30-3	1530	Mon	521/00	USB	(AB)
E11	13470	30-3	1745	Mon	249/00	USB	(AB-POL)
E11	7317	30-3	1900	Mon	647/00	USB	(AB)
E11	10800	31-3	0645	Tue	518/00	USB	(AB)
E11	8180	31-3	0700	Tue	573/00	USB	(AB)
E11	9963	31-3	0715	Tue	639/00	USB	(AB)

E11	14865	31-3	0745	Tue	223/00		USB	(AB-POL)
E11	19184	31-3	0820	Tue	131/00		USB	(AB-POL)
E11	12202	31-3	0845	Tue	155/00		USB	(AB)
E11	7317	31-3	1000	Tue	304/00		USB	(AB)
E11	6923	31-3	1205	Tue	465/00		USB	(AB)
E11	14972	31-3	1345	Tue	917/00		USB	(AB-POL/MPJ)
E11	5082	31-3	1605	Tue	230/00		USB	(AB)
E11	9240	31-3	1700	Tue	330/00		USB	(MPJ)
E11a	7317	2-3	1045	Mon	691/23 Attention 00424 39300 13036 ... 02582 74200 33095 Attention (message repeated)	Out	USB	(AB/HFD)
E11a	5737	2-3	1530	Mon	521/32 Attention 91169 82148 63721 ... 05119 65344 69589 Attention (message repeated)	Out	USB	(AB/HFD)
E11a	14865	3-3	0745	Tue	225/33 Attention 58451 06020 54878 ... 16686 93552 49054 Attention (message repeated)	Out	USB	(AB-POL)
E11a	7317	3-3	1000	Tue	305/33 Attention 88193 72587 58742 ... 04604 03652 96267 Attention (message repeated)	Out	USB	(AB/HFD)
E11a	14972	3-3	1345	Tue	918/36 Attention 80693 39972 51981 ... 88933 29809 58753 Attention (message repeated)	out	USB	(AB)
E11a	5082	3-3	1605	Tue	236/39 Attention 86327 39299 51811 ... 62330 56201 20630 Attention (message repeated)	Out	USB	(AB/MPJ)
E11a	17410	4-3	0745	Wed	344/33 Attention 73979 23210 87952 ... 98923 72400 56331 Attention (message repeated)	Out	USB	(AB-POL)
E11a	7317	4-3	1045	Wed	691/23 Attention 00424 39300 13036 ... 02582 74200 33095 Attention (message repeated)	Out	USB	(AB)
E11a	6923	4-3	1625	Wed	970/35 Attention 99904 47925 82017 ... 46907 17074 38053 Attention (message repeated)	Out	USB	(AB/MPJ)
E11a	14865	5-3	0745	Thu	225/33 Attention 58451 06020 54878 ... 16686 93552 49054 Attention (message repeated)	Out	USB	(AB)
E11a	17410	6-3	0745	Fri	344/33 Attention 73979 23210 87952 ... 98923 72400 56331 Attention (message repeated)	Out	USB	(AB-POL)
E11a	7317	6-3	1000	Fri	305/33 Attention 88193 72587 58742 ... 04604 03652 96267 Attention (message repeated)	Out	USB	(AB)
E11a	5737	6-3	1530	Fri	521/32 Attention 91169 82148 63721 ... 05119 65344 69589 Attention (message repeated)	Out	USB	(AB/MPJ)
E11a	11116	6-3	1650	Fri	921/38 Attention 05048 70088 01275 ... 74496 48190 80006 Attention (message repeated)	Out	USB	(AB)
E11a	5371	7-3	0805	Sat	313/34 Attention 47919 26825 05827 ... 86851 21200 67852 Attention (message repeated)	Out	USB	(AB)
E11a	14972	7-3	1345	Sat	918/36 Attention 80693 39972 51981 ... 88933 29809 58753 Attention (message repeated)	out	USB	(AB/HFD)
E11a	5371	8-3	0805	Sun	313/34 Attention 47919 26825 05827 ... 86851 21200 67852 Attention (message repeated)	Out	USB	(AB)
E11a	5082	8-3	1605	Sun	236/39 Attention 86327 39299 51811 ... 62330 56201 20630 Attention (message repeated)	Out	USB	(AB/MPJ)
E11a	6923	8-3	1625	Sun	970/35 Attention 99904 47925 82017 ... 46907 17074 38053 Attention (message repeated)	Out	USB	(AB/MPJ)
E11a	11116	8-3	1650	Sun	921/38 Attention 05048 70088 01275 ... 74496 48190 80006 Attention (message repeated)	Out	USB	(MPJ)
E11a	5371	9-3	0450	Mon	411/33 Attention 82533 81585 69550 ... 23131 78248 93863 Attention (message repeated)	Out	USB	(AB)
E11a	19184	10-3	0820	Tue	130/36 Attention 76994 86518 55017 ... 47661 85924 39378 Attention (message repeated)	Out	USB	(AB-POL)
E11a	6923	10-3	1205	Tue	464/35 Attention 93765 02674 46999 ... 93252 62622 33423 Attention (message repeated)	Out	USB	(AB)
E11a	9240	10-3	1700	Tue	337/32 Attention 94390 00039 10235 ... 09779 32564 36091 Attention (message repeated)	Out	USB	(AB/MPJ)
E11a	19184	11-3	0820	Wed	130/36 Attention 76994 86518 55017 ... 47661 85924 39378 Attention (message repeated)	Out	USB	(AB-POL)
E11a	6923	11-3	1205	Wed	464/35 Attention 93765 02674 46999 ... 93252 62622 33423 Attention (message repeated)	Out	USB	(AB)
E11a	4181	11-3	1705	Wed	399/33 Attention 79373 55550 24173 ... 73522 16413 58379 Attention (message repeated)	Out	USB	(AB)
E11a	9240	12-3	1700	Thu	337/32 Attention 94390 00039 10235 ... 09779 32564 36091 Attention (message repeated)	Out	USB	(AB/MPJ)
E11a	7864	12-3	1730	Thu	411/33 Attention 82533 81585 69550 ... 23131 78248 93863 Attention (message repeated)	Out	USB	(AB/MPJ)
E11a	8530	13-3	1910	Fri	613/37 Attention 94825 96908 81391 ... 60621 84117 09447 Attention (message repeated)	Out	USB	(AB/MPJ)
E11a	4181	14-3	1705	Sat	399/33 Attention 79373 55550 24173 ... 73522 16413 58379 Attention (message repeated)	Out	USB	(AB)

E11a	8530	15-3	1910	Sun	613/37 Attention 94825 96908 81391 ... 60621 84117 09447 Attention (message repeated) Out	USB	(MPJ)
E11a	12202	17-3	0845	Tue	155/35 Attention 82700 69080 78086 ... 32196 94264 65424 Attention (message repeated) Out	USB	(AB)
E11a	6940	18-3	0930	Wed	270/37 Attention 12555 58792 94955 ... 83327 95946 29106 Attention (message repeated) Out	USB	(AB)
E11a	5149	19-3	0820	Thu	436/39 Attention 95666 27194 00693 ... 66405 41920 74488 Attention (message repeated) Out	USB	(AB)
E11a	12202	19-3	0845	Thu	155/35 Attention 82700 69080 78086 ... 32196 94264 65424 Attention (message repeated) Out	USB	(AB)
E11a	6940	19-3	0930	Thu	270/37 Attention 12555 58792 94955 ... 83327 95946 29106 Attention (message repeated) Out	USB	(AB)
E11a	9963	20-3	0715	Fri	631/35 Attention 61955 24326 56905 ...33078 79840 83342 Attention (message repeated) Out	USB	(AB)
E11a	5149	20-3	0820	Fri	436/39 Attention 95666 27194 00693 ... 66405 41920 74488 Attention (message repeated) Out	USB	(AB)
E11a	8102	21-3	0710	Sat	497/37 Attention 30247 20290 71139 ... 77595 81362 41708 Attention (message repeated) Out	USB	(AB)
E11a	4505	21-3	1930	Sat	369/36 Attention 13727 40413 35564 ... 19178 23312 97268 Attention (message repeated) Out	USB	(AB)
E11a	8102	22-3	0710	Sun	497/37 Attention 30247 20290 71139 ... 77595 81362 41708 Attention (message repeated) Out	USB	(AB)
E11a	4505	22-3	1930	Sun	369/36 Attention 13727 40413 35564 ... 19178 23312 97268 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	12153	23-3	0640	Mon	940/34 Attention 95683 20049 01862 ... 97057 88888 30923 Attention (message repeated) Out	USB	(AB)
E11a	10213	23-3	0745	Mon	261/33 Attention 48245 46880 47609 ... 70953 67530 17458 Attention (message repeated) Out	USB	(AB)
E11a	12153	23-3	0830	Mon	185/35 Attention 02203 54183 81294 ... 54945 29567 19976 Attention (message repeated) Out	USB	(AB-POL)
E11a	8180	23-3	0900	Mon	532/37 Attention 09461 44937 21920 ... 67199 01257 14730 Attention (message repeated) Out	USB	(AB/HFD)
E11a	13470	23-3	1745	Mon	244/38 Attention 79588 08236 69988 ... 40567 92377 52916 Attention (message repeated) Out	USB	(AB-POL)
E11a	7317	23-3	1900	Mon	646/36 Attention 77925 35092 42946 ... 26813 04310 35426 Attention (message repeated) Out	USB	(AB)
E11a	10800	24-3	0645	Tue	515/32 Attention 41312 29916 11114 ... 34976 48176 44258 Attention (message repeated) Out	USB	(AB)
E11a	8180	24-3	0700	Tue	573/31 Attention 74719 05626 94749 ... 91028 48707 02619 Attention (message repeated) Out	USB	(AB)
E11a	12153	25-3	0640	Wed	940/34 Attention 95683 20049 01862 ... 97057 88888 30923 Attention (message repeated) Out	USB	(AB)
E11a	8180	25-3	0900	Wed	532/37 Attention 09461 44937 21920 ... 67199 01257 14730 Attention (message repeated) Out	USB	(AB)
E11a	10800	26-3	0645	Thu	515/32 Attention 41312 29916 11114 ... 34976 48176 44258 Attention (message repeated) Out	USB	(AB)
E11a	10330	26-3	1530	Thu	261/33 Attention 48245 46880 47609 ... 70953 67530 17458 Attention (message repeated) Out	USB	(AB/GHn)
E11a	7317	26-3	1900	Thu	646/36 Attention 77925 35092 42946 ... 26813 04310 35426 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	5779	27-3	0435	Fri	354/37 Attention 19414 07466 37668 ... 93079 60831 14281 Attention (message repeated) out	USB	(AB/HFD)
E11a	8180	27-3	0700	Fri	573/31 Attention 74719 05626 94749 ... 91028 48707 02619 Attention (message repeated) Out	USB	(AB)
E11a	12153	27-3	0830	Fri	185/35 Attention 02203 54183 81294 ... 54945 29567 19976 Attention (message repeated) Out	USB	(AB)
E11a	5779	29-3	0435	Sun	354/37 Attention 19414 07466 37668 ... 93079 60831 14281 Attention (message repeated) out	USB	(AB)
E11a	13470	29-3	1745	Sun	244/38 Attention 79588 08236 69988 ... 40567 92377 52916 Attention (message repeated) Out	USB	(AB-POL)
E17z	14260	5-3	0800	Thu	217 508 6 66990 45366 29281 40334 11187 71705 508 6 00000	USB	(AB-POL)
E17z	12930	5-3	0810	Thu	217 508 6 66990 45366 29281 40334 11187 71705 508 6 00000	USB	(AB-G)
E17z	14260	12-3	0800	Thu	217 508 6 66990 45366 29281 40334 11187 71705 508 6 00000	USB	(AB-G)
E17z	12930	12-3	0810	Thu	217 508 6 66990 45366 29281 40334 11187 71705 508 6 00000	USB	(AB-G)
E17z	14260	19-3	0800	Thu	217 409 5 47665 94092 48521 63888 92060 409 5 00000	USB	(AB-POL)
E17z	12930	19-3	0810	Thu	217 409 5 47665 94092 48521 63888 92060 409 5 00000	USB	(AB-G)
E17z	14260	26-3	0800	Thu	217 409 5 47665 94092 48521 63888 92060 409 5 00000	USB	(AB-G/HFD)
E17z	12930	26-3	0810	Thu	217 409 5 47665 94092 48521 63888 92060 409 5 00000	USB	(AB-G)
EGY	14445.7	5-3	1333	Thu	Egyptian diplo i.p.	SITOR-A 100/170	(AB)

EGY	18334.7	23-3	0913	Mon	Egyptian diplo station clg KKVU: Egyptian embassy Accra	SITOR-A 100/170	(AB)
F01	10861	2-3	1015	Mon	Russian diplo/intel. 01266 23811 19764 ... 85702 12045 81423 00000	FSK 200/500	(AB/hfd)
F01	8187	2-3	1025	Mon	Russian diplo/intel. 01266 23811 19764 ... 85702 12045 81423 00000	FSK 200/500	(AB-RUS/hfd)
F01	6939	2-3	1035	Mon	Russian diplo/intel. 01266 23811 19764 ... 85702 12045 81423 00000	FSK 200/500	(AB-RUS/hfd)
F01	10467	4-3	1940	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS/MPJ)
F01	8094	4-3	1950	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)
F01	6779	4-3	2000	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)
F01	20700	6-3	2230	Fri	Russian diplo/intel. Header: 11177 00116 52541 06016 01639	FSK 200/500	(Danix-ARG)
F01	18726	6-3	2240	Fri	Russian diplo/intel. Header: 11177 00116 52541 06016 01639	FSK 200/500	(Danix-ARG)
F01	10861	9-3	1015	Mon	Russian diplo/intel. 77915 01630 48122 ... 85582 82778 82433 00000	FSK 200/500	(AB/Danix)
F01	8187	9-3	1025	Mon	Russian diplo/intel. 77915 01630 48122 ... 85582 82778 82433 00000	FSK 200/500	(AB)
F01	6939	9-3	1035	Mon	Russian diplo/intel. 77915 01630 48122 ... 85582 82778 82433 00000	FSK 200/500	(AB-RUS)
F01	10861	10-3	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8187	10-3	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	6939	10-3	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	10861	11-3	1015	Wed	Russian diplo/intel. 93766 44001 72514 ... 35574 93958 85423 00000	FSK 200/500	(AB)
F01	8187	11-3	1025	Wed	Russian diplo/intel. 93766 44001 72514 ... 35574 93958 85423 00000	FSK 200/500	(AB)
F01	6939	11-3	1035	Wed	Russian diplo/intel. 93766 44001 72514 ... 35574 93958 85423 00000	FSK 200/500	(AB-RUS)
F01	10861	12-3	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8187	12-3	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	6939	12-3	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	10861	13-3	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	8187	13-3	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	6939	13-3	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
F01	10861	16-3	1015	Mon	Russian diplo/intel. 22720 09783 25658 ... 13948 41757 88423 00000	FSK 200/500	(AB)
F01	8187	16-3	1025	Mon	Russian diplo/intel. 22720 09783 25658 ... 13948 41757 88423 00000	FSK 200/500	(AB)
F01	6939	16-3	1035	Mon	Russian diplo/intel. 22720 09783 25658 ... 13948 41757 88423 00000	FSK 200/500	(AB)
F01	10861	17-3	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8187	17-3	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	6939	17-3	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	10861	18-3	1015	Wed	Russian diplo/intel. 71631 63403 52562 ... 88561 00608 91417 00000	FSK 200/500	(AB)
F01	8187	18-3	1025	Wed	Russian diplo/intel. 71631 63403 52562 ... 88561 00608 91417 00000	FSK 200/500	(AB)
F01	6939	18-3	1035	Wed	Russian diplo/intel. 71631 63403 52562 ... 88561 00608 91417 00000	FSK 200/500	(AB)
F01	10861	19-3	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8187	19-3	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	6939	19-3	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	10861	20-3	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	8187	20-3	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	6939	20-3	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)

F01	20700	20-3	2230	Fri	Russian diplo/intel. Header: 11177 00116 45789 20020 02379	FSK 200/500	(Danix-USA)
F01	18726	20-3	2240	Fri	Russian diplo/intel. Header: 11177 00116 45789 20020 02379	FSK 200/500	(Danix-USA)
F01	10861	23-3	1015	Mon	Russian diplo/intel. 26802 04975 14567 ... 41500 33270 94435 00000	FSK 200/500	(AB)
F01	8187	23-3	1025	Mon	Russian diplo/intel. 26802 04975 14567 ... 41500 33270 94435 00000	FSK 200/500	(AB)
F01	6939	23-3	1035	Mon	Russian diplo/intel. 26802 04975 14567 ... 41500 33270 94435 00000	FSK 200/500	(AB)
F01	10861	24-3	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8187	24-3	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	6939	24-3	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	10861	25-3	1015	Wed	Russian diplo/intel. 56227 22211 54392 ... 31721 49117 97403 00000	FSK 200/500	(AB)
F01	8187	25-3	1025	Wed	Russian diplo/intel. 56227 22211 54392 ... 31721 49117 97403 00000	FSK 200/500	(AB)
F01	6939	25-3	1035	Wed	Russian diplo/intel. 56227 22211 54392 ... 31721 49117 97403 00000	FSK 200/500	(AB)
F01	10861	26-3	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8187	26-3	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	6939	26-3	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	10861	27-3	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	8187	27-3	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	6939	27-3	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	10861	30-3	1015	Mon	Russian diplo/intel. 03771 64123 14457 ... 96897 25607 01421 00000	FSK 200/500	(AB)
F01	8187	30-3	1025	Mon	Russian diplo/intel. 03771 64123 14457 ... 96897 25607 01421 00000	FSK 200/500	(AB)
F01	6939	30-3	1035	Mon	Russian diplo/intel. 03771 64123 14457 ... 96897 25607 01421 00000	FSK 200/500	(AB)
F01	10861	31-3	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8187	31-3	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	6939	31-3	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F03d	8088	26-3	1100	Thu	Polish intel.	FSK-2 200Bd/400Hz	(AB)
F03d	8088	26-3	1105	Thu	Polish intel.	FSK-2 200Bd/400Hz	(AB)
F03d	8088	30-3	1100	Mon	Polish intel.	FSK-2 200Bd/400Hz	(AB)
F03d	8088	30-3	1105	Mon	Polish intel.	FSK-2 200Bd/400Hz	(AB)
F03j	19515	2-3	0630	Mon	Polish Intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	19515	2-3	0635	Mon	Polish Intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	8305	3-3	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	8305	3-3	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	19515	4-3	0630	Wed	Polish Intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	19515	4-3	0635	Wed	Polish Intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	8305	5-3	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	8305	5-3	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	19515	9-3	0630	Mon	Polish Intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	19515	9-3	0635	Mon	Polish Intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	8305	10-3	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	8305	10-3	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)

F03j	19515	11-3	0630	Wed	Polish Intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	19515	11-3	0635	Wed	Polish Intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	8305	12-3	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	8305	12-3	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	19515	16-3	0630	Mon	Polish Intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	19515	16-3	0635	Mon	Polish Intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	8305	17-3	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	8305	17-3	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	8305	19-3	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	8305	19-3	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	19515	23-3	0630	Mon	Polish Intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	19515	23-3	0635	Mon	Polish Intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	13046	24-3	0835	Tue	Polish Intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	24-3	0840	Tue	Polish Intel.	FSK-4 100Bd/400Hz	(AB)
F03j	19515	25-3	0630	Wed	Polish Intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	19515	25-3	0635	Wed	Polish Intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	7984	25-3	0950	Wed	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	7984	25-3	0955	Wed	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	8305	26-3	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	8305	26-3	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	26-3	0835	Thu	Polish Intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	26-3	0840	Thu	Polish Intel.	FSK-4 100Bd/400Hz	(AB)
F03j	19515	30-3	0630	Mon	Polish Intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	19515	30-3	0635	Mon	Polish Intel.	FSK-4 100Bd/400Hz	(AB-POL)
F03j	8305	31-3	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	8305	31-3	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	31-3	0835	Tue	Polish Intel.	FSK-4 100Bd/400Hz	(AB)
F03j	13046	31-3	0840	Tue	Polish Intel.	FSK-4 100Bd/400Hz	(AB)
F03I	18030	3-3	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	3-3	0805	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	15915	4-3	1330	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	4-3	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	6-3	1330	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	6-3	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	11-3	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	11-3	0805	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	15915	11-3	1330	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	11-3	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	13-3	1330	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	15915	13-3	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	17-3	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	17-3	0805	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	18-3	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	18-3	0805	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	13873	24-3	0725	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	24-3	0730	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	24-3	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	24-3	0805	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	8680	24-3	0945	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8680	24-3	0950	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	25-3	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	25-3	0805	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	6849	25-3	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	25-3	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	25-3	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	25-3	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	25-3	1330	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	15915	25-3	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	13873	26-3	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	26-3	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	26-3	0915	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	26-3	0920	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	27-3	1330	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	27-3	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	30-3	1030	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	30-3	1035	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	31-3	0725	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	31-3	0730	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	31-3	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	31-3	0805	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	8680	31-3	0945	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8680	31-3	0950	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F06	16245	1-3	1530	Sun	Russian diplo/intel. 11166 10053 13579 23067 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	14356	1-3	1540	Sun	Russian diplo/intel. 11166 10053 13579 23067 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12138	1-3	1550	Sun	Russian diplo/intel. 11166 10053 13579 23067 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9174	2-3	0500	Mon	Russian diplo/intel. 11166 70059 36987 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7384	2-3	0510	Mon	Russian diplo/intel. 11166 70059 36987 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5148	2-3	0520	Mon	Russian diplo/intel. 11166 70059 36987 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

F06	12153	2-3	0700	Mon	Russian diplo/intel. Header: 11166 70202 56987 28019 02779	FSK 200/1000	(AB)
F06	10671	2-3	0710	Mon	Russian diplo/intel. Header: 11166 70202 56987 28019 02779	FSK 200/1000	(AB)
F06	8091	2-3	0720	Mon	Russian diplo/intel. Header: 11166 70202 56987 28019 02779	FSK 200/1000	(AB)
F06	13526	2-3	1200	Mon	Russian diplo/intel. Header: 11166 70202 56987 28019 02779	FSK 200/1000	(AB)
F06	11428	2-3	1210	Mon	Russian diplo/intel. Header: 11166 70202 56987 28019 02779	FSK 200/1000	(AB)
F06	8026	2-3	1220	Mon	Russian diplo/intel. Header: 11166 70202 56987 28019 02779	FSK 200/1000	(AB)
F06	7926	3-3	0030	Tue	Russian diplo/intel. 11166 60070 97531 03075 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL)
F06	6796	3-3	0040	Tue	Russian diplo/intel. 11166 60070 97531 03075 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL)
F06	5285	3-3	0050	Tue	Russian diplo/intel. 11166 60070 97531 03075 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL)
F06	16359	3-3	1650	Tue	Russian diplo/intel. Too weak to copy	FSK 200/1000	(AB)
F06	13986	3-3	1700	Tue	Russian diplo/intel. Too weak to copy	FSK 200/1000	(AB)
F06	11523	3-3	1710	Tue	Russian diplo/intel. Too weak to copy	FSK 200/1000	(AB)
F06	15739	4-3	1520	Wed	Russian diplo/intel. Header: 11166 90017 48217 03007 02299	FSK 200/1000	(Danix)
F06	13429	4-3	1530	Wed	Russian diplo/intel. Header: 11166 90017 48217 03007 02299	FSK 200/1000	(Danix)
F06	11068	4-3	1540	Wed	Russian diplo/intel. Header: 11166 90017 48217 03007 02299	FSK 200/1000	(Danix)
F06	18195	4-3	1545	Wed	Russian diplo/intel. Header: 11166 30044 79136 03010 02129	FSK 200/1000	(Danix)
F06	17454	4-3	1550	Wed	Russian diplo/intel. Header: 11166 20218 74391 03005 02619	FSK 200/1000	(Danix)
F06	15689	4-3	1555	Wed	Russian diplo/intel. Header: 11166 30044 79136 03010 02129	FSK 200/1000	(Danix)
F06	14357	4-3	1600	Wed	Russian diplo/intel. Header: 11166 20218 74391 03005 02619	FSK 200/1000	(Danix)
F06	15993	4-3	1600	Wed	Russian diplo/intel. Header: 11166 70202 37214 03001 03109	FSK 200/1000	(Danix)
F06	12216	4-3	1605	Wed	Russian diplo/intel. Header: 11166 30044 79136 03010 02129	FSK 200/1000	(Danix)
F06	13930	4-3	1610	Wed	Russian diplo/intel. Header: 11166 70202 37214 03001 03109	FSK 200/1000	(Danix)
F06	11556	4-3	1610	Wed	Russian diplo/intel. Header: 11166 20218 74391 03005 02619	FSK 200/1000	(Danix)
F06	11648	4-3	1620	Wed	Russian diplo/intel. Header: 11166 70202 37214 03001 03109	FSK 200/1000	(Danix)
F06	10328	5-3	0800	Thu	Russian diplo/intel. 11166 70048 85214 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9420	5-3	0810	Thu	Russian diplo/intel. 11166 70048 85214 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7656	5-3	0820	Thu	Russian diplo/intel. 11166 70048 85214 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16054	5-3	1330	Thu	Russian diplo/intel. 11166 80214 83458 05041 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13471	5-3	1340	Thu	Russian diplo/intel. 11166 80214 83458 05041 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11162	5-3	1350	Thu	Russian diplo/intel. 11166 80214 83458 05041 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	16245	8-3	1530	Sun	Russian diplo/intel. 11166 10053 14563 08001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14356	8-3	1540	Sun	Russian diplo/intel. 11166 10053 14563 08001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12138	8-3	1550	Sun	Russian diplo/intel. 11166 10053 14563 08001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12153	9-3	0700	Mon	Russian diplo/intel. Header: 11166 70202 37485 06020 02799	FSK 200/1000	(AB)
F06	10671	9-3	0710	Mon	Russian diplo/intel. Header: 11166 70202 37485 06020 02799	FSK 200/1000	(AB)
F06	8091	9-3	0720	Mon	Russian diplo/intel. Header: 11166 70202 37485 06020 02799	FSK 200/1000	(AB)
F06	13526	9-3	1200	Mon	Russian diplo/intel. Header: 11166 70202 37485 06020 02799	FSK 200/1000	(AB)
F06	11428	9-3	1210	Mon	Russian diplo/intel. Header: 11166 70202 37485 06020 02799	FSK 200/1000	(AB)
F06	8026	9-3	1220	Mon	Russian diplo/intel. Header: 11166 70202 37485 06020 02799	FSK 200/1000	(AB)

F06	7926	10-3	0030	Tue	Russian diplo/intel. 11166 60070 13492 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL)
F06	6796	10-3	0040	Tue	Russian diplo/intel. 11166 60070 13492 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5285	10-3	0050	Tue	Russian diplo/intel. 11166 60070 13492 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12153	10-3	0700	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 52367 07021 02399 and 11166 70202 52917 07022 02079	FSK 200/1000	(AB)
F06	10671	10-3	0710	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 52367 07021 02399 and 11166 70202 52917 07022 02079	FSK 200/1000	(AB)
F06	8091	10-3	0720	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 52367 07021 02399 and 11166 70202 52917 07022 02079	FSK 200/1000	(AB)
F06	13526	10-3	1200	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 52367 07021 02399 and 11166 70202 52917 07022 02079	FSK 200/1000	(AB)
F06	11428	10-3	1210	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 52367 07021 02399 and 11166 70202 52917 07022 02079	FSK 200/1000	(AB)
F06	8026	10-3	1220	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 52367 07021 02399 and 11166 70202 52917 07022 02079	FSK 200/1000	(AB)
F06	16359	10-3	1650	Tue	Russian diplo/intel. 11166 10053 45896 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	13986	10-3	1700	Tue	Russian diplo/intel. 11166 10053 45896 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	11523	10-3	1710	Tue	Russian diplo/intel. 11166 10053 45896 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	18189	11-3	0600	Wed	Russian diplo/intel. Two messages. Headers: 11166 40122 14523 07077 02749 and 11166 40122 35689 07078 03029	FSK 200/1000	(AB-J)
F06	16046	11-3	0610	Wed	Russian diplo/intel. Two messages. Headers: 11166 40122 14523 07077 02749 and 11166 40122 35689 07078 03029	FSK 200/1000	(AB-J)
F06	14459	11-3	0620	Wed	Russian diplo/intel. Two messages. Headers: 11166 40122 14523 07077 02749 and 11166 40122 35689 07078 03029	FSK 200/1000	(AB-J)
F06	12153	11-3	0700	Wed	Russian diplo/intel. Header: 11166 70202 38769 10023 02599	FSK 200/1000	(AB)
F06	10671	11-3	0710	Wed	Russian diplo/intel. Header: 11166 70202 38769 10023 02599	FSK 200/1000	(AB)
F06	8091	11-3	0720	Wed	Russian diplo/intel. Header: 11166 70202 38769 10023 02599	FSK 200/1000	(AB)
F06	18969	11-3	0900	Wed	Russian diplo/intel. Header: 11166 00052 53971 11056 01409	FSK 200/1000	(AB-RUS)
F06	16358	11-3	0910	Wed	Russian diplo/intel. Header: 11166 00052 53971 11056 01409	FSK 200/1000	(AB)
F06	14713	11-3	0920	Wed	Russian diplo/intel. Header: 11166 00052 53971 11056 01409	FSK 200/1000	(AB)
F06	13526	11-3	1200	Wed	Russian diplo/intel. Header: 11166 70202 38769 10023 02599	FSK 200/1000	(AB)
F06	11428	11-3	1210	Wed	Russian diplo/intel. Header: 11166 70202 38769 10023 02599	FSK 200/1000	(AB)
F06	8026	11-3	1220	Wed	Russian diplo/intel. Header: 11166 70202 38769 10023 02599	FSK 200/1000	(AB)
F06	18189	12-3	0600	Thu	Russian diplo/intel. Two messages. Headers: 11166 40122 14523 07077 02749 and 11166 40122 35689 07078 03029	FSK 200/1000	(AB-J)
F06	16046	12-3	0610	Thu	Russian diplo/intel. Two messages. Headers: 11166 40122 14523 07077 02749 and 11166 40122 35689 07078 03029	FSK 200/1000	(AB-J)
F06	14459	12-3	0620	Thu	Russian diplo/intel. Two messages. Headers: 11166 40122 14523 07077 02749 and 11166 40122 35689 07078 03029	FSK 200/1000	(AB-J)

F06	12153	12-3	0700	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 35197 11024 02419 and 11166 70202 35429 11025 02059	FSK 200/1000	(AB)
F06	10671	12-3	0710	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 35197 11024 02419 and 11166 70202 35429 11025 02059	FSK 200/1000	(AB)
F06	8091	12-3	0720	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 35197 11024 02419 and 11166 70202 35429 11025 02059	FSK 200/1000	(AB)
F06	10328	12-3	0800	Thu	Russian diplo/intel. 11166 70048 36987 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9420	12-3	0810	Thu	Russian diplo/intel. 11166 70048 36987 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7656	12-3	0820	Thu	Russian diplo/intel. 11166 70048 36987 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	18969	12-3	0900	Thu	Russian diplo/intel. Header: 11166 00052 53971 11056 01409	FSK 200/1000	(AB-RUS)
F06	16358	12-3	0910	Thu	Russian diplo/intel. Header: 11166 00052 53971 11056 01409	FSK 200/1000	(AB)
F06	14713	12-3	0920	Thu	Russian diplo/intel. Header: 11166 00052 53971 11056 01409	FSK 200/1000	(AB)
F06	13526	12-3	1200	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 35197 11024 02419 and 11166 70202 35429 11025 02059	FSK 200/1000	(AB)
F06	11428	12-3	1210	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 35197 11024 02419 and 11166 70202 35429 11025 02059	FSK 200/1000	(AB)
F06	8026	12-3	1220	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 35197 11024 02419 and 11166 70202 35429 11025 02059	FSK 200/1000	(AB)
F06	16054	12-3	1330	Thu	Russian diplo/intel. 11166 80214 78214 12078 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13471	12-3	1340	Thu	Russian diplo/intel. 11166 80214 78214 12078 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11162	12-3	1350	Thu	Russian diplo/intel. 11166 80214 78214 12078 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12153	13-3	0700	Fri	Russian diplo/intel. 11166 70202 91358 13064 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10671	13-3	0710	Fri	Russian diplo/intel. 11166 70202 91358 13064 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8091	13-3	0720	Fri	Russian diplo/intel. 11166 70202 91358 13064 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16245	15-3	1530	Sun	Russian diplo/intel. 11166 10053 17935 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14356	15-3	1540	Sun	Russian diplo/intel. 11166 10053 17935 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12138	15-3	1550	Sun	Russian diplo/intel. 11166 10053 17935 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9174	16-3	0500	Mon	Russian diplo/intel. 11166 70059 17935 16173 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7384	16-3	0510	Mon	Russian diplo/intel. 11166 70059 17935 16173 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5148	16-3	0520	Mon	Russian diplo/intel. 11166 70059 17935 16173 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12153	16-3	0700	Mon	Russian diplo/intel. Header: 11166 70202 64231 13026 02739	FSK 200/1000	(AB)
F06	10671	16-3	0710	Mon	Russian diplo/intel. Header: 11166 70202 64231 13026 02739	FSK 200/1000	(AB)
F06	8091	16-3	0720	Mon	Russian diplo/intel. Header: 11166 70202 64231 13026 02739	FSK 200/1000	(AB)
F06	13526	16-3	1200	Mon	Russian diplo/intel. Header: 11166 70202 64231 13026 02739	FSK 200/1000	(AB)
F06	11428	16-3	1210	Mon	Russian diplo/intel. Header: 11166 70202 64231 13026 02739	FSK 200/1000	(AB)
F06	8026	16-3	1220	Mon	Russian diplo/intel. Header: 11166 70202 64231 13026 02739	FSK 200/1000	(AB)
F06	7926	17-3	0030	Tue	Russian diplo/intel. 11166 60070 96541 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6796	17-3	0040	Tue	Russian diplo/intel. 11166 60070 96541 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5285	17-3	0050	Tue	Russian diplo/intel. 11166 60070 96541 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

F06	12153	17-3	0700	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 13589 16027 01879 and 11166 70202 56981 16028 02079	FSK 200/1000	(AB)
F06	10671	17-3	0710	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 13589 16027 01879 and 11166 70202 56981 16028 02079	FSK 200/1000	(AB)
F06	8091	17-3	0720	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 13589 16027 01879 and 11166 70202 56981 16028 02079	FSK 200/1000	(AB)
F06	13526	17-3	1200	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 13589 16027 01879 and 11166 70202 56981 16028 02079	FSK 200/1000	(AB)
F06	11428	17-3	1210	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 13589 16027 01879 and 11166 70202 56981 16028 02079	FSK 200/1000	(AB)
F06	8026	17-3	1220	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 13589 16027 01879 and 11166 70202 56981 16028 02079	FSK 200/1000	(AB)
F06	16359	17-3	1650	Tue	Russian diplo/intel. 11166 10053 49127 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	13986	17-3	1700	Tue	Russian diplo/intel. 11166 10053 49127 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	11523	17-3	1710	Tue	Russian diplo/intel. 11166 10053 49127 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	18189	18-3	0600	Wed	Russian diplo/intel. 11166 40122 52361 18069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	16046	18-3	0610	Wed	Russian diplo/intel. 11166 40122 52361 18069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	14459	18-3	0620	Wed	Russian diplo/intel. 11166 40122 52361 18069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	12153	18-3	0700	Wed	Russian diplo/intel. Header: 11166 70202 87341 17029 02219	FSK 200/1000	(AB)
F06	10671	18-3	0710	Wed	Russian diplo/intel. Header: 11166 70202 87341 17029 02219	FSK 200/1000	(AB)
F06	8091	18-3	0720	Wed	Russian diplo/intel. Header: 11166 70202 87341 17029 02219	FSK 200/1000	(AB)
F06	13526	18-3	1200	Wed	Russian diplo/intel. Header: 11166 70202 87341 17029 02219	FSK 200/1000	(AB)
F06	11428	18-3	1210	Wed	Russian diplo/intel. Header: 11166 70202 87341 17029 02219	FSK 200/1000	(AB)
F06	8026	18-3	1220	Wed	Russian diplo/intel. Header: 11166 70202 87341 17029 02219	FSK 200/1000	(AB)
F06	12153	19-3	0700	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 86972 18030 01899 and 11166 70202 18967 18031 02199	FSK 200/1000	(AB)
F06	10671	19-3	0710	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 86972 18030 01899 and 11166 70202 18967 18031 02199	FSK 200/1000	(AB)
F06	8091	19-3	0720	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 86972 18030 01899 and 11166 70202 18967 18031 02199	FSK 200/1000	(AB)
F06	10328	19-3	0800	Thu	Russian diplo/intel. 11166 70048 14789 19016 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9420	19-3	0810	Thu	Russian diplo/intel. 11166 70048 14789 19016 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7656	19-3	0820	Thu	Russian diplo/intel. 11166 70048 14789 19016 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13526	19-3	1200	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 86972 18030 01899 and 11166 70202 18967 18031 02199	FSK 200/1000	(AB)
F06	11428	19-3	1210	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 86972 18030 01899 and 11166 70202 18967 18031 02199	FSK 200/1000	(AB)
F06	8026	19-3	1220	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 86972 18030 01899 and 11166 70202 18967 18031 02199	FSK 200/1000	(AB)

F06	16054	19-3	1330	Thu	Russian diplo/intel. 11166 80214 15648 19054 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13471	19-3	1340	Thu	Russian diplo/intel. 11166 80214 15648 19054 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11162	19-3	1350	Thu	Russian diplo/intel. 11166 80214 15648 19054 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12153	20-3	0700	Fri	Russian diplo/intel. 11166 70202 91358 20065 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10671	20-3	0710	Fri	Russian diplo/intel. 11166 70202 91358 20065 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8091	20-3	0720	Fri	Russian diplo/intel. 11166 70202 91358 20065 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16245	22-3	1530	Sun	Russian diplo/intel. 11166 10053 78451 22001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14356	22-3	1540	Sun	Russian diplo/intel. 11166 10053 78451 22001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12138	22-3	1550	Sun	Russian diplo/intel. 11166 10053 78451 22001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12153	23-3	0700	Mon	Russian diplo/intel. Header: 11166 70202 35796 20032 02359	FSK 200/1000	(AB)
F06	10671	23-3	0710	Mon	Russian diplo/intel. Header: 11166 70202 35796 20032 02359	FSK 200/1000	(AB)
F06	8091	23-3	0720	Mon	Russian diplo/intel. Header: 11166 70202 35796 20032 02359	FSK 200/1000	(AB)
F06	13526	23-3	1200	Mon	Russian diplo/intel. Header: 11166 70202 35796 20032 02359	FSK 200/1000	(AB)
F06	11428	23-3	1210	Mon	Russian diplo/intel. Header: 11166 70202 35796 20032 02359	FSK 200/1000	(AB)
F06	8026	23-3	1220	Mon	Russian diplo/intel. Header: 11166 70202 35796 20032 02359	FSK 200/1000	(AB)
F06	7926	24-3	0030	Tue	Russian diplo/intel. 11166 60070 14789 24075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6796	24-3	0040	Tue	Russian diplo/intel. 11166 60070 14789 24075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5285	24-3	0050	Tue	Russian diplo/intel. 11166 60070 14789 24075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12153	24-3	0700	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 35178 23033 01919 and 11166 70202 15297 23034 02179	FSK 200/1000	(AB)
F06	10671	24-3	0710	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 35178 23033 01919 and 11166 70202 15297 23034 02179	FSK 200/1000	(AB)
F06	8091	24-3	0720	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 35178 23033 01919 and 11166 70202 15297 23034 02179	FSK 200/1000	(AB)
F06	13526	24-3	1200	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 35178 23033 01919 and 11166 70202 15297 23034 02179	FSK 200/1000	(AB/MPJ-HOL)
F06	11428	24-3	1210	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 35178 23033 01919 and 11166 70202 15297 23034 02179	FSK 200/1000	(AB/MPJ-HOL)
F06	8026	24-3	1220	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 35178 23033 01919 and 11166 70202 15297 23034 02179	FSK 200/1000	(AB/MPJ-HOL)
F06	16359	24-3	1650	Tue	Russian diplo/intel. 11166 10053 13579 24071 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13986	24-3	1700	Tue	Russian diplo/intel. 11166 10053 13579 24071 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11523	24-3	1710	Tue	Russian diplo/intel. 11166 10053 13579 24071 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	18189	25-3	0600	Wed	Russian diplo/intel. 11166 40122 78451 21079 04269	FSK 200/1000	(AB-J)
F06	16046	25-3	0610	Wed	Russian diplo/intel. 11166 40122 78451 21079 04269	FSK 200/1000	(AB-J)
F06	14459	25-3	0620	Wed	Russian diplo/intel. 11166 40122 78451 21079 04269	FSK 200/1000	(AB-J)
F06	12153	25-3	0700	Wed	Russian diplo/intel. Header: 11166 70202 54261 24035 02299	FSK 200/1000	(AB)
F06	10671	25-3	0710	Wed	Russian diplo/intel. Header: 11166 70202 54261 24035 02299	FSK 200/1000	(AB)
F06	8091	25-3	0720	Wed	Russian diplo/intel. Header: 11166 70202 54261 24035 02299	FSK 200/1000	(AB)

F06	18969	25-3	0900	Wed	Russian diplo/intel. Header: 11166 00052 71645 25057 01859	FSK 200/1000	(AB-RUS)
F06	16358	25-3	0910	Wed	Russian diplo/intel. Header: 11166 00052 71645 25057 01859	FSK 200/1000	(AB)
F06	14713	25-3	0920	Wed	Russian diplo/intel. Header: 11166 00052 71645 25057 01859	FSK 200/1000	(AB)
F06	13526	25-3	1200	Wed	Russian diplo/intel. Header: 11166 70202 54261 24035 02299	FSK 200/1000	(AB)
F06	11428	25-3	1210	Wed	Russian diplo/intel. Header: 11166 70202 54261 24035 02299	FSK 200/1000	(AB)
F06	8026	25-3	1220	Wed	Russian diplo/intel. Header: 11166 70202 54261 24035 02299	FSK 200/1000	(AB)
F06	18189	26-3	0600	Thu	Russian diplo/intel. 11166 40122 78451 21079 04269	FSK 200/1000	(AB-J)
F06	16046	26-3	0610	Thu	Russian diplo/intel. 11166 40122 78451 21079 04269	FSK 200/1000	(AB-J)
F06	14459	26-3	0620	Thu	Russian diplo/intel. 11166 40122 78451 21079 04269	FSK 200/1000	(AB-J)
F06	12153	26-3	0700	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 75249 25036 01799 and 11166 70202 23491 25037 02619	FSK 200/1000	(AB)
F06	10671	26-3	0710	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 75249 25036 01799 and 11166 70202 23491 25037 02619	FSK 200/1000	(AB)
F06	8091	26-3	0720	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 75249 25036 01799 and 11166 70202 23491 25037 02619	FSK 200/1000	(AB)
F06	10328	26-3	0800	Thu	Russian diplo/intel. 11166 70048 45628 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9420	26-3	0810	Thu	Russian diplo/intel. 11166 70048 45628 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7656	26-3	0820	Thu	Russian diplo/intel. 11166 70048 45628 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	18969	26-3	0900	Thu	Russian diplo/intel. Header: 11166 00052 71645 25057 01859	FSK 200/1000	(AB-RUS)
F06	16358	26-3	0910	Thu	Russian diplo/intel. Header: 11166 00052 71645 25057 01859	FSK 200/1000	(AB)
F06	14713	26-3	0920	Thu	Russian diplo/intel. Header: 11166 00052 71645 25057 01859	FSK 200/1000	(AB)
F06	13526	26-3	1200	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 75249 25036 01799 and 11166 70202 23491 25037 02619	FSK 200/1000	(AB/MPJ)
F06	11428	26-3	1210	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 75249 25036 01799 and 11166 70202 23491 25037 02619	FSK 200/1000	(AB/MPJ)
F06	8026	26-3	1220	Thu	Russian diplo/intel. Two messages. Headers: 11166 70202 75249 25036 01799 and 11166 70202 23491 25037 02619	FSK 200/1000	(AB/MPJ)
F06	16054	26-3	1330	Thu	Russian diplo/intel. 11166 80214 15648 26059 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13471	26-3	1340	Thu	Russian diplo/intel. 11166 80214 15648 26059 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11162	26-3	1350	Thu	Russian diplo/intel. 11166 80214 15648 26059 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12153	27-3	0700	Fri	Russian diplo/intel. 11166 70202 15987 27038 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10671	27-3	0710	Fri	Russian diplo/intel. 11166 70202 15987 27038 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8091	27-3	0720	Fri	Russian diplo/intel. 11166 70202 15987 27038 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16245	29-3	1530	Sun	Russian diplo/intel. 11166 10053 52369 29001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14356	29-3	1540	Sun	Russian diplo/intel. 11166 10053 52369 29001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12138	29-3	1550	Sun	Russian diplo/intel. 11166 10053 52369 29001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12153	30-3	0700	Mon	Russian diplo/intel. Header: 11166 70202 38796 27038 02659	FSK 200/1000	(AB)
F06	10671	30-3	0710	Mon	Russian diplo/intel. Header: 11166 70202 38796 27038 02659	FSK 200/1000	(AB)
F06	8091	30-3	0720	Mon	Russian diplo/intel. Header: 11166 70202 38796 27038 02659	FSK 200/1000	(AB)

F06	13526	30-3	1200	Mon	Russian diplo/intel. Header: 11166 70202 38796 27038 02659	FSK 200/1000	(AB)
F06	11428	30-3	1210	Mon	Russian diplo/intel. Header: 11166 70202 38796 27038 02659	FSK 200/1000	(AB)
F06	8026	30-3	1220	Mon	Russian diplo/intel. Header: 11166 70202 38796 27038 02659	FSK 200/1000	(AB)
F06	7926	31-3	0030	Tue	Russian diplo/intel. 11166 60070 97531 31075 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL)
F06	6796	31-3	0040	Tue	Russian diplo/intel. 11166 60070 97531 31075 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL)
F06	5285	31-3	0050	Tue	Russian diplo/intel. 11166 60070 97531 31075 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL)
F06	12153	31-3	0700	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 14785 31039 01899 and 11166 70202 36985 31040 01679	FSK 200/1000	(AB)
F06	10671	31-3	0710	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 14785 31039 01899 and 11166 70202 36985 31040 01679	FSK 200/1000	(AB)
F06	8091	31-3	0720	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 14785 31039 01899 and 11166 70202 36985 31040 01679	FSK 200/1000	(AB)
F06	13526	31-3	1200	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 14785 31039 01899 and 11166 70202 36985 31040 01679	FSK 200/1000	(AB)
F06	11428	31-3	1210	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 14785 31039 01899 and 11166 70202 36985 31040 01679	FSK 200/1000	(AB)
F06	8026	31-3	1220	Tue	Russian diplo/intel. Two messages. Headers: 11166 70202 14785 31039 01899 and 11166 70202 36985 31040 01679	FSK 200/1000	(AB)
F06	16359	31-3	1650	Tue	Russian diplo/intel. 11166 10053 17935 31163 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	13986	31-3	1700	Tue	Russian diplo/intel. 11166 10053 17935 31163 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11523	31-3	1710	Tue	Russian diplo/intel. 11166 10053 17935 31163 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06a	19325	1-3	1500	Sun	Russian diplo/intel. File 04405, 864 bytes	FSK 200/1000	(AB-RUS)
F06a	17513	1-3	1515	Sun	Russian diplo/intel. File 04405, 864 bytes	FSK 200/1000	(AB-RUS)
F06a	15766	1-3	1530	Sun	Russian diplo/intel. File 04405, 864 bytes	FSK 200/1000	(AB-RUS)
F06a	18189	4-3	0600	Wed	Russian diplo/intel. File 40122-1.TXT Header: 11166 40122 52874 29076 03439	FSK 200/1000	(AB-J)
F06a	16046	4-3	0610	Wed	Russian diplo/intel. File 40122-1.TXT Header: 11166 40122 52874 29076 03439	FSK 200/1000	(AB-J)
F06a	14459	4-3	0620	Wed	Russian diplo/intel. File 40122-1.TXT Header: 11166 40122 52874 29076 03439	FSK 200/1000	(AB-KOR)
F06a	18189	5-3	0600	Thu	Russian diplo/intel. File 40122-1.TXT Header: 11166 40122 52874 29076 03439	FSK 200/1000	(AB-J)
F06a	16046	5-3	0610	Thu	Russian diplo/intel. File 40122-1.TXT Header: 11166 40122 52874 29076 03439	FSK 200/1000	(AB-J)
F06a	14459	5-3	0620	Thu	Russian diplo/intel. File 40122-1.TXT Header: 11166 40122 52874 29076 03439	FSK 200/1000	(AB-KOR)
F06a	6895	6-3	0500	Fri	Russian diplo/intel. File 44411 (464 bytes)	FSK 200/1000	(AB)
F06a	5813	6-3	0515	Fri	Russian diplo/intel. File 44411 (464 bytes)	FSK 200/1000	(AB)
F06a	4799	6-3	0530	Fri	Russian diplo/intel. File 44411 (464 bytes)	FSK 200/1000	(AB)
F06a	20440	7-3	1500	Sat	Russian diplo/intel. File 04406 (1056 bytes)	FSK 200/1000	(AB-RUS)
F06a	18726	7-3	1515	Sat	Russian diplo/intel. File 04406 (1056 bytes)	FSK 200/1000	(AB-RUS)
F06a	16139	7-3	1530	Sat	Russian diplo/intel. File 04406 (1056 bytes)	FSK 200/1000	(AB-RUS)
F06a	20440	8-3	1500	Sun	Russian diplo/intel. File 04406 (1056 bytes)	FSK 200/1000	(AB-RUS)
F06a	18726	8-3	1515	Sun	Russian diplo/intel. File 04406 (1056 bytes)	FSK 200/1000	(AB-RUS)
F06a	16139	8-3	1530	Sun	Russian diplo/intel. File 04406 (1056 bytes)	FSK 200/1000	(AB)

F06a	6895	12-3	0500	Thu	Russian diplo/intel. File 44412 (1344 bytes)	FSK 200/1000	(AB)
F06a	5813	12-3	0515	Thu	Russian diplo/intel. File 44412 (1344 bytes)	FSK 200/1000	(AB)
F06a	4799	12-3	0530	Thu	Russian diplo/intel. File 44412 (1344 bytes)	FSK 200/1000	(AB)
F06a	6895	13-3	0500	Fri	Russian diplo/intel. File 44412 (1344 bytes)	FSK 200/1000	(AB)
F06a	5813	13-3	0515	Fri	Russian diplo/intel. File 44412 (1344 bytes)	FSK 200/1000	(AB)
F06a	4799	13-3	0530	Fri	Russian diplo/intel. File 44412 (1344 bytes)	FSK 200/1000	(AB)
F06a	20440	14-3	1500	Sat	Russian diplo/intel. File 04407 (848 bytes)	FSK 200/1000	(AB-RUS)
F06a	18726	14-3	1515	Sat	Russian diplo/intel. File 04407 (848 bytes)	FSK 200/1000	(AB-RUS)
F06a	16139	14-3	1530	Sat	Russian diplo/intel. File 04407 (848 bytes)	FSK 200/1000	(AB-RUS)
F06a	20440	15-3	1500	Sun	Russian diplo/intel. File 04407 (848 bytes)	FSK 200/1000	(AB-RUS)
F06a	18726	15-3	1515	Sun	Russian diplo/intel. File 04407 (848 bytes)	FSK 200/1000	(AB-RUS)
F06a	16139	15-3	1530	Sun	Russian diplo/intel. File 04407 (848 bytes)	FSK 200/1000	(AB)
F06a	6895	19-3	0500	Thu	Russian diplo/intel. File 44413 (1296 bytes)	FSK 200/1000	(AB)
F06a	5813	19-3	0515	Thu	Russian diplo/intel. File 44413 (1296 bytes)	FSK 200/1000	(AB)
F06a	4799	19-3	0530	Thu	Russian diplo/intel. File 44413 (1296 bytes)	FSK 200/1000	(AB)
F06a	6895	20-3	0500	Fri	Russian diplo/intel. File 44413 (1296 bytes)	FSK 200/1000	(AB)
F06a	5813	20-3	0515	Fri	Russian diplo/intel. File 44413 (1296 bytes)	FSK 200/1000	(AB)
F06a	4799	20-3	0530	Fri	Russian diplo/intel. File 44413 (1296 bytes)	FSK 200/1000	(AB)
F06a	20440	21-3	1500	Sat	Russian diplo/intel. File 04408 (960 bytes)	FSK 200/1000	(AB-RUS)
F06a	18726	21-3	1515	Sat	Russian diplo/intel. File 04408 (960 bytes)	FSK 200/1000	(AB-RUS)
F06a	16139	21-3	1530	Sat	Russian diplo/intel. File 04408 (960 bytes)	FSK 200/1000	(AB-RUS)
F06a	20440	22-3	1500	Sun	Russian diplo/intel. File 04408 (960 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	18726	22-3	1515	Sun	Russian diplo/intel. File 04408 (960 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	16139	22-3	1530	Sun	Russian diplo/intel. File 04408 (960 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	6895	26-3	0500	Thu	Russian diplo/intel. File 44414 (1632 bytes)	FSK 200/1000	(AB)
F06a	5813	26-3	0515	Thu	Russian diplo/intel. File 44414 (1632 bytes)	FSK 200/1000	(AB)
F06a	4799	26-3	0530	Thu	Russian diplo/intel. File 44414 (1632 bytes)	FSK 200/1000	(AB)
F06a	6895	27-3	0500	Fri	Russian diplo/intel. File 44414 (1632 bytes)	FSK 200/1000	(AB)
F06a	5813	27-3	0515	Fri	Russian diplo/intel. File 44414 (1632 bytes)	FSK 200/1000	(AB)
F06a	4799	27-3	0530	Fri	Russian diplo/intel. File 44414 (1632 bytes)	FSK 200/1000	(AB)
F06a	20440	28-3	1500	Sat	Russian diplo/intel. File 04409 (1024 bytes)	FSK 200/1000	(AB-RUS)
F06a	18726	28-3	1515	Sat	Russian diplo/intel. File 04409 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	16139	28-3	1530	Sat	Russian diplo/intel. File 04409 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	20440	29-3	1500	Sun	Russian diplo/intel. File 04409 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	18726	29-3	1515	Sun	Russian diplo/intel. File 04409 (1024 bytes)	FSK 200/1000	(AB-RUS/RL/MPJ)
F06a	16139	29-3	1530	Sun	Russian diplo/intel. File 04409 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
G06	5938	12-3	1833	Thu	i.p.	USB	(HFD-ROU)
G06	5442	13-3	1930	Fri	947 901 44 11532 37505 68553 78912 ... 78203 80329 38780 901 44 00000 Windows XP shut-down sound	USB	(AB/MPJ/HFD)

G06	5442	27-3	1920	Fri	111 111 111 00000	USB	(AB)
G06	5442	27-3	1930	Fri	947 580 44 31532 37905 68553 ... 78203 80329 38780 580 44 00000 Windows XP shutdown sound	USB	(AB)
HM01	9240	1-3	0900	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	11435	1-3	1600	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	11435	1-3	1600	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	9330	2-3	0700	Mon	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9065	2-3	0800	Mon	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	11435	2-3	1600	Mon	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	11635	2-3	2100	Mon	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	10715	2-3	2200	Mon	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	11435	3-3	1600	Tue	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	16180	3-3	2100	Tue	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	17480	3-3	2200	Tue	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9240	4-3	0900	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	11435	4-3	1600	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	11635	4-3	2100	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	10715	4-3	2200	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	11435	5-3	1600	Thu	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	11435	5-3	1600	Thu	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	9330	6-3	0700	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9065	6-3	0800	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	11635	6-3	2100	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	10715	6-3	2200	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	11435	7-3	1630	Sat	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	9065	8-3	0800	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9240	8-3	0900	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9155	8-3	1000	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	11435	8-3	1630	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	10715	8-3	2200	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9065	9-3	0800	Mon	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9155	9-3	1000	Mon	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	11435	9-3	1600	Mon	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	11435	10-3	1630	Tue	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	16180	10-3	2100	Tue	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(Dan)
HM01	9330	11-3	0700	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9240	11-3	0900	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9240	11-3	1000	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb). Should be on 9155 kHz	AM/RDFT	(AB)
HM01	11435	11-3	1630	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)

HM01	11635	11-3	2100	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	11435	12-3	1600	Thu	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	9330	13-3	0700	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9065	13-3	0800	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	11435	13-3	1600	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	11530	13-3	1700	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	11635	13-3	2100	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	10715	13-3	2200	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	11435	14-3	1600	Sat	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	9330	15-3	0700	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9065	15-3	0800	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9240	15-3	0900	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9155	15-3	1000	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	11435	15-3	1600	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	9065	16-3	0800	Mon	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9240	16-3	0900	Mon	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9155	16-3	1000	Mon	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	11530	16-3	1700	Mon	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	11635	16-3	2100	Mon	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	10715	16-3	2200	Mon	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	11435	17-3	1630	Tue	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	16180	17-3	2100	Tue	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	16180	17-3	2200	Tue	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb). Should be on 17480 kHz. Switched at 2205 UTC	AM/RDFT	(RL)
HM01	17480	17-3	2205	Tue	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb). Came from 16180 kHz	AM/RDFT	(RL)
HM01	9330	18-3	0700	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9065	18-3	0800	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9065	18-3	0900	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb). Should be on 9240 kHz. Switched at 1916z	AM/RDFT	(AB)
HM01	9240	18-3	0916	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb). Comes from 9065 kHz	AM/RDFT	(AB)
HM01	9240	18-3	0936	Wed	i.p. 53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	9155	18-3	1000	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB/RL)
HM01	11435	18-3	1600	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	10715	18-3	2200	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	11435	19-3	1600	Thu	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	16180	19-3	2100	Thu	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	17480	19-3	2200	Thu	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	9330	20-3	0700	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9065	20-3	0800	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)

HM01	9240	20-3	0900	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9155	20-3	1000	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	11435	20-3	1600	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	11635	20-3	2100	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	10715	20-3	2200	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	11435	21-3	1600	Sat	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	17480	21-3	2100	Sat	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	10345	22-3	0600	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9330	22-3	0700	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9065	22-3	0800	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9240	22-3	0900	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9155	22-3	1000	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	11435	22-3	1600	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	10715	22-3	2200	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(Dan)
HM01	11435	23-3	1600	Mon	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	11635	23-3	2100	Mon	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	10715	23-3	2200	Mon	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	11435	24-3	1630	Tue	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	16180	24-3	2100	Tue	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	17480	24-3	2200	Tue	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	17480	24-3	2200	Tue	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(Dan)
HM01	9330	25-3	0700	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9065	25-3	0800	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9240	25-3	0900	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9155	25-3	1000	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB/RL)
HM01	11435	25-3	1630	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	11635	25-3	2100	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	10715	25-3	2200	Wed	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL/Dan)
HM01	11435	26-3	1630	Thu	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	16180	26-3	2100	Thu	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	17480	26-3	2200	Thu	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	9330	27-3	0700	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9240	27-3	0900	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	11435	27-3	1630	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	11635	27-3	2100	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	10715	27-3	2200	Fri	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	11435	28-3	1600	Sat	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	9065	29-3	0800	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	9240	29-3	0900	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)

HM01	9155	29-3	1000	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	11435	29-3	1600	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	11635	29-3	2100	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	10715	29-3	2200	Sun	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	11435	30-3	1600	Mon	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	11635	30-3	2100	Mon	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	10715	30-3	2200	Mon	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	11435	31-3	1630	Tue	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	17480	31-3	2200	Tue	53574 75408 42577 06684 25545 85154 (repeat of 21 Feb)	AM/RDFT	(RL)
M01	6510	1-3	0700	Sun	463 237 237 30 30 = = 97209 10804 64357 ... 62270 89130 61230 = = 237 237 30 30 000	CW	(AB/ES)
M01	5475	3-3	1803	Tue	Late start. 463 603 603 = 30 30 = = 91051 37303 50866 ... 93284 93446 39867 = = 603 603 = 30 30 000	CW	(AB)
M01	5020	3-3	2000	Tue	463 574 574 = 30 30 = = 00167 15720 01468 ... 23130 64530 99276 = = 574 574 = 30 30 000	CW	(AB)
M01	5475	5-3	1800	Thu	463 721 721 30 30 = = 58297 38351 14777 ... 35184 34468 346 5627 6217 4137 47137 = = 721 721 30 30 000	CW	(AB/MPJ)
M01	5020	5-3	2000	Thu	463 732 732 30 30 / 97964 08342 96521 ... 48293 8466 86 52086 732 732 30 30 000	CW	(AB)
M01	6260	7-3	1500	Sat	463 303 303 = 30 30 = = 11360 48446 84145 ... 31069 40145 83751 = = 303 303 = 30 30 000	CW	(AB/HFD/ES)
M01	6510	8-3	0704	Sun	Late start. 463 926 926 30 30 = = 14281 11724 11904 ... 60127 28283 48223 = = 926 926 30 30 000	CW	(AB/ES)
M01	5475	10-3	1800	Tue	463 229 229 30 30 = = 64501 80821 92849 ... 55392 89035 20910 = = 229 229 30 30 000	CW	(AB/HFD)
M01	5020	10-3	2000	Tue	463 382 382 30 30 = = 87533 38238 84699 ... 33601 19408 91603 382 382 30 30 000	CW	(AB/MPJ)
M01	5475	12-3	1800	Thu	463 239 239 30 30 = = 17210 65671 27946 ... 08724 31697 32421 239 239 30 30 000	CW	(AB)
M01	5020	12-3	2000	Thu	463 723 723 30 30 = = 00883 40811 78422 ... 86138 73311 95264 4 = 723 723 39 EEEEEEEE 723 723 30 30 000	CW	(AB/HFD)
M01	6260	14-3	1500	Sat	463 692 692 30 30 = = 61407 07179 86144 ... 74289 35775 55303 = = 692 692 30 30 000	CW	(AB/ES)
M01	6510	15-3	0657	Sun	VVV	CW	(AB)
M01	6510	15-3	0704	Sun	463 808 808 30 30 = = 31353 56883 65346 ... 20226 77150 05841 = = 808 808 30 30 000	CW	(AB/ES)
M01	5475	17-3	1800	Tue	463 412 412 30 30 = = 24941 09573 10514 ... 52130 52130 73860 = = 412 412 30 30 000	CW	(AB)
M01	5020	17-3	2000	Tue	463 481 481 30 30 = = 98031 65076 74442 ... 57645 43232 77846 = = 481 481 30 30 000	CW	(AB/MPJ)
M01	5475	19-3	1800	Thu	463 775 775 30 30 = = 14958 83861 18575 ... 80485 04495 57132 = = 775 775 30 30 000	CW	(AB)
M01	5020	19-3	2000	Thu	463 406 406 30 30 = = 68689 42571 13347 ... 67749 34294 13306 = = 406 406 30 30 000	CW	(AB)
M01	6260	21-3	1500	Sat	463 117 117 30 30 = = 51085 12170 29046 ... 95182 48886 4888 0931 = = 117 117 30 30 000	CW	(AB/ES)
M01	6260	21-3	1500	Sat	463 247 247 = 30 30 = 50525 81837 83812 ... 53175 69176 08066 = = 247 247 = 30 30 000	CW	(AB)
M01	6510	22-3	0700	Sun	463 119 119 30 30 = = 53646 96097 26479 ... 08079 67351 49236 = = 119 119 30 30 000	CW	(AB/HFD/ES)
M01	5475	24-3	1800	Tue	463 241 241 30 30 = = 38220 32802 12074 ... 10739 37223 49160 = = 241 241 30 30 000	CW	(AB)
M01	5020	24-3	2000	Tue	463 727 727 30 30 = = 50488 87142 20717 ... 24109 48834 06322 = = 727 727 30 30 000	CW	(AB/MPJ)
M01	5475	26-3	1800	Thu	463 145 145 30 30 = = 83015 75501 38538 ... 11763 12090 68616 = = 145 145 30 30 000	CW	(AB/ES)
M01	5020	26-3	2000	Thu	463 352 352 30 30 = = = 35140 69763 35897 ... 10256 102356 89508 = = 352 352 30 30 000	CW	(AB)
M01	6510	29-3	0654	Sun	VVV	CW	(AB)

M01	6510	29-3	0700	Sun	463 371 371 30 30 == 47019 59799 87350 ... 42557 55966 84512 == 371 371 30 30 000 Error in group 17. Only 29 groups sent	CW	(AB)
M01	5475	31-3	1800	Tue	463 549 30 549 30 == 69857 76589 47638 ... 02647 46377 19824 == 549 549 30 30 000	CW	(AB/MPJ)
M01	5020	31-3	2000	Tue	463 129 129 30 30 == 88790 46287 46109 ... 72918 47638 98376 == 129 129 30 30 000	CW	(AB)
M01a	5306	12-3	0936	Thu	783 783 783 68391 68391	CW	(F5JBR)
M01a	6861	12-3	1031	Thu	877 877 877 29809 29809 111 000	CW	(F5JBR)
M01a	5424	13-3	0936	Fri	333 91392 333 843 843 843 333 90394 90394 843 843 843 333 94903 94903 111 333 96594 96594 111 111 000	CW	(F5JBR)
M01a	6916	16-3	0930	Mon	125 125 125 62621 62621	CW	(F5JBR)
M01a	6767	16-3	0933	Mon	125 125 125 95255 95255 125 125 125 95046 95046	CW	(F5JBR)
M01a	6852	16-3	0948	Mon	134 134 134 69204 69204 134 134 134 60300 60300 134 134 134 69204 69204	CW	(F5JBR)
M01a	4049	17-3	0720	Tue	523 523 523 91916 91916 523 523 523 12236 12236	CW	(F5JBR)
M01a	5854	17-3	0745	Tue	892 892 832 96516 96516 832 832 832 6 6	CW	(F5JBR)
M01a	4961	17-3	0924	Tue	732 732 732 65403 65403 333 65203 333 66723 333 66723 333 66823 333 66823 333 66023 333 66023 333 65563 333 65563 111 111 333 65363 333 65363	CW	(F5JBR)
M01a	4049	17-3	0947	Tue	523 523 523 12247 12247 111 000	CW	(F5JBR)
M01a	6892	17-3	1000	Tue	231 231 231 49835 49835 231 231 231 48431 48431	CW	(F5JBR)
M01a	4824	17-3	1426	Tue	111 999 298 10 = 45407 94534 89797 40521 34894 06121 46545 89845 65804 65679 = 298 10 111 4005 21 06121 111 = 34894 111 000	CW	(F5JBR)
M01a	4050	17-3	1525	Tue	427 427 427 16589 16589 427 427 427 15285 15285 427 000	CW	(F5JBR)
M01a	4681	17-3	1902	Tue	830 830 830 45808 45808 000	CW	(F5JBR)
M01a	3335	18-3	0645	Wed	672 672 672 25891 25891	CW	(F5JBR)
M01a	8111	19-3	0638	Thu	536 536 536 57478 47478	CW	(F5JBR)
M01a	9340	19-3	0844	Thu	753 753 753 89342 89342 753 753 753 80732 80732	CW	(F5JBR)
M01a	9340	19-3	0918	Thu	753 753 753 645.. (x2)	CW	(F5JBR)
M01a	8111	26-3	0633	Thu	536 536 536 34572 34572	CW	(F5JBR)
M01a	9175	26-3	0711	Thu	146 146 146 42638 46238 146 146 146 47691 47691	CW	(F5JBR)
M01a	8078	26-3	0732	Thu	407 407 407 50624 50624	CW	(F5JBR)
M01a	5315	27-3	1022	Fri	923 923 923 45191 45191 111 999 613 40 = 40314 01118 41449 09383 42163 34520 111 111 44072 ...	CW	(F5JBR)
M01a	3794	27-3	1604	Fri	264 264 264 34220 34220 264 264 264 32960 32960	CW	(F5JBR)
M01a	3798	28-3	0709	Sat	424 424 424 76400 76400	CW	(F5JBR)
M01a	3117	29-3	0410	Sun	14423 14423 207 207 207 14148 14138	CW	(F5JBR)
M01a	9151	31-3	0721	Tue	297 297 297 43504 43504 297 297 297 46440 46440 000 29 000 29 = = 40141 61574 58621 ... 08843 39127 19809 = = 00029 00029 00000	CW	(F5JBR)
M01a	3870	31-3	0742	Tue	742 742 742 28070 28070 742 742 742 27708 27708 333 111 333 27246 27246 333 27246 27246 111 802 802 802 13666 13666	CW	(F5JBR)
M01b	4590	2-3	1910	Mon	420 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 = = 137 137 32 32 000 //3645 kHz	MCW	(AB)

M01b	3535	2-3	1910	Mon	420 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4590 kHz	MCW	(AB)
M01b	4455	2-3	2015	Mon	771 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3645 kHz	MCW	(AB/HFD)
M01b	3645	2-3	2015	Mon	771 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4455 kHz	MCW	(AB/HFD)
M01b	3510	5-3	1932	Thu	201 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4605 kHz	MCW	(AB/MPJ/HFD)
M01b	4605	5-3	1932	Thu	201 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3510 kHz	MCW	(AB/MPJ/HFD)
M01b	4570	5-3	2040	Thu	477 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3715 kHz	MCW	(AB)
M01b	3715	5-3	2040	Thu	477 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4570 kHz	MCW	(AB)
M01b	4940	6-3	2002	Fri	153 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3625 kHz	MCW	(AB/MPJ)
M01b	3625	6-3	2002	Fri	153 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4940 kHz	MCW	(AB/MPJ)
M01b	4585	6-3	2110	Fri	582 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3520 kHz	MCW	(AB/HFD)
M01b	3520	6-3	2110	Fri	582 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4585 kHz	MCW	(AB/HFD)
M01b	4590	9-3	1910	Mon	420 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3535 kHz	MCW	(AB)
M01b	3535	9-3	1910	Mon	420 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4590 kHz	MCW	(AB)
M01b	3645	9-3	2015	Mon	771 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4455 kHz	MCW	(AB)
M01b	4455	9-3	2015	Mon	771 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3645 kHz	MCW	(AB)
M01b	4605	12-3	1932	Thu	201 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3510 kHz	MCW	(AB/MPJ)
M01b	3510	12-3	1932	Thu	201 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4605 kHz	MCW	(AB/MPJ)
M01b	4570	12-3	2040	Thu	477 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3715 kHz	MCW	(AB)
M01b	3715	12-3	2040	Thu	477 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4570 kHz	MCW	(AB)
M01b	3625	13-3	2002	Fri	153 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4940 kHz	MCW	(AB/HFD)

M01b	4940	13-3	2002	Fri	153 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3625 kHz	MCW	(AB/HFD)
M01b	4585	13-3	2110	Fri	582 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3520 kHz	MCW	(AB)
M01b	3520	13-3	2110	Fri	582 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4585 kHz	MCW	(AB)
M01b	4590	16-3	1910	Mon	420 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3535 kHz	MCW	(AB/HFD)
M01b	3535	16-3	1910	Mon	420 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4590 kHz	MCW	(AB/HFD)
M01b	4455	16-3	2015	Mon	771 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3645 kHz	MCW	(AB)
M01b	3645	16-3	2015	Mon	771 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4455 kHz	MCW	(AB)
M01b	4605	19-3	1932	Thu	201 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3510 kHz	MCW	(AB)
M01b	3510	19-3	1932	Thu	201 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4605 kHz	MCW	(AB)
M01b	3715	19-3	2040	Thu	477 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4570 kHz	MCW	(AB/HFD)
M01b	4570	19-3	2040	Thu	477 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3715 kHz	MCW	(AB/HFD)
M01b	3625	20-3	2002	Fri	153 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4940 kHz	MCW	(AB)
M01b	4940	20-3	2002	Fri	153 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3625 kHz	MCW	(AB)
M01b	3520	20-3	2110	Fri	582 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4585 kHz	MCW	(AB)
M01b	4585	20-3	2110	Fri	582 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3520 kHz	MCW	(AB)
M01b	4590	23-3	1910	Mon	420 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3535 kHz	MCW	(AB/MPJ)
M01b	3535	23-3	1910	Mon	420 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4590 kHz	MCW	(AB/MPJ)
M01b	3645	23-3	2015	Mon	771 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4455 kHz	MCW	(AB/MPJ)
M01b	4455	23-3	2015	Mon	771 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3645 kHz	MCW	(AB/MPJ)
M01b	4605	26-3	1932	Thu	201 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3510 kHz	MCW	(AB/MPJ)

M01b	3510	26-3	1932	Thu	201 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4605 kHz	MCW	(AB/MPJ)
M01b	3715	26-3	2040	Thu	477 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4570 kHz	MCW	(AB)
M01b	4570	26-3	2040	Thu	477 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3715 kHz	MCW	(AB)
M01b	3625	27-3	2002	Fri	153 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4940 kHz	MCW	(AB/MPJ)
M01b	4940	27-3	2002	Fri	153 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3625 kHz	MCW	(AB/MPJ)
M01b	4585	27-3	2110	Fri	582 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3520 kHz	MCW	(AB)
M01b	3520	27-3	2110	Fri	582 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4585 kHz	MCW	(AB)
M01b	3535	30-3	1810	Mon	420 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4590 kHz	MCW	(AB)
M01b	4590	30-3	1810	Mon	420 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3535 kHz	MCW	(AB)
M01b	4455	30-3	1915	Mon	771 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //3645 kHz	MCW	(AB/MPJ)
M01b	3645	30-3	1915	Mon	771 137 137 32 32 == 91710 18585 96729 ... 28895 46985 97379 == 137 137 32 32 000 //4455 kHz	MCW	(AB/MPJ)
M12	9367	1-3	0600	Sun	341 1 239 123 51727 20871 08582 83852 000 000	CW	(ES)
M12	10467	1-3	0620	Sun	341 1 239 123 51727 20871 08582 83852 000 000	CW	(ES)
M12	12167	1-3	0640	Sun	341 1 239 123 51727 20871 08582 83852 000 000	CW	(ES)
M12	15848	1-3	0800	Sun	841 841 841 000	CW	(HFD/ES)
M12	17448	1-3	0820	Sun	841 841 841 000	CW	(AB/ES)
M12	16276	2-3	1400	Mon	283 283 283 000	CW	(AB/ES)
M12	14876	2-3	1420	Mon	283 283 283 000	CW	(AB/ES)
M12	8164	2-3	2210	Mon	197 197 197 1 6494 121 6494 121 46480 16794 83038 ... 32344 42471 87958 000 000	CW	(AB/ES)
M12	6964	2-3	2230	Mon	197 197 197 1 6494 121 6494 121 46480 16794 83038 ... 32344 42471 87958 000 000	CW	(AB/ES)
M12	5764	2-3	2250	Mon	197 197 197 1 6494 121 6494 121 46480 16794 83038 ... 32344 42471 87958 000 000	CW	(AB/ES)
M12	9317	3-3	0530	Tue	135 135 135 1 9302 104 9302 104 33538 87696 71840 ... 74070 48695 15723 000 000	CW	(AB/HFD/ES)
M12	10484	3-3	0550	Tue	135 135 135 1 9302 104 9302 104 33538 87696 71840 ... 74070 48695 15723 000 000	CW	(AB/ES/HFD)
M12	9367	3-3	0600	Tue	341 341 341 000	CW	(AB/HFD/ES)
M12	11552	3-3	0610	Tue	135 135 135 1 9302 104 9302 104 33538 87696 71840 ... 74070 48695 15723 000 000	CW	(AB/HFD/ES)
M12	10467	3-3	0620	Tue	341 341 341 000	CW	(AB/HFD/ES)
M12	15848	4-3	0800	Wed	841 841 841 000	CW	(AB/ES)
M12	17448	4-3	0820	Wed	841 841 841 000	CW	(AB/ES)

M12	13952	4-3	1310	Wed	941 941 941 000	CW	(AB/MPJ)
M12	13452	4-3	1330	Wed	941 941 941 000	CW	(AB/MPJ/ES)
M12	16276	4-3	1400	Wed	283 283 283 000	CW	(AB/MPJ/ES)
M12	14876	4-3	1420	Wed	283 283 283 000	CW	(AB/MPJ/ES)
M12	12162	4-3	1710	Wed	546 546 546 1 8917 109 8917 109 04204 58951 26271 ... 73286 55151 91207 000 000	CW	(AB/MPJ)
M12	11566	4-3	1730	Wed	546 546 546 1 8917 109 8917 109 04204 58951 26271 ... 73286 55151 91207 000 000	CW	(AB/MPJ)
M12	10711	4-3	1750	Wed	546 546 546 1 8917 109 8917 109 04204 58951 26271 ... 73286 55151 91207 000 000	CW	(AB/MPJ)
M12	10172	4-3	2050	Wed	105 105 105 000	CW	(AB/RL/ES)
M12	9072	4-3	2110	Wed	105 105 105 000	CW	(AB/RL/ES)
M12	10267	5-3	0110	Thu	229 1 6988 98 03870 97300 59211 59694 000 000	CW	(ES)
M12	9267	5-3	0130	Thu	229 1 6988 98 03870 97300 59211 59694 000 000	CW	(ES)
M12	8067	5-3	0150	Thu	229 1 6988 98 03870 97300 59211 59694 000 000	CW	(ES)
M12	12162	5-3	1700	Thu	546 546 546 1 6937 108 6937 108 03125 16417 43201 ... 70931 39400 03160 000 000	CW	(AB-RUS/MPJ/HFD)
M12	11566	5-3	1720	Thu	546 546 546 1 6937 108 6937 108 03125 16417 43201 ... 70931 39400 03160 000 000	CW	(AB/MPJ/HFD)
M12	10711	5-3	1740	Thu	546 546 546 1 6937 108 6937 108 03125 16417 43201 ... 70931 39400 03160 000 000	CW	(AB/MPJ/HFD)
M12	12162	5-3	1800	Thu	546 546 546 1 5436 105 5436 105 86991 64073 99261 ... 01128 02885 06288 000 000	CW	(AB-RUS/MPJ)
M12	11566	5-3	1820	Thu	546 546 546 1 5436 105 5436 105 86991 64073 99261 ... 01128 02885 06288 000 000	CW	(AB/MPJ)
M12	10711	5-3	1840	Thu	546 546 546 1 5436 105 5436 105 86991 64073 99261 ... 01128 02885 06288 000 000	CW	(AB/MPJ)
M12	14377	5-3	2000	Thu	317 317 317 1 3410 107 3410 107 71688 78659 29330 ... 82229 96604 18773 000 000	CW	(AB-RUS)
M12	13462	5-3	2020	Thu	317 317 317 1 3410 107 3410 107 71688 78659 29330 ... 82229 96604 18773 000 000	CW	(AB-RUS)
M12	12114	5-3	2040	Thu	317 317 317 1 3410 107 3410 107 71688 78659 29330 ... 82229 96604 18773 000 000	CW	(AB-RUS)
M12	8164	5-3	2210	Thu	197 197 197 1 6494 121 6494 121 46480 16794 83038 ... 32344 42471 87958 000 000	CW	(AB/ES)
M12	6964	5-3	2230	Thu	197 197 197 1 6494 121 6494 121 46480 16794 83038 ... 32344 42471 87958 000 000	CW	(AB/ES)
M12	5764	5-3	2250	Thu	197 197 197 1 6494 121 6494 121 46480 16794 83038 ... 32344 42471 87958 000 000	CW	(AB)
M12	5863	6-3	0030	Fri	841 841 841 1 323 89 323 89 96650 77246 08966 ... 84839 96934 76135 000 000	CW	(AB/RL)
M12	7463	6-3	0050	Fri	841 841 841 1 323 89 323 89 96650 77246 08966 ... 84839 96934 76135 000 000	CW	(AB/RL)
M12	10267	6-3	0110	Fri	229 229 229 1 6988 98 6988 98 03870 97300 47077 00264 01264 ... 13215 73637 70877 59211 59694 000 000	CW	(RL)
M12	8163	6-3	0110	Fri	841 841 841 1 323 89 323 89 96650 77246 08966 ... 84839 96934 76135 000 000	CW	(AB/RL)
M12	9267	6-3	0130	Fri	229 229 229 1 6988 98 6988 98 03870 97300 47077 00264 01264 ... 13215 73637 70877 59211 59694 000 000	CW	(RL)
M12	8067	6-3	0150	Fri	229 229 229 1 6988 98 6988 98 03870 97300 47077 00264 01264 ... 13215 73637 70877 59211 59694 000 000	CW	(RL)
M12	13952	6-3	1310	Fri	941 941 941 000	CW	(AB/MPJ/HFD/ES)
M12	13452	6-3	1330	Fri	941 941 941 000	CW	(AB/MPJ/HFD/ES)
M12	10172	6-3	2050	Fri	105 105 105 000	CW	(AB/RL)
M12	9072	6-3	2110	Fri	105 105 105 000	CW	(AB/RL)
M12	8126	6-3	2200	Fri	178 178 178 1 6910 112 6910 112 02337 28765 48205 ... 25034 12922 62569 000 000	CW	(AB/RL/HFD/ES)
M12	7526	6-3	2220	Fri	178 178 178 1 6910 112 6910 112 02337 28765 48205 ... 25034 12922 62569 000 000	CW	(AB/RL/HFD/ES)

M12	6826	6-3	2240	Fri	178 178 178 1 6910 112 6910 112 02337 28765 48205 ... 25034 12922 62569 000 000	CW	(AB/RL)
M12	8126	7-3	2200	Sat	178 178 178 1 6910 112 6910 112 02337 28765 48205 ... 25034 12922 62569 000 000	CW	(AB/ES)
M12	7526	7-3	2220	Sat	178 178 178 1 6910 112 6910 112 02337 28765 48205 ... 25034 12922 62569 000 000	CW	(AB/ES)
M12	6826	7-3	2240	Sat	178 178 178 1 6910 112 6910 112 02337 28765 48205 ... 25034 12922 62569 000 000	CW	(AB/ES)
M12	10267	8-3	0110	Sun	229 1 6988 98 03870 97300 59211 59694 000 000	CW	(ES)
M12	9267	8-3	0130	Sun	229 1 6988 98 03870 97300 59211 59694 000 000	CW	(ES)
M12	8067	8-3	0150	Sun	229 1 6988 98 03870 97300 59211 59694 000 000	CW	(ES)
M12	9367	8-3	0600	Sun	341 341 341 000	CW	(AB/ES)
M12	10467	8-3	0620	Sun	341 341 341 000	CW	(AB/ES)
M12	15848	8-3	0800	Sun	841 841 841 000	CW	(AB/ES)
M12	17448	8-3	0820	Sun	841 841 841 000	CW	(AB/ES)
M12	16276	9-3	1400	Mon	283 283 283 1 4968 69 4968 69 65324 21919 72537 ... 18165 65934 70701 000 000	CW	(AB/ES)
M12	14876	9-3	1420	Mon	283 283 283 1 4968 69 4968 69 65324 21919 72537 ... 18165 65934 70701 000 000	CW	(AB/ES)
M12	13376	9-3	1440	Mon	283 283 283 1 4968 69 4968 69 65324 21919 72537 ... 18165 65934 70701 000 000	CW	(AB)
M12	8164	9-3	2210	Mon	197 197 197 000	CW	(AB/RL/ES)
M12	6964	9-3	2230	Mon	197 197 197 000	CW	(AB/RL/ES)
M12	5863	10-3	0030	Tue	841 841 841 000	CW	(AB/ES)
M12	7463	10-3	0050	Tue	841 841 841 000	CW	(AB/ES)
M12	9317	10-3	0530	Tue	135 135 135 1 2494 107 2494 107 20131 50932 13854 ... 61507 30447 30945 000 000	CW	(AB/ES)
M12	10484	10-3	0550	Tue	135 135 135 1 2494 107 2494 107 20131 50932 13854 ... 61507 30447 30945 000 000	CW	(AB/ES)
M12	9367	10-3	0600	Tue	341 341 341 1 5816 143 5816 143 98435 48832 79494 ... 56515 56945 97369 000 000	CW	(AB/ES)
M12	11552	10-3	0610	Tue	135 135 135 1 2494 107 2494 107 20131 50932 13854 ... 61507 30447 30945 000 000	CW	(AB/ES)
M12	10467	10-3	0620	Tue	341 341 341 1 5816 143 5816 143 98435 48832 79494 ... 56515 56945 97369 000 000	CW	(AB/ES)
M12	12167	10-3	0640	Tue	341 341 341 1 5816 143 5816 143 98435 48832 79494 ... 56515 56945 97369 000 000	CW	(AB/ES)
M12	15848	11-3	0800	Wed	841 841 841 1 374 110 374 110 43197 13568 84429 ... 68080 95241 98501 000 000	CW	(AB/ES)
M12	17448	11-3	0820	Wed	841 841 841 1 374 110 374 110 43197 13568 84429 ... 68080 95241 98501 000 000	CW	(AB/ES)
M12	19148	11-3	0840	Wed	841 841 841 1 374 110 374 110 43197 13568 84429 ... 68080 95241 98501 000 000	CW	(AB/ES)
M12	13952	11-3	1310	Wed	941 941 941 1 4275 109 4275 109 88340 04013 01998 ... 75244 04995 88493 000 000	CW	(AB)
M12	13452	11-3	1330	Wed	941 941 941 1 4275 109 4275 109 88340 04013 01998 ... 75244 04995 88493 000 000	CW	(AB)
M12	12152	11-3	1350	Wed	941 941 941 1 4275 109 4275 109 88340 04013 01998 ... 75244 04995 88493 000 000	CW	(AB)
M12	16276	11-3	1400	Wed	283 283 283 1 4968 69 4968 69 65324 21919 72537 ... 18165 65934 70701 000 000	CW	(AB-RUS/ES)
M12	14876	11-3	1420	Wed	283 283 283 1 4968 69 4968 69 65324 21919 72537 ... 18165 65934 70701 000 000	CW	(AB/ES)
M12	13376	11-3	1440	Wed	283 283 283 1 4968 69 4968 69 65324 21919 72537 ... 18165 65934 70701 000 000	CW	(AB/ES)
M12	12205	11-3	1530	Wed	973 973 973 1 1162 83 1162 83 93281 15317 92103 ... 22755 10272 14501 000 000	CW	(AB/ES)
M12	13559	11-3	1550	Wed	973 973 973 1 1162 83 1162 83 93281 15317 92103 ... 22755 10272 14501 000 000	CW	(AB/ES)
M12	14728	11-3	1610	Wed	973 973 973 1 1162 83 1162 83 93281 15317 92103 ... 22755 10272 14501 000 000	CW	(AB/ES)
M12	12162	11-3	1710	Wed	546 546 546 1 2840 107 2840 107 59267 97789 79928 ... 94735 63082 92259 000 000	CW	(AB/ES)
M12	11566	11-3	1730	Wed	546 546 546 1 2840 107 2840 107 59267 97789 79928 ... 94735 63082 92259 000 000	CW	(AB-RUS/ES)
M12	10711	11-3	1750	Wed	546 546 546 1 2840 107 2840 107 59267 97789 79928 ... 94735 63082 92259 000 000	CW	(AB-RUS/ES)

M12	10172	11-3	2050	Wed	105 105 105 000	CW	(AB)
M12	9072	11-3	2110	Wed	105 105 105 000	CW	(AB/RL/ES)
M12	17463	12-3	0100	Thu	428 428 428 1 8460 96 8460 96 84725 18204 59114 ... 91036 14125 76805 000 000	CW	(Danix-RUS)
M12	10267	12-3	0110	Thu	229 1 7577 68 72800 58140 99177 48482 000 000	CW	(ES)
M12	16263	12-3	0120	Thu	428 428 428 1 8460 96 8460 96 84725 18204 59114 ... 91036 14125 76805 000 000	CW	(Danix-RUS)
M12	9267	12-3	0130	Thu	229 1 7577 68 72800 58140 99177 48482 000 000	CW	(ES)
M12	15863	12-3	0140	Thu	428 428 428 1 8460 96 8460 96 84725 18204 59114 ... 91036 14125 76805 000 000	CW	(Danix-RUS)
M12	8067	12-3	0150	Thu	229 1 7577 68 72800 58140 99177 48482 000 000	CW	(ES)
M12	12162	12-3	1700	Thu	546 546 546 1 9817 110 9817 110 86544 38295 26803 ... 66809 94385 23399 000 000	CW	(AB/MPJ)
M12	11566	12-3	1720	Thu	546 546 546 1 9817 110 9817 110 86544 38295 26803 ... 66809 94385 23399 000 000	CW	(AB/MPJ)
M12	10711	12-3	1740	Thu	546 546 546 1 9817 110 9817 110 86544 38295 26803 ... 66809 94385 23399 000 000	CW	(AB/MPJ)
M12	12162	12-3	1800	Thu	546 546 546 1 926 106 926 106 95376 23119 74935 ... 63664 60415 44467 000 000	CW	(AB)
M12	11566	12-3	1820	Thu	546 546 546 1 926 106 926 106 95376 23119 74935 ... 63664 60415 44467 000 000	CW	(AB)
M12	10711	12-3	1840	Thu	546 546 546 1 926 106 926 106 95376 23119 74935 ... 63664 60415 44467 000 000	CW	(AB)
M12	14377	12-3	2000	Thu	317 317 317 1 233 50 233 50 15261 56938 90281 ... 37461 62662 34884 000 000	CW	(AB-RUS/HFD-RUS)
M12	13462	12-3	2020	Thu	317 317 317 1 233 50 233 50 15261 56938 90281 ... 37461 62662 34884 000 000	CW	(AB-RUS/HFD-RUS)
M12	12114	12-3	2040	Thu	317 317 317 1 233 50 233 50 15261 56938 90281 ... 37461 62662 34884 000 000	CW	(AB-RUS/HFD-RUS)
M12	16284	13-3	0010	Fri	297 297 297 1 9290 118 9290 118 29400 96493 52305 ... 41603 51586 95397 000 000	CW	(Danix)
M12	5863	13-3	0030	Fri	841 841 841 000	CW	(ES)
M12	15984	13-3	0030	Fri	297 297 297 1 9290 118 9290 118 29400 96493 52305 ... 41603 51586 95397 000 000	CW	(Danix)
M12	7463	13-3	0050	Fri	841 841 841 000	CW	(ES)
M12	14784	13-3	0050	Fri	297 297 297 1 9290 118 9290 118 29400 96493 52305 ... 41603 51586 95397 000 000	CW	(Danix)
M12	13952	13-3	1310	Fri	941 941 941 1 4275 109 4275 109 88340 04013 01998 ... 75244 04995 88493 000 000	CW	(AB/MPJ/ES)
M12	13452	13-3	1330	Fri	941 941 941 1 4275 109 4275 109 88340 04013 01998 ... 75244 04995 88493 000 000	CW	(AB/MPJ/ES)
M12	12152	13-3	1350	Fri	941 941 941 1 4275 109 4275 109 88340 04013 01998 ... 75244 04995 88493 000 000	CW	(AB/MPJ/ES)
M12	10172	13-3	2050	Fri	105 105 105 000	CW	(AB-RUS/RL/HFD)
M12	9072	13-3	2110	Fri	105 105 105 000	CW	(AB-RUS/RL/HFD)
M12	8126	13-3	2200	Fri	178 178 178 1 7858 78 7858 78 80596 98163 37066 ... 60789 40771 83841 000 000	CW	(AB/RL)
M12	7526	13-3	2220	Fri	178 178 178 1 7858 78 7858 78 80596 98163 37066 ... 60789 40771 83841 000 000	CW	(AB/RL)
M12	6826	13-3	2240	Fri	178 178 178 1 7858 78 7858 78 80596 98163 37066 ... 60789 40771 83841 000 000	CW	(AB/RL)
M12	8126	14-3	2200	Sat	178 178 178 1 7858 78 7858 78 80596 98163 37066 ... 60789 40771 83841 000 000	CW	(AB/ES)
M12	7526	14-3	2220	Sat	178 178 178 1 7858 78 7858 78 80596 98163 37066 ... 60789 40771 83841 000 000	CW	(AB/ES)
M12	6826	14-3	2240	Sat	178 178 178 1 7858 78 7858 78 80596 98163 37066 ... 60789 40771 83841 000 000	CW	(AB/ES)
M12	10267	15-3	0110	Sun	229 229 229 1 2577 68 7577 68 72800 58140 21933 ... 32623 99177 48482 000 000	CW	(AB/ES)
M12	9267	15-3	0130	Sun	229 229 229 1 2577 68 7577 68 72800 58140 21933 ... 32623 99177 48482 000 000	CW	(AB/ES)
M12	8067	15-3	0150	Sun	229 229 229 1 2577 68 7577 68 72800 58140 21933 ... 32623 99177 48482 000 000	CW	(AB/ES)
M12	9367	15-3	0600	Sun	341 341 341 1 5816 143 5816 143 98435 48832 79494 ... 56515 56945 97369 000 000	CW	(AB/ES)
M12	10467	15-3	0620	Sun	341 341 341 1 5816 143 5816 143 98435 48832 79494 ... 56515 56945 97369 000 000	CW	(AB/ES)
M12	12167	15-3	0640	Sun	341 341 341 1 5816 143 5816 143 98435 48832 79494 ... 56515 56945 97369 000 000	CW	(AB/ES)

M12	15848	15-3	0800	Sun	841 841 841 1 374 110 374 110 43197 13568 84429 ... 68080 95241 98501 000 000	CW	(AB/ES)
M12	17448	15-3	0820	Sun	841 841 841 1 374 110 374 110 43197 13568 84429 ... 68080 95241 98501 000 000	CW	(AB/ES)
M12	19148	15-3	0840	Sun	841 841 841 1 374 110 374 110 43197 13568 84429 ... 68080 95241 98501 000 000	CW	(AB/ES)
M12	16276	16-3	1400	Mon	283 283 283 1 4968 69 4968 69 65324 21919 72537 ... 18165 65934 70701 000 000	CW	(AB/ES)
M12	14876	16-3	1420	Mon	283 283 283 1 4968 69 4968 69 65324 21919 72537 ... 18165 65934 70701 000 000	CW	(AB/ES)
M12	13376	16-3	1440	Mon	283 283 283 1 4968 69 4968 69 65324 21919 72537 ... 18165 65934 70701 000 000	CW	(AB/ES)
M12	8164	16-3	2210	Mon	197 197 197 000	CW	(AB/HFD)
M12	6964	16-3	2230	Mon	197 197 197 000	CW	(AB/RL/HFD)
M12	5863	17-3	0030	Tue	841 841 841 000	CW	(AB)
M12	7463	17-3	0050	Tue	841 841 841 000	CW	(AB)
M12	9317	17-3	0530	Tue	135 135 135 1 1037 104 1037 104 37501 02386 53094 ... 46327 76693 67171 000 000	CW	(AB/ES)
M12	10484	17-3	0550	Tue	135 135 135 1 1037 104 1037 104 37501 02386 53094 ... 46327 76693 67171 000 000	CW	(AB/ES)
M12	9367	17-3	0600	Tue	341 341 341 1 171 84 171 84 12208 08857 03303 ... 27167 81692 85324 000 000	CW	(AB/ES)
M12	11552	17-3	0610	Tue	135 135 135 1 1037 104 1037 104 37501 02386 53094 ... 46327 76693 67171 000 000	CW	(AB/ES)
M12	10467	17-3	0620	Tue	341 341 341 1 171 84 171 84 12208 08857 03303 ... 27167 81692 85324 000 000	CW	(AB/ES)
M12	12167	17-3	0640	Tue	341 341 341 1 171 84 171 84 12208 08857 03303 ... 27167 81692 85324 000 000	CW	(AB/ES)
M12	15848	18-3	0800	Wed	841 841 841 000	CW	(AB/ES)
M12	17448	18-3	0820	Wed	841 841 841 000	CW	(AB/ES)
M12	13952	18-3	1310	Wed	941 941 941 1 4275 109 4275 109 88340 04013 01998 ... 75244 04995 88493 000 000	CW	(AB/MPJ/ES)
M12	13452	18-3	1330	Wed	941 941 941 1 4275 109 4275 109 88340 04013 01998 ... 75244 04995 88493 000 000	CW	(AB/MPJ/ES)
M12	12152	18-3	1350	Wed	941 941 941 1 4275 109 4275 109 88340 04013 01998 ... 75244 04995 88493 000 000	CW	(AB/MPJ/ES)
M12	16276	18-3	1400	Wed	283 283 283 1 4968 69 4968 69 65324 21919 72537 ... 18165 65934 70701 000 000	CW	(AB-KWT/HFD/ES)
M12	14876	18-3	1420	Wed	283 283 283 1 4968 69 4968 69 65324 21919 72537 ... 18165 65934 70701 000 000	CW	(AB/ES/HFD)
M12	13376	18-3	1440	Wed	283 283 283 1 4968 69 4968 69 65324 21919 72537 ... 18165 65934 70701 000 000	CW	(AB/HFD/ES)
M12	12162	18-3	1710	Wed	546 546 546 1 6452 110 6452 110 61784 22221 08541 ... 36664 05589 53713 000 000	CW	(AB-POL/MPJ/HFD)
M12	11566	18-3	1730	Wed	546 546 546 1 6452 110 6452 110 61784 22221 08541 ... 36664 05589 53713 000 000	CW	(AB-RUS/MPJ/HFD)
M12	10711	18-3	1750	Wed	546 546 546 1 6452 110 6452 110 61784 22221 08541 ... 36664 05589 53713 000 000	CW	(AB-RUS/MPJ/HFD)
M12	10172	18-3	2050	Wed	105 105 105 000	CW	(AB)
M12	9072	18-3	2110	Wed	105 105 105 000	CW	(AB)
M12	10267	19-3	0110	Thu	229 1 6270 70 47509 44293 03460 64032 000 000	CW	(ES)
M12	12162	19-3	1700	Thu	546 546 546 1 5157 108 5157 108 64624 81282 23650 ... 32334 47773 11964 000 000	CW	(AB-RUS/HFD)
M12	11566	19-3	1720	Thu	546 546 546 1 5157 108 5157 108 64624 81282 23650 ... 32334 47773 11964 000 000	CW	(AB-RUS/HFD)
M12	10711	19-3	1740	Thu	546 546 546 1 5157 108 5157 108 64624 81282 23650 ... 32334 47773 11964 000 000	CW	(AB/HFD)
M12	12162	19-3	1800	Thu	546 546 546 1 6161 111 6161 111 43988 23319 65865 ... 90249 79932 36101 000 000	CW	(AB-RUS)
M12	11566	19-3	1820	Thu	546 546 546 1 6161 111 6161 111 43988 23319 65865 ... 90249 79932 36101 000 000	CW	(AB-RUS)
M12	10711	19-3	1840	Thu	546 546 546 1 6161 111 6161 111 43988 23319 65865 ... 90249 79932 36101 000 000	CW	(AB)
M12	14377	19-3	2000	Thu	317 317 317 1 622 33 622 33 38698 87530 27196 ... 34415 19938 61588 000 000	CW	(AB-RUS)
M12	13462	19-3	2020	Thu	317 317 317 1 622 33 622 33 38698 87530 27196 ... 34415 19938 61588 000 000	CW	(AB-RUS)
M12	12114	19-3	2040	Thu	317 317 317 1 622 33 622 33 38698 87530 27196 ... 34415 19938 61588 000 000	CW	(AB-RUS)

M12	8164	19-3	2210	Thu	197 197 197 000	CW	(AB/ES)
M12	6964	19-3	2230	Thu	197 197 197 000	CW	(AB/ES)
M12	16284	20-3	0010	Fri	297 297 297 1 5720 126 5720 126 95018 54495 07009 ... 55847 14121 96058 000 000	CW	(Danix-RUS)
M12	5863	20-3	0030	Fri	841 841 841 000	CW	(AB/RL/ES)
M12	15984	20-3	0030	Fri	297 297 297 1 5720 126 5720 126 95018 54495 07009 ... 55847 14121 96058 000 000	CW	(Danix-RUS)
M12	7463	20-3	0050	Fri	841 841 841 000	CW	(RL/ES)
M12	14784	20-3	0050	Fri	297 297 297 1 5720 126 5720 126 95018 54495 07009 ... 55847 14121 96058 000 000	CW	(Danix-RUS)
M12	13952	20-3	1310	Fri	941 941 941 1 4275 109 4275 109 88340 04013 01998 ... 75244 04995 88493 000 000	CW	(AB/ES)
M12	13452	20-3	1330	Fri	941 941 941 1 4275 109 4275 109 88340 04013 01998 ... 75244 04995 88493 000 000	CW	(AB/ES)
M12	12152	20-3	1350	Fri	941 941 941 1 4275 109 4275 109 88340 04013 01998 ... 75244 04995 88493 000 000	CW	(AB/ES)
M12	10172	20-3	2050	Fri	105 105 105 000	CW	(AB-RUS/RL/ES)
M12	9072	20-3	2110	Fri	105 105 105 000	CW	(AB-RUS/RL/ES)
M12	8126	20-3	2200	Fri	178 178 178 1 7858 78 7858 78 80596 98163 37066 ... 60789 40771 83841 000 000	CW	(AB/RL/ES)
M12	7526	20-3	2220	Fri	178 178 178 1 7858 78 7858 78 80596 98163 37066 ... 60789 40771 83841 000 000	CW	(AB/RL/ES)
M12	6826	20-3	2240	Fri	178 178 178 1 7858 78 7858 78 80596 98163 37066 ... 60789 40771 83841 000 000	CW	(AB/RL/ES)
M12	8126	21-3	2200	Sat	178 178 178 1 7858 78 7858 78 80596 98163 37066 ... 60789 40771 83841 000 000	CW	(AB/RL/ES)
M12	7526	21-3	2220	Sat	178 178 178 1 7858 78 7858 78 80596 98163 37066 ... 60789 40771 83841 000 000	CW	(AB/RL/ES)
M12	6826	21-3	2240	Sat	178 178 178 1 7858 78 7858 78 80596 98163 37066 ... 60789 40771 83841 000 000	CW	(AB/RL/ES)
M12	8067	22-3	0150	Sun	229 1 6270 70 47509 44293 03460 64032 000 000	CW	(ES)
M12	9367	22-3	0600	Sun	341 341 341 1 171 84 171 84 12208 08857 03303 ... 27167 81692 85324 000 000	CW	(AB)
M12	10467	22-3	0620	Sun	341 341 341 1 171 84 171 84 12208 08857 03303 ... 27167 81692 85324 000 000	CW	(AB/ES)
M12	12167	22-3	0640	Sun	341 341 341 1 171 84 171 84 12208 08857 03303 ... 27167 81692 85324 000 000	CW	(AB/ES)
M12	15848	22-3	0800	Sun	841 841 841 000	CW	(AB/ES)
M12	17448	22-3	0820	Sun	841 841 841 000	CW	(AB/ES)
M12	16284	23-3	0010	Mon	297 297 297 000	CW	(Danix-RUS/HFD-RUS)
M12	15984	23-3	0030	Mon	297 297 297 000	CW	(Danix-RUS/HFD-RUS)
M12	16276	23-3	1400	Mon	283 283 283 000	CW	(AB/ES)
M12	14876	23-3	1420	Mon	283 283 283 000	CW	(AB/ES)
M12	8164	23-3	2210	Mon	197 1 561 87 39124 15630 58085 78670 000 000	CW	(ES)
M12	6964	23-3	2230	Mon	197 1 561 87 39124 15630 58085 78670 000 000	CW	(ES)
M12	5764	23-3	2250	Mon	197 1 561 87 39124 15630 58085 78670 000 000	CW	(ES)
M12	5863	24-3	0030	Tue	841 1 345 107 25339 94554 01325 05271 000 000	CW	(ES)
M12	7463	24-3	0050	Tue	841 1 345 107 25339 94554 01325 05271 000 000	CW	(ES)
M12	17463	24-3	0100	Tue	428 428 428 1 510 104 510 104 06680 51332 18674 ... 87144 78785 05435	CW	(Danix-RUS/HFD-RUS)
M12	8163	24-3	0110	Tue	841 1 345 107 25339 94554 01325 05271 000 000	CW	(ES)
M12	16263	24-3	0120	Tue	428 428 428 1 510 104 510 104 06680 51332 18674 ... 87144 78785 05435	CW	(Danix-RUS/HFD-RUS)
M12	15863	24-3	0140	Tue	428 428 428 1 510 104 510 104 06680 51332 18674 ... 87144 78785 05435	CW	(Danix-RUS/HFD-RUS)
M12	9317	24-3	0530	Tue	135 135 135 1 9011 104 9011 104 63624 90114 85071 ... 70761 38097 26732 000 000	CW	(AB/ES)
M12	10484	24-3	0550	Tue	135 135 135 1 9011 104 9011 104 63624 90114 85071 ... 70761 38097 26732 000 000	CW	(AB/ES)

M12	9367	24-3	0600	Tue	341 341 341 1 259 111 259 111 72693 48050 36840 ... 07456 86122 17434 000 000	CW	(AB/ES)
M12	11552	24-3	0610	Tue	135 135 135 1 9011 104 9011 104 63624 90114 85071 ... 70761 38097 26732 000 000	CW	(AB/ES)
M12	10467	24-3	0620	Tue	341 341 341 1 259 111 259 111 72693 48050 36840 ... 07456 86122 17434 000 000	CW	(AB/ES)
M12	12167	24-3	0640	Tue	341 341 341 1 259 111 259 111 72693 48050 36840 ... 07456 86122 17434 000 000	CW	(AB/ES)
M12	15848	25-3	0800	Wed	841 841 841 000	CW	(AB/ES)
M12	17448	25-3	0820	Wed	841 841 841 000	CW	(AB/ES)
M12	13952	25-3	1310	Wed	941 941 941 000	CW	(AB/ES)
M12	13452	25-3	1330	Wed	941 941 941 000	CW	(AB/ES)
M12	16276	25-3	1400	Wed	283 283 283 000	CW	(AB/MPJ/ES)
M12	14876	25-3	1420	Wed	283 283 283 000	CW	(AB/MPJ/ES)
M12	12162	25-3	1710	Wed	546 546 546 1 8844 109 8844 109 98317 59803 18641 ... 08350 91510 72186 000 000	CW	(AB-POL/MPJ/ES)
M12	11566	25-3	1730	Wed	546 546 546 1 8844 109 8844 109 98317 59803 18641 ... 08350 91510 72186 000 000	CW	(AB-POL/MPJ/ES)
M12	10711	25-3	1750	Wed	546 546 546 1 8844 109 8844 109 98317 59803 18641 ... 08350 91510 72186 000 000	CW	(AB-RUS/MPJ/ES)
M12	10172	25-3	2050	Wed	105 105 105 000	CW	(AB/RL/ES)
M12	9072	25-3	2110	Wed	105 105 105 000	CW	(AB/RL/ES)
M12	10267	26-3	0110	Thu	229 229 229 000	CW	(ES)
M12	9267	26-3	0130	Thu	220 229 229 000	CW	(ES)
M12	12162	26-3	1700	Thu	546 546 546 1 3828 108 3828 108 22733 73033 04407 ... 11611 67255 24240 000 000	CW	(AB-RUS/MPJ)
M12	11566	26-3	1720	Thu	546 546 546 1 3828 108 3828 108 22733 73033 04407 ... 11611 67255 24240 000 000	CW	(AB-RUS/MPJ)
M12	10711	26-3	1740	Thu	546 546 546 1 3828 108 3828 108 22733 73033 04407 ... 11611 67255 24240 000 000	CW	(AB/MPJ)
M12	12162	26-3	1800	Thu	546 546 546 1 6702 112 6702 112 43976 59311 97122 ... 50415 14627 56618 000 000	CW	(AB-RUS)
M12	11566	26-3	1820	Thu	546 546 546 1 6702 112 6702 112 43976 59311 97122 ... 50415 14627 56618 000 000	CW	(AB-RUS)
M12	10711	26-3	1840	Thu	546 546 546 1 6702 112 6702 112 43976 59311 97122 ... 50415 14627 56618 000 000	CW	(AB-POL)
M12	14377	26-3	2000	Thu	317 317 317 1 165 56 165 56 10957 89174 53214 ... 28292 14712 08474 000 000	CW	(AB-RUS)
M12	13462	26-3	2020	Thu	317 317 317 1 165 56 165 56 10957 89174 53214 ... 28292 14712 08474 000 000	CW	(AB-RUS)
M12	12114	26-3	2040	Thu	317 317 317 1 165 56 165 56 10957 89174 53214 ... 28292 14712 08474 000 000	CW	(AB-RUS)
M12	8164	26-3	2210	Thu	197 197 197 1 561 87 561 87 39124 15680 28770 ... 76011 58085 78670 000 000	CW	(AB/RL)
M12	6964	26-3	2230	Thu	197 197 197 1 561 87 561 87 39124 15680 28770 ... 76011 58085 78670 000 000	CW	(AB/RL)
M12	5764	26-3	2250	Thu	197 197 197 1 561 87 561 87 39124 15680 28770 ... 76011 58085 78670 000 000	CW	(AB/RL)
M12	5863	27-3	0030	Fri	841 841 841 1 345 107 345 107 25339 94554 88944 ... 49859 01325 05271 000 000	CW	(AB)
M12	7463	27-3	0050	Fri	841 841 841 1 345 107 345 107 25339 94554 88944 ... 49859 01325 05271 000 000	CW	(AB)
M12	8163	27-3	0110	Fri	841 841 841 1 345 107 345 107 25339 94554 88944 ... 49859 01325 05271 000 000	CW	(AB)
M12	13952	27-3	1310	Fri	941 941 941 000	CW	(AB/MPJ)
M12	13452	27-3	1330	Fri	941 941 941 000	CW	(AB/MPJ)
M12	10172	27-3	2050	Fri	105 105 105 000	CW	(AB/RL)
M12	9072	27-3	2110	Fri	105 105 105 000	CW	(AB/RL)
M12	8126	27-3	2200	Fri	178 178 178 1 000	CW	(AB/RL)
M12	7526	27-3	2220	Fri	178 178 178 1 000	CW	(AB/RL)
M12	9367	29-3	0600	Sun	341 341 341 1 259 111 259 111 72693 48050 36940 ... 07456 86122 17434 000 000	CW	(AB/F5JBR)

M12	10467	29-3	0620	Sun	341 341 341 1 259 111 259 111 72693 48050 36940 ... 07456 86122 17434 000 000	CW	(AB)
M12	12167	29-3	0640	Sun	341 341 341 1 259 111 259 111 72693 48050 36940 ... 07456 86122 17434 000 000	CW	(AB)
M12	15848	29-3	0800	Sun	841 841 841 000	CW	(AB)
M12	17448	29-3	0820	Sun	841 841 841 000	CW	(AB)
M12	16276	30-3	1400	Mon	283 283 283 1 5599 110 5599 110 76607 98474 44070 ... 76565 76285 12874 000 000	CW	(AB)
M12	14876	30-3	1420	Mon	283 283 283 1 5599 110 5599 110 76607 98474 44070 ... 76565 76285 12874 000 000	CW	(AB)
M12	13376	30-3	1440	Mon	283 283 283 1 5599 110 5599 110 76607 98474 44070 ... 76565 76285 12874 000 000	CW	(AB)
M12	8164	30-3	2210	Mon	197 197 197 000	CW	(RL)
M12	6964	30-3	2230	Mon	197 197 197 000	CW	(RL)
M12	5863	31-3	0030	Tue	841 841 841 000	CW	(AB)
M12	7463	31-3	0050	Tue	841 841 841 000	CW	(AB)
M12	17463	31-3	0100	Tue	428 428 428 1 9251 126 9251 126 60867 94360 99005 ... 68426 11584 42678	CW	(Danix-RUS)
M12	16263	31-3	0120	Tue	428 428 428 1 9251 126 9251 126 60867 94360 99005 ... 68426 11584 42678	CW	(Danix-RUS)
M12	15863	31-3	0140	Tue	428 428 428 1 9251 126 9251 126 60867 94360 99005 ... 68426 11584 42678	CW	(Danix-RUS)
M12	9317	31-3	0530	Tue	135 135 135 1 8821 106 8821 106 42668 11101 51099 ... 50847 01615 32774 000 000	CW	(AB)
M12	10484	31-3	0550	Tue	135 135 135 1 8821 106 8821 106 42668 11101 51099 ... 50847 01615 32774 000 000	CW	(AB)
M12	9367	31-3	0600	Tue	341 341 341 000	CW	(AB)
M12	11552	31-3	0610	Tue	135 135 135 1 8821 106 8821 106 42668 11101 51099 ... 50847 01615 32774 000 000	CW	(AB)
M12	10467	31-3	0620	Tue	341 341 341 000	CW	(AB)
M14	4730	7-3	0800	Sat	523 200 200 33 33 == 62314 55562 90987 ... 80931 60803 45231 == 200 200 33 33 00000	MCW	(AB-RUS/HFD)
M14	4650	7-3	0900	Sat	523 200 200 33 33 == 62314 55562 90987 ... 80931 60803 45231 == 200 200 33 33 00000	MCW	(AB-RUS/HFD)
M14	17458	10-3	0930	Tue	617 617 617 00000	CW	(AB/ES)
M14	5947	10-3	1815	Tue	Test. Single 5FGs then switches to 5960 kHz	MCW	(AB)
M14	5960	10-3	1822	Tue	346 144 144 33 33 == 12579 45890 32157 ... 76678 54546 12213 == 144 144 33 33 00000	MCW	(AB/HFD)
M14	5460	11-3	1920	Wed	537 144 144 33 33 == 12579 45890 32157 ... 76678 54546 12213 == 114 144 33 33 00000	MCW	(AB)
M14	4730	14-3	0800	Sat	523 200 200 33 33 == 62314 55562 90987 ... 80931 60803 45231 == 200 200 33 33 00000	MCW	(AB-RUS)
M14	4650	14-3	0900	Sat	523 WPP WPP EE EE C C YWEQR TTTYW OPOIU ... 80931 60803 45231 = = 200 200 33 33 00000. Shifted to letters after the id	MCW	(AB-RUS)
M14	12153	16-3	0635	Mon	441 962 962 41 41 == 94169 94035 28624 ... 86589 54537 70265 == 962 962 41 41 00000	CW	(AB)
M14	4730	21-3	0800	Sat	523 200 200 33 33 == 62314 55562 90987 ... 80931 60803 45231 == 200 200 33 33 00000	MCW	(AB-RUS)
M14	4650	21-3	0900	Sat	523 200 200 33 33 == 62314 55562 90987 ... 80931 60803 45231 == 200 200 33 33 00000	MCW	(AB-RUS)
M14	5940	24-3	1820	Tue	346 144 144 33 33 == 12579 45890 32157 ... 76678 54546 12213 == 144 144 33 33 00000	MCW	(AB)
M14	17458	25-3	0930	Wed	617 395 395 238 238 == 25378 00381 36358 ... 44180 16274 40687 == 395 395 238 238 00000	CW	(AB-RUS/ES/HFD)
M14	5474	25-3	1920	Wed	537 144 144 33 33 == 12579 45890 32157 ... 76678 54546 12213 == 144 144 33 33 00000	MCW	(AB/MPJ/HFD)
M14	15994	26-3	0945	Thu	i.p. 26193 16274 40687 395 238 00000	CW	(ES)
M14	4730	28-3	0800	Sat	523 200 200 33 33 == 12579 45890 32157 ... 76678 54546 12213 == 200 200 33 33 00000	MCW	(AB-RUS)
M14	4650	28-3	0900	Sat	523 200 200 33 33 == 12579 45890 32157 ... 76678 54546 12213 == 200 200 33 33 00000	MCW	(AB-RUS)
M21	7949.5	1-3	0730	Sun	=99?1030?9????? =99 ?1032?9????? =99?1034?9??????	CW	(F5JBR-J)
M21	6835	1-3	0814	Sun	=991114??8????? =991115??8????? =991116??8?????	CW	(F5JBR-J)

M21	6286	1-3	0930	Sun	=991230??8????? =991242??8????? =991243??8?????	CW	(F5JBR-J)
M21	3279.5	3-3	0920	Tue	=991220??0????? =991221??0????? =991222??0?????	CW	(AB)
M21	3616.5	3-3	0925	Tue	=991225??0????? =991226??0????? =991227??0?????	CW	(AB)
M21	4991.5	3-3	1739	Tue	=99?2039??9????? =99?2030??9????? =99?2043??9?????	CW	(AB)
M21	4306	3-3	1744	Tue	=992044??0????? =992045??0????? =992046??0?????	CW	(AB)
M21	7949.5	4-3	0456	Wed	=99?0756?9????? =99?0758?9????? =99?0800?9????? //8023 kHz	CW	(F5JBR-J)
M21	8023	4-3	0456	Wed	=99?0756?9????? =99?0758?9????? =99?0800?9????? //7949.5 kHz	CW	(F5JBR-J)
M21	5381.5	4-3	0518	Wed	=990818??0????? =990819??0????? =990820??0?????	CW	(F5JBR-J)
M21	3996	4-3	0837	Wed	=99?1137??9????? =99?1139??9????? =99?1130??9?????	CW	(F5JBR-J)
M21	4237	4-3	1935	Wed	=99?2235?9????? =99?2237?9????? =99?2239?9?????	CW	(F5JBR-J)
M21	6830.5	6-3	0543	Fri	=99?0843?9????? =99?0844?9????? =99?0845?9?????	CW	(F5JBR)
M21	8747	6-3	0839	Fri	=99?1139?9????? =99?1141?9????? =99?1143?9?????	CW	(F5JBR-J)
M21	5381.5	10-3	0700	Tue	=991000??0????? =991001??0????? =991002??0?????	CW	(F5JBR-J)
M21	7949.5	10-3	0720	Tue	=14407932975620 =14463938519620 =14474361939120	CW	(F5JBR-J)
M21	4237	11-3	1836	Wed	=99?2136?9????? =99?2137?9????? =99?2138?9?????	CW	(F5JBR-J)
M21	3314	11-3	1909	Wed	=992209??0????? =992210??0????? =992211??0?????	CW	(F5JBR-J)
M21	4191.5	11-3	1917	Wed	=992218??8????? =992219??8????? =992220??8?????	CW	(F5JBR)
M21	4391	11-3	1922	Wed	=992222??0????? =992223??0????? =992224??0????? //3314 kHz	CW	(F5JBR)
M21	3185	12-3	1020	Thu	=991320??8????? =4325232523??00 =991321??8?????	CW	(F5JBR)
M21	6425.5	12-3	1042	Thu	=10313410674441 =991342??0????? =10311410673642	CW	(F5JBR)
M21	6828	14-3	0626	Sat	=990926??8????? =990927??8????? =990928??8?????	CW	(F5JBR)
M21	4846.5	14-3	0639	Sat	=990944??0????? =990945??0????? =990946??0?????	CW	(F5JBR)
M21	4171	14-3	1730	Sat	=992030??8????? =992031??8????? =992032??8?????	CW	(F5JBR)
M21	3185	14-3	1740	Sat	=992040??8????? =992041??8????? =992042??8?????	CW	(F5JBR)
M21	3185	18-3	0754	Wed	=991054??8????? =991055??8????? =991056??8?????	CW	(F5JBR)
M21	3185	27-3	1507	Fri	=13436101275504 =13437101562804 =23437701950825 //6421.5 kHz	CW	(F5JBR)
M21	5402.5	30-3	0708	Mon	8500082353308 8500082353409 51785007130511700 8500082353510 19285001010	CW	(F5JBR)
M21	6425.5	30-3	0809	Mon	=991109??0????? =991110??0????? =991111??0?????	CW	(F5JBR)
M21	6793.5	30-3	1656	Mon	=991956??8????? =991957??8????? =991958??8?????	CW	(F5JBR)
M32	5293	2-3	0939	Mon	XXX XXX 1ShchRF 1ShchRF 19536 DOZhDINKA 4593 9736 K	CW	(Gwr)
M32	4379	2-3	1702	Mon	XXX XXX 1QRF 1QRF 52943 TIGROWAR 5032 5051	CW	(Gwr)
M32	3767	3-3	1018	Tue	XXX WAMQ 39587 MYRDWINKA 2847 0309 K	CW	(F5JBR-J)
M32	5270	9-3	1420	Mon	XXX XXX 9RPN 9RPN 21201 OPLAKIVANIT 7124 4010 KLUBOKIOSK 3323 5272 K	CW	(Gwr)
M32	5169	10-3	0952	Tue	XXX XXX ONG4 ONG4 51365 BORZOPIsYa 0855 7733 K	CW	(Gwr)
M32	5369	12-3	1037	Thu	XXX XXX WEGI WEGI 53629 SREZOSVAT 6107 0012 PODTESKA 0273 6985 K	CW	(Gwr)
M32	5169	12-3	1044	Thu	XXX XXX ONG4 ONG4 22373 V'YuNOFINN 2064 5635 K	CW	(Gwr)
M32	5107	12-3	1114	Thu	XXX XXX AKD9 AKD9 12138 KUMOVATT 0082 1835 K (pip cw)	CW	(Gwr)
M32	5169	13-3	1303	Fri	XXX XXX ONG4 ONG4 12828 BASOKADR 6990 3043 K	CW	(Gwr)

M32	5270	13-3	1420	Fri	XXX XXX 9RPN 9RPN 18192 OBMOTKA 1301 5829 K (same time and freq as XXX 9RPN on monday 9th march)	CW	(Gwr)
M32	8035	14-3	0856	Sat	XXX PECl PECl N N N N N N N N N N K PECl DE XCNC QBE K	FSK CW	(AB)
M32	5169	16-3	1438	Mon	XXX XXX ONG4 ONG4 83842 DELEN'E 1984 1784 K	CW	(Gwr)
M32	5107	17-3	1019	Tue	XXX XXX YWOM YWOM NYeYaSYT' 5091 K	CW	(Gwr)
M32	5376	17-3	1105	Tue	XXX XXX ZhZFY ZhZFY ZYeTOKOBYe 2485 K	CW	(Gwr)
M32	8051	18-3	0914	Wed	i.p. QSA NO QSY 25119 QSY 25119 K QSY 25119 QSY 25119 K QSY 25119 QSY 25119 K	CW	(AB)
M32	6521	20-3	0910	Fri	9CFQ 9CFQ DE CT2Z QBE QYT6 K 9CFQ 9CFQ DE CT2Z QBE QYT6 K RK	CW	(AB)
M32	5169	25-3	0928	Wed	XXX XXX ONG4 ONG4 09056 KURDOKEB 8026 0959 K	CW	(Gwr)
M32	5169	25-3	1128	Wed	XXX XXX ONG4 ONG4 27565 BULANYJ 8300 7255 K	CW	(Gwr)
M32	5270	25-3	1153	Wed	XXX XXX 3RCF 3RCF 83898 SAKOWOZ 0310 5660 INOGORODNIJ 6402 1536 BESTALANNYJ 5008 1402 K	CW	(Gwr)
M32	5370	25-3	1351	Wed	XXX XXX G5C' G5C' 38737 ZWUKOShNEK 4208 2365 K	CW	(Gwr)
M32	5292	26-3	1026	Thu	XXX XXX 1ShchRF 1ShchRF 15400 SKOWORODNYJ 6949 0664 K	USB	(Gwr)
M32	5169	26-3	1128	Thu	XXX XXX ONG4 ONG4 02565 LYaPOSKIT 0704 8117 K	CW	(Gwr)
M32a	6472	17-3	1510	Tue	RMP RMP DE RJC66 RJC66 ZZD4 K RJC66 DE RMP ZZD4 ZN? NOLX NOLX ODIN ZN? K RML DE RJC66 ZSL ZN	CW	(AB)
M32a	7815	23-3	0807	Mon	RFN77 DE RBL88 ZSA2 RRK RGR99 R = XXX ZSA1/NOK RGR99 DE RBL88 ZSA2 RK	CW	(AB)
M32a	7815	23-3	0834	Mon	RBL90 RBL90 RBL900 DE RBL88 RBL88 ZTT RK RBL88 03 27 23 1130 = 999 =	CW	(AB)
M32b	8816	3-3	0809	Tue	rjc38 rjf94 de 08236 qto 0800 qrd XUMO XLMD qre 1105 qbd 0630 k	CW	(WP3)
M32c	8029	14-3	0800	Sat	Russian Air Force Tu-95MS Bear H net. W-marker	CW	(F5JBR)
M32c	8029	14-3	0820	Sat	Russian Air Force Tu-95MS Bear H net. W-marker	CW	(AB/F5JBR)
M32c	8029	17-3	0820	Tue	Russian Air Force Tu-95MS Bear H net. W-marker	CW	(F5JBR)
M32c	8029	17-3	0840	Tue	Russian Air Force Tu-95MS Bear H net. W-marker	CW	(F5JBR)
M41	5934	12-3	0931	Thu	AYFM AYFM AR = 3700 9972747 91125511 670 1240 = 3700 9972796 91122511 680 1242	CW	(F5JBR)
M41	8081	13-3	0652	Fri	FHML FHML VVV VVV VVV FHML AR	CW	(F5JBR)
M41	4475	13-3	0837	Fri	=85000 839553 35 51785007120511600 36 =850008 39554 37 =8500883 9555 38 =85000 9533 39	CW	(F5JBR)
M41	5934	13-3	1016	Fri	AYFM: =3700997 2036 91100511800 1316 =3700 997 2117 911005118001322 =3700997 269391100511800 1326	CW	(F5JBR)
M41	4044.5	14-3	1526	Sat	=722194900 1601106 216172150 26 =722194900 260 384531357 2300 27 K	CW	(F5JBR)
M41	6222.5	16-3	0850	Mon	=3700 997559791 50511300 1154 =3700 99745 389150 511250 1158 =3700 99725 729140 511300 1158	CW	(F5JBR)
M41	4913.5	17-3	0728	Tue	=979108795 6628 979 9796268908628 = VVV VVV 979208095 06530979626 8 908730	CW	(F5JBR)
M41	4913	28-3	0600	Sat	V3DV 1948700 087149912881090080 RPT 72219487000871499128810900800 K	CW	(F5JBR)
M41	5052	28-3	0703	Sat	M5GT wkg O5U8 O5GR 191 9985 0883251165 7 23450848 ABV 19499850883251165723450848 AR	CW	(F5JBR)
M41	4317.5	31-3	0507	Tue	722191870 0087 1408 9128 ABV 722191870 0087 1408 9128 K SK	CW	(F5JBR)
M41	6784.5	31-3	0532	Tue	4RVU 1922411096271724 3004 093258724 3006 096 53424 ... AR K	CW	(F5JBR)

M41	4913.5	31-3	0706	Tue	8500083955306 8500083955507 8500082353308	CW	(F5JBR)
M41	4991.3	31-3	1258	Tue	9530 0826552 59 5530 0916559 58 9530 0826551 1600517 9510 41045114 000821	CW	(F5JBR)
M42	16259	12-3	0859	Thu	Russian diplo/intel.	MFSK	(AB)
M42	12145	16-3	0836	Mon	Russian diplo/intel.	MFSK	(AB)
M42	12151	17-3	0900	Tue	Russian diplo	MFSK-16/250Bd BPSK	(AB)
M42	7377	23-3	0800	Mon	RTR RTR RTR 2/500 Headers: 11100 50332 46195 23035 02509 and 11100 50332 79465 23036 02509	Baudot ITA2 75Bd/500Hz	(linkz)
M42	8024	23-3	1731	Mon	Russian diplo/intel. i.p.	MFSK	(AB)
M42	7377	25-3	0830	Wed	Russian diplo/intel. RTR RTR RTR 1/200 11100 50332 14789 25040 02009	Baudot ITA2 75/100	(AB)
M42	16350	28-3	0730	Sat	Russian Intel, Chita. 5FGs + 11100 80104 85236 28016 05003 and 5LGs	Baudot ITA2 100/500	(Danix)
M42	14907	28-3	0745	Sat	Russian Intel, Moscow. 5FGs + 11100 80104 36541 28016 05009 and 5LGs	Baudot ITA2 100/500	(Danix)
M42	16350	29-3	0730	Sun	Russian Intel, Chita. Opchat and messages	Baudot ITA2 100/500	(AB)
M42	14907	29-3	0750	Sun	Russian Intel, Moscow. Opchat and message	Baudot ITA2 100/500	(AB)
M42b	5731	12-3	0925	Thu	L2RS wkg KE4T	CW	(F5JBR)
M42b	6836	12-3	1106	Thu	KWLO wkg outstation. Opchat in CW, message in FSK 50/500	CW	(F5JBR)
M42b	5801	12-3	1109	Thu	RTXI wkg ULRS	CW	(F5JBR)
M42b	6126	12-3	1112	Thu	LDPV wkg OPQU QSA NO QSY 41020	CW	(F5JBR)
M42b	5062	13-3	1004	Fri	KWLO wkg KPGL. QSY 87743 QTC1	CW + FSK 50/500	(F5JBR)
M42b	5833	14-3	0620	Sat	ZE4A wkg EBCW	CW + FSK 50/500	(F5JBR)
M42b	7514	14-3	0645	Sat	LKDW wkg PRAT. QSY 20851 QSA4 K QTC1	CW + FSK 50/500	(F5JBR)
M42b	6776	16-3	0908	Mon	PJNE de WYGL QTC1 in CW, message in FSK 50/500	CW + FSK 50/500	(F5JBR)
M42b	7041	16-3	0939	Mon	DJRG wkg OPGC: QTC1 in CW, message in FSK 50/500, QRU NIL SK 73 in CW	CW + FSK 50/500	(F5JBR)
M42b	4023	17-3	1538	Tue	L5DS wkg M8SK. QTC1 937 11 17 1537 7647 FM 95433 FOR 91519 5FG message QRU NIL SK Message in FSK 50/500	CW + FSK 50/500	(F5JBR)
M42b	4461	18-3	0630	Wed	K2ED wkg M8SU: QRV R 098 101 18 0638 K QTC 1 ZZC? K (message in FSK) QRV K QLP 10 K R 099 0655 K QRU NIL SK (QSX 3352 kHz)	CW + FSK 50/500	(F5JBR)
M42b	3352	18-3	0648	Wed	M8SU wkg K2ED: ZTH PBL K. QTC1 ZTH QRV ? K. NW = 099 30 18 0625 4632 = K (QSX 4461 kHz)	CW	(F5JBR)
M42b	3362	18-3	0657	Wed	M8SU wkg K2ED: NW = 099 30 18 0625 4632 = K (message in CW) QRU NIL SK (QSX 4461 kHz)	CW	(F5JBR)
M42b	13922	18-3	0802	Wed	8DSF wkg ZUOB: QTC1 (message in FSK) (QSX 14456 kHz)	CW + FSK 50/500	(F5JBR)
M42b	13877	18-3	0818	Wed	UHC wkg RFD: QTC2 (QSX 9932 kHz)	CW	(F5JBR)
M42b	9932	18-3	0821	Wed	RFD wkg UHC: QTC2 (QSX 13877 kHz)	CW	(F5JBR)
M42b	11159	18-3	0821	Wed	RFD wkg UHC: SK SK (QSX 13877 kHz)	CW	(F5JBR)
M42b	4023	18-3	1915	Wed	L5DS wkg M8SK	CW	(F5JBR)
M42b	5421	20-3	0945	Fri	L2RS wkg KE4T (message in FSK)	CW + FSK 50/500	(F5JBR)
M42b	6766	20-3	1001	Fri	KPGL wkg WXR: QSW 860670)	CW	(F5JBR)
M42b	5756	20-3	1004	Fri	KPGL wkg WXR: QTC1 (message in FSK)	CW + FSK 50/500	(F5JBR)
M42b	12121	24-3	0807	Tue	S5WO QTC1 ZC QVP SLV K 149 100 24 0800 6128 = 25477 01815 14423 ... 28781 76192 47867 =100=	CW + FSK 50/500	(AB)

M42b	12121	26-3	0804	Thu	Russian diplo/intel. K9MR K9MR QTC1 OK K 464646464646464646 151 100 26 0759 2316 V = 151 100 26 0800 23 = = 100 26 0759 2316 K	CW + FSK 50/500	(AB)
M42b	12121	27-3	0801	Fri	FI17 FI17 FI17 DNPR DNPR QTC1 ZZC ZVP SLD K. 152 100 27 0800 9081 33003 63968 52492 ... 41507 46287 32114 =100=	CW + FSK 50/500	(AB)
M42b	4547	27-3	0832	Fri	MRLC wkg BZTJ QSA NO QSY 18736 QSA NO SK	CW	(F5JBR)
M42b	8067	27-3	0925	Fri	W9SP wkg LM7K QLP30	CW	(F5JBR)
M42b	8097	27-3	0927	Fri	W9SP wkg LM7K	CW + FSK 50/500	(F5JBR)
M42b	5062	27-3	1001	Fri	RMLD wkg KPGL	CW	(F5JBR)
M42b	5833	28-3	0623	Sat	ZE4A wkg EBCW (QSX on 5328 kHz)	CW + FSK 50/500	(F5JBR)
M42b	7514	28-3	0649	Sat	LKDW wkg PRAT	CW + FSK 50/500	(F5JBR)
M42b	2752	28-3	1815	Sat	PGUN wkg KU8I QRU NIL SK	CW + FSK 50/500	(F5JBR)
M42b	12121	31-3	0800	Tue	Opchat in CW: N1ZE N1ZE N1ZE QTC1 ZZK ZST SLDE DK. In FSK: 156 100 31 0753 2759 = 70088 56893 29126 ... 96397 35074 79333 =100= -0804=	CW + FSK 50/500	(AB)
M51a	6825	21-3	0800	Sat	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages CQ DE FAV22 VA //3881 kHz	CW	(AB)
M51a	3881	21-3	0800	Sat	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages CQ DE FAV22 VA //6825 kHz	CW	(AB)
M51b	6825	10-3	1445	Tue	Non-stop 5-character groups composed of M51a messages //3881 kHz	CW	(AB)
M51b	3881	10-3	1445	Tue	Non-stop 5-character groups composed of M51a messages //6825 kHz	CW	(AB)
M51b	6825	17-3	1643	Tue	Non-stop 5-character groups composed of M51a messages //3881 kHz	CW	(AB)
M51b	3881	17-3	1653	Tue	Non-stop 5-character groups composed of M51a messages //6825 kHz	CW	(AB)
M51b	3881	21-3	0840	Sat	Non-stop 5-character groups composed of M51a messages //6825 kHz	CW	(AB)
M51b	6825	21-3	0840	Sat	Non-stop 5-character groups composed of M51a messages //3881 kHz	CW	(AB)
M51b	3881	29-3	1005	Sun	Non-stop 5-character groups composed of M51a messages //6825 kHz	CW	(AB)
M51b	6825	29-3	1005	Sun	Non-stop 5-character groups composed of M51a messages //3881 kHz	CW	(AB)
M89	8157	1-3	0733	Sun	M8JF de RIS9 V	CW	(F5JBR-J)
M89	7653	1-3	0822	Sun	8RVF de CV4K V	CW	(F5JBR-J)
M89	6874	1-3	0836	Sun	M8JF de RIS9 V //8157 kHz	CW	(F5JBR-J)
M89	4870	1-3	0855	Sun	M8JF de RIS9 V //6874, 8157 kHz	CW	(F5JBR-J)
M89	3238	1-3	0926	Sun	M8JF de RIS9 V //4870, 6874, 8157 kHz	CW	(F5JBR-J)
M89	5858	1-3	0929	Sun	8FDH de 5J9K V	CW	(F5JBR-J)
M89	3238	2-3	1814	Mon	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	2-3	1814	Mon	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3842	2-3	1825	Mon	V 8FBH (x3) DE 5J9K (x2)	CW	(JPL)
M89	7653	2-3	1827	Mon	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	4131	2-3	1828	Mon	V JKDJ (x3) DE SLBC (x2) //4886	CW	(JPL)
M89	4886	2-3	1828	Mon	V JKDJ (x3) DE SLBC (x2) //4131	CW	(JPL)
M89	3784	3-3	1008	Tue	4UE8 wkg HNTL: MSG NR88/EX 18 10 RMKS CQ = Y5K3/R3A4 AR	CW	(F5JBR-J)
M89	3362	3-3	1030	Tue	KYU4 NR EX 1704 = ABF3/4FWK AR NR 3087/EX 1704 = ABF3/4FWK AR	CW	(F5JBR-J)

M89	3362	3-3	1038	Tue	OI8Y 0328EX 17 00 = WX2F/3WKQ AR NR0328/EX 1700 = WX2F/3WKQ AR	CW	(F5JBR-J)
M89	3362	3-3	1043	Tue	1M9B Wkg A0DF (MSG NR 05 CK 291 98 03031340 RMKS 1081 TO 9737 ...	CW	(F5JBR-J)
M89	3362	3-3	1049	Tue	OI8Y 0328EX 17 00 = WX2F/3WKQ AR NR0328/EX 1700 = WX2F/3WKQ AR K QSY 12 AR	CW	(F5JBR-J)
M89	5858	3-3	1106	Tue	V 8FDH (x3) DE 5J9K (x2) //10563 sending different roundslip	CW	(JPL)
M89	10563	3-3	1106	Tue	V 3D1U (x3) DE G25H (x2) //5858 sending different roundslip	CW	(JPL)
M89	7653	3-3	1109	Tue	V 8RVF (x3) DE CV4K (x2) Sending CVBT vice CV4K.	CW	(JPL)
M89	8157	3-3	1111	Tue	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	3-3	1111	Tue	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	4720	3-3	1130	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5150	3-3	1130	Tue	V WNF (x3) DE FXM (x2)(R5) QSA ? QSV K //4720	CW	(JPL)
M89	3238	3-3	1707	Tue	RIS9 wkg M8JF: MSG NR0304 CK 94 40 03 04 0105 RKMS 6545 TO 6895 8675 6175 ...	CW	(F5JBR-J)
M89	3842	3-3	1720	Tue	8FDH de 5J9K V	CW	(F5JBR-J)
M89	4860	3-3	1722	Tue	Q2M de NYZ VVV	CW	(F5JBR-J)
M89	3238	3-3	1755	Tue	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	3-3	1755	Tue	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	7653	3-3	1756	Tue	V 8RVF (x3) DE CV4K (x2) Sending CVBT vice CV4K.	CW	(JPL)
M89	3842	3-3	1759	Tue	V 8FBH (x3) DE 5J9K (x2)	CW	(JPL)
M89	4131	3-3	1800	Tue	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	5666	4-3	0700	Wed	QWB2 wkg L7DA MSG NR 13 CK91 63 03 04 1646 RMKS VIAJ TO VITV	CW	(F5JBR-J)
M89	4898	4-3	1900	Wed	QWS1 de 87DS V	CW	(F5JBR-J)
M89	4870	4-3	1908	Wed	M8JF de RIS9 V //3238	CW	(F5JBR-J)
M89	3842	4-3	1913	Wed	8FDH de 5J9K V	CW	(F5JBR-J)
M89	4620	4-3	1923	Wed	Q2M de NYZ VVV QSA ? K	CW	(F5JBR-J)
M89	7653	4-3	1929	Wed	8RVF de CV4K V	CW	(F5JBR-J)
M89	5858	5-3	0931	Tue	V 8FDH (x3) DE 5J9K (x2) //10563 sending different roundslip	CW	(JPL)
M89	10563	5-3	0931	Tue	V 3D1U (x3) DE G25H (x2) //5858 sending different roundslip	CW	(JPL)
M89	7653	5-3	0933	Tue	V 8RVF (x3) DE CV4K (x2) Note: Sending CVBT vice CV4K.	CW	(JPL)
M89	6688	5-3	0938	Tue	i.p. 76DA 3TND DA4T 76A7 ...	CW	(JPL)
M89	3238	5-3	1744	Tue	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	5-3	1744	Tue	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	7653	5-3	1746	Tue	V 8RVF (x3) DE CV4K (x2) Note: Sending CVBT vice CV4K.	CW	(JPL)
M89	6874	6-3	0750	Fri	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	8157	6-3	0750	Fri	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	7653	6-3	0753	Fri	V 8RVF (x3) DE CV4K (x2) Note: Sending CVBT vice CV4K.	CW	(JPL)
M89	5858	6-3	0756	Fri	V 3D1U (x3) DE G25H (x2)	CW	(JPL)
M89	8290	6-3	0820	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //10640 and 8390 and 6840	CW	(JPL)
M89	8390	6-3	0820	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //10640 and 8290 and 6840	CW	(JPL)
M89	10640	6-3	0820	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //8290 and 8390 and 6840	CW	(JPL)
M89	6840	6-3	0820	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //10640 and 8390 and 8290	CW	(JPL)

M89	10563	6-3	0838	Fri	V 3D1U (x3) DE G25H (x2) Note: Having technical issue with his roundslip	CW	(JPL)
M89	5177	6-3	0842	Fri	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	9012	6-3	0846	Fri	i.p. 4616 TO 4996 K AT5U D3D3 5.AU 4757 ...	CW	(JPL)
M89	4870	6-3	1200	Fri	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3238	6-3	1200	Fri	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	7653	6-3	1202	Fri	V 8RVF (x3) DE CV4K (x2) Note: roundslip back to normal.	CW	(JPL)
M89	3842	6-3	1206	Fri	V 3D1U (x3) DE G25H (x2) //4135	CW	(JPL)
M89	4135	6-3	1206	Fri	V 3D1U (x3) DE G25H (x2) Note: roundslip having technical issues. 4135 and 10563 using same roundslip, while //3842 and 5858 are normal.	CW	(JPL)
M89	5177	6-3	1210	Fri	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	4123	6-3	1211	Fri	i.p. 6AU4 3AD3 NNN3 46 R R RPT K R RPT K R 4677 5U3T T5DA A343 ...	CW	(JPL)
M89	4131	6-3	2354	Fri	V JKDJ (x3) DE SLBC (x2) //4886	CW	(JPL)
M89	4886	6-3	2354	Fri	V JKDJ (x3) DE SLBC (x2) //4131	CW	(JPL)
M89	2984	6-3	2358	Fri	V QWS1 (x3) DE 87DS (x2)	CW	(JPL)
M89	5858	7-3	0009	Sat	V 3D1U (x3) DE G25H (x2)	CW	(JPL)
M89	8157	7-3	0011	Sat	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	6874	7-3	0011	Sat	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	2984	7-3	0013	Sat	V QWS1 (x3) DE 87DS (x2)	CW	(JPL)
M89	4131	7-3	0015	Sat	V JKDJ (x3) DE SLBC (x2) //4886	CW	(JPL)
M89	4886	7-3	0015	Sat	V JKDJ (x3) DE SLBC (x2) //4131	CW	(JPL)
M89	4062	7-3	0023	Sat	DFPA (x3) DE TBZ3 (x2)	CW	(JPL)
M89	4870	7-3	1400	Sat	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3238	7-3	1400	Sat	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	7653	7-3	1403	Sat	V 8RVF (x3) DE CV4K (x2) Note: Sending CV= vice CV4K.	CW	(JPL)
M89	5858	7-3	1405	Sat	V 3D1U (x3) DE G25H (x2)	CW	(JPL)
M89	4131	7-3	1412	Sat	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	4123	7-3	1413	Sat	i.p. AU4D 5U36 UT63 643N 54AU ...	CW	(JPL)
M89	4119	7-3	1413	Sat	i.p. R IEC = 2538 AR K R KP VV J1RS DE H7VL K R QSA ? K IEC = 2521 AR K (Exercise related)	CW	(JPL)
M89	3659	7-3	1427	Sat	i.p. 4TDU 7N73 43ND DNT5 ...	CW	(JPL)
M89	3521	7-3	1430	Sat	i.p. D643 T7U5 NAT7 D65N AU34 ...	CW	(JPL)
M89	3366	7-3	1432	Sat	i.p. U75A 357A AD7T T34A 35U5 U6AD ...	CW	(JPL)
M89	3346	7-3	1433	Sat	i.p. R IEC SJU7 AR K R IEC SJU7 AR K (Exercise related) R HR 7G GA K	CW	(JPL)
M89	5858	8-3	0932	Sun	3D1U de G25H V	CW	(F5JBR-J)
M89	3238	9-3	1830	Mon	M8JF de RIS9 V //4870 kHz	CW	(F5JBR-J)
M89	4131	9-3	1833	Mon	JKDJ de SLBC V	CW	(F5JBR-J)
M89	3842	9-3	1923	Mon	3D1U de G25H V	CW	(F5JBR-J)
M89	10563	10-3	0752	Tue	3D1U de G25H V	CW	(F5JBR)
M89	4131	11-3	0027	Wed	V JKDJ (x3) DE SLBC (x2) //4886.6	CW	(JPL)
M89	4886.6	11-3	0027	Wed	V JKDJ (x3) DE SLBC (x2) //4131	CW	(JPL)

M89	8157	11-3	0029	Wed	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	6874	11-3	0029	Wed	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	7653	11-3	0030	Wed	V 8RVF (x3) DE CV4K (x2) Note: Sending CVBT vice CV4K.	CW	(JPL)
M89	10563	11-3	0032	Wed	V 3D1U (x3) DE G25H (x2) Note: Having technical issue with his roundslip. Sending 3DAUA (x3) DE 3D1U 1U G25H	CW	(JPL)
M89	10563	11-3	0044	Wed	V 3D1U (x3) DE G25H (x2) //5858 Note: Having technical issue with his roundslip. Sending 3DAUA (x3) DE 3D1U 1U G25H	CW	(JPL)
M89	5858	11-3	0044	Wed	V 3D1U (x3) DE G25H (x2) //10563	CW	(JPL)
M89	8360	11-3	0920	Wed	Q2M de NYZ VVV QSA ? K	CW	(F5JBR-J)
M89	5120	11-3	1001	Wed	G1JY wkg DXGI EGRT 1J9W 279B T8D6 5AUH. Outstations respond as X2C4 65IO B4BX 47D2 4X8U	CW	(F5JBR-J)
M89	7832	11-3	1002	Wed	CQ (x3) DE DP91 V HR NIL SK GB //6212	CW	(JPL)
M89	6212	11-3	1002	Wed	CQ (x3) DE DP91 (x2) V HR NIL SK GB //7832	CW	(JPL)
M89	5177	11-3	1015	Wed	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	4620	11-3	1422	Wed	Q2M de NYZ VVV QSA ? K	CW	(F5JBR-J)
M89	8156	11-3	1936	Wed	JKDJ de SLBC V	CW	(F5JBR)
M89	4131	11-3	1948	Wed	JKDJ de SLBC V //8156 kHz	CW	(F5JBR)
M89	4870	11-3	2308	Wed	V M8JF (x3) DE RIS9 (x2) //6874 and 8157	CW	(JPL)
M89	8157	11-3	2308	Wed	V M8JF (x3) DE RIS9 (x2) //4870 and 6874	CW	(JPL)
M89	6874	11-3	2308	Wed	V M8JF (x3) DE RIS9 (x2) //4870 and 8157	CW	(JPL)
M89	7653	11-3	2311	Wed	V 8RVF (x3) DE CV4K (x2) Note: Sending CVBT vice CV4K.	CW	(JPL)
M89	3842	11-3	2313	Wed	V 3D1U (x3) DE G25H (x2)	CW	(JPL)
M89	4131	11-3	2314	Wed	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	4131	13-3	1831	Fri	V JKDJ (x3) DE SLBC (x2) //4886	CW	(JPL)
M89	4886	13-3	1831	Fri	V JKDJ (x3) DE SLBC (x2) //4131	CW	(JPL)
M89	4870	13-3	1836	Fri	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3238	13-3	1836	Fri	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	7653	13-3	1838	Fri	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	3842	13-3	1840	Fri	V 3D1U (x3) DE G25H (x2)	CW	(JPL)
M89	4886	15-3	1521	Sun	JKDJ de SLBC V //4131 kHz	CW	(F5JBR)
M89	4620	15-3	1524	Sun	Q2M de NYZ VVV and QSA ? K	CW	(F5JBR)
M89	6840	16-3	0920	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //10640 and 8390 and 8290	CW	(JPL)
M89	10640	16-3	0920	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //8360 8290 and 6840	CW	(JPL)
M89	8290	16-3	0920	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //10640 and 8290 and 6840	CW	(JPL)
M89	8360	16-3	0920	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //10640 and 8360 and 6840	CW	(JPL)
M89	8350	16-3	0930	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	7620	16-3	0930	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	7653	16-3	0958	Mon	V 7TEF (x3) DE 8R4F (x2) i.p. Note: New roundslip. Previously sending 8RVF DE CV4K	CW	(JPL)
M89	5858	16-3	1002	Mon	V 3D1U (x3) DE G25H (x2) //10563	CW	(JPL)

M89	10563	16-3	1002	Mon	V 3D1U (x3) DE G25H (x2) //5858 Still having technical issue with his roundslip. Sending 3DAUA (x3) DE 3D1U 1U G25H	CW	(JPL)
M89	7832	16-3	1005	Mon	DP91CQ (x3) DE V HR NIL SK GB //6212	CW	(JPL)
M89	6212	16-3	1005	Mon	CQ (x3) DE DP91 (x2) V //7832	CW	(JPL)
M89	5177	16-3	1013	Mon	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	6667	16-3	1016	Mon	i.p. A7N6 UAA3 3564 7NT5 ...	CW	(JPL)
M89	4131	16-3	1405	Mon	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	4898	16-3	1406	Mon	V QWS1 (x3) DE 87DS (x2)	CW	(JPL)
M89	2978	16-3	1407	Mon	i.p. 3643 U47D N6T3 NU4D AR QSL ? HR WKR NR 037 OK K	CW	(JPL)
M89	2984	16-3	1420	Mon	V QWS1 (x3) DE 87DS (x2)	CW	(JPL)
M89	3238	16-3	1425	Mon	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	16-3	1425	Mon	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	7653	16-3	1427	Mon	V 7TEF (x3) DE 8R4F (x2)	CW	(JPL)
M89	3842	16-3	1429	Mon	V 3D1U (x3) DE G25H (x2)	CW	(JPL)
M89	4131	17-3	1833	Tue	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	4870	17-3	1834	Tue	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3238	17-3	1834	Tue	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	7653	17-3	1836	Tue	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	2984	17-3	1838	Tue	V QWS1 (x3) DE 87DS (x2)	CW	(JPL)
M89	3842	17-3	1839	Tue	V 3D1U (x3) DE G25H (x2)	CW	(JPL)
M89	2984	17-3	1915	Tue	QWS1 de 87DS V	CW	(F5JBR)
M89	5479	18-3	0238	Wed	V YHXD (x3) DE SAQC (x2) //10722	CW	(JPL)
M89	10722	18-3	0238	Wed	V YHXD (x3) DE SAQC (x2) //5479	CW	(JPL)
M89	8157	18-3	0923	Wed	v m8jf m8jf m8jf de ris9 ris9	CW	(RL)
M89	7553	18-3	0953	Wed	XSV70 i.p. ZNN SK //9153	CW	(JPL)
M89	9153	18-3	0953	Wed	XSV70 i.p. ZNN SK //7553	CW	(JPL)
M89	6212	18-3	1000	Wed	CQ (x3) DE DP91 (x2) V HR NIL SK GB //7832	CW	(JPL)
M89	7832	18-3	1001	Wed	DP91 CQ (x3) DE V //6212	CW	(JPL)
M89	5479	18-3	1015	Wed	V YHXD (x3) DE SAQC (x2) //10722	CW	(JPL)
M89	10722	18-3	1015	Wed	V YHXD (x3) DE SAQC (x2) //5479	CW	(JPL)
M89	4870	19-3	1108	Thu	V M8JF (x3) DE RIS9 (x2)	CW	(JPL)
M89	7653	19-3	1110	Thu	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	5858	19-3	1111	Thu	V 3D1U (x3) DE G25H (x2)	CW	(JPL)
M89	5177	19-3	1113	Thu	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	5381	19-3	1114	Thu	i.p. OS/PJ = 1224/EX 1914 = 51OS/PJ.. AR QSY 18 QSY 18 AR VVV	CW	(JPL)
M89	6874	20-3	0728	Fri	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	8157	20-3	0728	Fri	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	7653	20-3	0730	Fri	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	5858	20-3	0742	Fri	V 3D1U (x3) DE G25H (x2)	CW	(JPL)

M89	8157	23-3	0923	Mon	v m8jf m8jf m8jf de ris9 ris9	CW	(RL)
M89	7653	25-3	1800	Wed	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	4870	25-3	1801	Wed	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3238	25-3	1801	Wed	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4135	25-3	1803	Wed	V 3D1U (x3) DE G25H (x2) //3842	CW	(JPL)
M89	3842	25-3	1803	Wed	V 3D1U (x3) DE G25H (x2) //4135	CW	(JPL)
M89	4131	25-3	1807	Wed	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	7832	27-3	1000	Fri	DP91CQ (x3) DE V HR NIL SK GB //6212	CW	(JPL)
M89	6212	27-3	1000	Fri	CQ (x3) DE DP91 (x2) V HR NIL SK GB //7832	CW	(JPL)
M89	7653	27-3	1012	Fri	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	10563	27-3	1014	Fri	V 3D1U (x3) DE G25H (x2) Note: Still having technical issue with his roundslip	CW	(JPL)
M89	4870	27-3	1014	Fri	V M8JF (x3) DE RIS9 (x2)	CW	(JPL)
M89	5858	27-3	1057	Fri	V 3D1U (x3) DE G25H (x2) //10563	CW	(JPL)
M89	10653	27-3	1057	Fri	V 3D1U (x3) DE G25H (x2) //5858 Note: Still having technical issue with his roundslip	CW	(JPL)
M89	4832	27-3	1631	Fri	CQ de DP91 CQ de DP91 DP91 HR NIL SK GB	CW	(F5JBR)
M89	10653	28-3	1051	Sat	V 3D1U (x3) DE G25H (x2) //5858 Note: Still having technical issue with his roundslip	CW	(JPL)
M89	5858	28-3	1051	Sat	V 3D1U (x3) DE G25H (x2) //10563	CW	(JPL)
M89	7653	28-3	1052	Sat	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	6856	28-3	1054	Sat	i.p. 4N57 UDNT UD7T U5NN U5N6 AR K R RPT 36W = N3T7 N3T7 AR K	CW	(JPL)
M89	4870	28-3	1102	Sat	V M8JF (x3) DE RIS9 (x2)	CW	(JPL)
M89	5751	28-3	1104	Sat	i.p. CQ K 1904 K 376D 5NA4 DUN5NT T7T3 TT5D DA3A T7TN4NN A7A647 ...	CW	(JPL)
M89	5751	28-3	1108	Sat	i.p. /EX CK 21 24 0328 1900 RMKS XI5Q TO DTIBX = 5T3A 5N4A 46DN 6UN3 547U ... SK GB	CW	(JPL)
M89	4131	28-3	1836	Sat	V JKDJ (x3) DE SLBC (x2) //4886	CW	(JPL)
M89	4886	28-3	1836	Sat	V JKDJ (x3) DE SLBC (x2) //4131	CW	(JPL)
M89	3842	28-3	1838	Sat	V 3D1U (x3) DE G25H (x2)	CW	(JPL)
M89	4870	28-3	1841	Sat	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3238	28-3	1841	Sat	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	7653	28-3	1842	Sat	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	6840	29-3	1120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	4860	29-3	1120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	4870	29-3	1125	Sun	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3238	29-3	1125	Sun	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	7653	29-3	1127	Sun	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	3842	29-3	1128	Sun	V 3D1U (x3) DE G25H (x2)	CW	(JPL)
M89	4720	29-3	1130	Sun	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K	CW	(JPL)
M89	5177	29-3	1158	Sun	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	5177	30-3	0026	Mon	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	6874	30-3	0027	Mon	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	8157	30-3	0027	Mon	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)

M89	7653	30-3	0029	Mon	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	5858	30-3	0030	Mon	V 3D1U (x3) DE G25H (x2) //(10563	CW	(JPL)
M89	10563	30-3	0030	Mon	V 3D1U (x3) DE G25H (x2) //(5858 Note: Still having technical issue with his roundslip	CW	(JPL)
M89	7653	30-3	0748	Mon	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	10563	30-3	0749	Mon	V 3D1U (x3) DE G25H (x2) Note: Still having technical issue with his roundslip	CW	(JPL)
M89	6874	30-3	0750	Mon	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	8157	30-3	0750	Mon	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	8537	30-3	0755	Mon	i.p. 7 1555 RMKS 2966 TO 2482 RMKS 2966 TO 2482 = COMM/1610/W1994/2966/2482 AR QSL ? HR WK NR 1260 HR WK NR 1260 SK SK	CW	(JPL)
M89	4860	30-3	0810	Mon	i.p. DUU6 U465 TA7D DDU6 U4D3 343A ...	CW	(JPL)
M89	10640	30-3	0820	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //8360 and 8290 and 6840	CW	(JPL)
M89	6840	30-3	0820	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //10640 and 8390 and 8290	CW	(JPL)
M89	8290	30-3	0820	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //10640 and 8360 and 6840	CW	(JPL)
M89	8360	30-3	0820	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //10640 and 8360 and 6840	CW	(JPL)
M89	7125	30-3	0836	Mon	R HR WK NR 22 K R HR WK NR 340 K (Both stations on this frequency) R OK SK SK R OK SK	CW	(JPL)
M89	4860	30-3	1054	Mon	i.p. 75DT T3UT 3AD7 55D7 N37D II = = T7N4 A74A N3NT N745 (ContEd)	CW	(JPL)
M89	8157	30-3	2247	Mon	V M8JF (x3) DE RIS9 (x2) //6874 and 4870	CW	(JPL)
M89	4870	30-3	2247	Mon	V M8JF (x3) DE RIS9 (x2) //8157 and 6874.	CW	(JPL)
M89	6874	30-3	2247	Mon	V M8JF (x3) DE RIS9 (x2) //8157 and 4870	CW	(JPL)
M89	3842	30-3	2250	Mon	V 3D1U (x3) DE G25H (x2)	CW	(JPL)
M90	4852	17-3	0702	Tue	Net control XVSQ wkg outstations CQXJ PBFJ K6ZJ MXV5 E5BJ TSXS INT ZNB 09125 ZBO K R 1000B ZEU GR10 5LG-message	CW	(F5JBR)
M95	5479	3-3	1100	Tue	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	3-3	1100	Tue	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	5656	3-3	1114	Tue	05 05 05 56457N N.U34 05 DTU3 4.7.674 7..67D.A ... 05 05 05 (ContEd) 3.567.345N DNA 05 05 05	CW	(JPL)
M95	4364	3-3	1142	Tue	V BNGC (x3) DE XSV85 HR MSGS GA PSE CY NR 0213 CK 3.2 35 0303 ...1 = TT3 3U6 3AN 3U.... //8073	CW	(JPL)
M95	8073	3-3	1142	Tue	V BNGC (x3) DE XSV85 HR MSGS GA PSE CY NR 0213 CK 3.2 35 0303 ...1 = TT3 3U6 3AN 3U.... //4364	CW	(JPL)
M95	4243	3-3	1153	Tue	VV HR MSG TO YR PSE CY NR 06 CK 216 35 0303 1538 = UTU TT3 3U6 3A4 7TU 7TA NU6 736 N44 7T5 ...	CW	(JPL)
M95	3968	3-3	1753	Tue	V YHxD (x3) DE SAQC (x2)	CW	(JPL)
M95	5479	5-3	0928	Tue	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	5-3	0928	Tue	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	3968	5-3	1741	Tue	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	10722	6-3	0840	Fri	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	5479	6-3	0840	Fri	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	4363	6-3	1142	Fri	V BNGC (x3) DE XSV85 (x2) //8073	CW	(JPL)

M95	8073	6-3	1142	Fri	V BNGC (x3) DE XSV85 (x2) //4364	CW	(JPL)
M95	4243	6-3	1145	Fri	VV HR 7G TO YR PSE CY NR 046 CK 24 35 0306 1518 = 5AA UTT TT6 3U6 3A4 ...	CW	(JPL)
M95	3968	7-3	0005	Sat	V YHDX (x3) DE SAQC (x2)	CW	(JPL)
M95	5479	7-3	1359	Sat	V YHDX (x3) DE SAQC (x2)	CW	(JPL)
M95	6936	11-3	0023	Wed	V YHDX (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	3968	11-3	0023	Wed	V YHDX (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	5479	11-3	1013	Wed	V YHDX (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	11-3	1013	Wed	V YHDX (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	5393	11-3	1025	Wed	i.p. R HR WK NR 14 K R OK R NIL SK K (Both stations on this frequency) R NIL SK	CW	(JPL)
M95	5479	11-3	1031	Wed	V YHDX (x3) DE SAQC (x2) VV HR SVC GA NR 076 1830 RMKS 9684 TO 9897 = CL/1900/ZBT/9684/9897 AR QSL ? HR WK NR 120 K	CW	(JPL)
M95	3968	11-3	2306	Wed	V YHDX (x3) DE SAQC (x2)	CW	(JPL)
M95	3968	13-3	1834	Fri	V YHDX (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	13-3	1834	Fri	V YHDX (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	6936	15-3	1446	Sun	YHDX de SAQC V	CW	(F5JBR)
M95	3968	15-3	1513	Sun	YHDX de SAQC V //6936 kHz	CW	(F5JBR)
M95	7553	16-3	0936	Mon	XSV70 i.p. NAU N6A N3U TU7 MSG AGN NR 7 CK 29 49 0316 1700 3A5 6D4 TU6 6T5 4TA ... //9153	CW	(JPL)
M95	9153	16-3	0936	Mon	XSV70 i.p. NAU N6A N3U TU7 MSG AGN NR 7 CK 29 49 0316 1700 3A5 6D4 TU6 6T5 4TA ... //9153	CW	(JPL)
M95	10722	16-3	0955	Mon	V YHDX (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	5479	16-3	0955	Mon	V YHDX (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	6936	17-3	1830	Tue	V YHDX (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	3968	17-3	1830	Tue	V YHDX (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	7653	18-3	0240	Wed	V 8RVF (x3) DE CV4K (x2) Note: Back to sending CVBT vice CV4K	CW	(JPL)
M95	10563	18-3	0241	Wed	V 3D1U (x3) DE G25H (x2) Note: Still having technical issue with his R/S. Sending 3DAUA (x3) DE 3D1U 1U G25H	CW	(JPL)
M95	8157	18-3	0243	Wed	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M95	6874	18-3	0243	Wed	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M95	5177	18-3	0245	Wed	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M95	9067	18-3	0254	Wed	i.p. R HR OK NR 00130 K R HR NIL SK K	CW	(JPL)
M95	3238	18-3	0959	Wed	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M95	4870	18-3	0959	Wed	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M95	7653	18-3	1006	Wed	V 7TEF (x3) DE 8R4F (x2)	CW	(JPL)
M95	5177	18-3	1022	Wed	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M95	5479	19-3	1106	Thu	V YHDX (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	19-3	1106	Thu	V YHDX (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	5479	20-3	0726	Fri	V YHDX (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	20-3	0726	Fri	V YHDX (x3) DE SAQC (x2) //5479	CW	(JPL)

M95	3968	20-3	1808	Mon	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	20-3	1808	Mon	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	3968	25-3	1811	Wed	V YHxD (x3) DE SAQC (x2)	CW	(JPL)
M95	10722	26-3	0829	Thu	YHxD de SAQC V HR SVC NR026 1630 RMKS 9684 TO 9888 = CL/1700/A414/8854/9817 AR QSL ? K YHxD de SAQC V	CW	(F5JBR)
M95	5479	27-3	1018	Fri	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	27-3	1018	Fri	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	8707	27-3	1024	Fri	i.p. N7DN DAT7 4U5T 4U35 NT34 ... AR VV J5CY DE BJ9X K R DBMD DE NDCB R QSA 2 QSA ? K	CW	(JPL)
M95	5479	28-3	1047	Sat	YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	28-3	1047	Sat	YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	4364	28-3	1138	Sat	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 02.0 CK 3 NR 02.0 CK 301 35 0328 1608 = TUD 3U6 3AN ... //8073	CW	(JPL)
M95	8073	28-3	1138	Sat	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 02.0 CK 3 NR 02.0 CK 301 35 0328 1608 = TUD 3U6 3AN ... //4364	CW	(JPL)
M95	4243	28-3	1148	Sat	V HR 7G TO YR PSE CY NR 090 CK 45 35 0328 1541 = 5AA UTT TUD 3U6 3A4 5T7 5TD 75U 35A U4T 353 4A3 ...	CW	(JPL)
M95	3968	28-3	1830	Sat	YHxD (x3) DE SAQC (x2)//6936	CW	(JPL)
M95	6936	28-3	1830	Sat	YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	8073	29-3	1130	Sun	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0272 CK 258 35 0329 1557 = TUN 3U6 3AN 3U7 TAU 773 TA7 773 357 373 ... //4364	CW	(JPL)
M95	4364	29-3	1140	Sun	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0272 CK 258 35 0329 1557 = TUN 3U6 3AN 3U7 TAU 773 TA7 773 357 373 ... //8073	CW	(JPL)
M95	4243	29-3	1148	Sun	V HR 7G TO YR PSE CY NR 092 CK 28 35 0329 1514 = 5AA UTT TUN 3U6 3A4 5T7 5TD 75U ...	CW	(JPL)
M95	6936	30-3	0024	Mon	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	3968	30-3	0024	Mon	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	10722	30-3	0745	Mon	V YHxD (x3) DE SAQC (x2) (/5479	CW	(JPL)
M95	5479	30-3	0745	Mon	V YHxD (x3) DE SAQC (x2) SVC GA NR 089 1600 RMKS 9684 TO 7322 = COMM/1630/XZ413/35/9681/7322 AR QSL ? HR WK NR 34 K //10722	CW	(JPL)
M95	10722	30-3	0801	Mon	V YHxD (x3) DE SAQC (x2) SVC GA NR 089 1600 RMKS 9684 TO 7322 = COMM/1630/XZ413/35/9681/7322 AR QSL ? HR WK NR 34 K //5479	CW	(JPL)
M95	3968	30-3	2245	Mon	V YHxD (x3) DE SAQC (x2)	CW	(JPL)
MX	5156.7	2-3	0905	Mon	Beacon L, St Petersburg	CW	(ChPa)
MX	5590	2-3	1302	Mon	Beacon V	CW	(ES-RUS)
MX	5590	2-3	1314	Mon	Beacon V	CW	(ES-RUS)
MX	4558.4	3-3	1702	Tue	Beacon M, Magadan	CW	(F5JBR-J)
MX	4558.2	3-3	1702	Tue	Beacon F, Vladivostok	CW	(F5JBR-J)
MX	5466	3-3	1812	Tue	Beacon V	CW	(AB)
MX	5466	5-3	1756	Thu	Beacon V	CW	(AB)
MX	5466	10-3	1759	Tue	Beacon V	CW	(AB)

MX	5466	12-3	1533	Thu	Beacon V	CW	(AB)
MX	5466	17-3	1732	Tue	Beacon V	CW	(AB)
MX	5466	19-3	1732	Thu	Beacon V	CW	(AB)
MX	13428	23-3	1158	Mon	Beacon C, Moscow	CW	(AB)
MX	13528.1	23-3	1158	Mon	Beacon S, Sevromorsk (should be on 13527.9 kHz)	CW	(AB)
MX	13527.8	23-3	1158	Mon	Beacon D, Sevastopol	CW	(AB)
MX	5466	24-3	1731	Tue	Beacon V	CW	(AB)
MX	13527.8	26-3	1155	Thu	Beacon P, Kaliningrad	CW	(MPJ)
MX	5466	31-3	1738	Tue	Beacon V	CW	(AB)
MXV	5590	8-3	0759	Sun	Beacon V	CW	(ES)
MXV	7727	8-3	0759	Sun	Beacon V	CW	(ES)
MXV	5590	30-3	0706	Mon	Beacon V	CW	(ES)
MXV	7727	30-3	0707	Mon	Beacon V	CW	(ES)
P03a	10302	1-3	1505	Sun	Polish intel.	BPSK 62.5Bd	(AB)
P03b	4909	1-3	0610	Sun	Polish intel.	QPSK 62.5Bd	(AB)
P03b	4909	1-3	0615	Sun	Polish intel.	QPSK 62.5Bd	(AB)
P03d	10630	2-3	0940	Mon	Polish intel.	QPSK 125Bd	(AB)
P03d	10630	2-3	0945	Mon	Polish intel.	QPSK 125Bd	(AB)
P03d	10641	6-3	0940	Fri	Polish intel.	QPSK 125Bd	(AB)
P03d	10641	6-3	0945	Fri	Polish intel.	QPSK 125Bd	(AB)
P03d	10641	9-3	0940	Mon	Polish intel.	QPSK 125Bd	(AB)
P03d	10641	9-3	0945	Mon	Polish intel.	QPSK 125Bd	(AB)
P03d	10641	13-3	0940	Fri	Polish intel.	QPSK 125Bd	(AB)
P03d	10641	13-3	0945	Fri	Polish intel.	QPSK 125Bd	(AB)
P03d	10641	16-3	0940	Mon	Polish intel.	QPSK 125Bd	(AB)
P03d	10641	16-3	0945	Mon	Polish intel.	QPSK 125Bd	(AB)
P03d	10641	20-3	0940	Fri	Polish intel.	QPSK 125Bd	(AB)
P03d	10641	20-3	0945	Fri	Polish intel.	QPSK 125Bd	(AB)
P03d	10641	23-3	0940	Mon	Polish intel.	QPSK 125Bd	(AB)
P03d	10641	23-3	0945	Mon	Polish intel.	QPSK 125Bd	(AB)
P03d	10641	27-3	0940	Fri	Polish intel.	QPSK 125Bd	(AB)
P03d	10641	27-3	0945	Fri	Polish intel.	QPSK 125Bd	(AB)
P03d	10641	30-3	0940	Mon	Polish intel.	QPSK 125Bd	(AB)
P03d	10641	30-3	0945	Mon	Polish intel.	QPSK 125Bd	(AB)
P03e	14972	1-3	1440	Sun	Polish intel.	QPSK 100Bd	(AB/MPJ)
P03e	14972	1-3	1445	Sun	Polish intel.	QPSK 100Bd	(AB/MPJ)
P03e	5344	1-3	1725	Sun	Polish intel.	QPSK 100Bd/488-bp	(AB/MPJ)
P03e	5344	1-3	1730	Sun	Polish intel.	QPSK 100Bd/488-bp	(AB/MPJ)
P03e	13911	2-3	0530	Mon	Polish intel.	QPSK 100Bd	(AB-POL)

P03e	13911	2-3	0535	Mon	Polish intel.	QPSK 100Bd	(AB-POL)
P03e	5344	3-3	1725	Tue	Polish intel.	QPSK 100Bd/488-bp	(AB)
P03e	5344	3-3	1730	Tue	Polish intel.	QPSK 100Bd/488-bp	(AB)
P03e	13911	4-3	0530	Wed	Polish intel.	QPSK 100Bd	(AB)
P03e	13911	4-3	0535	Wed	Polish intel.	QPSK 100Bd	(AB)
P03e	14972	6-3	1440	Fri	Polish intel.	QPSK 100Bd	(AB/MPJ)
P03e	14972	6-3	1445	Fri	Polish intel.	QPSK 100Bd	(AB/MPJ)
P03e	14972	8-3	1440	Sun	Polish intel.	QPSK 100Bd	(MPJ)
P03e	14972	8-3	1445	Sun	Polish intel.	QPSK 100Bd	(MPJ)
P03e	5344	8-3	1725	Sun	Polish intel.	QPSK 100Bd/488-bp	(AB/MPJ)
P03e	5344	8-3	1730	Sun	Polish intel.	QPSK 100Bd/488-bp	(AB/MPJ)
P03e	13911	9-3	0530	Mon	Polish intel.	QPSK 100Bd	(AB-POL)
P03e	13911	9-3	0535	Mon	Polish intel.	QPSK 100Bd	(AB-POL)
P03e	5344	10-3	1725	Tue	Polish intel.	QPSK 100Bd/488-bp	(AB)
P03e	5344	10-3	1730	Tue	Polish intel.	QPSK 100Bd/488-bp	(AB)
P03e	13911	11-3	0530	Wed	Polish intel.	QPSK 100Bd	(AB)
P03e	13911	11-3	0535	Wed	Polish intel.	QPSK 100Bd	(AB)
P03e	14972	13-3	1440	Fri	Polish intel.	QPSK 100Bd	(AB/MPJ)
P03e	14972	13-3	1445	Fri	Polish intel.	QPSK 100Bd	(AB/MPJ)
P03e	14972	15-3	1440	Sun	Polish intel.	QPSK 100Bd	(AB)
P03e	14972	15-3	1445	Sun	Polish intel.	QPSK 100Bd	(AB)
P03e	5344	15-3	1725	Sun	Polish intel.	QPSK 100Bd/488-bp	(AB)
P03e	5344	15-3	1730	Sun	Polish intel.	QPSK 100Bd/488-bp	(AB)
P03e	13911	16-3	0530	Mon	Polish intel.	QPSK 100Bd	(AB-POL)
P03e	13911	16-3	0535	Mon	Polish intel.	QPSK 100Bd	(AB-POL)
P03e	5344	17-3	1725	Tue	Polish intel.	QPSK 100Bd/488-bp	(AB)
P03e	5344	17-3	1730	Tue	Polish intel.	QPSK 100Bd/488-bp	(AB)
P03e	13911	18-3	0530	Wed	Polish intel.	QPSK 100Bd	(AB)
P03e	13911	18-3	0535	Wed	Polish intel.	QPSK 100Bd	(AB)
P03e	14972	20-3	1440	Fri	Polish intel.	QPSK 100Bd	(AB-POL)
P03e	14972	20-3	1445	Fri	Polish intel.	QPSK 100Bd	(AB-POL)
P03e	14972	22-3	1440	Sun	Polish intel.	QPSK 100Bd	(AB)
P03e	14972	22-3	1445	Sun	Polish intel.	QPSK 100Bd	(AB)
P03e	5344	22-3	1725	Sun	Polish intel.	QPSK 100Bd/488-bp	(AB/MPJ)
P03e	5344	22-3	1730	Sun	Polish intel.	QPSK 100Bd/488-bp	(AB/MPJ)
P03e	13911	23-3	0530	Mon	Polish intel.	QPSK 100Bd	(AB-POL)
P03e	13911	23-3	0535	Mon	Polish intel.	QPSK 100Bd	(AB-POL)
P03e	7317	24-3	0900	Tue	Polish intel.	QPSK 100Bd	(AB)
P03e	7317	24-3	0905	Tue	Polish intel.	QPSK 100Bd	(AB)

P03e	5344	24-3	1725	Tue	Polish intel.	QPSK 100Bd/488-bp	(AB)
P03e	5344	24-3	1730	Tue	Polish intel.	QPSK 100Bd/488-bp	(AB)
P03e	13911	25-3	0530	Wed	Polish intel.	QPSK 100Bd	(AB-POL)
P03e	13911	25-3	0535	Wed	Polish intel.	QPSK 100Bd	(AB-POL)
P03e	7317	27-3	0900	Fri	Polish intel.	QPSK 100Bd	(AB)
P03e	7317	27-3	0905	Fri	Polish intel.	QPSK 100Bd	(AB)
P03e	14972	27-3	1440	Fri	Polish intel.	QPSK 100Bd	(AB/MPJ)
P03e	14972	27-3	1445	Fri	Polish intel.	QPSK 100Bd	(AB/MPJ)
P03e	14972	29-3	1440	Sun	Polish intel.	QPSK 100Bd	(AB)
P03e	14972	29-3	1445	Sun	Polish intel.	QPSK 100Bd	(AB)
P03e	5344	29-3	1725	Sun	Polish intel.	QPSK 100Bd/488-bp	(AB)
P03e	5344	29-3	1730	Sun	Polish intel.	QPSK 100Bd/488-bp	(AB)
P03e	13911	30-3	0530	Mon	Polish intel.	QPSK 100Bd	(AB-POL)
P03e	13911	30-3	0535	Mon	Polish intel.	QPSK 100Bd	(AB-POL)
P03e	7317	31-3	0900	Tue	Polish intel.	QPSK 100Bd	(AB)
P03e	7317	31-3	0905	Tue	Polish intel.	QPSK 100Bd	(AB)
P03e	5344	31-3	1725	Tue	Polish intel.	QPSK 100Bd/488-bp	(AB)
P03e	5344	31-3	1730	Tue	Polish intel.	QPSK 100Bd/488-bp	(AB)
P03f	6849	3-3	1100	Tue	Polish intel.	QPSK 200Bd/496-bp	(AB)
P03f	6849	3-3	1105	Tue	Polish intel.	QPSK 200Bd/496-bp	(AB)
P03f	6849	4-3	1100	Wed	Polish intel.	QPSK 200Bd/496-bp	(AB)
P03f	6849	4-3	1105	Wed	Polish intel.	QPSK 200Bd/496-bp	(AB)
P03f	6849	10-3	1100	Tue	Polish intel.	QPSK 200Bd/496-bp	(AB)
P03f	6849	10-3	1105	Tue	Polish intel.	QPSK 200Bd/496-bp	(AB)
P03f	6849	11-3	1100	Wed	Polish intel.	QPSK 200Bd/496-bp	(AB)
P03f	6849	11-3	1105	Wed	Polish intel.	QPSK 200Bd/496-bp	(AB)
P03f	6849	17-3	1100	Tue	Polish intel.	QPSK 200Bd/496-bp	(AB)
P03f	6849	17-3	1105	Tue	Polish intel.	QPSK 200Bd/496-bp	(AB)
P03f	6849	18-3	1100	Wed	Polish intel.	QPSK 200Bd/496-bp	(AB)
P03f	6849	18-3	1105	Wed	Polish intel.	QPSK 200Bd/496-bp	(AB)
P03f	6849	25-3	1100	Wed	Polish intel.	QPSK 200Bd/496-bp	(AB)
P03f	6849	25-3	1105	Wed	Polish intel.	QPSK 200Bd/496-bp	(AB)
P03f	10641	26-3	0735	Thu	Polish intel.	QPSK 200Bd/496-bp	(AB)
P03f	10641	26-3	0740	Thu	Polish intel.	QPSK 200Bd/496-bp	(AB)
P03f	10641	30-3	0735	Mon	Polish intel.	QPSK 200Bd/496-bp	(AB)
P03f	10641	30-3	0840	Mon	Polish intel.	QPSK 200Bd/496-bp	(AB)
P03f	6849	31-3	1100	Tue	Polish intel.	QPSK 200Bd/496-bp	(AB)
P03f	6849	31-3	1105	Tue	Polish intel.	QPSK 200Bd/496-bp	(AB)
P03g	7840	3-3	1800	Tue	Polish intel.	BPSK 50Bd	(AB)

P03g	7840	3-3	1805	Tue	Polish intel.	BPSK 50Bd	(AB)
P03g	7840	5-3	1800	Thu	Polish intel.	BPSK 50Bd	(AB)
P03g	7840	5-3	1805	Thu	Polish intel.	BPSK 50Bd	(AB)
P03g	7840	10-3	1800	Tue	Polish intel.	BPSK 50Bd	(AB/MPJ)
P03g	7840	10-3	1805	Tue	Polish intel.	BPSK 50Bd	(AB/MPJ)
P03g	7840	12-3	1800	Thu	Polish intel.	BPSK 50Bd	(AB)
P03g	7840	12-3	1805	Thu	Polish intel.	BPSK 50Bd	(AB)
P03g	7840	17-3	1800	Tue	Polish intel.	BPSK 50Bd	(AB/MPJ)
P03g	7840	17-3	1805	Tue	Polish intel.	BPSK 50Bd	(AB/MPJ)
P03g	7840	19-3	1800	Thu	Polish intel.	BPSK 50Bd	(AB)
P03g	7840	19-3	1805	Thu	Polish intel.	BPSK 50Bd	(AB)
P03g	7840	24-3	1800	Tue	Polish intel.	BPSK 50Bd/464-bp	(AB)
P03g	7840	24-3	1805	Tue	Polish intel.	BPSK 50Bd/464-bp	(AB)
P03g	5844	25-3	0430	Wed	Polish intel.	BPSK 50Bd/464-bp	(AB)
P03g	5844	25-3	0435	Wed	Polish intel.	BPSK 50Bd/464-bp	(AB)
P03g	7840	26-3	1800	Thu	Polish intel.	BPSK 50Bd	(AB)
P03g	7840	26-3	1805	Thu	Polish intel.	BPSK 50Bd	(AB)
P03g	7840	31-3	1800	Tue	Polish intel.	BPSK 50Bd/464-bp	(AB)
P03g	7840	31-3	1805	Tue	Polish intel.	BPSK 50Bd/464-bp	(AB)
P03k	5082	1-3	1320	Sun	Polish intel.	BPSK 100Bd	(AB/MPJ)
P03k	5082	1-3	1325	Sun	Polish intel.	BPSK 100Bd	(AB/MPJ)
P03k	10302	1-3	1500	Sun	Polish intel.	BPSK 100Bd	(AB)
P03k	5082	8-3	1320	Sun	Polish intel.	BPSK 100Bd	(AB)
P03k	5082	8-3	1325	Sun	Polish intel.	BPSK 100Bd	(AB)
P03k	5082	15-3	1320	Sun	Polish intel.	BPSK 100Bd	(AB)
P03k	5082	15-3	1325	Sun	Polish intel.	BPSK 100Bd	(AB)
P03k	5082	22-3	1320	Sun	Polish intel.	BPSK 100Bd	(AB)
P03k	5082	22-3	1325	Sun	Polish intel.	BPSK 100Bd	(AB)
P03k	10302	22-3	1500	Sun	Polish intel.	BPSK 100Bd	(AB)
P03k	10302	22-3	1505	Sun	Polish intel.	BPSK 100Bd	(AB)
P03k	14865	25-3	1500	Wed	Polish intel.	BPSK 100Bd/480-bp	(AB)
P03k	4356	25-3	1500	Wed	Polish intel.	BPSK 100Bd/480-bp	(AB)
P03k	4356	25-3	1505	Wed	Polish intel.	BPSK 100Bd/480-bp	(AB)
P03k	14865	25-3	1505	Wed	Polish intel.	BPSK 100Bd/480-bp	(AB)
P03k	5815	27-3	0515	Fri	Polish intel.	BPSK 100Bd	(AB)
P03k	5815	27-3	0520	Fri	Polish intel.	BPSK 100Bd	(AB)
P03k	10302	27-3	1500	Fri	Polish intel.	BPSK 100Bd	(AB)
P03k	10302	27-3	1505	Fri	Polish intel.	BPSK 100Bd	(AB)
P03k	5082	28-3	1320	Sat	Polish intel.	BPSK 100Bd	(AB)

P03k	5082	28-3	1325	Sat	Polish intel.	BPSK 100Bd	(AB)
P03k	14865	28-3	1600	Sat	Polish intel.	BPSK 100Bd	(AB)
P03k	14865	28-3	1605	Sat	Polish intel.	BPSK 100Bd	(AB)
P03k	5082	29-3	1320	Sun	Polish intel.	BPSK 100Bd	(AB)
P03k	5082	29-3	1325	Sun	Polish intel.	BPSK 100Bd	(AB)
P03k	13873	29-3	1410	Sun	Polish intel.	BPSK 100Bd	(AB)
P03k	13873	29-3	1415	Sun	Polish intel.	BPSK 100Bd	(AB)
P03k	10302	29-3	1500	Sun	Polish intel.	BPSK 100Bd	(AB)
P03k	10302	29-3	1505	Sun	Polish intel.	BPSK 100Bd	(AB)
P03k	5371	30-3	1635	Mon	Polish intel.	BPSK 100Bd	(AB)
P03k	5371	30-3	1640	Mon	Polish intel.	BPSK 100Bd	(AB)
P03I	7984	1-3	1120	Sun	Polish intel.	QPSK 100Bd	(AB)
P03I	7984	1-3	1125	Sun	Polish intel.	QPSK 100Bd	(AB)
P03I	7984	8-3	1120	Sun	Polish intel.	QPSK 100Bd	(AB)
P03I	7984	8-3	1125	Sun	Polish intel.	QPSK 100Bd	(AB)
P03I	7984	15-3	1120	Sun	Polish intel.	QPSK 100Bd	(AB)
P03I	7984	15-3	1125	Sun	Polish intel.	QPSK 100Bd	(AB)
P03I	7984	22-3	1120	Sun	Polish intel.	QPSK 100Bd	(AB)
P03I	7984	22-3	1125	Sun	Polish intel.	QPSK 100Bd	(AB)
P03I	7984	25-3	1120	Wed	Polish intel.	QPSK 100Bd	(AB)
P03I	7984	25-3	1125	Wed	Polish intel.	QPSK 100Bd	(AB)
P03I	5344	27-3	1200	Fri	Polish intel.	QPSK 100Bd/464-bp	(AB)
P03I	5344	27-3	1205	Fri	Polish intel.	QPSK 100Bd/464-bp	(AB)
P03I	4909	28-3	0615	Sat	Polish intel.	QPSK 100Bd	(AB)
P03I	4909	28-3	0620	Sat	Polish intel.	QPSK 100Bd	(AB)
P03I	4909	29-3	0615	Sun	Polish intel.	QPSK 100Bd	(AB)
P03I	4909	29-3	0620	Sun	Polish intel.	QPSK 100Bd	(AB)
P03I	7984	29-3	1120	Sun	Polish intel.	QPSK 100Bd	(AB)
P03I	7984	29-3	1125	Sun	Polish intel.	QPSK 100Bd	(AB)
Q26	4364	3-3	1132	Tue	V BNGC (x3) DE XSV85 HR MSGS GA PSE CY NR 0213 CK 3.2 35 0303 ...1 = TT3 3U6 3AN 3U.... //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	3-3	1132	Tue	V BNGC (x3) DE XSV85 HR MSGS GA PSE CY NR 0213 CK 3.2 35 0303 ...1 = TT3 3U6 3AN 3U.... //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	3-3	1148	Tue	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	6-3	1138	Fri	XSV85 messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	6-3	1138	Fri	XSV85 messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	6-3	1143	Fri	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	28-3	1135	Sat	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	28-3	1135	Sat	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)

Q26	4243	28-3	1145	Sat	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	29-3	1130	Sun	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	29-3	1130	Sun	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	29-3	1143	Sun	i.p. sending messages	4+4 QPSK 75/3000 LSB	(JPL)
RADv	5125	20-3	1416	Fri	Russian Air Defense: 85 04 za 16. 85 05 112 79 27 za 15	USB	(AB)
RNv	5045	11-3	1415	Wed	Tsaplya, Tsaplya Ya Znamya - primite radiogrammu - Signal 8573 - 16 chasov 15 minut - konec svyazi	USB	(Gwr)
RNv	5045	13-3	1415	Fri	Tsaplya, Tsaplya, Ya Znamya û primite radiogrammu û SIGNAL 1844 û 16 chasov 15 minut konec svyazi	USB	(Gwr)
RNv	5045	16-3	1420	Mon	12345678910 12345678910 1234568910 Tsaplya, Tsaplya, Ya Znamya û primite radiogrammu û SIGNAL 2947 û 16 chasov 15 minut konec svyazi	USB	(AB-POL)
RNv	5045	17-3	1412	Tue	12345678910 12345678910 Tsaplya, Tsaplya, Ya Znamya û primite radiogrammu û SIGNAL 3354 û 16 chasov 15 minut konec svyazi	USB	(AB-POL/GWr)
RNv	5045	18-3	1413	Wed	12345678910 12345678910 Tsaplya, Tsaplya, Ya Znamya û primite radiogrammu û SIGNAL 5543 û 16 chasov 15 minut konec svyazi	USB	(AB-POL/Gwr)
RNv	5045	19-3	1413	Thu	12345678910 12345678910 Tsaplya, Tsaplya, Ya Znamya û primite radiogrammu û SIGNAL 1244 û 16 chasov 15 minut konec svyazi	USB	(AB-POL/Gwr)
RNv	5045	23-3	1402	Mon	11	USB	(AB-POL)
RNv	5045	23-3	1420	Mon	Dayu nastroyku dlya proverki apparatury 1234568910 Tsaplya, Tsaplya, Ya Znamya û primite radiogrammu û SIGNAL 1235 û 16 chasov 15 minut konec svyazi	USB	(AB-POL)
RNv	5045	25-3	1413	Wed	12345678910 12345678910 Tsaplya, Tsaplya, Ya Znamya û primite radiogrammu û SIGNAL 8693 û 16 chasov 15 minut konec svyazi	USB	(AB-POL)
RNv	5045	26-3	1413	Thu	12345678910 12345678910 12345678910 Tsaplya, Tsaplya, Ya Znamya û primite radiogrammu û SIGNAL 7825 û 16 chasov 15 minut konec svyazi	USB	(AB-POL)
RNv	5045	27-3	1415	Fri	Znamya i.p. 16 chasov 15 minut konec svyazi	USB	(AB-POL)
S06	12093	1-3	0930	Sun	480 372 30 68128 53518 23246 ... 94601 82040 46795 372 30 00000	USB	(AB)
S06	10212	1-3	1000	Sun	480 372 30 68128 53518 23246 ... 94601 82040 46795 372 30 00000	USB	(AB)
S06	9082	4-3	0830	Wed	464 208 5 56401 68858 17106 77456 65018 208 5 00000	USB	(HFD)
S06	9952	4-3	0840	Wed	464 208 5 56401 68858 17106 77456 65018 208 5 00000	USB	(HFD)
S06	14913	4-3	1500	Wed	387 109 3 11111 00067 00057 109 3 00000	USB	(Danix/HFD)
S06	10387	4-3	1600	Wed	387 109 3 11111 00067 00057 109 3 00000	USB	(Danix/HFD)
S06	8171	6-3	2000	Fri	452 452 452 00000	USB	(AB/HFD)
S06	5876	6-3	2100	Fri	452 452 452 00000	USB	(AB/HFD)
S06	10755	7-3	1300	Sat	480 169 45 21605 59812 38872 ... 10418 29009 90023 169 45 00000	USB	(AB/MPJ/HFD)
S06	9073	7-3	1330	Sat	480 169 45 21605 59812 38872 ... 10418 29009 90023 169 45 00000	USB	(AB/MPJ/HFD)
S06	10755	7-3	1400	Sat	975 975 975 12398 00000	USB	(AB)
S06	12093	8-3	0930	Sun	480 169 45 21605 59812 38872 ... 10418 29009 90023 169 45 00000	USB	(AB)
S06	10212	8-3	1000	Sun	480 169 45 21605 59812 38872 ... 10418 29009 90023 169 45 00000	USB	(AB)
S06	10755	14-3	1300	Sat	840 753 42 54905 99393 82853 ... 53277 31821 31812 753 42 00000	USB	(AB)

S06	9073	14-3	1330	Sat	840 753 42 54905 99393 82853 ... 53277 31821 31812 753 42 00000	USB	(AB)
S06	12093	15-3	0930	Sun	480 753 42 54905 99393 82853 ... 53277 31821 31812 753 42 00000	USB	(AB)
S06	10212	15-3	1000	Sun	480 753 42 54905 99393 82853 ... 53277 31821 31812 753 42 00000	USB	(AB)
S06	8171	20-3	2000	Fri	452 452 452 00000	USB	(AB)
S06	5881	20-3	2100	Fri	452 452 452 00000	USB	(AB)
S06	10755	21-3	1300	Sat	480 916 43 35769 95824 79412 ... 55206 13963 60429 916 43 00000	USB	(AB)
S06	9073	21-3	1330	Sat	480 916 43 35769 95824 79412 ... 55206 13963 60429 916 43 00000	USB	(AB)
S06	12093	22-3	0930	Sun	480 725 44 48133 98220 41359 ... 27048 56151 68208 725 44 00000	USB	(AB)
S06	12093	22-3	0930	Sun	480 916 43 35769 95824 79412 ... 55206 13963 60429 916 43 00000	USB	(AB/HFD)
S06	10212	22-3	1000	Sun	480 916 43 35769 95824 79412 ... 55206 13963 60429 916 43 00000	USB	(AB/HFD)
S06	10212	22-3	1000	Sun	480 725 44 48133 98220 41359 ... 27048 56151 68208 725 44 00000	USB	(AB)
S06	10755	28-3	1300	Sat	480 725 44 48133 98220 41359 ... 27048 56151 68208 725 44 00000	USB	(AB)
S06	9073	28-3	1330	Sat	480 725 44 48133 98220 41359 ... 27048 56151 68208 725 44 00000	USB	(AB)
S06s	9220	2-3	0830	Mon	764 201 5 34140 78386 91497 82963 24162 201 5 00000	USB	(AB/HFD)
S06s	8270	2-3	0840	Mon	764 201 5 34140 78386 91497 82963 24162 201 5 00000	USB	(AB/HFD)
S06s	14580	2-3	0900	Mon	232 401 5 68672 97478 39685 30485 96632 401 5 00000	USB	(AB-POL)
S06s	13165	2-3	0910	Mon	232 401 5 68672 97478 39685 30485 96632 401 5 00000	USB	(AB-POL)
S06s	9145	2-3	1200	Mon	149 203 5 96320 36793 58038 76342 13023 203 5 00000	USB	(AB/HFD)
S06s	11460	2-3	1210	Mon	149 203 5 96320 36793 58038 76342 13023 203 5 00000	USB	(AB/HFD)
S06s	15855	3-3	0600	Tue	438 256 6 21767	USB	(HFD-RUS)
S06s	16485	3-3	0610	Tue	438 ...	USB	(HFD-RUS)
S06s	5760	3-3	0700	Tue	452 807 6 46062 68672 97478 39685 30485 96328 807 6 00000	USB	(AB/HFD)
S06s	6930	3-3	0710	Tue	452 807 6 46062 68672 97478 39685 30485 96328 807 6 00000	USB	(AB/HFD)
S06s	7425	3-3	0730	Tue	427 813 5 88620 58069 61732 74627 57440 813 5 00000	USB	(AB/HFD)
S06s	11560	3-3	0740	Tue	427 813 5 88620 58069 61732 74627 57440 813 5 00000	USB	(AB/HFD)
S06s	11635	3-3	0800	Tue	127 483 5 39534 17228 15636 47891 23247 483 5 00000	USB	(AB-RUS/HFD)
S06s	10420	3-3	0810	Tue	127 483 5 39534 17228 15636 47891 23247 483 5 00000	USB	(AB-RUS/HFD)
S06s	6410	3-3	1000	Tue	427 816 5 48834 53735 61088 02440 59354 816 5 00000	USB	(AB-UKR/HFD)
S06s	7340	3-3	1010	Tue	427 816 5 48834 53735 61088 02440 59354 816 5 00000	USB	(AB/HFD)
S06s	6190	3-3	1100	Tue	265 408 7 65906 66610 20336 17301 88554 82045 36717 408 7 00000	USB	(AB/HFD)
S06s	7230	3-3	1110	Tue	265 408 7 65906 66610 20336 17301 88554 82045 36717 408 7 00000	USB	(AB/HFD)
S06s	6464	3-3	1500	Tue	914 827 5 10597 23512 47660 92883 69901 827 5 00000	USB	(AB/MPJ/HFD)
S06s	7242	3-3	1510	Tue	914 827 5 10597 23512 47660 92883 69901 827 5 00000	USB	(AB/MPJ/HFD)
S06s	9082	4-3	0830	Wed	464 208 5 56401 68858 17106 77456 65018 208 5 00000	USB	(AB)
S06s	11530	4-3	0830	Wed	172 463 5 25668 32316 79706 80436 36005 463 5 00000	USB	(AB/HFD)
S06s	9952	4-3	0840	Wed	464 208 5 56401 68858 17106 77456 65018 208 5 00000	USB	(AB)
S06s	12140	4-3	0840	Wed	172 463 5 25668 32316 79706 80436 36005 463 5 00000	USB	(AB/HFD)
S06s	13365	4-3	1000	Wed	276 413 5 81202 60891 72807 71010 47373 413 5 00000	USB	(AB/HFD)
S06s	14505	4-3	1010	Wed	276 413 5 81202 60891 72807 71010 47373 413 5 00000	USB	(AB/HFD)

S06s	9081	5-3	0930	Thu	698 231 5 50913 02804 82959 48840 51623 231 5 00000	USB	(AB/HFD)
S06s	10514	5-3	0940	Thu	698 231 5 50913 02804 82959 48840 51623 231 5 00000	USB	(AB/HFD)
S06s	12415	5-3	1200	Thu	175 423 6 99804 94427 56396 81918 65606 79598 423 6 00000	USB	(AB-FIN/MPJ/HFD)
S06s	14212	5-3	1210	Thu	175 423 6 99804 94427 56396 81918 65606 79598 423 6 00000	USB	(AB-FIN/MPJ/HFD)
S06s	12140	6-3	0830	Fri	156 402 7 42913 43496 72446 49973 33181 65644 54298 402 7 00000	USB	(AB/HFD)
S06s	13515	6-3	0840	Fri	156 402 7 42913 43496 72446 49973 33181 65644 54298 402 7 00000	USB	(AB/HFD)
S06s	5744	6-3	0900	Fri	239 407 5 65656 65872 79598 75009 14760 407 5 00000	USB	(AB-POL/HFD)
S06s	6524	6-3	0910	Fri	239 407 5 65656 65872 79598 75009 14760 407 5 00000	USB	(AB-POL/HFD)
S06s	10350	7-3	0800	Sat	132 860 7 52401 63919 92699 14600 74248 48754 65125 860 7 00000	USB	(AB/HFD)
S06s	8520	7-3	0810	Sat	132 860 7 52401 63919 92699 14600 74248 48754 65125 860 7 00000	USB	(AB/HFD)
S06s	9220	9-3	0830	Mon	764 201 5 34140 78386 91497 82963 24162 201 5 00000	USB	(AB)
S06s	8270	9-3	0840	Mon	764 201 5 34140 78386 91497 82963 24162 201 5 00000	USB	(AB)
S06s	14580	9-3	0900	Mon	232 401 5 68672 97478 39685 30485 96632 401 5 00000	USB	(AB-UKR)
S06s	13165	9-3	0910	Mon	232 401 5 68672 97478 39685 30485 96632 401 5 00000	USB	(AB-UKR)
S06s	9145	9-3	1200	Mon	149 203 5 96320 36793 58038 76342 13023 203 5 00000	USB	(AB)
S06s	11460	9-3	1210	Mon	149 203 5 96320 36793 58038 76342 13023 203 5 00000	USB	(AB)
S06s	5760	10-3	0700	Tue	452 807 6 46062 68672 97478 39685 30485 96328 807 6 00000	USB	(AB)
S06s	6930	10-3	0710	Tue	452 807 6 46062 68672 97478 39685 30485 96328 807 6 00000	USB	(AB)
S06s	7425	10-3	0730	Tue	427 813 5 88620 58069 61732 74627 57440 813 5 00000	USB	(AB)
S06s	11560	10-3	0740	Tue	427 813 5 88620 58069 61732 74627 57440 813 5 00000	USB	(AB)
S06s	11635	10-3	0800	Tue	127 483 5 39534 17228 15636 47891 23247 483 5 00000	USB	(AB)
S06s	10420	10-3	0810	Tue	127 483 5 39534 17228 15636 47891 23247 483 5 00000	USB	(AB)
S06s	6410	10-3	1000	Tue	427 816 5 48834 53735 61088 02440 59354 816 5 00000	USB	(AB)
S06s	7340	10-3	1010	Tue	427 816 5 48834 53735 61088 02440 59354 816 5 00000	USB	(AB)
S06s	6190	10-3	1100	Tue	265 408 7 65906 66610 20336 17301 88554 82045 36717 408 7 00000	USB	(AB)
S06s	7230	10-3	1110	Tue	265 408 7 65906 66610 20336 17301 88554 82045 36717 408 7 00000	USB	(AB)
S06s	6464	10-3	1500	Tue	914 827 5 10597 23512 47660 92883 69901 827 5 00000	USB	(AB)
S06s	7242	10-3	1510	Tue	914 827 5 10597 23512 47660 92883 69901 827 5 00000	USB	(AB)
S06s	11530	11-3	0830	Wed	172 463 5 25668 32316 79706 80436 36005 463 5 00000	USB	(AB)
S06s	9082	11-3	0830	Wed	464 208 5 56401 68858 17106 77456 65018 208 5 00000	USB	(AB)
S06s	12140	11-3	0840	Wed	172 463 5 25668 32316 79706 80436 36005 463 5 00000	USB	(AB)
S06s	9952	11-3	0840	Wed	464 208 5 56401 68858 17106 77456 65018 208 5 00000	USB	(AB)
S06s	13365	11-3	1000	Wed	276 413 5 81202 60891 72807 71010 47373 413 5 00000	USB	(AB)
S06s	14505	11-3	1010	Wed	276 413 5 81202 60891 72807 71010 47373 413 5 00000	USB	(AB)
S06s	9081	12-3	0930	Thu	698 231 5 50913 02804 82959 48840 51623 231 5 00000	USB	(AB)
S06s	10514	12-3	0940	Thu	698 231 5 50913 02804 82959 48840 51623 231 5 00000	USB	(AB)
S06s	12415	12-3	1200	Thu	175 423 6 99804 94427 56396 81918 65606 79598 423 6 00000	USB	(AB/MPJ)
S06s	14212	12-3	1210	Thu	175 423 6 99804 94427 56396 81918 65606 79598 423 6 00000	USB	(AB/MPJ)
S06s	12140	13-3	0830	Fri	156 402 7 42913 43496 72446 49973 33181 65644 54298 402 7 00000	USB	(AB)

S06s	13515	13-3	0840	Fri	156 402 7 42913 43496 72446 49973 33181 65644 54298 402 7 00000	USB	(AB)
S06s	5744	13-3	0900	Fri	239 407 5 65656 65872 79598 75009 14760 407 5 00000	USB	(AB)
S06s	6524	13-3	0910	Fri	239 407 5 65656 65872 79598 75009 14760 407 5 00000	USB	(AB)
S06s	22185	16-3	0630	Mon	462 930 5 62554 ...	USB	(HFD-UKR)
S06s	9220	16-3	0830	Mon	764 832 5 33796 13577 74526 46647 79302 832 5 00000	USB	(AB)
S06s	8270	16-3	0840	Mon	764 832 5 33796 13577 74526 46647 79302 832 5 00000	USB	(AB)
S06s	14580	16-3	0900	Mon	232 986 5 20534 11160 43494 37638 16070 986 5 00000	USB	(AB)
S06s	13165	16-3	0910	Mon	232 986 5 20534 11160 43494 37638 16070 986 5 00000	USB	(AB)
S06s	9145	16-3	1200	Mon	149 206 5 96320 36793 53038 76342 15009 206 5 00000	USB	(AB)
S06s	11460	16-3	1210	Mon	149 206 5 96320 36793 53038 76342 15009 206 5 00000	USB	(AB)
S06s	15855	17-3	0600	Tue	438 596 7 01405 15003 24357 60583 54545 50128 99477 596 7 00000	USB	(AB-KWT)
S06s	16485	17-3	0610	Tue	438 596 7 01405 15003 24357 60583 54545 50128 99477 596 7 00000	USB	(AB-KWT)
S06s	5760	17-3	0700	Tue	452 973 6 65906 66610 20336 17301 88554 82045 973 6 00000	USB	(AB)
S06s	6930	17-3	0710	Tue	452 973 6 65906 66610 20336 17301 88554 82045 973 6 00000	USB	(AB)
S06s	7425	17-3	0730	Tue	427 589 6 19066 92918 83981 68909 77159 79302 589 6 00000	USB	(AB)
S06s	11560	17-3	0740	Tue	427 589 6 19066 92918 83981 68909 77159 79302 589 6 00000	USB	(AB)
S06s	11635	17-3	0800	Tue	127 986 5 59632 13580 45147 24227 61736 986 5 00000	USB	(AB-UKR)
S06s	10420	17-3	0810	Tue	127 986 5 59632 13580 45147 24227 61736 986 5 00000	USB	(AB)
S06s	6410	17-3	1000	Tue	427 863 5 55796 30534 96320 01405 65906 863 5 00000	USB	(AB-POL)
S06s	7340	17-3	1010	Tue	427 863 5 55796 30534 96320 01405 65906 863 5 00000	USB	(AB)
S06s	6190	17-3	1100	Tue	265 934 7 71776 26910 53288 63156 05371 88890 89511 934 7 00000	USB	(AB)
S06s	7230	17-3	1110	Tue	265 934 7 71776 26910 53288 63156 05371 88890 89511 934 7 00000	USB	(AB)
S06s	6464	17-3	1500	Tue	914 238 5 39685 81022 36903 60386 03009 238 5 00000	USB	(AB/MPJ)
S06s	7242	17-3	1510	Tue	914 238 5 39685 81022 36903 60386 03009 238 5 00000	USB	(AB/MPJ)
S06s	9082	18-3	0830	Wed	464 897 5 88620 58069 61732 74537 57440 897 5 00000	USB	(AB)
S06s	11530	18-3	0830	Wed	172 834 6 10597 23521 47660 92883 69901 14636 834 6 00000	USB	(AB)
S06s	9952	18-3	0840	Wed	464 897 5 88620 58069 61732 74537 57440 897 5 00000	USB	(AB)
S06s	12140	18-3	0840	Wed	464 at 0838z 172 834 6 10597 23521 47660 92883 69901 14636 834 6 00000	USB	(AB)
S06s	13365	18-3	1000	Wed	276 940 5 01405 15003 24357 60583 54545 940 5 00000	USB	(AB)
S06s	14505	18-3	1010	Wed	276 940 5 01405 15003 24357 60583 54545 940 5 00000	USB	(AB)
S06s	5744	19-3	0900	Thu	239 410 5 52401 63919 92699 14600 74248 410 5 00000	USB	(HFD)
S06s	6524	19-3	0910	Thu	239 410 5 52401 63919 92699 14600 74248 410 5 00000	USB	(HFD)
S06s	9081	19-3	0930	Thu	698 237 5 88146 57856 98835 46186 16945 237 5 00000	USB	(AB/F5JBR)
S06s	10514	19-3	0940	Thu	698 237 5 88146 57856 98835 46186 16945 237 5 00000	USB	(AB)
S06s	12415	19-3	1200	Thu	175 249 6 88146 57856 98836 46186 16945 80744 249 6 00000	USB	(AB)
S06s	14212	19-3	1210	Thu	175 249 6 88146 57856 98836 46186 16945 80744 249 6 00000	USB	(AB)
S06s	12140	20-3	0833	Fri	156 204 7 46062 68672 97478 39685 30485 96632 52537 204 7 00000 Late start	USB	(AB)
S06s	13515	20-3	0840	Fri	156 204 7 46062 68672 97478 39685 30485 96632 52537 204 7 00000	USB	(AB)
S06s	5744	20-3	0900	Fri	239 410 5 52401 63919 92699 14600 74248 410 5 00000	USB	(AB)

S06s	6524	20-3	0910	Fri	239 410 5 52401 63919 92699 14600 74248 410 5 00000	USB	(AB)
S06s	9220	23-3	0830	Mon	764 832 5 33796 13577 74526 46647 79302 832 5 00000	USB	(AB)
S06s	8270	23-3	0840	Mon	764 832 5 33796 13577 74526 46647 79302 832 5 00000	USB	(AB/F5JBR)
S06s	14580	23-3	0900	Mon	232 986 5 20534 11160 43494 37638 16070 986 5 00000	USB	(AB/HFD)
S06s	13165	23-3	0910	Mon	232 986 5 20534 11160 43494 37638 16070 986 5 00000	USB	(AB/HFD)
S06s	9145	23-3	1200	Mon	149 206 5 96320 36793 53038 76342 15009 206 5 00000	USB	(AB)
S06s	11460	23-3	1210	Mon	149 206 5 96320 36793 53038 76342 15009 206 5 00000	USB	(AB)
S06s	15855	24-3	0600	Tue	438 596 7 01405 15003 24357 60583 54545 50128 99477 596 7 00000	USB	(AB-KWT)
S06s	16485	24-3	0610	Tue	438 596 7 01405 15003 24357 60583 54545 50128 99477 596 7 00000	USB	(AB-KWT)
S06s	5760	24-3	0700	Tue	452 973 6 65906 66610 20336 17301 88554 82045 973 6 00000	USB	(AB)
S06s	6930	24-3	0710	Tue	452 973 6 65906 66610 20336 17301 88554 82045 973 6 00000	USB	(AB)
S06s	7425	24-3	0730	Tue	427 589 6 19066 92918 83981 68909 77159 79302 589 6 00000	USB	(AB)
S06s	11560	24-3	0740	Tue	427 589 6 19066 92918 83981 68909 77159 79302 589 6 00000	USB	(AB)
S06s	11635	24-3	0800	Tue	127 986 5 59632 13580 45147 24227 61736 986 5 00000	USB	(AB)
S06s	10420	24-3	0810	Tue	127 986 5 59632 13580 45147 24227 61736 986 5 00000	USB	(AB)
S06s	6410	24-3	1000	Tue	427 863 5 55796 30534 96320 01405 65906 863 5 00000	USB	(AB)
S06s	7340	24-3	1010	Tue	427 863 5 55796 30534 96320 01405 65906 863 5 00000	USB	(AB)
S06s	6190	24-3	1100	Tue	265 934 7 71776 26910 53288 63156 05371 88890 89511 934 7 00000	USB	(AB)
S06s	7230	24-3	1110	Tue	265 934 7 71776 26910 53288 63156 05371 88890 89511 934 7 00000	USB	(AB)
S06s	6464	24-3	1500	Tue	914 238 5 39685 81022 36903 60386 03009 238 5 00000	USB	(MPJ)
S06s	7242	24-3	1510	Tue	914 238 5 39685 81022 36903 60386 03009 238 5 00000	USB	(AB/MPJ)
S06s	11530	25-3	0830	Wed	172 834 6 10597 23521 47660 92883 69901 14636 834 6 00000	USB	(AB)
S06s	9082	25-3	0830	Wed	464 897 5 88620 58069 61732 74537 57440 897 5 00000	USB	(AB)
S06s	9952	25-3	0840	Wed	464 897 5 88620 58069 61732 74537 57440 897 5 00000	USB	(AB)
S06s	12140	25-3	0840	Wed	172 834 6 10597 23521 47660 92883 69901 14636 834 6 00000	USB	(AB)
S06s	13365	25-3	1000	Wed	276 940 5 01405 15003 24357 60583 54545 940 5 00000	USB	(AB)
S06s	14505	25-3	1010	Wed	276 940 5 01405 15003 24357 60583 54545 940 5 00000	USB	(AB)
S06s	9081	26-3	0930	Thu	698 237 5 88146 57856 98835 46186 16945 237 5 00000	USB	(AB)
S06s	10514	26-3	0940	Thu	698 237 5 88146 57856 98835 46186 16945 237 5 00000	USB	(AB)
S06s	12415	26-3	1200	Thu	175 249 6 88146 57856 98836 46186 16945 80744 249 6 00000	USB	(AB/MPJ)
S06s	14212	26-3	1210	Thu	175 249 6 88146 57856 98836 46186 16945 80744 249 6 00000	USB	(AB/MPJ)
S06s	12140	27-3	0830	Fri	156 204 7 46062 68672 97478 39685 30485 96632 52537 204 7 00000 Late start	USB	(AB)
S06s	13515	27-3	0840	Fri	156 204 7 46062 68672 97478 39685 30485 96632 52537 204 7 00000	USB	(AB)
S06s	5744	27-3	0900	Fri	239 410 5 52401 63919 92699 14600 74248 410 5 00000	USB	(AB)
S06s	6524	27-3	0910	Fri	239 410 5 52401 63919 92699 14600 74248 410 5 00000	USB	(AB)
S06s	9220	30-3	0830	Mon	764 764 764 00000	USB	(AB)
S06s	8270	30-3	0840	Mon	764 764 764 00000	USB	(AB)
S06s	14580	30-3	0900	Mon	232 232 232 00000	USB	(AB-POL)
S06s	13165	30-3	0909	Mon	232 232 232 00000 Early start	USB	(AB)

S06s	9145	30-3	1200	Mon	149 149 149 00000	USB	(AB)
S06s	11460	30-3	1210	Mon	149 149 149 00000	USB	(AB)
S06s	15855	31-3	0600	Tue	438 438 438 00000	USB	(AB-KWT)
S06s	16485	31-3	0609	Tue	438 438 438 00000 Early start	USB	(AB-KWT)
S06s	5760	31-3	0700	Tue	452 452 452 00000	USB	(AB)
S06s	6930	31-3	0710	Tue	452 452 452 00000	USB	(AB)
S06s	7425	31-3	0730	Tue	427 427 427 00000	USB	(AB)
S06s	11560	31-3	0739	Tue	427 427 427 00000 Early start	USB	(AB)
S06s	11635	31-3	0800	Tue	127 127 127 00000	USB	(AB)
S06s	10420	31-3	0810	Tue	127 127 127 00000	USB	(AB)
S06s	6410	31-3	1000	Tue	427 427 427 00000	USB	(AB)
S06s	7340	31-3	1009	Tue	427 427 427 00000 Early start	USB	(AB)
S06s	6190	31-3	1100	Tue	265 265 265 00000	USB	(AB)
S06s	7230	31-3	1110	Tue	265 265 265 00000	USB	(AB)
S06s	6464	31-3	1500	Tue	914 914 914 00000	USB	(AB/MPJ)
S06s	7242	31-3	1509	Tue	914 914 914 00000 Early start	USB	(AB/MPJ)
S11a	11116	2-3	0510	Mon	655/00	USB	(AB-POL)
S11a	8597	2-3	0700	Mon	477/00	USB	(HFD)
S11a	4505	2-3	0915	Mon	485/00	USB	(HFD)
S11a	7469	3-3	1020	Tue	426/00	USB	(AB/HFD)
S11a	6433	4-3	1100	Wed	378/37 Vnimanije 87737 69482 18114 ... 92514 54914 21450 Vnimanije (message repeated) Konets	USB	(AB/HFD)
S11a	10213	4-3	1850	Wed	287/35 Vnimanije 60928 45798 67477 ... 18420 38222 12494 Vnimanije (message repeated) Konets	USB	(AB/MPJ/HFD)
S11a	4505	6-3	0915	Fri	482/00	USB	(AB)
S11a	7469	6-3	1020	Fri	421/00	USB	(AB)
S11a	6433	6-3	1100	Fri	378/37 Vnimanije 87737 69482 18114 ... 92514 54914 21450 Vnimanije (message repeated) Konets	USB	(AB)
S11a	10213	7-3	1850	Sat	287/35 Vnimanije 60928 45798 67477 ... 18420 38222 12494 Vnimanije (message repeated) Konets	USB	(AB/MPJ)
S11a	11116	9-3	0510	Mon	654/40 Vnimanije 88194 18656 54134 ... 44173 39281 90139 Vnimanije (message reeated) konets	USB	(AB-POL)
S11a	8597	9-3	0700	Mon	470/00	USB	(AB)
S11a	4505	9-3	0915	Mon	485/00	USB	(AB)
S11a	7469	10-3	1020	Tue	421/00	USB	(AB)
S11a	11116	11-3	0510	Wed	654/40 Vnimanije 88194 18656 54134 ... 44173 39281 90139 Vnimanije (message reeated) konets	USB	(AB-POL)
S11a	6433	11-3	1100	Wed	373/00	USB	(AB)
S11a	10213	11-3	1850	Wed	282/00	USB	(AB)

S11a	8597	12-3	0700	Thu	472/00	USB	(AB)
S11a	4505	13-3	0915	Fri	483/00	USB	(AB)
S11a	7469	13-3	1020	Fri	424/00	USB	(AB)
S11a	6433	13-3	1100	Fri	373/00	USB	(AB)
S11a	10213	14-3	1850	Sat	285/00	USB	(AB)
S11a	11116	16-3	0510	Mon	659/00	USB	(AB-POL/HFD)
S11a	8597	16-3	0700	Mon	471/32 Vnmaniye 52701 20697 75090 ... 64890 68994 35822 Vnmaniye (message repeated) Konets	USB	(AB)
S11a	4505	16-3	0915	Mon	484/00	USB	(AB)
S11a	11116	18-3	0510	Wed	656/00	USB	(AB)
S11a	6433	18-3	1100	Wed	373/00	USB	(AB)
S11a	10213	18-3	1850	Wed	284/00	USB	(AB/MPJ)
S11a	8597	19-3	0700	Thu	471/32 Vnmaniye 52701 20697 75090 ... 64890 68994 35822 Vnmaniye (message repeated) Konets	USB	(AB)
S11a	4505	20-3	0915	Fri	481/00	USB	(AB)
S11a	7469	20-3	1020	Fri	425/00	USB	(AB)
S11a	6433	20-3	1100	Fri	376/00	USB	(AB)
S11a	10213	21-3	1850	Sat	281/00	USB	(AB)
S11a	11116	23-3	0510	Mon	654/00	USB	(AB-POL)
S11a	8597	23-3	0700	Mon	477/00	USB	(AB)
S11a	4505	23-3	0915	Mon	480/37 Vnmaniye 34196 04052 44449 ... 12820 05182 80481 Vnmaniye (message repeated) Konets	USB	(AB)
S11a	7469	24-3	1020	Tue	426/38 Vnmaniye 71523 11637 45322 ... 19511 42618 84005 Vnmaniye (message repeated) Konets	USB	(AB)
S11a	11116	25-3	0510	Wed	651/00	USB	(AB)
S11a	6433	25-3	1100	Wed	379/00	USB	(AB)
S11a	10213	25-3	1850	Wed	285/00	USB	(AB/MPJ)
S11a	8597	26-3	0700	Thu	470/00	USB	(AB)
S11a	4505	27-3	0915	Fri	480/37 Vnmaniye 34196 04052 44449 ... 12820 05182 80481 Vnmaniye (message repeated) Konets	USB	(AB)
S11a	7469	27-3	1020	Fri	426/38 Vnmaniye 71523 11637 45322 ... 19511 42618 84005 Vnmaniye (message repeated) Konets	USB	(AB)
S11a	6433	27-3	1100	Fri	370/00	USB	(AB)
S11a	10213	28-3	1850	Sat	285/00	USB	(AB/MPJ)
S11a	11116	30-3	0510	Mon	655/00	USB	(AB-POL)
S11a	8597	30-3	0700	Mon	478/00	USB	(AB)
S11a	4505	30-3	0915	Mon	484/00	USB	(AB)
S11a	7469	31-3	1020	Tue	429/00	USB	(AB)
S28	4625	2-3	0900	Mon	Buzzer channel marker	USB	(ChPa)

S28	9250	5-3	1649	Thu	Buzzer channel marker. Harmonic of 4625 kHz	USB	(AB)
S28	4625	9-3	1410	Mon	ANVF 37891 VYeRTOLYeTNYJ 7202 6932 BURSAK 1701 1440	USB	(Gwr)
S28	9250	19-3	1659	Thu	Buzzer channel marker. Harmonic of 4625 kHz	USB	(AB)
S28	4625	25-3	0936	Wed	ANVF 04097 DOPRIZYVNYJ 0468 0919	USB	(Gwr)
S28	9250	26-3	1700	Thu	Buzzer channel marker. Harmonic of 4625 kHz	USB	(AB)
S28	9250	27-3	1728	Fri	Buzzer channel marker. Harmonic of 4625 kHz	USB	(AB)
S28	4625	31-3	1741	Tue	Buzzer channel marker. Harmonic on 9250 kHz	USB	(AB)
S28	9250	31-3	1741	Tue	Buzzer channel marker. Harmonic of 4625 kHz	USB	(AB)
S30	5448	2-3	0915	Mon	Pip channel marker	USB	(ChPa)
S30	5448	2-3	0924	Mon	8S1Shch 98897 VPUTYVANIYe 6478 5282	USB	(Gwr)
S30	5448	2-3	1253	Mon	8S1Shch 95793 GYeRCOBUR 4337 0262	USB	(Gwr)
S30	5448	2-3	1500	Mon	HCLF 61HZh ZBIL L7O5 V'Z' NLCYe LI27 V2MZ SB7Z 'O6P	USB	(Gwr)
S30	5448	4-3	0945	Wed	8S1Shch 74393 NYeBYeLYeNYJ 9373 1391	USB	(Gwr)
S30	5448	4-3	1000	Wed	PMV5 L'GH KZI' TShchShchS VKY1 HCLF 61HZh ZBIL L7O5 V'Z'	USB	(Gwr)
S30	5448	4-3	1202	Wed	61ZhH 07347 VANODYeK 5864 8483 (callsign is spoof version of 61HZh)	USB	(Gwr)
S30	5448	4-3	1205	Wed	ZBJL 91689 BORTOGRAD 2188 2444 (callsign spoof of ZBIL)	USB	(Gwr)
S30	5448	4-3	1453	Wed	NLCYe LI27 V2MZ SB7Z 'O6P Y8VM 6I2Zh 8CShchJ 27Shch' N1DU	USB	(Gwr)
S30	5448	5-3	1130	Thu	8S1Shch 39978 VYSLUGA 0851 1713	USB	(AB)
S30	5448	5-3	1140	Thu	Z'1B CI9V ZhSK4 HZ5T 5FSShch 8MUO TUZR 5J7Shch DMC3 49FT	USB	(AB)
S30	3756	5-3	1715	Thu	C2ZA ShchGJP TZLM FY5Ye F61N 37CN MUDR 7VNShch Zh7NZh YMA5	USB	(AB)
S30	5448	9-3	1150	Mon	53OB 78MV DYeAY JH'J 12CI 79AJ ShchT3O CIHS Z7PM S7ZhG	USB	(Gwr)
S30	5448	9-3	1408	Mon	8S1Shch 77387 KLINOK 1663 7196 MIMOSHkYeT 8864 5452	USB	(Gwr)
S30	5448	10-3	0934	Tue	8S1Shch 89754 LUCheYeniYe 3626 7884	USB	(Gwr)
S30	5448	10-3	0934	Tue	8S1Shch 93805 ZAYeMOZAV 6550 7813	USB	(Gwr)
S30	5448	10-3	1228	Tue	8S1Shch PROVYeRKA VYZOVA 4321 1234	USB	(Gwr)
S30	5448	12-3	0953	Thu	37CN MUDR 7VNShch Zh7NZh YMA5 VTH3 AGDT 'U1B OSOG BO6C usb <-- same pools and order as feb 6th dlya	USB	(Gwr)
S30	5448	12-3	1034	Thu	8S1Shch 26796 YeDINOVYeRNYJ 6843 7570	USB	(Gwr)
S30	5448	12-3	1110	Thu	8S1Shch 12138 KUMOVATT 0082 1835	USB	(Gwr)
S30	5448	12-3	1126	Thu	8S1Shch 25361 IMBIR' 0495 6928 INOKOBLYuM 3658 1899	USB	(Gwr)
S30	5448	12-3	1534	Thu	Pip channel marker	USB	(AB)
S30	5448	13-3	1142	Fri	NLCYe LI27 V2MZ SB7Z 'O6P Y8VM 6I2Zh 8CShchJ 27Shch' N1DU	USB	(Gwr)
S30	5448	13-3	1254	Fri	8S1Shch 29430 ZASHIFROVKA 2555 0549 MYeLOBYeJ 5364 3189	USB	(Gwr)
S30	5448	16-3	1143	Mon	8S1Shch MATYeRKA 2186	USB	(Gwr)
S30	5448	16-3	1200	Mon	8S1Shch GULOSPAJ 5240	USB	(Gwr)
S30	5448	16-3	1200	Mon	8S1Shch KLYKORIS 6985	USB	(Gwr)
S30	5448	16-3	1211	Mon	53OB 78MV DYeAY JH'J 12CI 79AJ ShchT3O CIHS Z7PM S7ZhG	USB	(Gwr)
S30	5448	16-3	1233	Mon	8S1Shch 68949 BOSFOR 5613 5184	USB	(Gwr)
S30	5448	16-3	1534	Mon	8S1Shch 05252 LYeSOVOZNYJ 1748 8664	USB	(Gwr)

S30	3756	16-3	1645	Mon	Z'1B CI9V ZhSK4 HZ5T 5FSShch 8MUO TUZR 5J7Shch DMC3 49FT. Same order and pools as march 5th at 1140z	USB	(Gwr)
S30	5448	17-3	0944	Tue	8S1Shch 25433 NALADChIK 3574 2943	USB	(Gwr)
S30	5448	17-3	0946	Tue	8S1Shch MARShRUTNYJ 6053	USB	(Gwr)
S30	5448	17-3	1018	Tue	8S1Shch NYeYaSYT' 5091	USB	(Gwr)
S30	5448	17-3	1032	Tue	HCLF 93044 LYeSOVOZNYJ 1748 8664	USB	(Gwr)
S30	5448	17-3	1100	Tue	8S1Shch ZYeTOKOBYe 2485	USB	(Gwr)
S30	5448	17-3	1302	Tue	8S1Shch MAGNYeTON 7206 VYGONShchIK 1640	USB	(Gwr)
S30	5448	18-3	1427	Wed	8S1Shch GUZhOHLAD 0860	USB	(Gwr)
S30	5448	19-3	1213	Thu	8S1Shch 44794 V'YuKOMozG 4970 6924	USB	(Gwr)
S30	5448	20-3	0814	Fri	8S1Shch 31971 GAVROBASK 8021 1552	USB	(AB)
S30	5448	20-3	1315	Fri	53OB 78MV DYeAY JH'J 12CI 79AJ ShchT3O CIHS Z7PM S7ZhG (same calls and order as on 9 and 16 March 1211z)	USB	(AB)
S30	5448	24-3	1300	Tue	8S1Shch 96837 NYeSGIBAYeMYJ 4797 1657	USB	(Gwr)
S30	5448	24-3	1428	Tue	42BV 81BR M7KS PMV5 L'GJ KZI' TShchShchS VKY1 HCLF 61HZh	USB	(Gwr)
S30	5448	25-3	1029	Wed	8S1Shch 61441 BARKOPLAV 7179 9190 BALKOVYJ 9496 7146	USB	(Gwr)
S30	5448	25-3	1117	Wed	8S1Shch 73304 MYeTODOLOG 1330 4331 BUKOSAK 8300 4705	USB	(Gwr)
S30	5448	25-3	1131	Wed	8S1Shch 27606 BRIZOROST 8300 3156 ZVUKOTAL 8300 4994 AZIDOFYeN 8300 0406	USB	(Gwr)
S30	5448	25-3	1204	Wed	8S1Shch 41652 ZASALYeNNYJ 2331 7231	USB	(Gwr)
S30	5448	25-3	1244	Wed	8S1Shch 90960 MIMOFYeTR 2878 3368	USB	(Gwr)
S30	5448	25-3	1307	Wed	8S1Shch 32897 MODULYaCIYa 4281 2220 KVYeLYJ 8158 3403	USB	(Gwr)
S30	5448	25-3	1408	Wed	8S1Shch 98620 ARAL'SKIJ 8372 3320 MAJKOShLAM 9353 6835 ZVYaKOBYeJ 5134 6635	USB	(Gwr)
S30	5448	26-3	1011	Thu	8S1Shch 68550 LAGOZVUK 5291 8467	USB	(Gwr)
S30	5448	26-3	1127	Thu	8S1Shch 40519 BUYeK 8245 8340	USB	(Gwr)
S30	5448	26-3	1524	Thu	ZhBZU 4RVZ 3VS' DKJ1 ZhD9V 42BV 81BR M7KS PMV5 L'GJ	USB	(Gwr)
S30	5448	31-3	1300	Tue	Pip channel marker	USB	(AB)
S30	3756	31-3	1742	Tue	Pip channel marker	USB	(AB)
S32	5474	2-3	0917	Mon	Squeaky Wheel channel marker	USB	(ChPa)
S32	5473	2-3	0928	Mon	Al'fa-45 24930 KYeBOSLOT 5354 3357	USB	(Gwr)
S32	5473	2-3	0928	Mon	Al'fa-45 97032 GICHKA 5591 0976	USB	(Gwr)
S32	5473	4-3	0949	Wed	Al'fa-45 94483 ZhUIROBOKS 1811 4298	USB	(Gwr)
S32	5473	5-3	1135	Thu	Al'fa-45 62299 VSPYShYeChNYJ 9179 0974	USB	(AB)
S32	5473	9-3	1413	Mon	Al'fa-45 89508 MYeROChNYJ 3690 6729	USB	(Gwr)
S32	5473	10-3	0940	Tue	Al'fa-45 48324 ZACVYeTANIYe 0021 5496	USB	(Gwr)
S32	5473	10-3	0950	Tue	Al'fa-45 25119 BROVNYJ 2384 2794	USB	(Gwr)
S32	5473	10-3	1232	Tue	Al'fa-45 PROVYeRKA VYZOVA 4321 1234	USB	(Gwr)
S32	5473	12-3	1039	Thu	Al'fa-45 54962 ZANOShYeNNYJ 9687 5757	USB	(Gwr)
S32	5473	12-3	1047	Thu	Al'fa-45 65037 LUGOKLOP 7113 0807	USB	(Gwr)
S32	5473	12-3	1115	Thu	Al'fa-45 24474 BOLYeZNYJ 7900 4528	USB	(Gwr)

S32	5473	12-3	1132	Thu	Al'fa-45 84675 MYeTROZNAK 6776 7319	USB	(Gwr)
S32	5473	12-3	1534	Thu	Squeaky Wheel channel marker	USB	(AB)
S32	5473	13-3	1300	Fri	Al'fa-45 60410 OBLACHNOST' 9487 2386	USB	(Gwr)
S32	5473	13-3	1317	Fri	Yahta-94 Zaslonka-27 Firma-85 Stupa-32 Dzhigit-46 Ruzh'e-26 Nevka-26 Kurgan-40	USB	(Gwr)
S32	5473	16-3	1147	Mon	Al'fa-45 MATYeRKA 2186	USB	(Gwr)
S32	5473	16-3	1204	Mon	Al'fa-45 41004 ZYuJDOLOR 0639 3344	USB	(Gwr)
S32	5473	16-3	1230	Mon	Al'fa-45 81674 VINChYeSTYeR 1621 6102. Sent before S30, rare	USB	(Gwr)
S32	5473	16-3	1540	Mon	Al'fa-45 58324 GLOBONID 7845 3256	USB	(Gwr)
S32	5473	17-3	0950	Tue	Al'fa-45 MARShRUTNYJ 6053	USB	(Gwr)
S32	5473	17-3	1024	Tue	Al'fa-45 NYeYaSYT' 5091	USB	(Gwr)
S32	5473	17-3	1104	Tue	Al'fa-45 ZYeTOKOBYe 2485	USB	(Gwr)
S32	5473	17-3	1308	Tue	Al'fa-45 MAGNYeTON 7206 VYGONShchIK 1640	USB	(Gwr)
S32	5473	19-3	1217	Thu	Al'fa-45 31511 INDIJ 3894 6376	USB	(Gwr)
S32	5473	20-3	0817	Fri	Al'fa-45 55883 KOZYRAE 9885 7841	USB	(AB)
S32	5473	24-3	1303	Tue	Al'fa-45 79243 OBShIRNYJ 8887 4579	USB	(Gwr)
S32	5473	25-3	0926	Wed	Al'fa-45 44103 GROMOFlyuS 4946 1555	USB	(Gwr)
S32	5473	25-3	1033	Wed	Al'fa-45 91384 VYeSYel'CYe 1389 1966	USB	(Gwr)
S32	5473	25-3	1123	Wed	Al'fa-45 05375 ZALYeTNYJ 9347 8545	USB	(Gwr)
S32	5473	25-3	1138	Wed	Al'fa-45 94135 OBUHORUL' 2773 9405	USB	(Gwr)
S32	5473	25-3	1208	Wed	Al'fa-45 87195 KUVOTON 6374 7977 (broken marker)	USB	(Gwr)
S32	5473	25-3	1247	Wed	Al'fa-45 01551 BLYuMOVOZ 0864 3797	USB	(Gwr)
S32	5473	25-3	1310	Wed	Al'fa-45 10170 MARKSISTKA 5849 0017	USB	(Gwr)
S32	5473	25-3	1412	Wed	Al'fa-45 21432 BANKOSLOJ 8678 7656	USB	(Gwr)
S32	5473	26-3	1015	Thu	Al'fa-45 21795 ZAJMORYeJD 4323 5436	USB	(Gwr)
S32	5473	26-3	1130	Thu	Al'fa-45 59705 MASTYeROK 2145 9856	USB	(Gwr)
S32	5473	31-3	1301	Tue	Squeaky Wheel channel marker	USB	(AB)
S32	3828	31-3	1744	Tue	Squeaky Wheel channel marker	USB	(AB)
UM03	7920	11-3	0030	Wed	X2M i.p. 11 11 CK 100 CK 100 TIME 1937 TIME 1937 DATE 1103 DATE 1103 = BQSKZ UWLOD MODFV PSJYB ... on 7920, 8250, 8410 kHz	CW	(JPL-HK)
UM03	8250	11-3	0030	Wed	X2M i.p. 11 11 CK 100 CK 100 TIME 1937 TIME 1937 DATE 1103 DATE 1103 = BQSKZ UWLOD MODFV PSJYB ... on 7920, 8250, 8410 kHz	CW	(JPL-HK)
UM03	8410	11-3	0030	Wed	X2M i.p. 11 11 CK 100 CK 100 TIME 1937 TIME 1937 DATE 1103 DATE 1103 = BQSKZ UWLOD MODFV PSJYB ... on 7920, 8250, 8410 kHz	CW	(JPL-HK)
UM03	8410	16-3	0930	Mon	X2M i.p. 19 19 CK 100 CK 100 TIME 0429 TIME 0429 DATE 1703 DATE 1703 = ETWLN WLODF ODSJY JZBQS GUJLA MBDSV THWYN ZOQFI ... //8250 kHz	CW	(JPL-VTN)
UM03	8250	16-3	0930	Mon	X2M i.p. 19 19 CK 100 CK 100 TIME 0429 TIME 0429 DATE 1703 DATE 1703 = ETWLN WLODF ODSJY JZBQS GUJLA MBDSV THWYN ZOQFI ... //8410 kHz	CW	(JPL-VTN)
UM10	3124	1-3	1005	Sun	10-minutes net: DEJF	CW	(F5JBR-J)
UM10	3263	1-3	1025	Sun	10-minutes net: Q7JN //3956 kHz	CW	(F5JBR-J)

UM10	3956	1-3	1025	Sun	10-minutes net: Q7JN //3263 kHz	CW	(F5JBR-J)
UM10	3207	2-3	1812	Mon	10-minutes net: OBCD	CW	(JPL-RUS)
UM10	3956	2-3	1830	Mon	10-minutes net: Q7JN //3263	CW	(JPL-RUS)
UM10	3263	2-3	1830	Mon	10-minutes net: Q7JN //3956	CW	(JPL-RUS)
UM10	6860	3-3	0910	Tue	10-minutes net: L6YC	CW	(F5JBR-J)
UM10	3207	3-3	0912	Tue	10-minutes net: OBCD //3192 kHz	CW	(F5JBR-J)
UM10	3192	3-3	0912	Tue	10-minutes net: OBCD //3207 kHz	CW	(F5JBR-J)
UM10	6782	4-3	0632	Wed	10-minutes net: 4DAG //5880 kHz	CW	(F5JBR-J)
UM10	5880	4-3	0632	Wed	10-minutes net: 4DAG //6782 kHz	CW	(F5JBR-J)
UM10	3860	5-3	1754	Thu	10-minutes net: L6YC	CW	(JPL-KOR)
UM10	3207	9-3	1840	Mon	10-minutes net: OBCD	CW	(F5JBR-J)
UM10	3860	9-3	1844	Mon	10-minutes net: L6YC	CW	(F5JBR-J)
UM10	6795	10-3	0711	Tue	10-minutes net: L6YC	CW	(F5JBR-J)
UM10	5880	10-3	0716	Tue	10-minutes net: 4DAG	CW	(F5JBR-J)
UM10	3115	10-3	1345	Tue	10-minutes net: L6YC //3860 kHz	CW	(F5JBR-J)
UM10	3860	17-3	1847	Tue	10-minutes net: L6YC	CW	(JPL-RUS)
V07	15893	1-3	0100	Sun	868 868 868 1 233 74 77235 58452 45650 ... 16397 03185 000 000	USB	(Dan)
V07	14693	1-3	0120	Sun	868 868 868 1 233 74 77235 58452 45650 ... 16397 03185 000 000	USB	(Dan/HFD-USA)
V07	13893	1-3	0140	Sun	868 868 868 1 233 74 77235 58452 45650 ... 16397 03185 000 000	USB	(Dan/HFD-USA)
V07	15893	8-3	0100	Sun	868 868 868 1 580 86 00616 81914 23709 73503 99578 000 000	USB	(Dan/HFD-USA)
V07	14693	8-3	0120	Sun	868 868 868 1 580 86 00616 81914 23709 73503 99578 000 000	USB	(Dan)
V07	13893	8-3	0140	Sun	868 868 868 1 580 86 00616 81914 23709 73503 99578 000 000	USB	(Dan)
V07	15893	15-3	0100	Sun	868 868 868 1 386 88 386 88 57481 46205 67157 ... 75283 82809 92124 000 000	USB	(Dan)
V07	14693	15-3	0120	Sun	868 868 868 1 386 88 386 88 57481 46205 67157 ... 75283 82809 92124 000 000	USB	(Dan)
V07	13893	15-3	0140	Sun	868 868 868 1 386 88 386 88 57481 46205 67157 ... 75283 82809 92124 000 000	USB	(Dan)
V07	15893	22-3	0100	Sun	868 868 868 1 457 32 82752 ...	USB	(Dan/HFD-USA)
V07	14693	22-3	0120	Sun	868 868 868 1 457 32 82752 ...	USB	(Dan/HFD-USA)
V07	13893	22-3	0140	Sun	868 868 868 1 457 32 82752 ...	USB	(Dan/HFD-USA)
V07	15893	29-3	0100	Sun	868 868 868 1 8351 25 8351 24 94276 49303 58580 ... 33329 82734 000 000	USB	(Dan)
V07	13893	29-3	0100	Sun	868 868 868 1 8351 25 8351 24 94276 49303 58580 ... 33329 82734 000 000	USB	(Dan)
V07	14693	29-3	0100	Sun	868 868 868 1 8351 25 8351 24 94276 49303 58580 ... 33329 82734 000 000	USB	(Dan)
V13	7688	30-3	1300	Mon	New Star Broadcasting station. Messages in Chinese	USB	(AB-J)
V15	3320	7-3	1445	Sat	North Korean intelligence via PBS Pyongyang Pansong. Message in Korean //657 kHz	AM	(AB-J)
V15	657	7-3	1445	Sat	North Korean intelligence via PBS Pyongyang Pansong. Message in Korean //3320 kHz	AM	(AB-J)
V15	657	12-3	1545	Thu	North Korean intelligence via PBS Pyongyang Pansong. Message in Korean //3320 kHz	AM	(AB-J)
V15	3320	12-3	1545	Thu	North Korean intelligence via PBS Pyongyang Pansong. Message in Korean //657 kHz	AM	(AB-J)
V24	6310	1-3	1533	Sun	i.p. message in Korean	AM	(AB-J)
V24	4925	11-3	1430	Wed	Dvorak's Slavonic Dances followed by a message in Korean	AM	(AB-J)
V24	4925	13-3	1430	Fri	Dvorak's Slavonic Dances followed by a message in Korean	AM	(AB-J)

V24	5115	13-3	1600	Fri	K-posong followed by a message in Korean	AM	(AB-J)
V24	4925	15-3	1430	Sun	Dvorak's Slavonic Dances followed by a message in Korean	AM	(AB-J)
V24	5115	16-3	1600	Mon	K-posong followed by a message in Korean	AM	(CM2-J)
V24	5150	18-3	1400	Wed	K-pop song followed by a message in Korean	AM	(AB-J)
V24	5715	19-3	1501	Thu	K-popsong followed by a message in Korean	AM	(AB-J)
V24	4900	23-3	1530	Mon	K-posong followed by a message in Korean	AM	(AB-J)
V24	4900	25-3	1530	Wed	K-popsong followed by a message in Korean	AM	(AB-J)
V24	5715	26-3	1500	Thu	K-popsong followed by a message in Korean	AM	(AB-J)
V24	4900	27-3	1530	Fri	K-posong followed by a message in Korean	AM	(AB-J)
V28	4625	5-3	0903	Thu	Parrot. Message in Korean. Female operator	AM	(HK)
V28	5148	5-3	0903	Thu	Parrot. Test count. Male operator	AM	(HK)
V28	2998	8-3	2108	Sun	Parrot. Messages in Korean. Male operator	AM	(HK)
V28	3049	8-3	2108	Sun	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	4486	8-3	2108	Sun	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	4984	8-3	2108	Sun	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	4984	9-3	2107	Mon	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	3048	9-3	2107	Mon	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	4498	9-3	2107	Mon	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	2997	9-3	2107	Mon	Parrot. Messages in Korean. Male operator	AM	(HK)
X06	12210	17-3	0857	Tue	MFA Moscow clg 165423 Russian embassy Brussels (spur of 12157 kHz)	MFSK-6	(AB)
X06	12157	17-3	0857	Tue	MFA Moscow clg 165423 Russian embassy Brussels (spur on 12210 kHz)	MFSK-6	(AB)
X06	14935	25-3	0722	Wed	MFA Moscow clg 435621: Russian embassy Maputo	MFSK	(Danix)
X06	12126	26-3	0808	Thu	MFA Moscow clg 521634 Russian embassy Bucharest	MFSK	(AB)
X06b	12132	31-3	0725	Tue	Sequence 111666 before XPA1	MFSK-6	(AB)
X06b	12132	31-3	0726	Tue	Sequence 111666 before XPA1	MFSK-6	(AB)
XPA1	12132	3-3	0810	Tue	973 973 973 000 06468 00001 00000 37264	MFSK-20/10Bd	(AB/HFD)
XPA1	13453	3-3	0830	Tue	973 973 973 000 06468 00001 00000 37264	MFSK-20/10Bd	(AB/HFD)
XPA1	14576	3-3	0850	Tue	973 973 973 000 06468 00001 00000 37264	MFSK-20/10Bd	(AB/HFD)
XPA1	12132	5-3	0810	Thu	973 973 973 000 08545 00001 00000 36264	MFSK-20/10Bd	(AB)
XPA1	13453	5-3	0830	Thu	973 973 973 000 08545 00001 00000 36264	MFSK-20/10Bd	(AB)
XPA1	14576	5-3	0850	Thu	973 973 973 000 08545 00001 00000 36264	MFSK-20/10Bd	(AB)
XPA1	12132	10-3	0810	Tue	973 973 973 1 00365 00055 15098 ... 32221 79087 63240	MFSK-20/10Bd	(AB)
XPA1	13453	10-3	0830	Tue	973 973 973 1 00365 00055 15098 ... 32221 79087 63240	MFSK-20/10Bd	(AB)
XPA1	14576	10-3	0850	Tue	973 973 973 1 00365 00055 15098 ... 32221 79087 63240	MFSK-20/10Bd	(AB)
XPA1	12132	12-3	0810	Thu	973 973 973 1 00365 00055 15098 ... 32221 79087 63240	MFSK-20/10Bd	(AB)
XPA1	13453	12-3	0830	Thu	973 973 973 1 00365 00055 15098 ... 32221 79087 63240	MFSK-20/10Bd	(AB)
XPA1	14576	12-3	0850	Thu	973 973 973 1 00365 00055 15098 ... 32221 79087 63240	MFSK-20/10Bd	(AB)
XPA1	12132	17-3	0810	Tue	973 973 973 1 00365 00055 15098 ... 32221 79087 63240	MFSK-20/10Bd	(AB)
XPA1	13453	17-3	0830	Tue	973 973 973 1 00365 00055 15098 ... 32221 79087 63240	MFSK-20/10Bd	(AB)

XPA1	14576	17-3	0850	Tue	973 973 973 1 00365 00055 15098 ... 32221 79087 63240	MFSK-20/10Bd	(AB)
XPA1	12132	19-3	0810	Thu	973 973 973 1 00365 00055 15098 ... 32221 79087 63240	MFSK-20/10Bd	(AB)
XPA1	13453	19-3	0830	Thu	973 973 973 1 00365 00055 15098 ... 32221 79087 63240	MFSK-20/10Bd	(AB)
XPA1	14576	19-3	0850	Thu	973 973 973 1 00365 00055 15098 ... 32221 79087 63240	MFSK-20/10Bd	(AB)
XPA1	12132	24-3	0810	Tue	973 973 973 000 02590 00001 00000 33663	MFSK-20/10Bd	(AB)
XPA1	13453	24-3	0830	Tue	973 973 973 000 02590 00001 00000 33663	MFSK-20/10Bd	(AB)
XPA1	14576	24-3	0850	Tue	973 973 973 000 02590 00001 00000 33663	MFSK-20/10Bd	(AB)
XPA1	12132	26-3	0810	Thu	973 973 973 000 03042 00001 00000 32257	MFSK-20/10Bd	(AB)
XPA1	13453	26-3	0830	Thu	973 973 973 000 03042 00001 00000 32257	MFSK-20/10Bd	(AB)
XPA1	14576	26-3	0850	Thu	973 973 973 000 03042 00001 00000 32257	MFSK-20/10Bd	(AB)
XPA1	12132	31-3	0810	Tue	973 973 973 000 06346 00001 00000 35662	MFSK-20/10Bd	(AB)
XPA1	13453	31-3	0830	Tue	973 973 973 000 06346 00001 00000 35662	MFSK-20/10Bd	(AB)
XPA1	14576	31-3	0850	Tue	973 973 973 000 06346 00001 00000 35662	MFSK-20/10Bd	(AB)
XPA2	13931	2-3	0800	Mon	02934 00001 00000 37655	MFSK-16/20Bd	(AB/HFD)
XPA2	14831	2-3	0820	Mon	02934 00001 00000 37655	MFSK-16/20Bd	(HFD)
XPA2	18333	2-3	0910	Mon	00205 00098 50069 ... 85807 57077 43714	MFSK-16/20Bd	(AB)
XPA2	16345	2-3	0930	Mon	00205 00098 50069 ... 85807 57077 43714	MFSK-16/20Bd	(AB)
XPA2	14838	2-3	0950	Mon	00205 00098 50069 ... 85807 57077 43714	MFSK-16/20Bd	(AB/RL)
XPA2	12163	2-3	1600	Mon	02934 00001 00000 37655	MFSK-16/20Bd	(AB/HFD)
XPA2	10863	2-3	1620	Mon	02934 00001 00000 37655	MFSK-16/20Bd	(AB/HFD)
XPA2	9363	2-3	1640	Mon	02934 00001 00000 37655	MFSK-16/20Bd	(AB/HFD)
XPA2	13384	3-3	1200	Tue	04000 00001 00000 31254	MFSK-16/20Bd	(AB/RL/HFD)
XPA2	13984	3-3	1220	Tue	04000 00001 00000 31254	MFSK-16/20Bd	(AB/RL/HFD)
XPA2	14984	3-3	1240	Tue	04000 00001 00000 31254	MFSK-16/20Bd	(AB/RL/HFD)
XPA2	13994	3-3	1600	Tue	05554 00001 00000 33662	MFSK-16/20Bd	(AB/MPJ)
XPA2	13494	3-3	1620	Tue	05554 00001 00000 33662	MFSK-16/20Bd	(AB/MPJ)
XPA2	12194	3-3	1640	Tue	05554 00001 00000 33662	MFSK-16/20Bd	(AB/MPJ)
XPA2	13931	4-3	0800	Wed	04424 00001 00000 35256	MFSK-16/20Bd	(AB/HFD)
XPA2	14831	4-3	0820	Wed	04424 00001 00000 35256	MFSK-16/20Bd	(AB/HFD)
XPA2	16131	4-3	0840	Wed	04424 00001 00000 35256	MFSK-16/20Bd	(AB/HFD-RUS)
XPA2	18333	4-3	0910	Wed	00205 00098 50069 ... 85807 57077 43714	MFSK-16/20Bd	(AB-RUS)
XPA2	16345	4-3	0930	Wed	00205 00098 50069 ... 85807 57077 43714	MFSK-16/20Bd	(AB-RUS)
XPA2	14838	4-3	0950	Wed	00205 00098 50069 ... 85807 57077 43714	MFSK-16/20Bd	(AB)
XPA2	16261	5-3	0910	Thu	06948 00180 12420 ... 00946 69037 73454	MFSK-16/20Bd	(AB/HFD)
XPA2	15961	5-3	0930	Thu	06948 00180 12420 ... 00946 69037 73454	MFSK-16/20Bd	(AB/HFD)
XPA2	14861	5-3	0950	Thu	06948 00180 12420 ... 00946 69037 73454	MFSK-16/20Bd	(AB/HFD)
XPA2	13994	5-3	1600	Thu	08532 00001 00000 34663	MFSK-16/20Bd	(AB/HFD)
XPA2	13494	5-3	1620	Thu	08532 00001 00000 34663	MFSK-16/20Bd	(AB/HFD)
XPA2	12194	5-3	1640	Thu	08532 00001 00000 34663	MFSK-16/20Bd	(AB/HFD)

XPA2	12139	6-3	1200	Fri	00449 00186 38518 ... 71288 24960 34710	MFSK-16/20Bd	(AB)
XPA2	13539	6-3	1220	Fri	00449 00186 38518 ... 71288 24960 34710	MFSK-16/20Bd	(AB)
XPA2	14639	6-3	1240	Fri	00449 00186 38518 ... 71288 24960 34710	MFSK-16/20Bd	(AB)
XPA2	16261	7-3	0910	Sat	06948 00180 12420 ... 00946 69037 73454	MFSK-16/20Bd	(AB)
XPA2	15961	7-3	0930	Sat	06948 00180 12420 ... 00946 69037 73454	MFSK-16/20Bd	(AB)
XPA2	14981	7-3	0950	Sat	06948 00180 12420 ... 00946 69037 73454	MFSK-16/20Bd	(AB)
XPA2	12163	7-3	1600	Sat	06761 00001 00000 35264	MFSK-16/20Bd	(AB/MPJ)
XPA2	10863	7-3	1620	Sat	06761 00001 00000 35264	MFSK-16/20Bd	(AB/MPJ)
XPA2	9363	7-3	1640	Sat	06761 00001 00000 35264	MFSK-16/20Bd	(AB/MPJ)
XPA2	13384	8-3	1200	Sun	07049 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	13984	8-3	1220	Sun	07049 00001 00000 35663	MFSK-16/20Bd	(AB/RL)
XPA2	14984	8-3	1240	Sun	07049 00001 00000 35663	MFSK-16/20Bd	(AB/RL)
XPA2	13931	9-3	0800	Mon	06844 00001 00000 37262	MFSK-16/20Bd	(AB)
XPA2	14831	9-3	0820	Mon	06844 00001 00000 37262	MFSK-16/20Bd	(AB)
XPA2	16131	9-3	0840	Mon	06844 00001 00000 37262	MFSK-16/20Bd	(AB)
XPA2	18333	9-3	0910	Mon	03290 00001 00000 32264	MFSK-16/20Bd	(AB)
XPA2	16345	9-3	0930	Mon	03290 00001 00000 32264	MFSK-16/20Bd	(AB)
XPA2	14838	9-3	0950	Mon	03290 00001 00000 32264	MFSK-16/20Bd	(AB)
XPA2	13384	10-3	1200	Tue	07937 00001 00000 41262	MFSK-16/20Bd	(AB)
XPA2	13984	10-3	1220	Tue	07937 00001 00000 41262	MFSK-16/20Bd	(AB)
XPA2	14984	10-3	1240	Tue	07937 00001 00000 41262	MFSK-16/20Bd	(AB)
XPA2	13994	10-3	1600	Tue	00499 00205 32195 ... 76445 89451 75564	MFSK-16/20Bd	(AB/MPJ)
XPA2	13494	10-3	1620	Tue	00499 00205 32195 ... 76445 89451 75564	MFSK-16/20Bd	(AB/MPJ)
XPA2	12194	10-3	1640	Tue	00499 00205 32195 ... 76445 89451 75564	MFSK-16/20Bd	(AB/MPJ)
XPA2	13931	11-3	0800	Wed	02884 00001 00000 37262	MFSK-16/20Bd	(AB)
XPA2	14831	11-3	0820	Wed	02884 00001 00000 37262	MFSK-16/20Bd	(AB)
XPA2	16131	11-3	0840	Wed	02884 00001 00000 37262	MFSK-16/20Bd	(AB)
XPA2	18333	11-3	0910	Wed	03955 00001 00000 40260	MFSK-16/20Bd	(AB-RUS)
XPA2	16345	11-3	0930	Wed	03955 00001 00000 40260	MFSK-16/20Bd	(AB)
XPA2	14838	11-3	0950	Wed	03955 00001 00000 40260	MFSK-16/20Bd	(AB/RL)
XPA2	12139	11-3	1200	Wed	05768 00120 58320 ... 00620 20757 45655	MFSK-16/20Bd	(AB)
XPA2	13539	11-3	1220	Wed	05768 00120 58320 ... 00620 20757 45655	MFSK-16/20Bd	(AB)
XPA2	14639	11-3	1240	Wed	05768 00120 58320 ... 00620 20757 45655	MFSK-16/20Bd	(AB)
XPA2	16261	12-3	0910	Thu	06103 00130 37280 ... 56441 42710 31761	MFSK-16/20Bd	(AB)
XPA2	15961	12-3	0930	Thu	06103 00130 37280 ... 56441 42710 31761	MFSK-16/20Bd	(AB)
XPA2	14981	12-3	0950	Thu	06103 00130 37280 ... 56441 42710 31761	MFSK-16/20Bd	(AB)
XPA2	13994	12-3	1600	Thu	00499 00205 32195 ... 76445 89451 75564	MFSK-16/20Bd	(AB/MPJ)
XPA2	13494	12-3	1620	Thu	00499 00205 32195 ... 76445 89451 75564	MFSK-16/20Bd	(AB/MPJ)
XPA2	12194	12-3	1640	Thu	00499 00205 32195 ... 76445 89451 75564	MFSK-16/20Bd	(AB/MPJ)

XPA2	12139	13-3	1200	Fri	05768 00120 58320 ... 00620 20757 45655	MFSK-16/20Bd	(AB)
XPA2	13539	13-3	1220	Fri	05768 00120 58320 ... 00620 20757 45655	MFSK-16/20Bd	(AB)
XPA2	14639	13-3	1240	Fri	05768 00120 58320 ... 00620 20757 45655	MFSK-16/20Bd	(AB)
XPA2	16261	14-3	0910	Sat	06103 00130 37280 ... 56441 42710 31761	MFSK-16/20Bd	(AB)
XPA2	15961	14-3	0930	Sat	06103 00130 37280 ... 56441 42710 31761	MFSK-16/20Bd	(AB)
XPA2	14981	14-3	0950	Sat	06103 00130 37280 ... 56441 42710 31761	MFSK-16/20Bd	(AB)
XPA2	12163	14-3	1600	Sat	08718 00001 00000 40661	MFSK-16/20Bd	(AB)
XPA2	10863	14-3	1620	Sat	08718 00001 00000 40661	MFSK-16/20Bd	(AB)
XPA2	9363	14-3	1640	Sat	08718 00001 00000 40661	MFSK-16/20Bd	(AB)
XPA2	13384	15-3	1200	Sun	05693 00001 00000 35666	MFSK-16/20Bd	(AB/MPJ)
XPA2	13984	15-3	1220	Sun	05693 00001 00000 35666	MFSK-16/20Bd	(AB/MPJ)
XPA2	14984	15-3	1240	Sun	05693 00001 00000 35666	MFSK-16/20Bd	(AB/MPJ)
XPA2	13931	16-3	0800	Mon	00077 00001 00000 34660	MFSK-16/20Bd	(AB)
XPA2	14831	16-3	0820	Mon	00077 00001 00000 34660	MFSK-16/20Bd	(AB)
XPA2	16131	16-3	0840	Mon	00077 00001 00000 34660	MFSK-16/20Bd	(AB)
XPA2	18333	16-3	0910	Mon	00210 00190 33126 ... 14920 66947 51212	MFSK-16/20Bd	(AB)
XPA2	16345	16-3	0930	Mon	00210 00190 33126 ... 14920 66947 51212	MFSK-16/20Bd	(AB)
XPA2	14838	16-3	0950	Mon	00210 00190 33126 ... 14920 66947 51212	MFSK-16/20Bd	(AB)
XPA2	12163	16-3	1600	Mon	07912 00001 00000 36660	MFSK-16/20Bd	(AB)
XPA2	10863	16-3	1620	Mon	07912 00001 00000 36660	MFSK-16/20Bd	(AB)
XPA2	9363	16-3	1640	Mon	07912 00001 00000 36660	MFSK-16/20Bd	(AB)
XPA2	13384	17-3	1200	Tue	00351 00048 66638 ... 16407 11404 26222	MFSK-16/20Bd	(AB)
XPA2	13984	17-3	1220	Tue	00351 00048 66638 ... 16407 11404 26222	MFSK-16/20Bd	(AB)
XPA2	14984	17-3	1240	Tue	00351 00048 66638 ... 16407 11404 26222	MFSK-16/20Bd	(AB/RL)
XPA2	13994	17-3	1600	Tue	09086 00001 00000 34271	MFSK-16/20Bd	(AB/MPJ)
XPA2	13494	17-3	1620	Tue	09086 00001 00000 34271	MFSK-16/20Bd	(AB/MPJ)
XPA2	12194	17-3	1640	Tue	09086 00001 00000 34271	MFSK-16/20Bd	(AB/MPJ)
XPA2	13931	18-3	0800	Wed	07060 00001 00000 31265	MFSK-16/20Bd	(AB)
XPA2	14831	18-3	0820	Wed	07060 00001 00000 31265	MFSK-16/20Bd	(AB)
XPA2	16131	18-3	0840	Wed	07060 00001 00000 31265	MFSK-16/20Bd	(AB)
XPA2	18333	18-3	0910	Wed	00210 00190 33126 ... 14920 66947 51212	MFSK-16/20Bd	(AB)
XPA2	16345	18-3	0930	Wed	00210 00190 33126 ... 14920 66947 51212	MFSK-16/20Bd	(AB)
XPA2	14838	18-3	0950	Wed	00210 00190 33126 ... 14920 66947 51212	MFSK-16/20Bd	(AB/RL)
XPA2	12139	18-3	1200	Wed	03968 00001 00000 41661	MFSK-16/20Bd	(AB)
XPA2	13539	18-3	1220	Wed	03968 00001 00000 41661	MFSK-16/20Bd	(AB)
XPA2	14639	18-3	1240	Wed	03968 00001 00000 41661	MFSK-16/20Bd	(AB)
XPA2	16261	19-3	0910	Thu	03968 00001 00000 41661	MFSK-16/20Bd	(AB)
XPA2	15961	19-3	0930	Thu	03968 00001 00000 41661	MFSK-16/20Bd	(AB)
XPA2	14861	19-3	0950	Thu	03968 00001 00000 41661	MFSK-16/20Bd	(AB/RL)

XPA2	13994	19-3	1600	Thu	09867 00001 00000 40667	MFSK-16/20Bd	(AB)
XPA2	13494	19-3	1620	Thu	09867 00001 00000 40667	MFSK-16/20Bd	(AB)
XPA2	12194	19-3	1640	Thu	09867 00001 00000 40667	MFSK-16/20Bd	(AB)
XPA2	12139	20-3	1200	Fri	03525 00001 00000 36255	MFSK-16/20Bd	(AB)
XPA2	13539	20-3	1220	Fri	03525 00001 00000 36255	MFSK-16/20Bd	(AB)
XPA2	14639	20-3	1240	Fri	03525 00001 00000 36255	MFSK-16/20Bd	(AB)
XPA2	16261	21-3	0910	Sat	07400 00001 00000 33257	MFSK-16/20Bd	(AB)
XPA2	15961	21-3	0930	Sat	07400 00001 00000 33257	MFSK-16/20Bd	(AB)
XPA2	14981	21-3	0950	Sat	07400 00001 00000 33257	MFSK-16/20Bd	(AB)
XPA2	12163	21-3	1600	Sat	09762 00001 00000 35667	MFSK-16/20Bd	(AB)
XPA2	10863	21-3	1620	Sat	09762 00001 00000 35667	MFSK-16/20Bd	(AB)
XPA2	9363	21-3	1640	Sat	09762 00001 00000 35667	MFSK-16/20Bd	(AB)
XPA2	13384	22-3	1200	Sun	00351 00048 66638 ... 16407 11404 26222	MFSK-16/20Bd	(AB/MPJ)
XPA2	13984	22-3	1220	Sun	00351 00048 66638 ... 16407 11404 26222	MFSK-16/20Bd	(AB/MPJ)
XPA2	14984	22-3	1240	Sun	00351 00048 66638 ... 16407 11404 26222	MFSK-16/20Bd	(AB/MPJ)
XPA2	13931	23-3	0800	Mon	06176 00001 00000 34665	MFSK-16/20Bd	(AB)
XPA2	14831	23-3	0820	Mon	06176 00001 00000 34665	MFSK-16/20Bd	(AB)
XPA2	16131	23-3	0840	Mon	06176 00001 00000 34665	MFSK-16/20Bd	(AB)
XPA2	18333	23-3	0910	Mon	00210 00190 33126 ... 14920 66947 51212	MFSK-16/20Bd	(AB)
XPA2	16345	23-3	0930	Mon	00210 00190 33126 ... 14920 66947 51212	MFSK-16/20Bd	(AB)
XPA2	14838	23-3	0950	Mon	00210 00190 33126 ... 14920 66947 51212	MFSK-16/20Bd	(AB)
XPA2	12163	23-3	1600	Mon	07363 00001 00000 34265	MFSK-16/20Bd	(AB/MPJ)
XPA2	10863	23-3	1620	Mon	07363 00001 00000 34265	MFSK-16/20Bd	(AB/MPJ)
XPA2	9363	23-3	1640	Mon	07363 00001 00000 34265	MFSK-16/20Bd	(AB/MPJ)
XPA2	13384	24-3	1200	Tue	00688 00080 08130 ... 48854 27215 76540	MFSK-16/20Bd	(AB/MPJ)
XPA2	13984	24-3	1220	Tue	00688 00080 08130 ... 48854 27215 76540	MFSK-16/20Bd	(AB/MPJ)
XPA2	14984	24-3	1240	Tue	00688 00080 08130 ... 48854 27215 76540	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	13994	24-3	1600	Tue	00582 00098 71205 ... 34377 77115 04541	MFSK-16/20Bd	(AB/MPJ)
XPA2	13494	24-3	1620	Tue	00582 00098 71205 ... 34377 77115 04541	MFSK-16/20Bd	(AB/MPJ)
XPA2	12194	24-3	1640	Tue	00582 00098 71205 ... 34377 77115 04541	MFSK-16/20Bd	(AB/MPJ)
XPA2	13931	25-3	0800	Wed	08033 00001 00000 32663	MFSK-16/20Bd	(AB)
XPA2	14831	25-3	0820	Wed	08033 00001 00000 32663	MFSK-16/20Bd	(AB)
XPA2	16131	25-3	0840	Wed	08033 00001 00000 32663	MFSK-16/20Bd	(AB)
XPA2	18333	25-3	0910	Wed	00210 00190 33126 ... 14920 66947 51212	MFSK-16/20Bd	(AB)
XPA2	16345	25-3	0930	Wed	00210 00190 33126 ... 14920 66947 51212	MFSK-16/20Bd	(AB)
XPA2	14838	25-3	0950	Wed	00210 00190 33126 ... 14920 66947 51212	MFSK-16/20Bd	(AB)
XPA2	12139	25-3	1200	Wed	07335 00052 63465 ... 34705 97694 36247	MFSK-16/20Bd	(AB)
XPA2	13539	25-3	1220	Wed	07335 00052 63465 ... 34705 97694 36247	MFSK-16/20Bd	(AB)
XPA2	14639	25-3	1240	Wed	07335 00052 63465 ... 34705 97694 36247	MFSK-16/20Bd	(AB)

XPA2	16261	26-3	0910	Thu	00440 00052 23380 ... 87176 43825 46389 36710	MFSK-16/20Bd	(AB)
XPA2	15961	26-3	0930	Thu	00440 00052 23380 ... 87176 43825 46389 36710	MFSK-16/20Bd	(AB)
XPA2	14861	26-3	0950	Thu	00440 00052 23380 ... 87176 43825 46389 36710	MFSK-16/20Bd	(AB)
XPA2	13994	26-3	1600	Thu	00582 00098 71205 ... 34377 77115 04541	MFSK-16/20Bd	(AB)
XPA2	13494	26-3	1620	Thu	00582 00098 71205 ... 34377 77115 04541	MFSK-16/20Bd	(AB)
XPA2	12194	26-3	1640	Thu	00582 00098 71205 ... 34377 77115 04541	MFSK-16/20Bd	(AB)
XPA2	12139	27-3	1200	Fri	07335 00052 63465 ... 34705 97694 36247	MFSK-16/20Bd	(AB)
XPA2	13539	27-3	1220	Fri	07335 00052 63465 ... 34705 97694 36247	MFSK-16/20Bd	(AB/RL)
XPA2	14639	27-3	1240	Fri	07335 00052 63465 ... 34705 97694 36247	MFSK-16/20Bd	(AB/RL)
XPA2	16261	28-3	0910	Sat	00440 00052 23380 ... 87176 43825 46389 36710	MFSK-16/20Bd	(AB)
XPA2	15961	28-3	0930	Sat	00440 00052 23380 ... 87176 43825 46389 36710	MFSK-16/20Bd	(AB)
XPA2	14861	28-3	0950	Sat	00440 00052 23380 ... 87176 43825 46389 36710	MFSK-16/20Bd	(AB)
XPA2	12163	28-3	1600	Sat	01956 00001 00000 40656	MFSK-16/20Bd	(AB)
XPA2	10863	28-3	1620	Sat	01956 00001 00000 40656	MFSK-16/20Bd	(AB)
XPA2	9363	28-3	1640	Sat	01956 00001 00000 40656	MFSK-16/20Bd	(AB)
XPA2	13384	29-3	1200	Sun	01688 00080 08130 ... 48854 27215 76540	MFSK-16/20Bd	(AB/MPJ)
XPA2	13984	29-3	1220	Sun	01688 00080 08130 ... 48854 27215 76540	MFSK-16/20Bd	(AB/MPJ)
XPA2	14984	29-3	1240	Sun	01688 00080 08130 ... 48854 27215 76540	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	13931	30-3	0800	Mon	02085 00001 00000 33662	MFSK-16/20Bd	(AB)
XPA2	14831	30-3	0820	Mon	02085 00001 00000 33662	MFSK-16/20Bd	(AB)
XPA2	16131	30-3	0840	Mon	02085 00001 00000 33662	MFSK-16/20Bd	(AB)
XPA2	18333	30-3	0910	Mon	08222 00001 00000 33262	MFSK-16/20Bd	(AB)
XPA2	16345	30-3	0930	Mon	08222 00001 00000 33262	MFSK-16/20Bd	(AB)
XPA2	14838	30-3	0950	Mon	08222 00001 00000 33262	MFSK-16/20Bd	(AB)
XPA2	12163	30-3	1600	Mon	00397 00141 45381 ... 69259 78682 70172	MFSK-16/20Bd	(AB)
XPA2	10863	30-3	1620	Mon	00397 00141 45381 ... 69259 78682 70172	MFSK-16/20Bd	(AB)
XPA2	9363	30-3	1640	Mon	00397 00141 45381 ... 69259 78682 70172	MFSK-16/20Bd	(AB)
XPA2	13384	31-3	1200	Tue	09551 00152 30163 ... 03844 71826 13037	MFSK-16/20Bd	(AB)
XPA2	13984	31-3	1220	Tue	09551 00152 30163 ... 03844 71826 13037	MFSK-16/20Bd	(AB/RL)
XPA2	14984	31-3	1240	Tue	09551 00152 30163 ... 03844 71826 13037	MFSK-16/20Bd	(AB/RL)
XPA2	13994	31-3	1600	Tue	04926 00001 00000 40656	MFSK-16/20Bd	(AB/MPJ)
XPA2	13494	31-3	1620	Tue	04926 00001 00000 40656	MFSK-16/20Bd	(AB/MPJ)
XPA2	12194	31-3	1640	Tue	04926 00001 00000 40656	MFSK-16/20Bd	(AB/MPJ)
XPB1	9181	1-3	2000	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	7881	1-3	2010	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	6881	1-3	2020	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5881	1-3	2030	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5181	1-3	2040	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4581	1-3	2050	Sun	Russian intel.	MFSK-16	(AB/HFD)

XPB1	14953	2-3	1130	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14353	2-3	1140	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13553	2-3	1150	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14987	2-3	1200	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13964	2-3	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13439	2-3	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12158	2-3	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11588	2-3	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	10427	2-3	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	9181	3-3	2000	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7881	3-3	2010	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6881	3-3	2020	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5881	3-3	2030	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5181	3-3	2040	Tue	Russian intel.	MFSK-16	(AB)
XPB1	4581	3-3	2050	Tue	Russian intel.	MFSK-16	(AB)
XPB1	18253	7-3	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17453	7-3	1110	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15953	7-3	1120	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14953	7-3	1130	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14353	7-3	1140	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13553	7-3	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14987	7-3	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13964	7-3	1210	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13439	7-3	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12158	7-3	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11588	7-3	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10427	7-3	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9181	8-3	2000	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	7881	8-3	2010	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	6881	8-3	2020	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5881	8-3	2030	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5181	8-3	2040	Sun	Russian intel.	MFSK-16	(AB)
XPB1	4581	8-3	2050	Sun	Russian intel.	MFSK-16	(AB)
XPB1	18253	9-3	1100	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17453	9-3	1110	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15953	9-3	1120	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14953	9-3	1130	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14353	9-3	1140	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13553	9-3	1150	Mon	Russian intel.	MFSK-16	(AB)

XPB1	14987	9-3	1200	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13964	9-3	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13439	9-3	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12158	9-3	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11588	9-3	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	10427	9-3	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	9181	10-3	2000	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7881	10-3	2010	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6881	10-3	2020	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5881	10-3	2030	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5181	10-3	2040	Tue	Russian intel.	MFSK-16	(AB)
XPB1	4581	10-3	2050	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	18253	14-3	1100	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	17453	14-3	1110	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	15953	14-3	1120	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14953	14-3	1130	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14353	14-3	1140	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13553	14-3	1150	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	9181	15-3	2000	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	7881	15-3	2010	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	6881	15-3	2020	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5881	15-3	2030	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5181	15-3	2040	Sun	Russian intel.	MFSK-16	(AB)
XPB1	4581	15-3	2050	Sun	Russian intel.	MFSK-16	(AB)
XPB1	18253	16-3	1100	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17453	16-3	1110	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15953	16-3	1120	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14953	16-3	1130	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14353	16-3	1140	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13553	16-3	1150	Mon	Russian intel.	MFSK-16	(AB)
XPB1	9181	17-3	2000	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7881	17-3	2010	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6881	17-3	2020	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5881	17-3	2030	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5181	17-3	2040	Tue	Russian intel.	MFSK-16	(AB)
XPB1	4581	17-3	2050	Tue	Russian intel.	MFSK-16	(AB)
XPB1	18253	21-3	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17453	21-3	1110	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15953	21-3	1120	Sat	Russian intel.	MFSK-16	(AB)

XPB1	14953	21-3	1130	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14353	21-3	1140	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13553	21-3	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9181	22-3	2000	Sun	Russian intel.	MFSK-16	(AB)
XPB1	7881	22-3	2010	Sun	Russian intel.	MFSK-16	(AB)
XPB1	6881	22-3	2020	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5881	22-3	2030	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5181	22-3	2040	Sun	Russian intel.	MFSK-16	(AB)
XPB1	4581	22-3	2050	Sun	Russian intel.	MFSK-16	(AB)
XPB1	18253	23-3	1100	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17453	23-3	1110	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15953	23-3	1120	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14953	23-3	1130	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14353	23-3	1140	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13553	23-3	1150	Mon	Russian intel.	MFSK-16	(AB)
XPB1	9181	24-3	2000	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	7881	24-3	2010	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	6881	24-3	2020	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	5881	24-3	2030	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5181	24-3	2040	Tue	Russian intel.	MFSK-16	(AB)
XPB1	4581	24-3	2050	Tue	Russian intel.	MFSK-16	(AB)
XPB1	18253	28-3	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17453	28-3	1110	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15953	28-3	1120	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14953	28-3	1130	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14353	28-3	1140	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13553	28-3	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9181	29-3	2000	Sun	Russian intel.	MFSK-16	(AB)
XPB1	7881	29-3	2010	Sun	Russian intel.	MFSK-16	(AB)
XPB1	6881	29-3	2020	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5881	29-3	2030	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5181	29-3	2040	Sun	Russian intel.	MFSK-16	(AB)
XPB1	4581	29-3	2050	Sun	Russian intel.	MFSK-16	(AB)
XPB1	18253	30-3	1100	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17453	30-3	1110	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15953	30-3	1120	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14953	30-3	1130	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14353	30-3	1140	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13553	30-3	1150	Mon	Russian intel.	MFSK-16	(AB)

XPB1	9181	31-3	2000	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	7881	31-3	2010	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	6881	31-3	2020	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	5881	31-3	2030	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5181	31-3	2040	Tue	Russian intel.	MFSK-16	(AB)
XPB1	4581	31-3	2050	Tue	Russian intel.	MFSK-16	(AB)
XSL	6417	31-3	1829	Tue	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	8703.5	31-3	1829	Tue	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	8588	31-3	1829	Tue	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	6445	31-3	1829	Tue	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	6250	31-3	1829	Tue	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	4291	31-3	1829	Tue	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	4231.5	31-3	1829	Tue	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	4153	31-3	1829	Tue	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	8313	31-3	1829	Tue	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)

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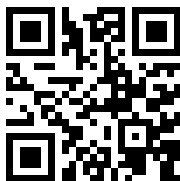
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