

27364	92836	89428	81268	74982	46498	32784	31277
40932	70987	32123	49817	26346	81287	65491	87364
75654	55656	12737	72727	72727	91918	63473	67867
87629	37677	32612	53498	71296	28756	18276	98716
76329	74698	76857	98670	27601	56701	57601	73648
87364	87265	96710	27630	12673	84769	28743	98127
63298	75698	27465	87326	49876	28376	81273	98615
87432	74328	78674	29867	32867	67867	86786	43286
68768	68763	34234	34238	68768	62342	48273	48768
98432	32432	86743	43286	43286	43286	43286	43286
86743	86743	39867	32867	86743	43286	43286	43243
86743	86743	86743	86743	86743	86743	86743	86743
98798	98754	98754	98754	98754	29867	67543	67986
87698	69876	87698	69876	87612	12341	34867	86798
43298	65656	56756	56123	32143	14321	32143	14321
58767	58767	58767	58765	76587	58765	76587	58756

Numbers & Oddities

a.k.a. The Spooks Newsletter

Edition #318, March 2024

Editor: Ary Boender email: udxf@udxf.nl
 Numbers & Oddities <http://www.numbersoddities.nl>

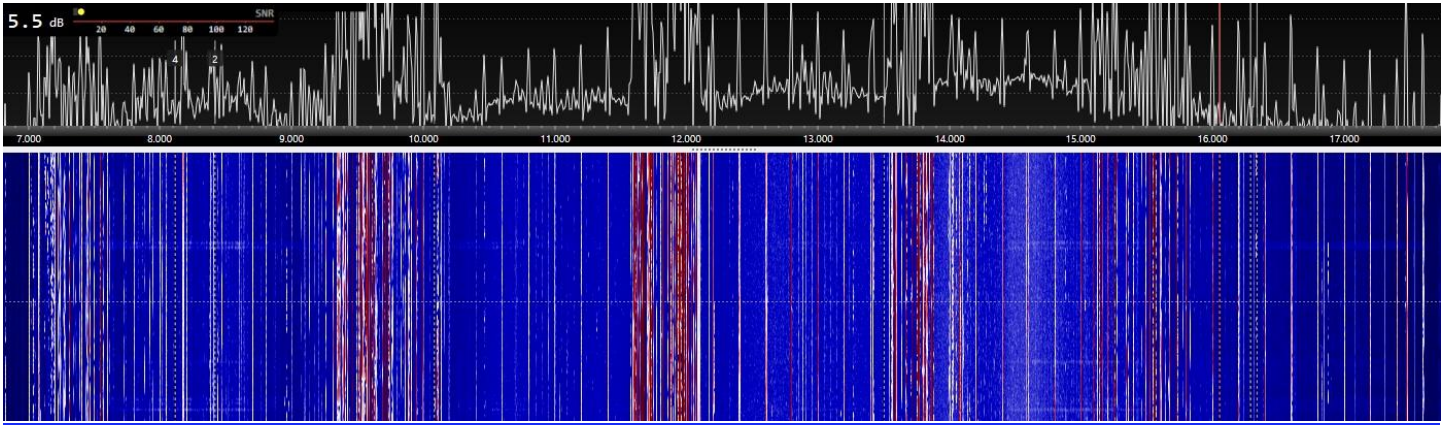
"Numbers & Oddities" a.k.a. the "Spooks Newsletter" is a newsletter for the members of the Utility DXers Forum (UDXF), the Spooks mailing list, HF Underground and everyone else who is interested in Numbers Stations.

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

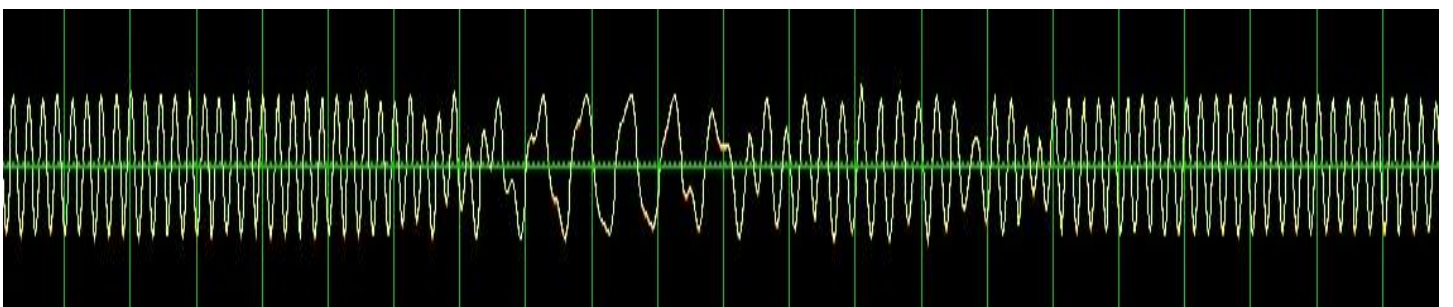


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FOREWORD

First of all would like to thank all contributors and the Priyom team for the continuous support. PY, thanks for the excellent Pacific report.

While I am writing this I am listening to Radio Caroline's 60th birthday party on 648 kHz, live from the mv Ross Revenge. I love this station ☺ Congratulations and thanks for all those years of great music !!!
<https://www.radiocaroline.co.uk> (pictures © Radio Caroline)

March's highlights

Russian operator 6 was on the air with sporadic transmissions on 19, 20 and 21 March, which is always a nice surprise. The following transmissions were reported. You can find the transcripts in the relevant chapters:

F06 link 00030
F06 link 00052
F06 link 20218
F06 link 30077
F06 link 30132
F06 link 90017
M14 id 942 replacement of F06 60168
E06 id 439
E06 id 759
S06 id 583
S06 id 387
S06g id 539

I finally found M42b again. You'll find the logs and transcripts in this edition of N&O.

Feline_Spy submitted a lot of V13 transcripts. Thanks for that !!!

Although it seemed as if they were gone, M23 activity was noticed again at the end of the month.

UM05 moved to a new frequency for a few days and then returned to its old frequency. The station also changed its format again.

HM01 is alive and kicking but there still isn't a reliable schedule. Just try all known frequencies if you are looking for the station.

- 0500-1000 UTC: 9065, 9155, 9240, 9330, 10345, 10860, 11462, 11545, 11635, 12180, 13435, 14375 kHz.
- 1600-1800 UTC: 11435, 11530, 11635 kHz
- 2100-2200 UTC: 10715, 11635, 16180, 17480 kHz.

Priyom releases Rivet Build 91

02 April 2024

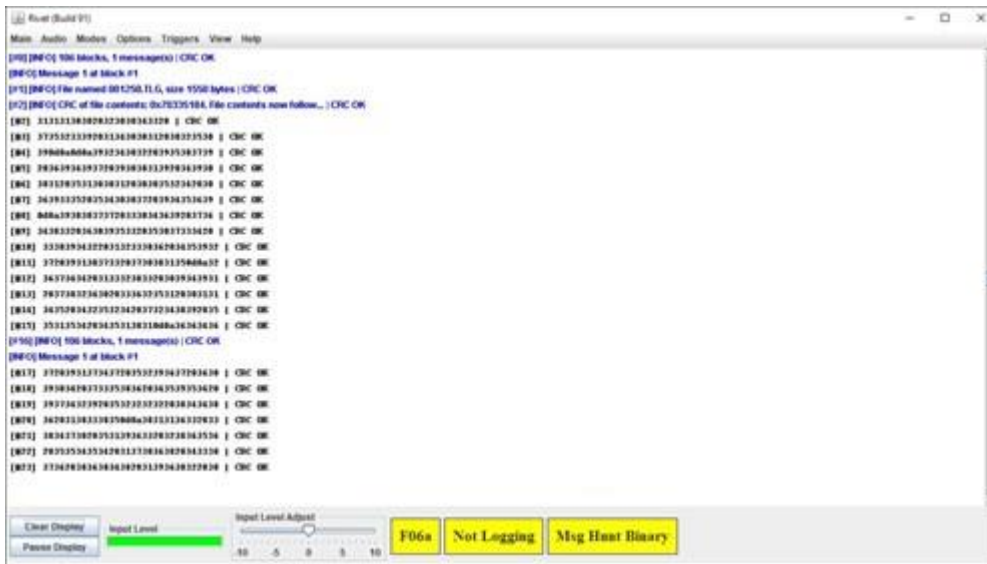
The Priyom team has been working on a new version of Ian Wraith's Rivet decoder for these past months. You probably have used this decoder in the past when decoding modes such as XPA, XPA2 or F06, among others. Today, we are proud to announce that Build 91 has been released!

So what does this new version contain? Keep reading to find out!

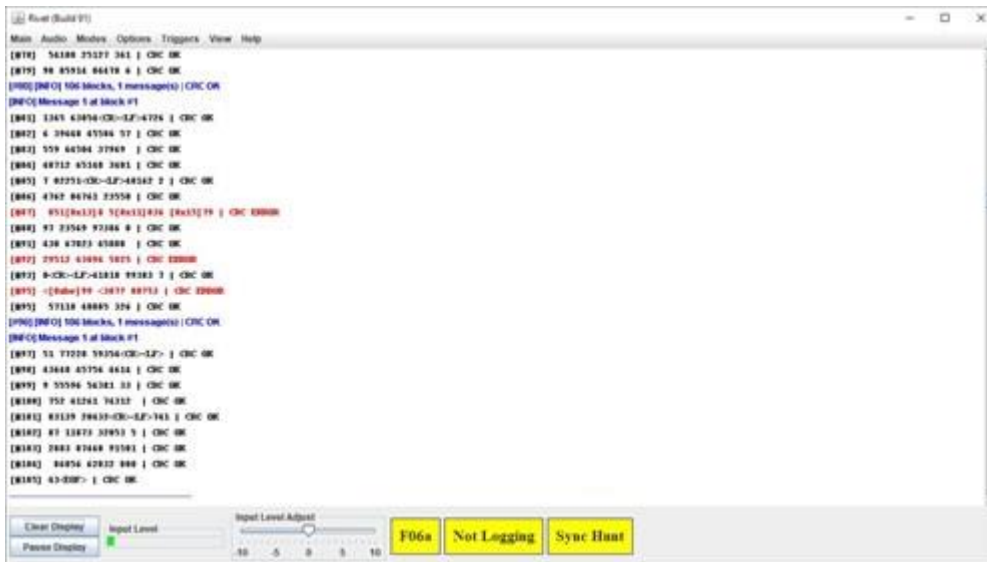
F06a decoding

The main change of this update comes with F06 (named FSK200/1000 in Rivet). Due to the increase in F06a usage over the past years, and now running on its own dedicated schedules, the F06a decoder has been split from the existing F06 decoder and is now a selectable mode in the GUI.



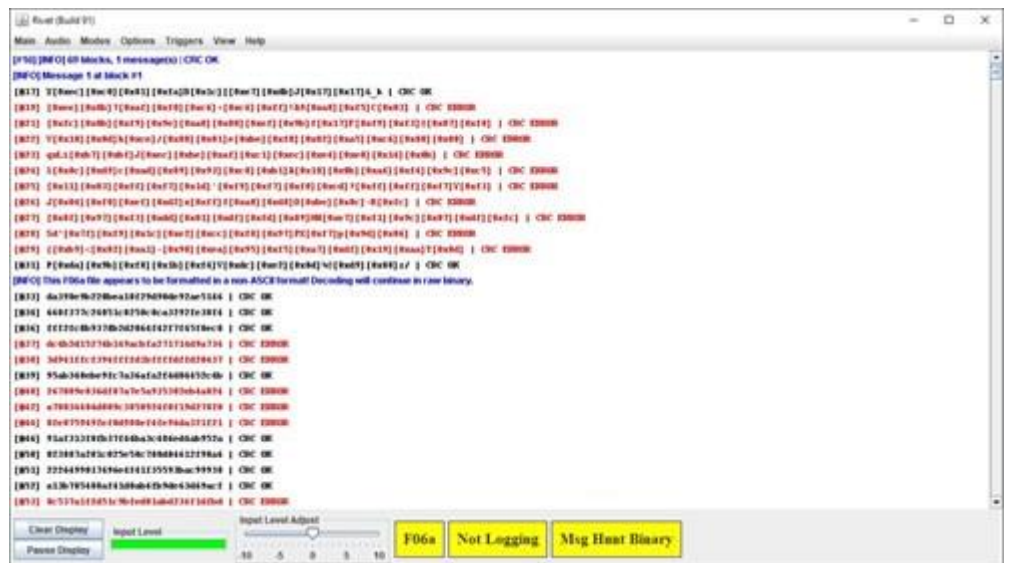


As you can see, by default, Rivet will decode the different blocks of a transmission as hexadecimal values instead of the usual digits when using F06a. Keep in mind that F06a carries files, which sometimes are ASCII-encoded and sometimes are just unidentified binary. Rivet b91 provides decoding for both file formats (using binary by default), which can be switched under Options > F06a ASCII parsing.



When using ASCII encoding, Rivet will also print non-printable characters (except CR, LF and EOF) in their hexadecimal values (characters that appear as [0x..]). Line feeds, carrier returns and end-of-file NUL bytes appear as <CR>, <LF> and <EOF> respectively. Apart from this, Rivet will also display the ASCII-encoded filename, big-endian file size and the CRC of the file contents automatically when it detects a header block.

You don't know if what you're decoding is F06 or F06a? No worries! Start decoding as FSK200/1000. Rivet will detect F06a automatically and jump into F06a decoding. And also, if you try to decode a raw binary F06a using ASCII, Rivet will automatically change to binary decoding.



An easy way of identifying the encoding of a file is by reading the filename: Filenames ending with .TLG or .TXT usually feature ASCII encoding, while filenames with no extension beginning with 444 or 044 use raw binary.

Other changes in build 91

- XPA/XPA2 now prints 10 groups per line instead of 15
- FSK200/500 and Baudot now use a monospace font
- Updated Gradle wrapper to 7.5
- Added and updated some links
- Minor fixes in FSK200/500

Download

To obtain the new version, you can download the already compiled jar from Priyom's [Github page](#), or get it from [here](#). Or you can also compile it from the source code published on Github.

VOICE STATIONS

E06

16230/19325 kHz, 07-03/08-03, 0600/0700 UTC

864 923 50
47562 19712 14018 16247 20460 29749 56695 15834 68062 09359
29034 80518 64146 41654 92760 24762 85191 04908 93612 24102
18139 55093 92777 66098 93872 87034 91402 66612 87358 28858
21600 18605 30384 49432 02399 65638 47829 83487 84077 17279
53412 04090 29307 48573 05851 97171 04551 50806 31358 17806
923 50 00000

16230/19325 kHz, 21-03/22-03, 0600/0700 UTC

864 731 52
34285 23974 85125 78546 30009 61706 86055 28056 19047 02505
05099 83591 23611 86213 60400 05511 68354 26207 44393 58779
67155 12068 80943 17496 39298 59241 17373 43686 97236 16593
05973 13865 73127 67823 54898 91779 76315 87661 52796 70791
98967 38783 97194 34317 12044 20384 81131 07771 18776 04364
17782 00462
731 52 00000

9463 kHz, 09-03, 1600 UTC

12093/10212 kHz, 10-03, 0730/0800 UTC

480 726 43
32106 54549 20521 64185 31435 36857 57515 91971 62078 36832
32109 43101 31492 67458 76764 92657 53925 69198 14868 37914
92482 16240 85696 91934 70861 93932 25347 56957 70851 20808
63496 37408 13925 79356 69646 80490 71764 37984 62782 02549
41728 71596 41243
726 43 00000

9463 kHz, 23-03, 1600 UTC

12093/10212 kHz, 24-03, 0730/0800 UTC

480 157 46
15951 26860 28742 09302 54748 81946 45730 83685 25196 07397
79613 04057 14943 85708 21405 71716 12630 84637 76287 37351
56135 74036 60497 89265 14150 20724 95025 03898 84958 80804
62565 12083 28491 05929 51572 78569 02456 51805 87362 54705
94264 29478 78593 75089 80638 75139
157 46 00000

14721/12188 kHz, 09-03, 0800/0830 UTC

7377/5380 kHz, 09-03, 1900/1930 UTC

262 179 43

90478 05493 30942 01133 47019 77088 85654 19579 69809 74618
44990 43745 73297 31421 56192 87564 90697 06322 52131 84103
05970 87260 88204 63852 14019 36038 84819 60845 20051 28862
48864 13804 14035 72379 72633 54482 81187 99886 33622 00416
34446 77404 43645
179 43 00000

14721/12188 kHz, 16-03, 0800/0830 UTC

7377/5380 kHz, 16-03, 1900/1930 UTC

262 971 42

50814 20450 15358 62546 81692 18148 52713 55281 83248 55876
93740 35524 25904 05934 75882 45244 68299 80541 30337 65901
20057 14407 38622 20006 43312 41131 58377 18865 85302 24410
23082 79959 58504 29943 45402 62390 12591 49019 78824 93818
61925 09689
971 42 00000

14721/12188 kHz, 23-03, 0800/0830 UTC

7377/5380 kHz, 23-03, 1900/1930 UTC

262 739 46

79764 02512 42192 04113 25395 85526 56474 96083 10596 51051
45654 69597 15356 56425 58417 53019 81190 82637 41777 66747
11721 30978 93071 26938 10073 03766 32369 51289 26524 36351
31220 46556 14848 72563 58699 82497 20781 00862 30663 81929
51063 93173 73175 81589 96477 13943
739 46 00000

12215/9069 kHz, 20-03, 1730/1830 UTC

439 157 26

76908 15021 61904 93193 82815 26572 03146 95806 97274 46921
32346 79368 07693 02126 92467 65494 28150 16987 79757 27104
54213 73020 69761 92835 35404 26322
157 26 00000

Note: Apparently a previously unknown sporadic schedule. The transmitter noise suggests that it might originate from Orenburg. (PY)

5879/4923 kHz, 20-03/21-03, 0130/0230 UTC

759 124 36

78580 76419 09491 60980 62125 76541 56402 14435 86562 94571
99907 06714 93146 58787 87684 73572 38543 47431 51491 65873
78209 65676 25276 18506 30580 23693 17646 18702 12580 85268
83837 56109 45445 67877 47632 23657
124 36 00000

Note: Another weird ID which can't decide if it's 0030/0130/0230z or 1505/1650z:

<https://priyom.org/number-stations/english/e06/759>

As far as I know, there were no more transmissions from sporadic schedules after this one. (PY)

16284/14854/13384 kHz, 1410/1430/1450 UTC

16284/14854/13384 kHz, 02-03, 1410/1430/1450 UTC**02-03, 1400 UTC: Restart at 1411z**

328 328 328 1 839 81 839 81
99915 85927 00607 49563 87237 74925 44223 28269 83410 19027
30406 35369 26318 73308 44597 55383 34184 25149 39185 21736
49564 02830 84876 68293 92598 62985 37051 14263 40200 97717
65441 82661 59656 89568 87509 81521 75555 15067 63332 26920
15289 99775 29223 30042 71668 28549 77717 64439 09965 11166
92322 72342 93288 87010 36356 88799 69144 05633 57876 31509
90292 04625 57991 13361 11827 74212 61918 36469 19447 75906
55022 62518 34292 05728 15881 01508 82094 41906 50769 69751
61547 000 000

16284/14854/13384 kHz, 14-03/16-03, 1410/1430/1450 UTC

328 328 328 1 7151 123 7151 123
96669 83583 24265 38505 05520 54754 77205 33774 62612 12615
50346 39646 20228 44208 14715 65002 65567 41595 60071 79196
95078 10196 42507 83144 25325 02317 84516 05731 81831 11081
70300 02417 14197 73916 27462 44000 04089 81878 88274 81303
55045 69824 69831 62182 20230 57748 46313 66210 93494 37201
67152 54139 99371 33209 04177 24726 75714 19293 79110 11931
82231 77842 92395 75230 28292 60360 71397 90131 23151 71827
62976 78480 19096 66342 74590 27275 35250 56904 86980 42476
65891 46733 14949 09400 54951 09130 19283 68054 29758 87789
45059 97019 93991 61710 21363 19951 21616 99920 84567 20572
64695 13582 70981 52268 67572 00938 23163 92009 13729 27647
62159 60950 91123 24765 43282 61708 09942 14933 35115 40512
41492 61686 97474 000 000

16284/14854/13384 kHz, 28-03/30-03, 1410/1430/1450 UTC

328 328 328 1 214 75 214 75
92242 03187 46373 64508 30443 12161 33588 61575 16521 48920
47083 08048 78773 28244 28755 24634 61723 50049 95567 30581
27972 19196 37807 53073 49405 57060 57488 54943 66375 12458
14876 97938 63245 56175 22115 44165 68988 09352 85154 28950
56199 32265 36683 60589 38646 08140 77485 22554 59759 20912
33369 98172 13145 17169 36471 13870 75911 65608 35481 35671
92657 32913 81171 03141 51976 95688 23594 83689 33990 02613
02066 94972 12757 96490 72497 000 000

14571/15851/17451 kHz, 1500/1520/1540 UTC

14571/15851/17451 kHz, 05-03/08-03, 1500/1520/1540 UTC

584 584 584 1 403 77 403 77
84725 84431 28749 88693 37348 01427 36356 15303 92607 52079
38480 81653 48410 84304 42440 41116 84895 99598 54679 37270
81066 96919 76268 73374 51782 03509 02382 44720 78601 98748
79246 08898 94963 26787 20793 46031 58974 40613 32839 02930
16133 53395 03769 78438 33902 40024 95186 84307 80579 91725
59188 03639 60287 58518 92516 62791 46965 73972 14533 00209
12426 10058 56696 78071 25069 59705 81090 87389 88912 73948
79976 78920 50616 01018 21428 05986 74102 000 000

14571/15851/17451 kHz, 19-03/22-03, 1500/1520/1540 UTC

19-03, 1520z: restart after group 98

584 584 584 1 306 139 306 139

40646 60638 46788 71029 20669 81857 73803 55645 57792 10681
50076 01160 10177 54433 52161 08320 23261 75708 12849 94084
07652 70890 92865 89025 96758 31882 00293 50827 68877 10419
55388 97137 84504 80113 81742 90713 97444 95577 94034 20994
88963 06280 35170 82437 52207 58294 47471 93469 48905 67821
71690 14392 53616 57504 15667 40868 31923 88786 85470 76799
79721 49977 50626 37125 36245 30962 01868 61407 67086 43792
87622 29318 44455 65700 70869 44741 93864 72954 38237 55184
46396 69556 12544 09425 13930 50738 64213 06896 97046 97644
81862 37149 82702 35223 51603 75242 55835 30755 17025 31817
60712 93455 46062 76903 82505 89752 93840 79011 40162 86435
24052 87786 62613 96054 60589 69343 73586 40193 03332 96229
42301 51055 51658 22880 33775 22060 82142 11533 38501 61368
43322 03820 58107 16634 66058 56921 71681 77460 83020 000 000

E11a

5371 kHz, 04-03, 0450 UTC

7864 kHz, 07-03, 1730 UTC

418/34 Attention

92627 02681 19800 66744 03047 19525 53082 00914 19985 79202
45291 35755 53468 95254 50704 26749 80525 71239 69629 98878
94172 92123 03668 26153 66006 86225 75041 42389 93921 09091
77705 75671 40627 23300

Attention (message repeated) Out

10213 kHz, 04-03, 0745 UTC

10330 kHz, 07-03, 1530 UTC

264/38 Attention

92109 53714 64683 39497 78603 51307 93106 36083 46624 86669
51503 14986 63817 95811 29363 51329 94678 01282 17609 85420
23641 53948 77672 57057 56760 50103 85578 84896 51858 68063
46622 42587 10226 36536 04429 90740 53367 49730

Attention (message repeated) Out

20170 kHz, 04-03/08-03, 0830 UTC

189/24 Attention

75677 05766 82227 19595 44796 29699 46446 59155 17931 08102
40707 93178 16764 99721 95814 59393 79463 18721 24421 45113
28662 30938 12835 96925

Attention (message repeated) Out

10200 kHz, 04-03/06-03, 1045 UTC

693/28 Attention

05715 06676 61070 26877 76660 74030 55250 75479 03584 09706
95858 31978 30940 75150 84543 69561 71093 34244 58145 10756
80444 28361 00288 78072 40139 65706 84029 83541

Attention (message repeated) Out

8423 kHz, 05-03/07-03, 0645 UTC

512/31 Attention

24937 53079 66123 51004 37616 79648 49403 11520 46042 18927
33627 18546 47257 39639 71187 58358 29252 49907 64097 34914
43008 53008 78927 75896 46855 15751 98666 95549 02081 75583
49859

Attention (message repeated) Out

9399 kHz, 05-03/06-03, 1205 UTC

460/35 Attention

87512 20045 88559 84865 57787 30872 02994 19833 57873 73434
30954 67705 09237 81903 76949 96918 47721 43678 48472 76394
33104 47400 90459 31847 00441 31591 26577 82915 67506 39118
98048 41093 71144 79815 38500
Attention (message repeated) Out

12530 kHz, 05-03/07-03, 1230 UTC

338/35 Attention

39239 01378 41233 38218 64568 99537 26671 25888 89561 28695
78312 14670 06607 17384 98190 50935 86029 74251 09608 52792
65382 52368 18026 44692 28541 53812 65031 54822 46374 23508
79430 57938 58788 87422 48665
Attention (message repeated) Out

4181 kHz, 06-03/09-03, 1610 UTC

396/33 Attention

71162 60714 96719 00040 23159 01487 14981 19867 73318 85539
61457 54411 18359 46935 00916 81057 55164 55542 99888 76241
09749 39467 13976 96125 96797 74417 55003 75986 81131 76670
45053 62231 94963
Attention (message repeated) Out

6807 kHz, 07-03/08-03, 0820 UTC

435/33 Attention

25131 87743 19899 44013 21139 33962 73250 57692 53698 71945
16672 70687 09443 06859 02705 75976 05223 48456 32988 07032
35363 84848 65339 30457 35411 39290 33651 26803 22819 33518
88818 02877 04063
Attention (message repeated) Out

9079 kHz, 09-03/10-03, 0700 UTC

498/40 Attention

94017 41362 50330 30150 38059 35694 49383 31184 27582 50947
66646 74996 61935 31593 06861 50954 31885 47029 33357 25590
03290 75185 16717 70098 99841 41675 46819 18648 93034 91616
15816 24827 02719 36140 41941 91288 99279 91570 06717 98915
Attention (message repeated) Out

12202 kHz, 11-03/13-03, 0845 UTC

718/36 Attention

71886 51274 71166 92424 14514 95812 99459 91731 76215 84409
06680 04033 26752 89162 51104 15696 85508 51303 55441 79174
68096 80297 34869 51967 13909 70860 74585 94663 28214 72574
42692 81245 36410 31026 89292 82834
Attention (message repeated) Out

5371 kHz, 11-03/15-03, 1300 UTC

316/39 Attention

99671 81617 29062 10441 30695 51513 10862 90162 81592 25792
10924 38679 66185 21523 16600 71641 65624 25121 03034 94303
99228 25009 08989 67195 35089 86930 76456 44666 63748 59278
29191 57630 26757 59190 07722 53802 83288 62143 86290
Attention (message repeated) Out

7317 kHz, 11-03/14-03, 1900 UTC

648/36 Attention

67663 36271 83643 21170 98618 43399 69212 77592 14571 98395
68260 33401 13166 65428 22201 17212 92714 73488 61582 10817
39453 95359 03205 69046 09062 22722 61676 64087 56471 29190
43482 12227 28780 83821 21376 97228
Attention (message repeated) Out

14865 kHz, 12-03/14-03, 0745 UTC

221/35 Attention

85937 03235 74650 91717 16590 63585 47749 35346 04380 24671
37874 44717 66917 78973 79234 52039 97872 62111 88629 09121
02403 31963 95895 57340 47737 47108 46122 66669 99622 61096
63930 56173 35527 41917 14033
Attention (message repeated) Out

19184 kHz, 12-03/13-03, 0820 UTC

135/30 Attention

69691 77793 68923 37046 83114 14322 25471 90333 15059 28758
06328 79086 18062 18082 25868 47046 37153 09510 67988 65779
03803 25434 93298 19476 21454 91779 31238 73571 03781 03513
Attention (message repeated) Out

18168 kHz, 12-03/14-03, 0845 UTC

155/35 Attention

91767 36694 86871 72949 65237 05181 27358 80754 91940 18633
23209 69152 21459 13157 40953 99433 27962 95243 70968 77255
93308 12119 79166 15767 67250 41162 26820 26787 35102 65280
98231 89734 24911 80347 95351
Attention (message repeated) Out

9951 kHz, 12-03/15-03, 1000 UTC

308/28 Attention

87266 83944 25308 40441 15113 00221 01204 37598 31295 65353
18432 88259 66960 14236 77299 18600 14845 77875 71032 74891
81124 96731 71217 05088 27629 50488 08161 99349
Attention (message repeated) Out

5737 kHz, 14-03/17-03, 2000 UTC

528/35 Attention

41156 15782 47685 30551 10303 80732 34482 65998 90445 87962
38101 96290 56452 78633 54578 29527 59125 58192 61345 17483
26759 34820 61344 71114 29635 02467 71055 70088 12833 64730
98530 66916 28933 51187 17653
Attention (message repeated) Out

11116 kHz, 15-03/17-03, 1815 UTC

920/31 Attention

11705 30166 43144 21281 95615 81110 46749 46486 42686 61194
16514 58953 33418 01325 97165 07818 28788 19183 58490 42867
18325 02199 40906 00029 82038 16601 07629 92399 05982 36645
13835
Attention (message repeated) Out

11581 kHz, 18-03/20-03, 0315 UTC

258/31 Attention

47013 57214 00407 48858 64840 32526 53734 65596 89084 05662
04502 52074 53108 31318 33578 10411 82011 05047 80019 96699
22453 34705 78088 07188 76114 47060 85810 72919 90310 87298
00433
Attention (message repeated) Out

19515 kHz, 18-03/20-03, 0600 UTC

944/29 Attention

88323 27504 23540 32538 46137 47809 74830 71623 52742 12424
31199 09937 98193 69035 06301 32720 14182 66758 42077 02689
94610 72092 00283 55258 76032 04320 56604 64426 48354
Attention (message repeated) Out

15632 kHz, 18-03/20-03, 0715 UTC

754/36 Attention

44584 33655 57659 91926 89524 24255 50312 68391 32100 12983
75747 88193 46431 07763 54336 55304 96154 89633 67014 84633
84686 16636 81015 10827 90107 06479 87451 09435 87487 68409
81567 93936 95472 33450 19424 54756

Attention (message repeated) Out

13117 kHz, 18-03/20-03, 0900 UTC

538/36 Attention

47668 78649 03903 96986 61037 59266 76425 06250 78354 11228
92407 46924 51535 94028 58745 25978 88078 75296 83806 99563
44972 21828 36645 16944 61805 04972 99824 91613 06379 16525
22284 25230 58639 52657 73516 16201

Attention (message repeated) Out

13470 kHz, 18-03/25-03, 1745 UTC

248/38 Attention

30831 73823 08607 14995 92069 59986 44584 26366 26658 77076
67273 07766 16181 01552 45376 71361 33581 86575 50501 84581
05697 32926 55038 45348 66738 75876 51109 79761 63877 36141
69157 93890 96825 90426 71673 91330 13359 55587

Attention (message repeated) Out

8180 kHz, 19-03/22-03, 0700 UTC

570/39 Attention

65057 50840 37031 43932 96563 03796 24920 68266 70719 50027
84103 46987 55992 72290 17112 88994 23561 27075 81947 46372
54157 96117 88203 70313 99340 93331 43153 43871 61395 09566
28079 15822 28708 28094 47931 37125 52800 13259 88054

Attention (message repeated) Out

14972 kHz, 19-03/23-04, 1430 UTC

910/38 Attention

13354 55955 84106 52939 78659 18431 16575 34347 40754 29863
12014 16598 79074 13157 38913 32441 43323 36870 12836 86152
01967 97014 82956 28783 64324 60171 72388 62046 56136 07130
04472 91147 71592 12114 78686 30143 43035 78375

Attention (message repeated) Out

5176 kHz, 19-03/25-03, 1605 UTC

232/35 Attention

77753 52932 14461 71153 91063 11180 17465 18629 87276 92418
68797 59103 35717 52742 10651 07131 07819 89952 57357 35469
01432 00052 00940 10082 67665 14637 32645 13693 11392 25552
25399 21552 86561 99365 79626

Attention (message repeated) Out

15720 kHz, 26-03/29-03, 0715 UTC

633/31 Attention

48495 34687 46988 12128 57035 04117 01073 57016 17081 55631
15252 45356 26893 25979 72854 42497 46862 68891 88694 86949
83353 43998 89304 51875 07208 43002 99387 15418 47456 28439
53095

Attention (message repeated) Out

17410 kHz, 27-03/29-03, 0745 UTC

347/34 Attention

73288 07259 73364 59482 43553 83631 80766 38583 72128 18391
18356 15463 41105 48697 99187 73025 55924 28801 82063 61550
60380 13370 21566 09104 93985 42216 06632 88787 78603 03406
50808 21104 11307 91263

Attention (message repeated) Out

6940 kHz, 27-03/28-03, 0930 UTC

278/31 Attention

46728 59173 63122 13007 10685 49931 72815 83171 44793 50728
75504 08893 32618 74151 68941 22124 05911 45366 24215 69032
67951 89353 65787 57820 80325 36943 13830 09168 70936 69020
16021

Attention (message repeated) Out

6923 kHz, 27-03/29-03, 1715 UTC

970/30 Attention

00325 13877 44223 51495 05339 79438 56561 68653 21631 10928
89465 18562 89106 55707 53739 11063 06022 71756 74798 66456
47371 48479 65119 29569 97570 80098 52498 72003 28547 20975

Attention (message repeated) Out

8680 kHz, 29-03/31-03, 0600 UTC

353/33 Attention

64278 27502 32421 01169 33752 11345 20280 16256 92974 41599
06804 24748 46425 80427 17764 77690 86949 31236 28655 60678
59790 37825 75994 36939 53837 89360 13162 41550 07845 74402
47936 80137 82940

Attention (message repeated) Out

8530 kHz, 29-03/31-03, 1910 UTC

618/39 Attention

32055 32373 30222 40416 92780 32706 69807 87489 16100 49290
14850 78920 38796 62207 05330 58432 72986 02322 41467 94702
95288 93504 31874 48705 04918 61261 54057 30381 93388 31542
43936 43273 25755 25925 73966 14636 29147 10494 23062

Attention (message repeated) Out

4505 kHz, 30-03/31-03, 1645 UTC

365/37 Attention

03567 03812 23270 39071 31187 76522 05800 42381 43548 06276
72297 54209 48870 42110 52747 76426 75134 48227 85736 10217
71020 29840 62926 90411 47181 12789 37899 99735 93139 92940
19540 63808 06558 56834 60224 82604 24264

Attention (message repeated) Out

S06

11616/9322 kHz, 01-03, 0405/0420 UTC

480 480 480 00000 (R4m)

11616/9322 UTC, 04-03/05-03, 0400/0420 UTC

480 726 51

19221 29368 55909 52725 07775 14951 20828 77088 02174 18494
39563 82173 66182 89175 84740 69775 77115 80245 30984 99881
44265 09909 03078 50238 00467 87927 52742 68973 09006 18890
18712 03741 53040 18071 49800 35790 99728 00832 95640 52421
56256 31490 94790 06259 59940 42602 14885 34776 69605 60589
24533

726 51 00000

11616/9322 UTC, 06-03/07-03, 0400/0420 UTC

480 539 26

82653 39029 63391 94549 06555 20150 43382 97978 98802 45470
33270 78205 25647 67116 73056 07083 80597 98897 38114 68092
89151 83710 94945 28879 40178 94236 23412

539 26 (27 groups were sent instead of the announced 26 groups)

480 176 32
16961 09138 67189 06675 92258 96057 94863 15003 06650 46496
13187 05944 01241 35192 16931 33704 23802 59674 62074 94844
15511 92695 21724 76660 96610 29294 15193 71287 80687 76926
52696 66469 72247
176 32 00000 (33 groups were sent instead of the announced 32 groups)

No transmissions on 8 March.

11616/9322 UTC, 11-03/12-03, 0400/0420 UTC

480 352 57
37694 52152 52177 72051 00548 65641 14067 45402 45310 71988
20876 66837 49503 78310 80729 14654 67953 50513 57019 50124
03588 61014 75773 98085 29103 90859 04993 87388 07962 28426
16902 05893 88131 31888 69048 49705 67022 47644 65183 71345
51050 01891 81866 56518 58267 07524 71732 84193 37497 53558
79352 49668 02412 69263 30636 55309 03984
352 57 00000

11616/9322 UTC, 13-03/14-03, 0400/0420 UTC

480 197 19
07097 12247 33206 80772 91065 22933 99744 73435 26413 20686
97787 31031 56266 04223 11321 00508 25492 23529 93568 39465
197 19 (20 groups were sent instead of the announced 19 groups)

480 263 39
09181 07303 03728 69948 21543 07095 23375 25417 54108 91252
76885 86958 83603 06956 92909 36561 88701 66191 99523 30310
03309 80953 43978 15856 97690 37602 08242 28896 54611 46319
00037 67096 32681 26601 24045 64886 34103 14722 62986 17575
263 39 00000 (40 groups were sent instead of the announced 39 groups)

11616/9322 UTC, 15-03, 0400/0420 UTC

480 480 480 00000

11616/9322 UTC, 18-03/19-03, 0400/0420 UTC

480 915 58
20620 45836 56524 01657 54159 17811 01354 68458 90807 61016
51068 54907 59613 23691 36878 42132 66587 12724 52380 68893
34420 60980 33949 52283 99718 82228 79108 98363 59945 74598
07591 26177 87257 58518 94751 53591 51423 60056 32036 18376
19014 75609 94187 32991 21045 78884 17877 96487 06267 56095
21447 11986 22289 80319 20461 83153 91718 60957
915 58 00000

11616/9322 UTC, 24-03/26-03, 0400/0420 UTC

480 716 52
97977 27447 17043 08437 68232 35171 03845 12916 90939 90004
83230 29609 41463 19231 18951 88851 04471 86109 01875 92924
05986 68864 38736 28495 19356 09320 89012 19784 74848 79585
92142 33397 27538 40261 52264 70749 63182 88567 72648 09025
46776 19869 57044 76609 43470 51004 20096 73936 66536 78877
74024 75674
716 52 00000

No transmission on 20 March.

11616/9322 UTC, 27-03/28-03, 0400/0420 UTC

480 325 29
21788 14278 46679 41845 25595 19514 67815 42132 99183 43838
49353 39550 85584 25809 76150 93704 34462 46939 96666 26370
27018 49929 82873 64762 11139 08167 46509 66567 45235
325 29

480 167 25
73396 71785 88803 61782 03731 11870 35081 41508 39266 50149
09872 34272 06418 48953 51061 35726 89572 35858 99728 42265
00665 95308 77002 29025 37905 06039
167 25 00000 (26 groups were sent instead of the announced 25 groups)

11616/9322 UTC, 29-03, 0400/0420 UTC

480 480 480 00000

9463 kHz, 02-03, 1600 UTC

12093/10212 kHz, 03-03, 0730/0800 UTC

480 637 45
54834 21584 54234 51594 91979 92101 63512 56498 61534 67148
58957 26364 89231 52524 05101 64965 42053 92370 14319 61057
04620 32626 41804 95917 02492 61589 15783 12145 20391 20672
27867 04978 07813 60458 81619 05657 80673 37418 31949 96178
87815 48597 53247 37507 32827
637 45 00000

9463 kHz, 16-03, 1600 UTC

12093/10212 kHz, 17-03, 0730/0800 UTC

480 632 41
92616 14914 64186 07934 09363 86153 96061 13750 89869 09373
98286 67538 06257 16567 74393 94525 16192 10721 90842 07897
96507 85693 09870 84809 28983 37085 90818 57392 75974 32532
87187 32585 81862 20894 18328 16847 24948 27989 70137 17260
16830
632 41 00000

9463 kHz, 30-03, 1600 UTC

12093/10212 kHz, 31-03, 0730/0800 UTC

480 761 44
25362 92681 31347 28402 24213 40546 56591 73568 91549 18634
23481 93945 24829 21518 42920 97640 23230 29616 48613 26272
35708 19524 37826 30635 52184 24048 03897 10685 61598 93262
98951 85032 20601 52081 75357 98420 14629 21348 53492 93413
89532 03852 83654 46575
761 44 0000

13547/12093 kHz, 06-03, 0930/1030 UTC

480 195 43
09850 39720 83058 96753 37597 98018 02672 35027 16512 18686
09385 17420 69321 40594 74823 72419 62891 03902 58183 30641
79790 61790 47130 60617 37340 70436 57126 54380 03584 05180
96090 51426 59125 34812 43413 70108 25830 23895 34854 32765
76353 23210 59435
195 43 00000

13547/12093 kHz, 27-03, 0930/1030 UTC

480 923 46
57410 18070 96290 79503 67535 90424 19585 47835 13017 07284
01490 17269 96904 09789 24275 51969 46563 24181 80750 57205
19837 25898 07194 04904 97017 01096 36417 08561 84136 86231
92428 38760 34504 73905 07952 60854 56870 16150 78940 70795
74182 09758 96186 72872 90839 89506
923 46 00000

12093/10212 kHz, 13-03, 0930/1030 UTC

480 915 48
 62712 83482 57079 75260 23154 92376 70810 67159 07836 20940
 35374 78703 09076 35082 80703 51697 27041 84840 70760 67623
 09353 72351 67539 29865 21691 85303 75272 47202 89683 03174
 35749 95128 07196 49890 04754 39502 09015 31452 80493 78434
 18946 96204 90496 43937 51946 73201 46860 70168
 915 48 00000

14913/10387 kHz, 19-03, 1500/1600 UTC

387 456 28
 26382 65464 62419 10368 87348 74067 52591 61352 15069 62603
 67468 12135 90317 48345 67639 36513 30763 89501 05673 67458
 39248 35902 13298 49612 89089 51434 05468 25445
 456 28 00000

15643/12176 kHz, 20-03, 1325/1425 UTC. No next-day repeat.

583 176 24
 65195 45370 51925 14281 65423 46742 23096 41546 64805 94304
 36561 90314 58097 62356 71323 94387 25201 03437 73979 80857
 05321 35762 98646 31528
 176 24 00000

S06c

20714 kHz, 20-03, 1022 UTC 11038 (R4m)
20714 kHz, 20-03, 1035 UTC 11038 (R4m)
17521 kHz, 20-03, 1045 UTC 11038 (R4m)

ID 038 would correspond to the Russian embassy in Kampala.

14482 kHz, 22-03, 0635 UTC 11097 (R4m)
12214 kHz, 22-03, 0645 UTC 11097 (R4m)

ID 097 would correspond to the Russian embassy in Abidjan.

S06g**19948/17156 kHz, 19-03/20-03, 1400/1500 UTC**

539 539 539 60199 764 21
 67156 04241 69230 90484 94096 25382 94940 98581 83284 76076
 09652 52361 25843 35153 47619 95787 83286 06032 15313 43887
 38993
 764 21 00000

Notes by PY:

First, this is the same sporadic schedule as F06 10064: <https://priyom.org/number-stations/digital/f06/10064>

Then, I am not aware of E06b/G06b/S06g/M14d transmissions other than those that used known test frequencies and ID such as 975 on 10755kHz, 352 on 11073kHz or 801 on 9463kHz. The only one I was aware of before this was E06b 695, which happened during a sporadic schedules episode: <https://priyom.org/number-stations/english/e06/695>

Now that wasn't a known sporadic schedule, so I was rather unsure at the time. But this S06g used a known sporadic schedule and ID. So it would confirm that these can take place outside of test transmissions – or sporadic schedules are just testing too. Note that sporadic schedules also occasionally feature S06b which is another kind of special message format.

The 2024-03-19 1500z 17516kHz transmission featured a presumed channel leak, where another S06's voice could be faintly heard in the background - probably from the 14913kHz S06 387 transmission taking place concurrently. Moreover, 20 seconds after the transmission ended, the carrier came back up for a bit with some H3E OFDM-60. This is not the first time that we observe clues of a link between the Russian 6 operator and those Russian OFDM-45/112 waveforms.

<https://priyom.org/media/338006/s06g-17516usb-20240319-1500z-leak-s06-ofdm60.flac>

9960 kHz, 27-03, 1320 UTC

910 11111 (R4m) 458 21
01283 58879 30984 98275 24376 07003 25426 92273 66291 92635
13467 29791 31385 43864 67057 03234 16344 23938 01533 59736
87363
458 21

910 (R1m) 367 20
20237 61764 02631 75868 25378 08522 22052 03016 20602 28451
72674 70679 30019 22737 38620 65472 91610 81074 42261 43728
367 20 00000

S11a

23004 kHz, 04-03, 0510 UTC

656/31 Vnimanije
71769 86116 87277 14028 21371 86885 49215 05046 11759 70409
64602 66750 32015 37534 41191 36982 50641 35977 16899 09086
45064 46144 61015 27114 51893 60654 64442 92962 49695 42083
45618

Vnimanije [message repeated] Konets

6480 kHz, 04-03/08-03, 0915 UTC

487/36 Vnimanije
15976 77543 86097 77812 40436 75717 58066 57202 59891 28887
93153 80878 40590 68480 03854 01770 64783 42119 17603 40941
98661 64817 88345 50817 95119 61383 51976 03503 67786 37453
87275 10008 56360 27258 69555 88496

Vnimanije (message repeated) Konets

8597 kHz, 18-03/21-03, 0700 UTC

472/36 Vnimanije
14741 83202 47018 16833 15780 74211 90231 74768 94207 25008
29654 94418 93667 25518 78658 39102 51159 78451 99373 50276
52010 27269 66034 66831 56982 26737 10934 90706 14119 68087
57370 50662 50460 82999 60428 02621

Vnimanije (message repeated) Konets

10728 kHz, 19-03/21-03, 0445 UTC

799/38 Vnimanije
77901 00024 48427 82808 24938 90727 29995 14148 22356 07721
01558 27061 08020 30709 05787 16753 72428 38432 53475 64361
58628 22414 63182 91304 97216 70838 42472 54972 94371 23302
19070 71227 94269 71933 38135 15819 33068 93790

Vnimanije (message repeated) Konets

11420 kHz, 19-03/22-03, 1400 UTC

427/34 Vnimanije
10407 88086 64942 07526 32300 00185 04119 53283 64193 57489
33057 55217 93085 98387 80088 10689 80363 83160 73721 47893
57909 22578 05223 05625 15848 47654 83617 67920 74281 83488
23679 76868 87992 25346

Vnimanije (message repeated) Konets

21854 kHz, 20-03/22-03, 0725 UTC

384/37 Vnimanije
09538 80100 38941 30663 03862 65593 88609 95819 30471 98590
58851 62276 21662 99637 16423 34733 99584 95330 34786 73312
12648 39705 16506 35120 01562 72986 54530 91004 01762 83543
38274 24628 14611 82196 10947 84808 29484

Vnimanije (message repeated) Konets

10213 kHz, 20-03/24-03, 1850 UTC

288/39 Vnmaniye

27132 23855 38777 22995 43146 09830 73944 07704 47886 90755
69571 88596 40382 73301 18322 09558 97359 31334 68893 81251
46582 53560 19399 24676 04241 62085 47720 07108 51155 47633
21742 90195 23253 56788 16143 81406 57847 65465 86452

Vnmaniye (message repeated) Konets

6433 kHz, 23-03/24-03, 0830 UTC

372/31 Vnmaniye

60259 21137 49032 84857 90937 20871 45345 21147 09542 51603
19138 36358 78214 94999 74452 75310 77664 37448 20910 16966
31004 39343 65316 44666 42379 55836 39289 18996 91721 26948
29231

Vnmaniye (message repeated) Konets

V07

19172/17472/16272 kHz, 03-03, 0200/0220/0240 UTC

112 112 112 1 929 112 929 112
34271 63915 23673 68645 89659 32862 11809 84461 78849 34279
56713 72618 60084 45398 57552 97204 09765 59592 40566 14825
43998 29821 99905 38147 92433 64615 05788 27566 81741 49521
31674 03972 10538 04978 80476 33753 23488 90165 78246 71734
79216 10758 79760 66754 72452 49841 43783 98378 39476 58029
67883 99442 38959 98424 44667 56674 61299 53384 37295 87825
52244 87563 64577 95164 18836 91926 48130 42401 25652 34763
23008 79572 47094 59387 56767 95387 82079 93026 04126 61622
24381 07311 95639 97921 83832 91377 99188 32401 96592 98086
38314 30079 30902 79192 48801 79490 49151 37304 61917 34063
60177 46446 31759 49126 21544 18457 24642 87953 35580 73335
69085 20183 000 000

19172/17472 kHz, 10-03, 0200/0220 UTC 112 112 112 000

19172/17472 kHz, 17-03, 0200/0220 UTC 112 112 112 000

19172 kHz, 24-03, 0200 UTC 112 112 112 000

17472 kHz, 24-03, 0220 UTC "0" once and test tones, but no proper transmission

19172/17472 kHz, 31-03, 0200/0220 UTC 112 112 112 000

Four null messages in a row. Is this the end of V07?

V07F

9345 kHz, 04-03, 0825 UTC

687 687 687 1 8792 50 8792 50
83603 54314 56724 31823 33488 43624 83742 66867 23083 11712
21334 47618 16064 17206 51240 83556 34502 70406 88765 53231
37735 07725 12135 50845 03227 62574 50132 46141 01234 66318
43761 04457 71868 10700 87425 70770 07388 11322 81563 71432
68208 57512 86547 87076 05470 62786 64343 04382 25203 24073
000 000

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

Thanks to Feline_Spy SWL for the transcripts.

Note that V13 will often send more than one message at the same time. Usually two different messages, on two different frequencies and from different stations.

18040 kHz, 03-03, 0100 UTC. New Star Broadcasting. Station 3

Agent IDs: 2641, 5347, 7140

Group Counts: 31, 31, 32

5555 2381 6734 1140 7198 7703 8531 5835 1052 9314
7500 0659 1869 6268 5245 0887 7749 7839 3476 3533
1769 6449 4526 5189 1077 9900 8165 3691 7077 8348
4458

1080 0918 8611 7688 6987 5250 4817 6603 4220 1973
5604 7435 0456 8091 4828 1211 7603 3490 4115 6456
6423 1984 1305 1332 9780 5843 7127 0931 0903 1756
6589

0547 9645 4083 9575 1894 2837 4211 6893 4579 6244
9243 0354 1756 4427 0492 9136 4926 7870 7927 6971
7995 7434 2999 9508 2083 9015 6606 3138 5577 4444
9559 5116

18040 kHz, 03-03, 0200 UTC. New Star Broadcasting. Station 2

Agent IDs: 0028, 0342, 8375

Group Counts: 33, 31, 34

8556 5982 9790 0327 2317 2803 3825 1790 6173 4379
0422 4464 4821 6148 7650 7976 5205 3538 9373 5213
2356 2222 5304 5167 3262 1180 5057 3253 3226 1980
6168 1208 7527

8065 2007 0320 5333 6950 7422 4741 4838 3124 0287
1508 4578 9761 0038 5955 6984 3150 4043 4983 1599
2918 6114 3602 8771 4131 8659 2109 6008 1892 7046
8573

9097 5819 7033 1548 7714 3108 7046 4093 6380 9090
7357 5522 7749 0653 1293 5017 9161 4885 3934 3501
0573 5308 4229 2758 0571 9081 6961 7391 5558 3352
5694 3323 1030 6462

20095 kHz, 11-03, 0000 UTC. New Star Broadcasting. Station 3

Agent IDs: 4290, 7969, 9706

Group Counts: 33, 30, 34

5715 8778 4587 8152 5285 4953 8923 3090 7174 8882
7623 1892 9564 2953 5714 9984 3143 7681 8331 2327
1674 9446 7510 7193 6477 3832 9579 5546 2867 5322
5316 2272 4125

6190 5742 5155 9280 9511 1609 6382 2478 2651 2809
3021 0509 4441 3199 0674 5775 5060 2228 5751 7234
2986 2644 9174 6934 5694 4136 6025 1005 0741 1691

1492 4645 8225 3853 9972 5896 8916 2001 5452 9612
3837 9100 4890 3479 4042 4867 7429 5669 1999 0847
6037 5054 3495 8799 5422 5462 0405 5359 1731 7665
7699 9827 2225 7851

20025 kHz, 12-03, 0100 UTC. New Star Broadcasting. Station 4

Agent IDs: 5050, 7284, 9371

Group Counts: 34, 34, 32

7506 3502 8551 2893 0921 9378 1188 0382 3908 9928
1076 7814 1190 5390 0731 3030 8569 7829 0141 5402
1649 9429 2735 2948 8275 4897 3295 0112 8103 3867

8029 0083 2182 6418

9467 6256 6178 3106 1871 1319 0228 4882 7540 0109
0540 6001 1703 4419 1527 3102 9103 3748 0601 7022
9082 9221 7913 0299 4959 1217 4865 4894 6657 6476
9691 4783 7512 3471

9825 4755 2191 9110 1335 5959 4715 8951 9250 3522
6657 0471 0570 4536 1710 8063 8640 4759 1769 8861
0335 7596 7856 9541 6034 0271 8473 8465 0887 9785
0752 7500

18040 kHz, 13-03, 0000 UTC. New Star Broadcasting. Station 1

Agent IDs: 4028, 7632, 9257

Group Counts: 31, 34, 32

3955 6542 4968 0637 7320 4355 4249 5575 6059 1343
8596 0107 1431 6919 4801 0462 5400 0990 0379 6549
4840 2403 2548 1185 3792 7393 3235 7840 8822 7407
8050

9669 9204 0000 0789 3415 1795 8343 7332 5433 1284
9593 8977 2200 1471 1309 2229 7766 2641 9411 7248
1151 9030 3364 7241 1160 3017 6645 2473 8908 9567
3577 3146 3130 2821

7115 1898 7947 7393 5906 2440 3467 1101 5363 8318
5883 5895 9941 7288 7071 3634 2547 2043 3855 1699
0942 6864 3963 8403 6543 6644 6015 5215 2793 0092
1447 9450

18040 kHz, 17-03, 0100 UTC. New Star Broadcasting. Station 3

Agent IDs: 0098, 8484, 9520

Group Counts: 32, 35, 34

8499 6141 6806 1297 5278 5973 7981 3453 4200 5740
7909 6824 3007 9501 7847 0144 7912 5816 0808 8530
2943 9147 9033 4258 4380 0560 7043 6822 0531 9766
9310 3858

4528 8153 4343 7006 0166 3832 1952 5865 1754 5281
9073 3686 1072 0918 5162 5097 5581 7546 3806 4056
0286 5899 5135 0800 0791 2829 4106 2254 0904 8562
4566 5399 0732 3610 6993

4283 9399 6716 9138 7397 1096 3550 1812 3207 2626
0948 9248 1942 6107 0438 4954 2998 1305 9082 4784
8668 2825 2881 1537 8231 1400 9260 4230 2996 8579
0932 1600 7730 8940

13974 kHz, 17-03, 0200 UTC. New Star Broadcasting. Station 2

Agent IDs: 4453, 8636, 9903

Group Counts: 32, 30, 30

6281 3478 9998 3601 0695 7251 9804 4145 2508 0636
0753 1617 9759 1149 6165 1896 6685 1242 4137 6197
0524 4281 4067 0569 6887 7176 6924 7975 4669 9705
7172 4504

1130 9419 4213 2926 1113 7509 8121 3807 6507 0053
3997 0895 2373 4114 8655 1890 7843 7367 8319 6011
7036 0193 4333 8069 1299 7693 5037 3046 2102 8896

6520 7015 9568 4518 5380 9075 2711 5626 6605 8753
0249 7595 3000 4207 2867 4928 1540 0140 7464 5895
8764 0190 5164 7708 2392 9016 2125 4944 7866 6183

18040 kHz, 19-03, 0000 UTC. New Star Broadcasting. Station 1

Agent IDs: 3357, 3756, 6315

Group Counts: 31, 35, 32

0587 3996 3672 7441 5406 3220 3765 9896 4225 8519
7065 3927 3456 6659 0813 9082 9100 1137 0552 7550
2027 9227 1116 5496 2737 3774 1971 9239 7979 7425
3024

5465 1853 2887 1197 0447 6497 9325 4131 5210 9229
4537 1871 1372 5158 2831 0323 5625 7433 6696 2098
0309 9446 6016 8651 8624 2891 5828 2550 7577 0948
4338 1018 3124 8380 2334

6311 3642 4395 0254 2946 6235 3055 6199 0904 5373
4146 7856 7734 5343 6531 2520 4025 4227 3275 4528
0429 7233 3644 7277 3862 3243 7983 5645 0286 9941
4441 0687

20025 kHz, 24-03, 0100 UTC. New Star Broadcasting Station 4

Agent IDs: 4929, 5634, 9356

Group Counts: 33, 34, 35

3804 6112 8010 5853 6020 7417 5616 9206 2650 3862
9242 8422 6260 3855 6045 7570 1424 1033 2395 7670
1464 0904 1840 2626 3870 9599 2461 8836 7102 6551
7685 4470 8363

2566 0523 0108 6259 9994 5640 8254 5714 3167 8366
1426 7910 5846 8037 4576 7521 9924 5259 0450 3613
7191 2148 3867 6457 0810 2383 6528 1268 0790 5460
1857 6851 3678 0788

7854 7613 8021 8743 2914 1205 3928 4300 6644 4376
7975 3177 2195 5605 7487 1049 0874 8543 3833 8171
8754 9192 6388 8219 7577 1677 1289 8917 1234 4137
7899 3210 0936 7358 7761

13974 kHz, 24-03, 0200 UTC. New Star Broadcasting Station 2

Agent IDs: 1965, 6458, 7006

Group Counts: 34, 33, 34

3395 7430 9113 6769 6110 5832 1478 9494 6585 1262
0579 6157 6218 5211 0049 6202 0049 9162 0338 4357
3448 2174 2155 2048 2919 9735 6652 9338 3437 7230
2960 3685 3180 3101

5966 5465 5827 7280 9448 4472 0714 6840 4964 8497
9409 5459 2955 9282 3321 8148 5566 2709 6195 4317
8981 3101 8575 6673 2420 1564 8276 4744 0276 8854
6256 8838 5092

7810 8627 9683 7049 9576 5660 1285 4265 6320 4603
9340 4533 8801 0702 7878 1217 7117 1685 4857 3037
0466 2916 6134 3063 3551 6095 8306 7564 1800 4005
7230 6329 3837 1361

18040 kHz, 26-03, 0000 UTC. New Star Broadcasting Station 1

Agent IDs: 1470, 1845, 7528

Group Counts: 33, 32, 31

6739 8818 2823 9650 4171 6950 5944 8086 6436 3688
6156 2760 8323 3965 2145 5381 6840 2780 3777 9289
7407 0692 3906 0680 8705 8332 8349 0318 0962 7303
2683 0218 8252

8767 0289 8274 7593 9776 9894 8225 5827 2337 7329
4111 1301 1023 0304 4572 6700 2727 7143 4132 0392
4092 2974 4356 1105 0182 4899 6771 3097 7109 8597
4956 9790

9162 2903 6267 4787 1788 6871 5909 8660 3971 1702
0315 8628 5090 8792 5484 4837 0927 7804 2942 4076
5243 3440 6425 2554 6457 8190 7226 2834 5255 9047
3456

18040 kHz, 26-03, 0100 UTC. New Star Broadcasting Station 3

Agent IDs: 0388, 5566, 8242

Group Counts: 35, 34, 30

7068 6705 7571 5405 8511 0740 5179 2791 2616 2638
5962 0420 0414 1393 7888 4412 9774 2947 9473 9635
8111 3108 9615 7177 3783 5323 3385 9142 9199 2047
4247 9585 6999 2909 8938

4673 9570 8731 3572 9553 4685 4670 0807 7445 6375
6598 7475 2962 5376 8726 3338 4770 8853 5376 4807
4606 3800 1921 0550 4077 2430 1171 9891 2262 6688
5661 9195 9543 7043

6221 0047 1304 4076 4362 0588 2144 5676 5797 8161
6078 1096 2867 8820 0839 8262 6080 4421 7848 8612
1937 1077 3584 1761 4211 6216 6123 6197 8791 4783

V28 - 앵무새 Aengmusae (Parrot)

5493 kHz, 20-03, 0905 UTC, AM

Parrot

5198 kHz, 20-03, 0908 UTC, AM

Parrot. Carrier repeatedly on/off

VC01 – a.k.a. Chinese Robot (Chinese Air Defense)

A short VC01 transcript heard on 9673 kHz, 25-02, 1033 UTC. Thanks for your help VSh.

204250 2605 4574578 1031 236072
20314182 0191 299 039 103855
204266 6247 4574456 1091 242 069 18 229 046 183110

6619 kHz, 09-03, 2100 UTC

MORSE STATIONS

M01

6510 kHz, 03-03, 0700 UTC

463 931 931 30 30 = =
82736 98735 01735 63745 82647 82735 92735 83764 01734 43562
54637 76854 26345 84512 32415 63423 51321 65890 85746 34503
34212 83640 96054 83768 64537 65734 23142 53435 85643 76321
= = 931 931 30 30 000

5475 kHz, 05-03, 1800 UTC. 31 groups were sent

463 221 221 30 30 = =
85947 65746 25461 77689 (3m38s silence) 77689 (again) 90874 65742 36285 84636 75869 90846
48905 66475 38275 90907 86741 41768 76857 89076 56734 72819
90512 86746 53647 88574 67584 77385 89078 76851 64738 85943
78956
= = 221 221 30 30 000

5475 kHz, 07-03, 1800 UTC. Messy transmission

463 903 903 30 30 = =
50385 74821 15395 82045 73446 84921 36310 58395 92841 49283
74930 74615 82053 84030 84725 73951 71849 8395785 01593 39275975
84926 73801 849358493 83920840 77498 34819 38572 74837 48391
= = 903 903 30 30 000

5020 kHz, 07-03, 2000 UTC

463 782 782 30 30 = =
38104 83928 84936 ... too many mistakes
782 782 30 30 000

6260 kHz, 09-03, 1500 UTC. Some groups were not repeated

197 834 834 30 30 = =
73899 20991 73643 17748 37719 33664 79007 16990 12132 43324
12346 67347 14136 35342 62272 68900 69800 14151 71663 17338
57263 74131 84131 00580 24000 16370 36627 16370 16370 15246
= = 834 834 30 30 000

6510 kHz, 10-03, 0700 UTC

463 749 749 30 30 = =
82209 73399 29084 77109 73399 82003 88200 88390 66116 16729
83008 72299 71100 82274 88997 44882 74891 77333 00991 84400
72994 77111 73904 77890 66188 39488 77220 38576 83900 17364
= = 749 749 30 30 000

5475 kHz, 12-03, 1800 UTC

463 301 301 30 30 = =
40918 11096 30987 16547 22901 40918 30917 35426 30917 10958
56748 44092 11098 40958 45637 88017 23109 40916 34254 47837
45637 20981 20918 33091 33981 47658 39857 10957 46578 30987
= = 301 301 30 30 000

5020 kHz, 12-03, 2000 UTC

463 473 473 30 30 = =
45671 10981 13241 33415 90871 20918 11090 22091 39018 20918
65748 68790 58760 10921 20918 40932 33651 26514 34152 24514
13241 90690 44093 30918 60918 40918 33091 10911 22091 44091
= = 437 437 30 30 000

5475 kHz, 14-03, 1800 UTC. Only 29 groups were sent

463 722 722 30 30 = =
10303 20304 30405 40506 50607 60708 70809 50607 20507 12312
23423 34534 45645 56756 67867 78978 89089 09809 98798 76576
43243 65465 12345 09812 54321 09876 56789 56723 78901
= = 722 722 30 30 000

5020 kHz, 14-03, 2000 UTC. Only 29 groups were sent

463 144 144 30 30 = =
12345 23415 34526 45637 56748 67859 78960 90809 57687 46576
54321 54326 76584 78906 56476 78901 54321 35465 12332 43545
32434 34545 68787 46756 80705 32764 60907 54768 56789
= = 144 144 30 30 000

6260 kHz, 16-03, 1500 UTC

463 283 283 30 30 = =
18356 18352 19352 12227 13785 18452 17098 14243 16721 10513
28367 23734 29659 21462 20138 25356 27909 24163 27117 26461
31284 32846 33461 34451 35381 36976 37879 38112 39414 30351
= = 283 283 30 30 000

6510 kHz, 17-03, 0700 UTC

197 349 349 30 30 = =
18356 18367 10378 12315 19945 11823 13191 12355 19323 17453
27487 25342 29567 21234 29376 23164 21475 22531 20195 22654
31647 32743 33067 34234 35412 36483 37987 38411 39515 30739
= = 349 349 30 30 000

5475 kHz, 19-03, 1800 UTC

463 298 298 30 30 = =
18367 27463 39184 47563 58374 69384 71423 84532 95673 10562
21321 22321 22652 23321 24321 25321 26321 22731 22857 22961
33834 24312 35674 39807 30456 31524 32379 39876 30171 31939
= = 298 298 30 30 000

5020 kHz, 19-03, 2000 UTC

463 673 673 30 30 = =
11637 12314 13947 14536 15641 16789 17634 18909 19463 10245
21378 22341 23957 24077 25345 26843 27352 28616 29707 20818
31847 32654 33275 34857 35245 38167 38412 39012 36743 37233
= = 673 673 30 30 000

5475 kHz, 21-03, 1800 UTC

463 312 312 30 30 = =
46312 64758 73641 54634 52364 53218 98T98 57878 43512 45865
38574 63513 75898 74621 67582 73641 65748 73214 56748 89641
58674 63758 93245 61749 83674 51641 65748 23751 45673 78413
= = 312 312 30 30 000

5020 kHz, 21-03, 2000 UTC

463 219 219 30 30 = =
94564 64521 64758 74655 64733 23434 56789 87657 67641 14567
46574 35342 51647 63527 85964 63748 72615 64751 65747 94120
74865 63713 75849 05746 72234 23412 65732 23856 74854 73645
= = 219 219 30 30 000

6260 kHz, 23-03, 1500 UTC

463 893 893 30 30 = =
30524 83953 72853 83058 71392 81549 02714 83920 74831 71463
94025 83910 84725 83946 39205 84535 93041 73825 92057 91317
38201 74821 73956 73820 84375 63719 03614 84059 28451 73872
= = 893 893 30 30 000

6510 kHz, 24-03, 0700 UTC

463 721 721 30 30 = =
57385 73920 84713 72847 72012 61473 02740 83951 74825 93015
47381 63648 93825 73920 84713 14560 72843 84038 72746 88201
48392 84720 84721 73950 83928 84537 04375 73284 83040 73814
= = 721 721 30 30 000

5475 kHz, 26-03, 1800 UTC

463 159 159 30 30 = =
84726 15237 48375 94730 84627 64556 76859 09364 76583 43521
09264 76548 23142 43253 96758 76778 95643 87321 09876 12345
11234 54729 75847 35124 85730 93718 46583 74527 09123 74674
= = 159 159 30 30 000

5020 kHz, 26-03, 2000 UTC. Sent only 29 groups

463 359 359 30 30 = =
27365 12423 74639 75648 35426 43521 96018 09485 98374 62312
74536 52439 09876 54321 65473 84756 73526 54632 12534 83549
01739 73628 64735 74674 63423 43215 63746 87351 73525
= = 359 359 30 30 000

5475 kHz, 28-03, 1800 UTC

463 103 103 30 30 = =
65748 48937 20917 20918 37645 10983 12314 14325 46537 18716
33098 13241 24351 26514 37615 29817 34251 56748 30918 65748
76850 30981 29817 14251 13241 44765 44762 55094 30957 34516
= = 103 103 30 30 000

5020 kHz, 28-03, 2000 UTC

463 503 503 30 30 = =
65098 10981 22091 31091 40937 33091 35453 47653 57648 40948
55463 20981 20918 30981 28716 20918 29817 76895 40948 29871
65749 30918 13241 24351 70980 60987 50970 33095 86757 40931
= = 503 503 30 30 000

6260 kHz, 30-03, 1500 UTC

463 668 668 30 30 = =
10203 20304 30405 40506 50607 60708 70809 12345 09876 43215
12312 23423 34534 45645 56756 67867 78978 89089 54321 67890
75847 36475 90205 63847 14253 65746 58675 90798 09058 46275
= = 668 668 30 30 000

6510 kHz, 31-03, 0700 UTC

463 141 141 30 30 = =
24637 25346 78695 74856 12345 09876 65473 82948 09870 56749
54321 67890 65434 65745 87697 89076 12312 67867 45635 76576
09832 10203 49686 20103 80909 08576 02425 82515 74750 74850
= = 141 141 30 30 000

M12

10238/9138/7838 kHz, 2000/2020/2040 UTC

10238/9138/7838 kHz, 01-03, 2000/2020/2040 UTC

218 218 218 1 322 172 322 172
51686 95947 10744 02544 07997 42962 28561 47175 96219 47175
02977 93714 81154 95076 77625 35959 94424 01796 92112 71179
96589 44200 33025 13744 46901 04245 65178 44633 91040 71222
91269 07420 40595 19611 54061 96072 35593 54495 51958 92392
52414 45628 99649 30101 48311 32424 61522 35020 69637 80144
03312 82503 74568 92501 71281 96425 55367 79090 21279 53504
48978 05650 57535 82210 35236 41264 59044 01939 17412 89574

86284 40475 70180 79476 13020 62865 94392 82011 68644 51789
20390 39396 90188 28816 30850 22215 21816 12736 21435 52455
72344 09151 10363 85411 10283 72774 83086 32025 77403 39589
09529 79965 42513 06986 56629 44991 43029 65126 75537 38775
95969 99121 53177 46596 26705 65600 49813 99362 76552 74740
13363 66667 65201 80671 38766 58371 31873 57414 89072 78150
55515 86057 95075 82230 94180 94280 18551 56834 51026 68171
93457 05456 47261 76222 44761 21364 66304 32122 67045 36059
19213 32941 16049 54864 99831 49698 09127 30125 01768 67225
82760 02470 58065 88649 44650 66637 88928 07533 17484 80098
09223 97564 000 000

10238/9138/7838 kHz, 13-03/16-03, 2000/2020/2040 UTC

218 218 218 1 336 117 336 117
85152 53547 80586 31605 06936 81207 19540 81591 66436 05444
35302 67455 33341 84088 31322 51056 12916 06555 13654 60787
79345 17618 18080 36749 54733 83121 48107 89185 90489 60415
15966 05934 81383 87146 36779 91414 84849 19146 19729 37710
08867 78674 46179 59470 84260 75414 43780 97760 27614 90144
86442 63965 45308 39673 94164 82127 53749 36094 34801 51169
62260 89348 75595 68044 58414 12394 91233 94057 66106 79558
46544 10832 87671 20417 96246 71808 93810 91036 73339 42428
48253 30057 34059 37147 54501 31392 05645 26769 44160 54782
18201 17589 65085 12165 29347 29314 99206 73539 23251 95560
10060 85220 56078 60462 09868 30533 03634 08367 74271 96348
13954 81368 13724 65353 09333 08591 83413 000 000

8126/7526/6826 kHz, 2200/2220/2240 UTC

8126/7526/6826 kHz, 01-03/02-03/08-03/09-03, 2200/2224/2251 UTC

178 178 178 1 260 290 260 290
81371 58199 65626 57796 40183 70569 24018 78487 24434 33713
78741 17646 98565 07945 43101 65451 81092 58999 27893 21055
54570 45563 52355 71332 18825 97161 34182 28698 32388 74589
58747 41383 35315 43501 62317 93750 78728 36952 36881 75896
00355 61059 66871 92101 26406 64012 88693 60972 60759 04625
78494 40382 71369 05268 06047 44656 84638 17652 68920 24558
00966 35799 65494 29856 12031 71125 25691 57693 15230 13537
85274 52419 16308 56678 33860 50681 49713 76940 98950 55741
16297 95149 74779 90109 59628 19817 48953 27520 90970 56055
26928 43479 27139 59899 55748 17769 40492 13843 61221 04609
78502 37552 33330 50647 14761 23965 26762 60988 12153 26167
95088 46200 80514 84512 29651 61591 07008 11018 42291 71766
69526 16255 46356 28243 19801 87065 07990 84563 68891 37874
05062 51350 34432 04391 97295 36799 11598 15415 97886 20642
93146 38137 66212 36537 25203 37912 24425 78106 52141 95691
61582 67829 71526 95888 95134 08762 37317 42158 38135 12721
64882 14060 29363 95542 26731 32584 06062 11879 00864 98341
32611 45569 05608 46030 67324 00138 43209 26841 77375 71700
99657 88389 45763 19114 43681 56120 79532 29094 28452 88874
34820 96726 77120 50270 16660 19474 27587 62553 12020 19894
23567 74520 56132 32851 13058 49555 14487 97248 99232 85250
53246 48082 61385 76204 85136 57117 58306 20891 47541 42089
09987 76723 16726 60893 50412 54465 95569 19628 82750 47263
87462 97799 84471 91152 80861 72455 89629 27225 21080 96989
78921 08847 79611 39180 97665 13287 39548 45672 18243 61977
54380 81299 95971 04993 50747 65495 56632 34288 38344 22168
04557 57047 08360 66944 40626 96822 01066 56079 18681 08372
16168 31643 31151 18291 15226 91369 61491 50438 82864 40888
67551 82473 98875 37496 01743 68349 23005 12517 44744 85614
000 000

8126/7526/6826 kHz, 15-03/16-03/22-03/23-03, 2200/2224/2251 UTC

178 178 178 1 363 141 363 141
30284 59473 45590 40549 82128 10830 40825 74015 44623 66647
73006 85185 03019 86666 81331 33748 34734 22147 04420 17384
35990 48087 90593 82689 76139 22181 19432 05597 17625 69922
55034 73477 98939 68067 32339 47591 84627 23430 25572 48914
94872 97904 03310 23074 85976 31580 61247 95799 22523 76517
98305 11563 24421 17327 45432 75653 97826 64816 70401 85057
50937 82932 60552 83955 75241 69495 94424 66418 22654 88940
36639 23504 22627 69354 35809 45254 79451 93433 85438 71105
82089 35052 96693 39700 73182 13220 00863 51767 90353 22999
87022 06334 97530 85247 82479 65989 16777 60093 67210 22025
68805 33186 45046 65627 25854 25648 70769 91361 91509 69213
53742 98261 65581 54586 65595 72187 93436 19592 72790 45032
45853 29625 44201 84449 52362 40575 07702 79254 53558 26987
77808 55507 49959 57459 44508 87317 36252 89870 33889 38296
87823 000 000

8126/7526/6826 kHz, 29-03/30-03, 2200/2224/2251 UTC

178 178 178 1 138 109 138 109
20294 00978 84961 69486 72671 08241 03586 26663 01467 70193
87128 66799 78655 10966 78888 22115 94157 12827 45224 69861
18531 16932 79935 03498 15571 35002 50993 39649 64679 72424
97047 78137 54266 96996 56627 57164 24630 68897 14993 78214
37610 26380 61041 03701 29082 54952 35095 79934 98187 58768
41299 96739 40540 63009 36698 57382 09506 08879 77680 62351
42086 39222 68348 34192 02895 18389 80507 40743 04575 73097
69057 18861 74049 21216 47834 20640 32118 01464 88052 19025
96578 72656 41771 25668 46330 79340 26330 57278 23443 29202
44794 00514 67133 19369 05693 18262 30448 15607 95190 04991
10330 20264 71423 33978 15261 31217 87290 24648 16573 000 000

11435/10598/9327 kHz, 1800/1820/1840 UTC

11435/10598/9327 kHz, 02-03, 1800/1820/1840 UTC

938 938 938 1 6697 76 6697 76
69035 41240 80715 64131 17754 63537 18175 55587 71853 25481
34352 95859 32985 77716 10572 12100 80617 78860 43211 25878
72487 93506 37920 94791 75238 62327 68080 96849 43592 76458
19187 10424 25201 24321 72113 08926 03421 27874 80697 32778
97377 41749 15536 56547 34429 90086 16779 94521 84973 06830
69322 57523 68636 89342 90821 75528 03320 85923 88891 55426
95455 21324 11995 95394 06293 23927 70657 08663 05602 01645
08679 52743 98161 10433 28499 30737 000 000

11435/10598/9327 kHz, 09-03, 1800/1820/1840 UTC

938 938 938 1 5537 76 5537 76
00108 68471 44721 35186 25406 59623 65985 38588 24105 39026
61769 69848 69273 83824 18999 77882 28839 04722 56892 04007
94637 66961 52073 60323 77808 07279 70203 69893 31886 27155
60372 21468 39591 91399 87423 34890 01651 06082 77953 93703
57851 20897 39516 97770 07437 62826 06046 20436 94922 53368
80234 23178 77215 26889 72138 33145 16397 84396 57386 18126
89418 96091 06702 96948 78653 40300 30257 77873 96400 84107
76230 22757 26767 63188 46155 73740 000 000

11435/10598/9327 kHz, 16-03, 1800/1820/1840 UTC

938 938 938 1 9067 75 9067 75
07877 22660 80273 20499 36351 54680 95295 06217 08060 99449
10483 43252 75850 38323 58319 45742 50289 91351 63690 49557
16213 36299 85836 63961 14716 22414 40161 98156 29462 05223
00845 69141 11044 74127 82408 20085 69284 31714 07634 18014
64054 86852 68294 19201 66077 06057 49838 28635 72287 14783

16908 04284 25378 69802 22944 34105 58125 89848 86793 19490
26760 86565 52238 34110 60413 65013 30193 91527 14293 63409
67293 12523 36431 50208 18949 000 000

11435/10598/9327 kHz, 23-03, 1800/1820/1840 UTC

938 938 938 1 5725 75 5725 75
52386 69259 34988 10090 83066 03776 58714 84522 45118 72214
80488 62518 65448 07417 48315 13240 58535 76368 96146 65861
65223 20742 02658 51767 22108 82877 98443 46615 77632 84370
36236 08559 93788 50729 10722 49316 06636 04351 97388 28197
78802 83601 88920 57782 83510 31336 93309 40529 90902 67415
66894 27985 44076 39834 87258 31643 66601 83220 87980 00189
05331 12099 06890 60747 35978 71928 68729 14718 96693 98997
06604 54183 78978 67949 77058 000 000

11435/10598/9327 kHz, 30-03, 1800/1820/1840 UTC

938 938 938 1 5625 75 5625 75
87687 55535 91656 50573 82607 57413 68621 85839 99269 65968
95320 96974 56951 32101 41241 52816 75954 26187 98551 81590
34151 75245 48980 44050 70902 82315 63543 55790 31462 21975
93851 33384 80799 80748 01666 80295 99469 98521 21659 80203
39482 89284 37906 76928 72509 42303 01115 07365 15754 45880
79758 02010 75071 73268 17231 12442 06555 47605 79669 00292
93868 12830 54377 77294 72115 61935 16175 76202 30434 60944
53346 77432 04427 18348 42108 000 000

12162/11566/10711 kHz,, 1800/1820/1840 UTC

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

546 546 546 1 3432 52 3432 52
82695 97812 37706 41101 08324 17876 96323 93533 98876 28020
24630 24151 28789 00379 29450 97107 92390 74816 18573 23544
26891 28565 99427 70268 79935 90320 14916 30687 03129 10383
05492 50094 79910 06867 68113 50737 19205 20765 43458 16599
80321 16753 99551 83271 20721 55704 34088 13366 34213 91371
99838 43446 000 000

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

546 546 546 1 5020 50 5020 50
68569 63797 90377 71963 01108 40305 79446 99933 08220 72143
04458 17576 91925 71575 42705 76969 14728 11964 84857 67392
90017 09351 78519 50584 24268 19803 08966 10788 59217 69826
01231 97000 09896 49681 11873 83087 90343 97681 44812 58099
90200 69087 52970 09295 69447 24262 52202 01563 93534 39591
000 000

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

546 546 546 1 4301 53 4301 53
31060 46345 87445 12895 00229 26611 49199 07983 68489 37067
22305 94571 98322 01415 83116 02782 00132 26551 35699 55020
50842 72270 23110 18647 40374 45720 95121 27885 40845 59258
29015 63105 76399 62281 59770 02468 44667 67974 65623 47478
72380 25079 81293 30709 25033 42454 96928 02410 11810 80386
01077 40268 06603 000 000

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

546 546 546 1 8399 59 8399 59
81541 22626 48641 25428 35638 52797 28804 12477 90452 53263
04234 48948 79876 97906 86864 32952 97528 08553 26332 97401
91615 72525 28969 08686 65841 92064 00526 93592 95378 15237
85294 65426 40611 51948 34044 71268 73734 40306 30358 39387
09526 38157 47308 71977 55698 64602 58587 01779 71594 02342
91395 16151 57824 36087 06957 09015 93656 39955 59586 000 000

Test transmissions

9345 kHz, 04-03, 0930 UTC

687 687 687 1 5580 50 5580 50
55742 46253 47874 95576 28068 92896 91204 78810 61658 40476
41616 29077 71809 25481 56300 02134 75632 89253 71080 27757
74475 22585 51796 64984 08922 68006 46635 56655 31037 16492
74222 06774 38606 41876 82307 59877 06131 90512 97167 83891
09447 59385 10524 68560 65253 08955 13231 60440 83649 90387
000 000

9157/7957/6857 kHz, 2300/2320/2340 kHz

9157/7957/6857 kHz, 11-03/14-03, 2300/2320/2340 kHz

917 917 917 1 533 100 533 100
44871 10432 85813 89805 03909 75083 73032 12150 32812 27236
02123 14800 15430 73724 44181 30045 97124 35294 52969 12014
09182 12630 48403 13381 45293 22823 65826 04052 48921 46170
50214 00836 55015 18485 92877 23438 08721 99302 42891 02389
05274 72881 61736 91549 43635 22967 97404 19794 29896 93402
57039 13195 64041 02131 98079 26368 40072 95560 70538 76375
96091 57591 97005 89482 87827 87889 95423 83662 03657 84072
24467 65173 14301 68533 04018 17715 17018 85919 46711 85201
69658 90082 04028 63137 63154 68944 86044 00937 15485 29587
84361 73774 28370 15801 84498 55416 77043 19897 09191 65797
000 000

9157/7957/6857 kHz, 25-03/28-03, 2300/2320/2340 kHz

917 917 917 1 511 201 511 201
13673 32593 60063 30934 06117 85832 46946 36387 35620 11799
07811 55567 38388 45503 83891 18179 59623 26932 07912 97248
09715 93097 64851 92389 21856 60469 18963 57545 40849 42390
13794 15949 05263 74155 13593 51274 94449 08085 87208 29110
45390 70919 01241 56231 44910 99215 22653 21666 74364 37655
97858 22114 92627 24713 30259 38575 15850 09742 00589 37207
25710 78359 10562 62565 92840 78568 60872 43574 31598 87073
90462 96857 29656 27394 98645 85716 63940 18887 02152 27672
03611 28467 58923 54114 65749 62277 96288 82403 61731 57346
67809 61040 19829 61259 42947 49182 57197 20945 96170 82939
90898 29583 15031 02654 24414 84767 41767 65125 36153 57950
42025 81904 50239 30883 68853 73116 37245 17381 66864 73771
65239 59032 15165 36796 34454 50076 15171 95878 99284 06864
00426 04728 50689 88444 06114 90858 39142 90406 83215 57358
45100 19097 14509 54347 60304 94597 26806 94428 16618 01713
38722 90030 79448 38633 70651 74813 15804 71295 82598 84851
49596 50210 13708 25797 32035 33150 29724 92133 82514 52320
74970 41981 84769 51445 58815 78328 05483 91948 50631 12831
63932 19617 99109 97030 91889 48722 29372 13897 39546 35417
55035 70002 81618 51233 96678 54464 70522 19861 39189 98084
58360 000 000

20849/19449/18249 kHz, 1400/1420/1440 UTC

20849/19449/18249 kHz, 18-03/21-03, 1400/1420/1440 UTC

842 842 842 1 9928 86 9928 86
66066 63133 60582 33181 04742 78018 86357 47412 97694 52025
34429 46576 32696 72220 08710 08654 74068 72876 74024 04672
87912 54714 77142 50308 20439 00072 58816 74165 66286 36959
32141 34831 53072 43443 75439 48626 36612 51958 29337 55648
80862 12908 33040 37057 10671 37088 18276 25463 63272 56156
74591 85055 49304 03569 67423 36893 19854 03158 47626 82129
48128 46614 26156 55677 91187 56162 19995 59101 05090 68039
24579 44587 85103 05938 55811 03404 11425 08303 62814 42761
00734 14734 75673 78156 00117 02221 000 000

9317/10484/11552 kHz, 12-03, 0800/0820/0840 UTC

135 135 135 1 9660 72 9660 72
94897 59223 37303 80690 47532 21207 75058 65263 42328 57842
04181 19077 92367 64718 36310 16551 99021 19933 18872 15962
31351 88588 11576 93345 69253 52120 53757 63015 50430 13491
30882 91330 21847 47097 67069 49192 63749 61452 25838 21151
76064 23801 18756 18473 56060 00099 27521 62530 00191 02357
31564 41464 67248 33597 81247 06309 07646 43957 11437 95411
67448 12042 14833 28837 26959 12850 97229 45269 97647 87117
52800 37569 000 000

9317/10484/11552 kHz, 14-03, 0800/0820/0840 UTC

135 135 135 1 1425 74 1425 74
08458 26343 76248 66216 21184 30368 30432 11363 06227 96547
04973 97027 16663 70420 88946 02497 75351 29506 69194 05457
93296 41288 16666 64849 02069 32579 06021 26632 09356 08392
65938 33366 94227 48671 47370 77226 06213 02760 26418 42197
87958 43504 19395 57641 16136 82740 51130 50440 13704 34709
32301 65177 84092 93923 27796 67168 09677 11399 64147 88603
24346 03800 02006 97834 30609 71606 02800 67990 23050 11719
96282 72591 03088 26996 000 000

9317/10484/11552 kHz, 19-03, 0800/0820/0840 UTC

135 135 135 1 3770 75 3770 75
27169 61128 44373 83886 91983 33034 08404 89246 87094 88250
85460 32059 39047 03387 55327 91439 39202 70139 17954 68524
10562 37821 46451 14200 06618 18554 82871 56309 20081 63399
42995 40505 86800 45778 38151 70289 28123 04717 66888 95915
64240 00208 69762 76683 19562 12854 65377 48697 08117 50184
88644 31021 66930 99330 17052 89347 14677 30173 77267 73429
50162 52093 69165 23694 45255 44955 45258 93268 65234 85037
63315 34485 03250 22037 04283 000 000

9317/10484/11552 kHz, 21-03, 0806/0820/0840 UTC

135 135 135 1 9487 88 9487 88
72399 47768 55924 36678 30218 54826 34531 11121 38159 14189
39879 68093 51194 09664 23927 35534 52502 38801 41394 32130
47922 51495 24914 41864 40895 45982 36535 65542 89405 30161
92731 39356 02329 61941 16364 52955 12991 66520 81868 45870
98595 69942 65280 36125 20721 28287 95632 42739 06963 28655
89186 25026 68821 88437 46397 20904 22854 14060 95781 84235
18291 68988 21715 07998 21456 00523 65764 89251 93299 70971
22542 85980 56931 95523 33533 77978 86213 88787 21142 12608
50348 93794 58578 60750 40973 67705 70533 13890 000 000

9317/10484/11552 kHz, 26-03, 0806/0820/0840 UTC

135 135 135 1 6908 86 6908 86
86683 81392 84200 12393 98436 57331 80093 88491 51546 57831
20978 77812 99373 94143 53612 28437 02223 92608 72277 25397
68150 62578 41460 18835 64343 31442 35007 07946 12234 00490
22711 50760 73011 31049 51378 34858 19479 58241 03886 60166
88258 14934 28403 01034 92142 20795 88970 88156 90231 51259
55728 82388 62613 34187 13856 24104 39931 65365 48049 66993
22324 72147 76257 51056 35120 70216 04800 68324 42764 18754
08957 43980 88722 12110 37138 53215 34175 40426 26691 43548
42471 46849 17714 60974 44760 40321 000 000

9317/10484/11552 kHz, 28-03, 0806/0820/0840 UTC

135 135 135 1 3037 74 3037 74
46302 11007 49488 91419 96603 03013 25329 32133 92274 08971
97570 42979 92846 57411 54726 78115 78626 00858 83537 81026
82263 25563 54952 78586 30126 07960 83126 57551 44647 53174
97351 48596 38024 47826 44820 96576 66525 50644 76007 58180
58618 89688 42096 52049 82007 91777 46906 07866 82762 17099
72135 78570 82475 58925 40346 20739 56054 70900 61292 88683
19886 67777 87485 39099 11618 48973 04955 45020 12591 58148
11590 27981 24850 25357 000 000

????/12174/10871 kHz, 03-03, 2310/2330/2350 UTC

12174/10871 kHz, 03-03, 2330/2350 UTC

518 518 518 1 7707 78 7707 78
46400 08537 06214 14015 71048 60982 07173 33418 38887 43092
86783 27354 51526 19228 40083 92427 29400 39013 59068 73758
88372 56240 00562 86125 08009 52464 74373 38209 06695 17542
96831 47905 12274 66066 30227 42789 17732 11433 76511 37981
92625 56486 85840 23595 40147 96982 81356 32012 99236 77168
38455 02365 97755 62450 02297 79410 87051 78146 78862 75277
02275 65541 54413 75761 58183 40160 34264 02381 78808 72625
58610 54817 66501 32770 68252 83156 97749 25615 000 000

M14

12211/10243 kHz, 01-03, 0500/0520 UTC.

Odd transmissions: this schedule never sends null messages.

952 952 952 00000

2-31 March: not monitored

14721/12188 kHz, 06-03, 0800/0830 UTC

7377/5380 kHz, 06-03, 1900/1930 UTC

262 358 358 42 42 = =
89699 41058 90910 10880 16224 55323 62176 25391 72192 14641
68128 62026 90043 78722 69996 15287 59046 52782 63160 83628
54279 01152 88986 47393 19997 32873 06525 46041 49580 70196
78756 28153 29254 35927 53084 72607 37768 20558 40742 04399
19214 15128 = =
358 358 42 52 00000

14721/12188 kHz, 13-03, 0800/0830 UTC

7377/5380 kHz, 13-03, 1900/1930 UTC

262 538 538 41 41 = =
60663 49110 61005 03740 33675 89280 45108 79114 77691 09435
68024 13297 91049 10613 56697 24773 59998 68179 83535 28496
98832 26232 07180 83464 06521 74518 25865 03286 38288 00072
04317 34420 15565 30731 60126 31781 22765 12749 20524 86393
64303
= = 538 538 41 41 00000

14721/12188 kHz, 20-03, 0800/0830 UTC

7377/5380 kHz, 20-03, 1900/1930 UTC

262 580 580 43 43 = =
72861 46023 49886 93267 24585 48565 07115 26530 49057 74509
18708 13674 29783 98774 21243 22519 05544 88679 93373 31664
70975 00590 07829 34221 13970 60653 03818 43590 63320 96798
15781 80979 45066 14193 19433 49349 70958 31344 81022 23472
07505 19037 20753
= = 580 580 43 43 00000

Tests and sporadic transmissions

22925/20457 kHz, 20-03, 0800/0900 UTC. Replaced F06 60168 sporadic schedule

942 867 867 35 35 = =
86568 81517 91519 50810 12701 19785 18171 76871 71859 71919
11018 95796 16011 07871 86179 09211 69101 15561 90867 16578
12652 52161 25811 15151 17619 95787 85686 06056 15111 11811
18985 82185 51117 51512 41766
= = 867 867 35 35 00000

10755 kHz, 26-03, 0715 UTC 975 (R1h28m)

9463 kHz, 26-03, 0715 UTC 801 (R37m)

M23

5198 kHz, 0158 UTC XKO (R45m)
5198 kHz, 0358 UTC RST (R1h30m)
5873 kHz, 0558 UTC BDT (R1h)
17432 kHz, 0958 UTC OSS (R1h)
18412 kHz, 1158 UTC OSS (R1h)
18412 kHz, 1558 UTC 1T2 (R1h45m)
10551 kHz, 2158 UTC SST (R1h30m)
3659 kHz, 2358 UTC TUO (R1h)

New slot found

18412 kHz, 11-03, 0908 UTC SST (R30m)

Only two slots transmitted on 12 March:

5198 kHz, 12-03, 0158 UTC XKO (R45m)
5198 kHz, 12-03, 0358 UTC RST (R1h30m)

12-28 March: Nothing heard / no reports

New activity on 29, 30, 31 March

5198 kHz, Hourly marker at hh57
18214 kHz Hourly marker at hh57

M51a / M51b

M51b: 6825 kHz, 30-03, 1536 UTC. Non-stop 5 character groups composed of M51a messages

GDHSJ WNDHE AUJSK QQLAO NBGFV QLMAP JKDUR JSNWK EUIOK HNDTS
IKGCV 37628 AYSGX WBSUJ YHYTG DHSJQ BHDTR FJAIK WNDHC VZIJK
OLHGF 87452 XVSGR SHWUZ 10964 ETD FX CBSHA WJNHE SHGZU ALSGF
LGBCH XNBWH DSJZU AGWCD QKLAU GBXHR SJHAU YHGDV CLQIO AMLJH
YHBGR ZUJXV WNGSU 46381 BWN DU ZKQLA PLAYG BVXCD WNSHR ZJHSK
GBVCG DJSKZ WKQHJ AKLXV WCSGR ZJHSU 65953 BWNSJ AKUJH DGVXT

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 CHF DY 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

JKQNH VXB DH EYSUA WBDHR QKALY VCGRY WNDHR QKNWJ AJAOK UJAOK
QMAUJ YHDGT WVQHA ZUSHL AIKDH 35281 BXNDH QMAJK NBCGD XHETS
QJSGZ UJGHC ETSCX WBCGZ AUJSK QKLWP 53829 NXBDJ SWBQK LAPMH
NCJDU YHDIK 16738 NXDHZ UJQHW 1764/ NCJDU HQKAZ BXGDJ QKALI
HNQGB IKJNH XVSHZ QBWNA YTDGS WBQJU AKHDK LQMAP NBXHD YHSJZ
53803 YHDGX //ZSP JNCGD XHNSJ AUJQL ZUYRT 37264 HBXND KAYSL
QMAPO CDHZZL WNQFG DFVXU ZJSKA SKWNV CHDUT YHSLK 37208 BXNVJ
SKALG TGDJH WBQIL AMPKH BCNDH SJAUG BXVQH ZUJAL HNDJT YHASKA
BWNSJ YHDKZ 28563 BXNDH SKAJY HSQKA UJDMP GBCJD XJSUH NWER

UM04 - PROMRCh

Not monitored

Not monitored

4735 kHz, 03-03, 0800 UTC

VVVVV PROMRCh = 0303 =
1000 1070 1120 1300 1840
1200 1220 1270 1440 2010
1400 1190 1230 1390 1910
1600 1200 1240 1410 1950
1800 1030 1080 1240 1740
2000 0710 0740 0840 1160
2200 0500 0520 0570 0740
0000 0500 0520 0570 0740
0200 0490 0500 0550 0720
0400 0510 0520 0570 0750
0600 0470 0480 0550 0740
0800 0790 0840 1000 1500
= ABV

VVVVV PROMRCh = 0303 =
1000 1070 1120 1300 1840
1200 1220 1270 1440 2010
1400 1190 1230 1390 1910
1600 1200 1240 1410 1950
1800 1030 1080 1240 1740
2000 0710 0740 0840 1160
2200 0500 0520 0570 0740
0000 0500 0520 0570 0740
0200 0490 0500 0550 0720
0400 0510 0520 0570 0750
0600 0470 0480 0550 0740
0800 0790 0840 1000 1500
= AR

4735 kHz, 04-03, 0800 UTC

VVV VVV PROMRCh = 04 03 =
1000 1060 1110 1290 1830
1200 1210 1260 1440 2000
1400 1190 1230 1390 1910
1600 1190 1230 1400 1940
1800 1030 1080 1240 1750
2000 0720 0740 0840 1160
2200 0540 0560 0620 0840
0000 0500 0510 0570 0740
0200 0500 0500 0560 0720
0400 0510 0520 0580 0760
0600 0470 0480 0540 0740
0800 0790 0840 1000 1450
= ABV

VVV VVV PROMRCh = 04 03 =
1000 1060 1110 1290 1830
1200 1210 1260 1440 2000
1400 1190 1230 1390 1910
1600 1190 1230 1400 1940
1800 1030 1080 1240 1750
2000 0720 0740 0840 1160
2200 0540 0560 0620 0840
0000 0500 0510 0570 0740
0200 0500 0500 0560 0720
0400 0510 0520 0580 0760
0600 0470 0480 0540 0740
0800 0790 0840 1000 1450
= AR

4735 kHz, 05-03, 0800 UTC

VVV VVV PROMRCh = 05 03 =
1000 1060 1110 1280 1820
1200 1210 1260 1430 1990
1400 1190 1230 1390 1900
1600 1180 1230 1390 1920
1800 1040 1080 1250 1750
2000 0730 0750 0850 1170
2200 0550 0570 0630 0850
0000 0510 0530 0580 0750
0200 0500 0510 0560 0730
0400 0510 0520 0580 0760
0600 0470 0480 0540 0730
0800 0800 0840 1000 1450
= ABV

VVV VVV PROMRCh = 05 03 =
1000 1060 1110 1280 1820
1200 1210 1260 1430 1990
1400 1190 1230 1390 1900
1600 1180 1230 1390 1920
1800 1040 1080 1250 1750
2000 0730 0750 0850 1170
2200 0550 0570 0630 0850
0000 0510 0530 0580 0750
0200 0500 0510 0560 0730
0400 0510 0520 0580 0760
0600 0470 0480 0540 0730
0800 0800 0840 1000 1450
= AR

4735 kHz, 06-03, 0800 UTC

VVV VVV PROMRCh = 06 03 =
1000 1050 1100 1270 1810
1200 1200 1250 1420 1970
1400 1180 1220 1380 1890
1600 1170 1220 1380 1910
1800 1030 1080 1240 1750
2000 0720 0750 0850 1160
2200 0550 0570 0630 0850
0000 0510 0530 0580 0750
0200 0500 0510 0570 0730
0400 0520 0530 0580 0760
0600 0470 0480 0540 0730
0800 0790 0840 1000 1450
= ABV

VVV VVV PROMRCh = 06 03 =
1000 1050 1100 1270 1810
1200 1200 1250 1420 1970
1400 1180 1220 1380 1890
1600 1170 1220 1380 1910
1800 1030 1080 1240 1750
2000 0720 0750 0850 1160
2200 0550 0570 0630 0850
0000 0510 0530 0580 0750
0200 0500 0510 0570 0730
0400 0520 0530 0580 0760
0600 0470 0480 0540 0730
0800 0790 0840 1000 1450
= AR

Not monitored

4735 kHz, 08-03, 0800 UTC

VVV VVV PROMRCh = 08 03 =
1000 1030 1080 1250 1770
1200 1180 1230 1390 1940
1400 1170 1210 1370 1870
1600 1160 1200 1360 1880
1800 1030 1080 1240 1750
2000 0730 0750 0850 1170
2200 0550 0570 0640 0850
0000 0520 0530 0580 0750
0200 0510 0520 0570 0740
0400 0520 0530 0590 0770
0600 0460 0480 0540 0730
0800 0790 0840 0990 1440
= ABV

VVV VVV PROMRCh = 08 03 =
1000 1030 1080 1250 1770
1200 1180 1230 1390 1940
1400 1170 1210 1370 1870
1600 1160 1200 1360 1880
1800 1030 1080 1240 1750
2000 0730 0750 0850 1170
2200 0550 0570 0640 0850
0000 0520 0530 0580 0750
0200 0510 0520 0570 0740
0400 0520 0530 0590 0770
0600 0460 0480 0540 0730
0800 0790 0840 0990 1440
= AR

Not monitored

4735 kHz, 10-03, 0800 UTC

VVV VVV PROMRCh = 10 03 =
1000 1020 1070 1230 1750
1200 1170 1210 1370 1910
1400 1160 1200 1350 1850
1600 1140 1180 1340 1860
1800 1030 1080 1240 1740
2000 0730 0760 0860 1170
2200 0560 0570 0640 0860
0000 0520 0530 0590 0760
0200 0510 0520 0570 0740
0400 0520 0530 0590 0770
0600 0460 0480 0540 0730
0800 0790 0830 0990 1440
= ABV

VVV VVV PROMRCh = 10 03 =
1000 1020 1070 1230 1750
1200 1170 1210 1370 1910
1400 1160 1200 1350 1850
1600 1140 1180 1340 1860
1800 1030 1080 1240 1740
2000 0730 0760 0860 1170
2200 0560 0570 0640 0860
0000 0520 0530 0590 0760
0200 0510 0520 0570 0740
0400 0520 0530 0590 0770
0600 0460 0480 0540 0730
0800 0790 0830 0990 1440
= AR

4735 kHz, 11-03, 0800 UTC

VVVVV PROMRCh = 1103 =
1000 1010 1060 1230 1740
1200 1170 1210 1380 1910
1400 1160 1200 1350 1850
1600 1130 1180 1330 1840
1800 1030 1080 1240 1740
2000 0740 0760 0860 1180
2200 0560 0570 0640 0850
0000 0520 0530 0590 0760
0200 0510 0520 0570 0740
0400 0520 0530 0580 0760
0600 0460 0480 0530 0720
0800 0790 0830 0990 1440
= ABV

VVVVV PROMRCh = 1103 =
1000 1010 1060 1230 1740
1200 1170 1210 1380 1910
1400 1160 1200 1350 1850
1600 1130 1180 1330 1840
1800 1030 1080 1240 1740
2000 0740 0760 0860 1180
2200 0560 0570 0640 0850
0000 0520 0530 0590 0760
0200 0510 0520 0570 0740
0400 0520 0530 0580 0760
0600 0460 0480 0530 0720
0800 0790 0830 0990 1440
= AR

**4735 kHz, 12-03, 0800 UTC
Corrected 0600 line**

VVV VVV PROMRCh = 12 03 =
1000 1000 1050 1220 1730
1200 1160 1210 1370 1910
1400 1160 1200 1350 1850
1600 1130 1170 1320 1830
1800 1030 1080 1240 1740
2000 0740 0760 0860 1180
2200 0560 0580 0640 0860
0000 0530 0540 0590 0770
0200 0510 0520 0570 0740
0400 0520 0530 0590 0770
0600 0460 0470 0530 0590 0770
0600 0460 0470 0530 0720
0800 0790 0830 0990 1430
= ABV

VVV VVV PROMRCh = 12 03 =
1000 1000 1050 1220 1730
1200 1160 1210 1370 1910
1400 1160 1200 1350 1850
1600 1130 1170 1320 1830
1800 1030 1080 1240 1740
2000 0740 0760 0860 1180
2200 0560 0580 0640 0860
0000 0530 0540 0590 0770
0200 0510 0520 0570 0740
0400 0520 0530 0590 0770
0600 0460 0470 0530 0590 0770
0600 0460 0470 0530 0720
0800 0790 0830 0990 1430
= AR

4735 kHz, 13-03, 0800 UTC

VVV VVV PROMRCh = 13 03 =
1000 1010 1050 1220 1720
1200 1160 1210 1370 1900
1400 1160 1200 1350 1850
1600 1130 1170 1340 1830
1800 1040 1090 1250 1750
2000 0740 0770 0870 1190
2200 0570 0580 0650 0860
0000 0530 0540 0590 0770
0200 0520 0530 0580 0750
0400 0520 0530 0590 0770
0600 0460 0470 0530 0720
0800 0790 0830 0990 1430
= ABV

VVV VVV PROMRCh = 13 03 =
1000 1010 1050 1220 1720
1200 1160 1210 1370 1900
1400 1160 1200 1350 1850
1600 1130 1170 1340 1830
1800 1040 1090 1250 1750
2000 0740 0770 0870 1190
2200 0570 0580 0650 0860
0000 0530 0540 0590 0770
0200 0520 0530 0580 0750
0400 0520 0530 0590 0770
0600 0460 0470 0530 0720
0800 0790 0830 0990 1430
= AR

**4735 kHz, 14-03, 0805 UTC, in
progress**

1200 1360 1890
1400 1160 1210 1360 1850
1600 1130 1160 1330 1830
1800 1050 1090 1250 1750
2000 0750 0840 0880 1200
2200 0570 0610 0650 0860
0000 0530 0540 0600 0780
0200 0520 0530 0580 0750
0400 0530 0540 0590 0770
0600 0460 0470 0530 0720
0800 0790 0830 0990 1430
= AR

4735 kHz, 15-03, 0800 UTC

VVV VVV PROMRCh = 15 03 =
1000 1010 1050 1220 1710
1200 1160 1200 1360 1880
1400 1170 1210 1360 1850
1600 1130 1170 1320 1820
1800 1050 1100 1260 1760
2000 0760 0790 0890 1210
2200 0580 0590 0660 0880
0000 0540 0550 0610 0790
0200 0520 0530 0580 0750
0400 0530 0540 0590 0780
0600 0460 0470 0530 0720
0800 0790 0840 0990 1430
= ABV

VVV VVV PROMRCh = 15 03 =
1000 1010 1050 1220 1710
1200 1160 1200 1360 1880
1400 1170 1210 1360 1850
1600 1130 1170 1320 1820
1800 1050 1100 1260 1760
2000 0760 0790 0890 1210
2200 0580 0590 0660 0880
0000 0540 0550 0610 0790
0200 0520 0530 0580 0750
0400 0530 0540 0590 0780
0600 0460 0470 0530 0720
0800 0790 0840 0990 1430
= AR

4735 kHz, 16-03, 0800 UTC

VVV VVV PROMRCh = 16 03 =
1000 1010 1050 1210 1710
1200 1160 1200 1360 1870
1400 1170 1200 1360 1860
1600 1120 1160 1320 1810
1800 1050 1100 1260 1760
2000 0760 0790 0890 1210
2200 0580 0600 0670 0880
0000 0550 0560 0610 0790
0200 0530 0540 0590 0770
0400 0530 0550 0600 0780
0600 0460 0480 0530 0720
0800 0790 0840 0990 1440
= ABV

VVV VVV PROMRCh = 16 03 =
1000 1010 1050 1210 1710
1200 1160 1200 1360 1870
1400 1170 1200 1360 1860
1600 1120 1160 1320 1810
1800 1050 1100 1260 1760
2000 0760 0790 0890 1210
2200 0580 0600 0670 0880
0000 0550 0560 0610 0790
0200 0530 0540 0590 0770
0400 0530 0550 0600 0780
0600 0460 0480 0530 0720
0800 0790 0840 0990 1440
= AR

4735 kHz, 17-03, 0800 UTC

VVVVV PROMRCh = 1703 =
1000 1000 1050 1210 1690
1200 1150 1200 1350 1870
1400 1160 1200 1350 1850
1600 1110 1160 1310 1800
1800 1050 1090 1250 1760
2000 0760 0790 0890 1210
2200 0580 0600 0670 0880
0000 0550 0560 0610 0790
0200 0530 0540 0590 0760
0400 0530 0550 0600 0780
0600 0460 0480 0530 0720
0800 0790 0840 0990 1430
= ABV

VVVVV PROMRCh = 1703 =
1000 1000 1050 1210 1690
1200 1150 1200 1350 1870
1400 1160 1200 1350 1850
1600 1110 1160 1310 1800
1800 1050 1090 1250 1760
2000 0760 0790 0890 1210
2200 0580 0600 0670 0880
0000 0550 0560 0610 0790
0200 0530 0540 0590 0760
0400 0530 0550 0600 0780
0600 0460 0480 0530 0720
0800 0790 0840 0990 1430
= AR

4735 kHz, 21-03, 0800 UTC

VVVVV PROMRCh = 21 03 =
1000 0990 1030 1180 1650
1200 1140 1180 1330 1820
1400 1160 1200 1350 1830
1600 1090 1030 1280 1760
1800 1060 1100 1260 1760
2000 0780 0810 0910 1230
2200 0600 0620 0680 0900
0000 0550 0570 0620 0800
0200 0530 0540 0590 0760
0400 0530 0540 0600 0780
0600 0450 0470 0520 0710
0800 0790 0830 0990 1430
= ABV

VVVVV PROMRCh = 21 03 =
1000 0990 1030 1180 1650
1200 1140 1180 1330 1820
1400 1160 1200 1350 1830
1600 1090 1030 1280 1760
1800 1060 1100 1260 1760
2000 0780 0810 0910 1230
2200 0600 0620 0680 0900
0000 0550 0570 0620 0800
0200 0530 0540 0590 0760
0400 0530 0540 0600 0780
0600 0450 0470 0520 0710
0800 0790 0830 0990 1430
= AR

4735 kHz, 18-03, 0800 UTC

VVV VVV PROMRCh = 18 03 =
1000 0990 1040 1190 1670
1200 1150 1190 1350 1850
1400 1160 1200 1350 1840
1600 1110 1150 1300 1780
1800 1050 1100 1260 1760
2000 0770 0800 0890 1220
2200 0580 0600 0660 0880
0000 0540 0560 0610 0790
0200 0580 0540 0590 0760
0400 0530 0550 0600 0780
0600 0450 0470 0530 0710
0800 0790 0830 0980 1430
= ABV

VVV VVV PROMRCh = 18 03 =
1000 0990 1040 1190 1670
1200 1150 1190 1350 1850
1400 1160 1200 1350 1840
1600 1110 1150 1300 1780
1800 1050 1100 1260 1760
2000 0770 0800 0890 1220
2200 0580 0600 0660 0880
0000 0540 0560 0610 0790
0200 0580 0540 0590 0760
0400 0530 0550 0600 0780
0600 0450 0470 0530 0710
0800 0790 0830 0980 1430
= AR

4735 kHz, 22-03, 0800 UTC

VVV VVV PROMRCh = 22 03 =
1000 0990 1040 1190 1670
1200 1140 1180 1330 1830
1400 1160 1200 1350 1830
1600 1090 1130 1280 1760
1800 1060 1100 1260 1760
2000 0790 0810 0910 1240
2200 0600 0620 0680 0900
0000 0560 0570 0620 0810
0200 0530 0540 0600 0770
0400 0540 0550 0600 0780
0600 0450 0470 0520 0700
0800 0790 0840 0990 1430
= ABV

VVV VVV PROMRCh = 22 03 =
1000 0990 1040 1190 1670
1200 1140 1180 1330 1830
1400 1160 1200 1350 1830
1600 1090 1130 1280 1760
1800 1060 1100 1260 1760
2000 0790 0810 0910 1240
2200 0600 0620 0680 0900
0000 0560 0570 0620 0810
0200 0530 0540 0600 0770
0400 0540 0550 0600 0780
0600 0450 0470 0520 0700
0800 0790 0840 0990 1430
= AR

4735 kHz, 19-03, 0800 UTC

VVV VVV PROMRCh = 19 03 =
1000 0990 1030 1190 1670
1200 1140 1180 1340 1840
1400 1160 1200 1350 1830
1600 1100 1140 1290 1770
1800 1050 1100 1260 1760
2000 0770 0800 0900 1220
2200 0590 0600 0670 0880
0000 0540 0560 0610 0790
0200 0530 0540 0590 0760
0400 0530 0540 0600 0780
0600 0450 0470 0520 0710
0800 0780 0830 0980 1420
= ABV

VVV VVV PROMRCh = 19 03 =
1000 0990 1030 1190 1670
1200 1140 1180 1340 1840
1400 1160 1200 1350 1830
1600 1100 1140 1290 1770
1800 1050 1100 1260 1760
2000 0770 0800 0900 1220
2200 0590 0600 0670 0880
0000 0540 0560 0610 0790
0200 0530 0540 0590 0760
0400 0530 0540 0600 0780
0600 0450 0470 0520 0710
0800 0780 0830 0980 1420
= AR

4735 kHz, 23-03, 0804 UTC

i.p. partly unreadable
0600 0450 0470 0520 0710
0800 0790 0840 0990 1430
= ABV
VVVVV PROMRCh = 23 03 =
1000 ____ ____ ____ 1670
1200 ____ ____ ____ ____
1400 ____ ____ ____ ____
1600 __00 14__ ____ ____
1800 1060 ____ 1270 1770
2000 0800 0820 0920 1240
2200 0610 0630 0700 0910
0000 0560 0570 0630 0810
0200 0530 0540 0590 0770
0400 0540 0550 0600 0780
0600 0450 0470 0520 0710
0800 0790 0840 0990 1430
= AR

4735 kHz, 20-03, 0800 UTC

VVV VVV PROMRCh = 20 03 =
(too weak to copy)

4735 kHz, 24-03, 0800 UTC

VVV VVV PROMRCh = 24 03 =
1000 1000 1050 1200 1670
1200 1150 1190 1340 1830
1400 1170 1200 1360 1840
1600 1100 1140 1280 1760
1800 1060 1110 1270 1770
2000 0800 0820 0920 1240
2200 0610 0630 0690 0920
0000 0570 0580 0640 0820
0200 0540 0550 0600 0770
0400 0540 0550 0610 0790
0600 0450 0470 0530 0710
0800 0800 0840 0990 1440
= ABV
VVV VVV PROMRCh = 24 03 =
1000 1000 1050 1200 1670
1200 1150 1190 1340 1830
1400 1170 1200 1360 1840
1600 1100 1140 1280 1760
1800 1060 1110 1270 1770
2000 0800 0820 0920 1240
2200 0610 0630 0690 0920
0000 0570 0580 0640 0820
0200 0540 0550 0600 0770
0400 0540 0550 0610 0790
0600 0450 0470 0530 0710
0800 0800 0840 0990 1440
= AR

4735 kHz, 25-03, 0800 UTC

VVV VVV PROMRCh = 25 03 =
1000 1010 1060 1210 1690
1200 1160 1200 1350 1850
1400 1180 1220 1360 1850
1600 1110 1150 1300 1780
1800 1070 1120 1280 1770
2000 0810 0840 0940 1260
2200 0620 0640 0710 0930
0000 0570 0580 0640 0820
0200 0540 0550 0600 0770
0400 0540 0550 0610 0790
0600 0450 0470 0530 0710
0800 0800 0850 1000 1440
= ABV

VVV VVV PROMRCh = 25 03 =
1000 1010 1060 1210 1690
1200 1160 1200 1350 1850
1400 1180 1220 1360 1850
1600 1110 1150 1300 1780
1800 1070 1120 1280 1770
2000 0810 0840 0940 1260
2200 0620 0640 0710 0930
0000 0570 0580 0640 0820
0200 0540 0550 0600 0770
0400 0540 0550 0610 0790
0600 0450 0470 0530 0710
0800 0800 0850 1000 1440
= AR

4735 kHz, 29-03, 0800 UTC

VVV VVV PROMRCh = 29 03 =
1000 1010 1060 1210 1690
1200 1160 1200 1350 1850
1400 1200 1240 1380 1870
1600 1120 1160 1310 1790
1800 1080 1130 1280 1780
2000 0830 0850 0950 1280
2200 0650 0670 0740 0970
0000 0590 0600 0650 0840
0200 0550 0560 0610 0790
0400 0550 0560 0610 0800
0600 0460 0480 0530 0720
0800 0800 0850 1010 1440
= ABV

VVV VVV PROMRCh = 29 03 =
1000 1010 1060 1210 1690
1200 1160 1200 1350 1850
1400 1200 1240 1380 1870
1600 1120 1160 1310 1790
1800 1080 1130 1280 1780
2000 0830 0850 0950 1280
2200 0650 0670 0740 0970
0000 0590 0600 0650 0840
0200 0550 0560 0610 0790
0400 0550 0560 0610 0800
0600 0460 0480 0530 0720
0800 0800 0850 1010 1440
= AR

4735 kHz, 26-03, 0800 UTC

VVV VVV PROMRCh = 26 03 =
1000 1020 1060 1210 1690
1200 1160 1200 1350 1850
1400 1190 1230 1370 1860
1600 1110 1150 1300 1780
1800 1080 1120 1280 1780
2000 0820 0840 0940 1270
2200 0640 0660 0730 0950
0000 0580 0590 0650 0840
0200 0540 0550 0600 0780
0400 0540 0560 0610 0800
0600 0460 0470 0530 0720
0800 0810 0850 1010 1450
= ABV

VVV VVV PROMRCh = 26 03 =
1000 1020 1060 1210 1690
1200 1160 1200 1350 1850
1400 1190 1230 1370 1860
1600 1110 1150 1300 1780
1800 1080 1120 1280 1780
2000 0820 0840 0940 1270
2200 0640 0660 0730 0950
0000 0580 0590 0650 0840
0200 0540 0550 0600 0780
0400 0540 0560 0610 0800
0600 0460 0470 0530 0720
0800 0810 0850 1010 1450
= AR

4735 kHz, 27-03, 0800 UTC

VVV VVV PROMRCh = 27 03 =
1000 1010 1050 1200 1680
1200 1150 1190 1350 1840
1400 1180 1120 1370 1850
1600 1110 1150 1300 1770
1800 1080 1120 1280 1780
2000 0820 0850 0950 1270
2200 0600 0660 0830 0960
0000 0580 0590 0650 0840
0200 0550 0530 0610 0790
0400 0550 0560 0610 0800
0600 0460 0470 0530 0710
0800 0800 0850 1000 1440
= ABV

VVV VVV PROMRCh = 27 03 =
1000 1010 1050 1200 1680
1200 1150 1190 1350 1840
1400 1180 1120 1370 1850
1600 1110 1150 1300 1770
1800 1080 1120 1280 1780
2000 0820 0850 0950 1270
2200 0600 0660 0830 0960
0000 0580 0590 0650 0840
0200 0550 0530 0610 0790
0400 0550 0560 0610 0800
0600 0460 0470 0530 0710
0800 0800 0850 1000 1440
= AR

4735 kHz, 28-03, 0800 UTC

VVV VVV PROMRCh = 28 03 =
1000 1010 1050 1210 1690
1200 1150 1200 1350 1850
1400 1190 1220 1370 1860
1600 1110 1160 1300 1770
1800 1080 1120 1280 1790
2000 0820 0850 0950 1270
2200 0640 0660 0730 0960
0000 0590 0600 0650 0840
0200 0550 0560 0610 0790
0400 0550 0560 0620 0800
0600 0460 0480 0530 0710
0800 0800 0850 1000 1450
= ABV

VVV VVV PROMRCh = 28 03 =
1000 1010 1050 1210 1690
1200 1150 1200 1350 1850
1400 1190 1220 1370 1860
1600 1110 1160 1300 1770
1800 1080 1120 1280 1790
2000 0820 0850 0950 1270
2200 0640 0660 0730 0960
0000 0590 0600 0650 0840
0200 0550 0560 0610 0790
0400 0550 0560 0620 0800
0600 0460 0480 0530 0710
0800 0800 0850 1000 1450
= AR

4735 kHz, 30-03, 0756 UTC: VVV

4735 kHz, 30-03, 0800 UTC
VVV VVV PROMRCh = 30 03 =
1000 1020 1060 1210 1670
1200 1170 1210 1360 1860
1400 1200 1240 1390 1870
1600 1130 1170 1310 1800
1800 1090 1130 1290 1790
2000 0830 0860 0950 1280
2200 0660 0680 0750 0970
0000 0590 0600 0660 0850
0200 0560 0570 0620 0800
0400 0550 0560 0620 0800
0600 0460 0480 0530 0710
0800 0810 0850 1010 1450
= ABV

VVV VVV PROMRCh = 30 03 =
1000 1020 1060 1210 1670
1200 1170 1210 1360 1860
1400 1200 1240 1390 1870
1600 1130 1170 1310 1800
1800 1090 1130 1290 1790
2000 0830 0860 0950 1280
2200 0660 0680 0750 0970
0000 0590 0600 0660 0850
0200 0560 0570 0620 0800
0400 0550 0560 0620 0800
0600 0460 0480 0530 0710
0800 0810 0850 1010 1450
= AR

**4735 kHz, 31-03, 0700 UTC
Changed to daylight saving time**

VVVVV PROMRCh = 31 03 =
1000 1020 1060 1220 1700
1200 1170 1210 1370 1870
1400 1210 1240 1390 1880
1600 1140 1180 1320 1810
1800 1100 1140 1300 1790
2000 0840 0870 0970 1290
2200 0670 0680 0750 0990
0000 0600 0610 0670 0860
0200 0560 0570 0630 0800
0400 0550 0570 0620 0810
0600 0470 0480 0540 0720
0800 0810 0860 1010 1460
= ABV

VVVVV PROMRCh = 31 03 =
1000 1020 1060 1220 1700
1200 1170 1210 1370 1870
1400 1210 1240 1390 1880
1600 1140 1180 1320 1810
1800 1100 1140 1300 1790
2000 0840 0870 0970 1290
2200 0670 0680 0750 0990
0000 0600 0610 0670 0860
0200 0560 0570 0630 0800
0400 0550 0570 0620 0810
0600 0470 0480 0540 0720
0800 0810 0860 1010 1460
= AR

UM05

Known frequencies: 3961.8, 5345.8, 10300.8, 10380.8 kHz

5345.8 kHz

- 01-03 i.p. pomme forest nuage dom ice lune (R), chaise forest fish flower sky lune (R)
- 02-03 i.p. eau book earth moon soleil ciel (R), apple pluie neige vent pluie chaise (R)
- 03-03 i.p. eau book earth moon soleil ciel (R), sable feu table mer pluie house (R)
- 04-03 i.p. eau book earth moon soleil ciel (R), sable feu table air pluie house (R), ciel chien maison car car (R)
- 05-03 i.p. eau book earth moon soleil ciel (R), table wind foret fleur sable fire (R)
- 06-03 i.p. eau book earth moon soleil ciel (R), mer sea dog feu tree sea (R)
- 07-03 i.p. chien fish book house terre moon (R), lune mer star earth fish ciel (R)
- 08-03 i.p. mer sea dog feu tree sea (R), forest earth ice star riviere river (R), cat tree cloud chat arbre nuage (R)
- 09-03 i.p. sun soleil flower maison rain mountain (R), arbre star chat flower river montagne (R)
- 10-03 i.p. moon livre tiviere ice vent cat (R), mountain table snow ciel sable sea (R)
- 11-03 i.p. soleil table neige chien sable oiseau (R), lune mer star earth fish ciel (R)
- 12-03 i.p. neige book river book foret sable (R), flower house montagne mountain rain flower (R)
- 12-03 **Format change to 4-letter groups**
- 13-03 i.p. XXWC IDZC RFXN FUFA UEGZ ZJXL LPND RDCE MUWA IFLZ BSTN BVWO etc
- 14-03 i.p. HROA BLLK YDJ UFAW GZFE CJEH SPZG FUAT PPUK FJSJ VWGM IBLE HBLK JPYK DBHR HUMB RXID OEGL QDCE etc.
- 15-03 i.p. ZBUQ IPOB SLLL RZIH TKFK NDXA BEHW BVWB etc.
- 15-03 **Frequency change to 10380.8 kHz**

10380.8 kHz

- 15-03 i.p. QWGW UXID DJGF OBCH ULDR LVRL UDLZ WEFI CZAR etc.
- 16-03 i.p. ISMH LAWH JELI UXQL WVEJ CGGW LBWJ IBHC MJTN FMEQ MRLK etc.
- 17-03 i.p. UAPP RBOA WYLN OSPI TZUM ITMD DLAA VGPU AZCX GABO EVHU etc.
- 18-03 i.p. LHPQ KOCX CQDW KOWT UASD OJSC HITJ LQNN WAQL FLWV IKYD LNHE etc.
- 19-03 **Frequency change to 5345.8 kHz**

5345.8 kHz

- 19-03 i.p. VKIW JSNF KRAA CSSV IDYR LMHK JKNW ZRZB LPAG YNMH SYXX etc.
- 20-03 i.p. RHHY BDHR SBNE LFEL WUDW NSVA FAFW etc.
- 21-03 i.p. JTYO TEDH DRPO IGLK KCPF KPPU VQTA AMKT BNMD QZCI etc.
- 22-03 i.p. RMNK CGVB UYWB PBDT MPEG ZRZR TJNV TZKE DRQK etc.
- 23-08 i.p. RLPZ RBIB RRQB PKYM CDEO MOUP QZDW MDJR VYDD LHUB EZBP LLVX AGIR etc.
- 24-08 i.p. TBMS UQPC RWXD AIAZ AHBV VGLS GTWT OTBL GMSX WGIO etc.
- 25-03 i.p. LJVH SJQY EZWY PXJW XQWR CELH YMLX GVKD ZBKW AHBM PFQP etc.
- 26-03 i.p. NTUW EULI UTJJ NWHF ZSJP VTAS ADVI WWMV CQEW TYAD RFBN KMDS AMOQ ZQRB etc.
- 27-03 i.p. WFIH TRRH WJFK IMEL GNPR ARUU RZSU TTDO JKDK IXQP ZPHR etc.
- 28-03 i.p. DBSV XGWY YDHQ URLG BAGV ROVH KUFT DHAV HQFX OJMV PORZ RQTV HDRN etc.
- 29-03 i.p. VYME IQYF DNLY SMZH ITHJ RQUM PNBC RREQ YVNH AVZH YGKG DGMV etc.
- 30-03 i.p. KJXY DXAE ZPYT YCDE MQBK XYKF ZLDI DFAZ etc.
- 31-03 i.p. EVHK XQJQ YNRV UUCK UAQB TUQQ BEBF LPHD MSHD GSOO CGOV GNAV BFPD etc.

DIGITAL MODES

Russian Government networks (including intelligence agencies, domestic and international nets) . Designators F01, F06, F06a, M42, M42b

M42b – FSK 50/500

Operator chat in Morse, messages in FSK 50/500.

10352 kHz, 12-03, 1340 UTC, CW: VVV V ?

10352 kHz, 12-03, 1350 UTC, CW + FSK 50/500. Very long session, ca 2,5 hrs. NT9P not found.

NT9P NT9P NT9P DE K4MT K4MT K

QSA3 QSA? K

QTC1 ZZC K

RYYRYRYRYRYRY

505 100 12 1340 2564 =

39501 81768 60653 98079 49043 65460 94875 13610 37915 65686
84189 57385 50162 00015 87115 13999 02780 70178 57203 42822
17130 92282 99489 12035 95882 43645 67086 03455 03894 39594
45116 75969 27925 35193 91192 95401 01398 98175 39551 06765
03515 46071 43406 25694 61993 53226 24555 78370 10987 28472 =50=
76208 42852 95154 27387 28730 22777 78245 26405 65398 75191
53993 24487 99107 09973 42273 65591 61027 10732 42590 60512
98058 79965 03289 06562 88242 58614 07407 17047 00978 26168
14093 00004 49766 61906 05063 09027 09536 56137 02683 08469
89803 37733 40524 03669 02626 79867 42742 74276 84679 41062 =100=
-1353{

CFM NIL QRU? K

CFM NIL QRU? K

ZVP K

BK QRV K

K

R 051 1356 K

QRX 83409 QRX 83409 K

CFM AR

NT9P NT9P NT9P DE K4MT K4MT K

QSA3 QSA? K

QTC1 ZZC K

RYYRYRYRYRYRY

513 100 12 1400 2398 =

29872 18195 67442 69670 31788 00626 70778 34285 68792 71158
30127 30882 52999 36882 29081 12630 71757 04344 43890 25188
64270 25238 41459 41068 97653 39711 78831 54832 52117 33281
07468 66789 56793 46642 34593 05163 42130 88168 73531 17428
88749 10723 38128 37182 42262 12152 05193 10168 93953 31190 =50=
30110 46714 28041 91624 65909 08035 79784 38478 13747 96972
25755 66856 79524 56171 78471 34959 37447 74059 08206 24598
14929 62726 69490 89293 84833 47835 29296 17375 71268 19848
87882 95813 17699 22983 91361 71615 96747 73866 94027 70224
27352 19002 24053 47210 49399 94065 29729 72058 98987 47594 =100=
-1408{

CFM NIL QRU? K

ZVP K

BK QRV K

K

R 840 1411 K

QRX 83424 QRX 83424 K

CFM AR

NT9P NT9P NT9P DE K4MT K4MT K

QSA3 QSA? K

QTC1 ZZC K

RYYRYRYRYRYRY

527 100 12 1415 2365 =

45898 12589 96756 69064 47882 04277 84241 61536 82719 02949
73356 07881 77838 58196 46089 08307 23201 38683 62846 71724
78056 84705 14842 06711 07011 50879 01727 85856 81023 32762
56471 75883 53240 42283 34018 20838 04013 00943 14141 41730
55283 23507 57316 49017 15632 93455 99658 61488 51577 95647 =50=
34657 12978 02888 00032 21452 40480 02835 03896 82831 00631
89999 57314 96509 91102 56038 18505 02019 96054 94251 66954

82773 17113 69681 90592 63930 47280 91336 01308 20458 57921
37053 80338 32598 1.884 57571 07974 48919 80575 70457 81158
54234 52701 21891 47884 08758 09765 08494 13347 09316 30889 =100=
-1423{

CFM NIL QRU? K
ZVP K
BK BK QRV K
K
R 361 1426 K
QRX 83439 QRX 83439 K
CFM AR

NT9P NT9P NT9P DE K4MT K4MT K
QSA3 QSA? K
QTC1 ZZC K

RYYRYRYRYRYRYRY
601 100 12 1428 5578 =
52768 24010 46117 84250 28145 27741 37687 17912 23059 04652
62398 39787 26539 83875 86722 65576 07800 92295 41674 59150
94405 81010 17289 78299 18267 65906 27609 63834 14051 94162
05539 96487 36201 29785 58918 34556 14113 57652 49746 87260
10608 70590 19493 39585 67542 24608 34798 15477 94862 90939 =50=
71291 73841 40214 52066 39949 40420 72128 32158 09735 42856
81038 13953 39637 59676 11283 51372 49739 28798 44027 97891
52369 13945 50894 82755 17648 84348 64559 57021 24928 68604
69857 83713 23744 87168 41751 08172 29540 61174 76810 50347
66435 60823 44945 02157 86332 93518 49476 67662 95039 97364 =100=
-1438 (

CFM NIL QRU? K
ZVP K
BK QRV K
RPT K
K
R 203 1441 K
QRX 83449 QRX 83449 K
CFM AR

NT9P NT9P NT9P DE K4MT K4MT K
QSA3 QSA? K
QTC1 ZZC K

RYYRYRYRYRYRYRY
623 100 12 1442 8654 =
94966 10775 02913 93783 88909 02773 36651 53814 40595 65353
22576 56117 50043 40389 77866 03508 66866 44933 98840 59287
29659 44909 59480 74593 88556 47367 76405 4734& 30659 32813
56536 31189 62753 09584 85849 33389 88227 34630 41672 28728
46338 04603 42782 51378 47913 35875 55514 62734 66738 03057 =50=
89030 16219 86808 77110 33854 30604 04704 08683 56810 87806
15448 54538 06779 12361 00414 67532 18318 76948 76543 35050
33023 31840 42714 93681 54956 00108 80794 40278 41481 13373
87888 04737 11084 22553 58906 20150 46602 02268 68247 89968
47267 79481 80081 41572 08789 87846 96072 78798 45753 26689 =100=
- 1447{

CFM QRU? K
CFM NIL QRU? K
ZVP K
BK QRV K
K K

61601 17160 91117 46987 93452 21401 64573 84495 66437 21929
25451 90638 54184 60847 94662 84445 23318 79742 40682 81743 =50=
27803 01019 86427 39193 40856 30148 48050 83465 38474 91232
01968 86353 98061 21136 13176 31513 02657 28922 68206 94632
58672 60958 48160 24901 49456 30994 69315 17968 69132 24181
70932 05729 83107 06397 40800 99987 99182 95287 03419 72850
28933 01107 11233 42789 59603 75048 53428 02215 50085 01961 =100=
-1237

CFM NIL K

12212 kHz, 18-03, 1229 UTC, CW + FSK 50/500. K4MT not found.

K4MT K4MT K4MT DE NT9P NT9P K
QSA3 QSA? K
ZVP K
BK QRV K
RPT K
K
R 955 1234 K
QTC1 ZZC K

RYYRYRYRYRYRYRYRYRYRYRYRY

321 100 18 1230 6434 =
57612 34576 45675 67472 51769 12345 78123 45014 07576 12376
81238 76145 67416 13217 86348 13765 36154 67814 76346 53757
34764 27823 47236 90190 12763 24329 89291 28736 74735 71287
18912 34983 89487 63812 39120 19123 52767 58759 81298 18007
87486 59819 81981 78466 75783 11292 19283 71267 84984 39121 =50=
01022 91983 57573 57239 81989 81753 85717 82921 09101 01298
91478 35678 87638 12928 21781 87178 14939 28235 12091 20124
03180 28921 86568 74539 04210 12018 93787 68574 21021 90215
32829 39418 71781 87128 29218 36788 76538 74198 92101 01901
29287 17583 57189 89189 32753 75753 89192 20101 21934 89487 =100=

CFM NIL K
SK

- 12213 kHz, 19-03, 0707 UTC, FSK 50/500
- 12213 kHz, 19-03, 0735 UTC, FSK 50/500
- 12213 kHz, 19-03, 0745 UTC, FSK 50/500
- 12213 kHz, 19-03, 0755 UTC, FSK 50/500
- 12213 kHz, 19-03, 0805 UTC, FSK 50/500
- 12213 kHz, 19-03, 0922 UTC, FSK 50/500
- 12213 kHz, 19-03, 0932 UTC, FSK 50/500
- 12213 kHz, 19-03, 0942 UTC, FSK 50/500
- 14681 kHz, 19-03, 0629 UTC, FSK 50/500
- 14681 kHz, 19-03, 0704 UTC, FSK 50/500
- 14681 kHz, 19-03, 0729 UTC, FSK 50/500
- 14681 kHz, 19-03, 0742 UTC, FSK 50/500
- 14681 kHz, 19-03, 0752 UTC, FSK 50/500
- 14681 kHz, 19-03, 0802 UTC, FSK 50/500
- 14681 kHz, 19-03, 0918 UTC, FSK 50/500
- 14681 kHz, 19-03, 0928 UTC, FSK 50/500
- 14681 kHz, 19-03, 0938 UTC, FSK 50/500

KFUJ RTHZLQPCAUJ RTHZLQPCAUJ RTHZLQPCAUJ RTHZLQPCAUJ RTHZLQPCAUJ RTHZLQPCAUJ RTHZLQPCAUJ RTHZLQPCAUJ
RTHZLQPES GMOUYPIJKZ OOOOOOOOOOOOOOOOOOOO OOOOOOOOOOOOOOOOOOOOOOOOOOOOO (repeated)

12212 kHz, 19-03, 1230 UTC, CW + FSK 50/500
K4MT K4MT K4MT DE NT9P NT9P K
QSA2 QSA? K
QTC1 ZZC K

91850 81786 44208 99538 14904 23182 36429 59810 76818 59291
68302 69071 38920 80308 83646 85655 64032 31188 36407 00165
84538 45695 29664 74259 15070 03602 70359 58063 58260 53216
50693 40859 77010 66428 92102 14783 31682 18467 12795 56189
05682 09547 04737 54379 67858 70599 31061 42383 45150 20276
79824 09475 03927 65405 35041 00121 63461 62091 50947 29032
89965 79655 40423 67026 44634 34582 13510 77373 84120 86684
26966 07317 36904 14660 30793 64459 03964 13226 22675 32701
57211 79026 46260 07411 34115 77499 94233 54527 51948 07880
02109 23278 90110 08547 43683 67183 13948 69876 64082 53070
38516 46815 11352 62742 55725 88339 52515 17026 73296 25998
85037 76862 38974 88726 79646 01137 48433 36116 15431 65936
60305 27332 93167 74920 66788 67855 37802 15489 93239 01255
26032 40445 25228 38155 99925 79825 86451 39607 52507 12603
15983 97038 96261 52929 18259 75973 50479 30631 84268 15706
08388 70613 07368 02124 70009 00890 42155 55862 51675 43913
79861 02974 08138 70882 38677 20310 28220 23741 92448 72795
89936 34527 86208 84783 86023 96780 11947 12680 55817 68685
43077 11031 84420 12638 51032 09246 55084 00932 52428 41156
65759 42237 60227 94599 45738 08578 37347 73200 33334 67472
76145 87551 00534 48949 52224 17979 35560 02103 25983 16071
19281 20901 90370 37168 56405 43902 88259 21000 47402 57600
47888 62642 12073 58058 09812 41014 00736 50543 43785 97056
53926 91820 79034 78832 96590 04831 96340 95684 77671 20399
55375 48681 91052 25695 55729 29506 38785 24112 55073 05001
22537 36264 92880 29537 74198 96783 93153 52408 61593 26598
44599 12425 30220 85395 81669 36910 66962 33948 14934 87275
96720 60983 84193 18362 47878 54294 32792 43744 47563 20783
26559 24176 32625 85106 65808 21369 87278 95417 00000 +++++

10861/8187/6939 kHz, 05-03, 1015/1025/1035 UTC

71951 43781 60727 85347 87417 15184 79028 37876 28127 73825
71424 14467 77386 17944 12682 81792 07783 81652 04200 76024
21054 52998 58062 91843 36867 36652 04239 87169 60228 09663
63107 14553 82178 43718 50502 15158 93487 92344 07474 36294
16016 66488 71930 58402 81449 46912 34375 42470 12075 06844
44905 33779 83299 43315 63667 82944 72597 40640 71963 70180
24562 14446 86183 43718 86770 09712 41757 08325 96122 51259
39320 24861 20373 70104 70262 06805 84505 54141 63873 24691
36677 96571 23242 54395 33390 40527 42125 30204 48593 43319
19956 88608 36392 08762 17180 13756 02071 60989 18123 20499
61084 58224 93548 96103 00000

47509 15041 62989 19531 38042 93520 30074 56425 70002 91451
13793 62424 22468 93353 57415 32268 36094 12347 50748 10961
90772 97186 59012 06908 15026 97968 45176 72325 31821 13984
02930 36876 70507 72126 42498 05469 99545 09308 96468 56151
59732 57319 37826 99036 02596 53562 27384 82211 63657 26102
32797 55545 25241 26479 86341 28346 48523 08700 73657 81814
79511 77869 70629 22203 58627 56879 70601 85649 88602 44608
69116 30598 40351 64060 98353 78763 01524 23880 28469 90564
97427 97081 00000 +++++ +++++

10861/8187/6939 kHz, 06-03, 1015/1025/1035 UTC

42153 98802 85438 54635 01045 61901 68658 31921 06192 45193
92711 89283 74090 68139 14847 87647 57776 12985 06608 61372
87224 95499 51315 24398 93830 56136 43596 86646 86164 07537
70648 79112 69171 99314 79941 11082 24033 86073 63017 07925
90842 09575 10105 02879 21317 31008 15208 81284 93701 74292
36388 00699 07080 66361 40891 35319 97256 85340 89836 18166
41420 52590 42146 79453 43750 29520 82385 04599 19183 05136
02237 60278 17496 85239 90256 62010 54923 19231 09633 81663
45467 25445 68610 18348 49115 00955 13284 81128 79129 26798

97439 56983 35612 04537 09141 62459 57526 85110 58725 02457
10359 75911 57934 84574 51618 37018 44827 62469 41352 02525
34192 06644 89867 87911 98134 26124 59851 69384 06519 89451
65071 46121 81969 18420 32841 21372 49111 53019 22451 63339
82728 10993 16739 31788 84541 90470 28989 81304 43284 89104
92358 77164 57771 38146 24008 84730 27636 74893 81122 18319
41433 01974 51017 60485 16802 06859 42517 87652 72348 40085
70788 63021 35974 75603 52812 82711 19302 01683 55697 86055
12913 15832 65011 65991 82066 22155 65310 40496 67598 54586
50073 70986 21678 74446 03215 38628 33125 15743 19366 14500
21954 76673 55112 84536 07854 80750 28380 15196 82271 55992
08150 70790 38807 05626 61690 18406 41587 68716 51504 81370
36321 94193 99163 27181 33715 76679 58225 00850 19942 27580
63423 39597 73844 79860 48313 29824 95572 49956 48559 92313
76319 05244 33060 06590 63874 10525 30088 10373 03655 51939
40636 35073 59915 61769 56163 63256 46819 92549 22919 19014
24065 13941 20038 27190 36748 30788 43589 02389 04147 45805
13776 53701 87125 15342 47459 16099 88835 71630 63210 44419
68404 09996 11061 30891 72303 64430 44156 32130 13078 19993
74483 16545 50122 35458 79872 68087 52205 74656 54456 07297
46408 69947 19770 15558 83185 66254 38687 73523 72223 19106
99374 49634 68781 45118 61449 99670 15222 48355 81538 63283
67390 71008 60414 68430 60551 41825 78899 79658 94567 20733
14738 51175 42997 63092 57593 70643 15805 52013 64398 04633
30382 72178 22212 81669 70546 23605 10784 73820 38220 98787
82019 62758 27470 71658 98521 01222 75604 71799 98407 05836
71002 42344 78572 42215 22368 05013 13611 88283 19101 80711
52559 86758 37471 39136 60664 22739 72270 75813 98357 87314
98656 40030 54618 13159 93840 62068 76929 93030 73346 53201
64994 17118 21487 76880 20412 90171 20789 14544 69500 14362
10007 74504 01448 48795 25459 17329 88988 81620 05339 96165
83777 75686 17069 84030 00001 +++++ +++++ +++++

10861/8187/6939 kHz, 07-03, 1015/1025/1035 UTC

95236 20624 92889 90284 29583 72668 71006 51876 00287 78505
54639 06639 78861 04067 90320 46578 97084 42008 85147 01309
48606 63482 84420 19955 67212 53222 65771 35576 17692 07599
48242 04299 60228 00366 39740 36333 74277 45764 71306 61085
52843 13676 91646 93533 03111 76519 20340 94057 14355 92564
83190 38916 79080 55369 78136 43560 78320 64009 45168 05956
67025 93804 38681 62125 20496 72209 25716 71076 27785 89579
58510 71312 43007 99478 94802 76116 30504 88231 64334 99790
64784 18396 04973 32036 71193 75855 16904 02674 18240 99089
00000

20010 89422 92154 40910 68985 99921 77733 59125 36188 39113
02369 89663 45497 67869 52820 53304 10751 80073 96918 56266
73369 09451 11465 98450 87325 73212 94212 02099 06183 25958
27119 96792 51855 22266 83050 21749 69810 11415 93139 31325
00370 12668 16962 14695 20822 44566 82748 65615 38015 06662
89788 63233 36131 37124 90241 49859 09322 94672 92521 16659
33892 38255 53454 33184 59728 02923 51389 81695 25646 95328
57465 82203 28357 57299 47190 19172 99727 70903 19563 05821
72038 03469 15881 46958 35906 15972 55457 86288 20580 83247
30411 49137 51283 99453 26734 16508 63293 67219 63809 91440
77448 93935 69574 43584 66768 01105 00000 +++++ +++++ +++++

10861/8187/6939 kHz, 08-03, 1015/1025/1035 UTC

Null message: 5761 00000 +++++ +++++

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

47993 13611 03659 72303 75671 58663 56667 48252 70766 15096
64604 21799 32727 20553 92724 79361 69302 67078 42721 11799
21781 71051 21174 50420 13763 60803 96376 44877 09409 11599
91987 25150 92091 82662 90925 14799 99402 35950 47965 87665
75439 41341 34453 85233 26319 97948 63599 36807 89847 26224
69766 49716 55289 10553 40200 61728 94173 97033 22641 72854
88069 76105 57253 98734 64275 04738 06306 12796 75351 47857
80043 69365 83439 43693 82191 24932 35309 22744 23520 99731
39057 35043 76919 46864 78410 65407 72413 21104 25560 41369
55547 64614 38470 63468 57602 51742 53595 12590 51054 60081
09950 14051 88730 59989 65456 63103 50092 39757 91520 41556
43079 08603 56764 80193 34970 44687 35860 46685 10673 80339
04396 63672 81900 41675 05714 86712 95659 84795 00664 96781
15493 95754 36195 87009 73918 46489 93744 48341 19490 23888
03340 83817 06932 74197 34362 06146 03767 29939 98914 98271
11900 11543 28715 41615 27568 20873 11470 41676 88111 68829
97655 05691 79002 04227 13644 52023 99556 36127 42119 55986
10784 66814 55715 61770 13797 77607 14808 15184 32226 34688
65413 96863 97079 07134 98114 60684 57479 14353 53968 07009
65709 45092 88308 45505 10029 15223 28417 27195 93662 56479
85959 50429 83434 53337 10158 70472 76454 70237 92619 67400
58321 36315 59757 51970 51256 79844 13755 14177 75624 29573
08000 44172 73264 25143 67924 80226 66078 03780 93197 63441
48313 55433 02205 03875 35964 63572 04743 87791 21749 73803
13879 80704 09093 57513 32912 05913 23541 62718 78357 03206
25059 69304 24921 97441 69650 90855 83364 31669 93722 90245
47232 44489 19649 01191 69360 96340 05958 72945 54105 74408
90585 80332 76230 30817 00642 66287 62403 33825 27103 09112
96207 36692 87898 31631 32649 93904 27805 94413 33054 79459
28592 40282 56328 86878 27872 82263 67491 15657 70063 52198
49443 73817 37933 52168 28881 51270 38131 75954 52321 43656
39178 92696 73152 31373 85324 09948 35663 43461 34727 58315
66982 61036 95382 64863 12856 39964 57247 07480 78226 57465
43993 67382 58519 12325 32821 21964 72599 33408 15787 45146
33317 76162 01061 07453 16600 11797 77575 92964 15007 38824
91479 75370 86697 71650 07851 20276 35749 85910 56103 05975
84755 25220 82518 79862 25657 99048 58343 92685 59716 26390
16897 77805 62606 04918 18112 67674 35524 10325 63958 64701
28285 55517 13186 08703 45314 64367 68816 08120 70502 39695
36829 27201 71833 30188 79474 46315 71742 25921 11657 37611
94126 37185 13815 23187 23964 36305 59751 07971 40460 67128
82838 04493 09664 51878 29034 91745 47507 50062 70163 02419
00000 +++++ +++++

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

69896 21902 81900 12061 90189 24907 81102 11283 13985 40413
31797 83204 29019 08630 17720 34956 88206 55447 49835 03952
66577 70820 27023 05070 15949 75930 40612 97084 15806 71297
83702 73011 43798 83038 51208 04071 14310 49456 41558 91955
58531 15152 95998 09082 44475 24844 36427 31517 60362 34075
87701 94271 09837 79006 95361 23643 92426 72486 74688 26294
67697 18566 52063 39764 26533 62662 84534 74082 17990 19560
68558 99194 05147 46425 73824 57868 48399 53028 63129 08779
39636 66364 84209 29458 35727 91847 44496 03087 00000

67769 25810 00146 26695 29807 02297 99909 41359 28344 51036
73797 11262 27738 35210 19628 10044 93923 48126 97176 77771
08168 75784 09763 72617 44214 76341 70306 44900 57247 18650
62798 88176 58095 47075 35113 47075 71144 64764 84114 86550
99365 52562 18976 52254 44913 65753 13668 76702 58732 75836
84535 10941 17603 49491 53920 86374 52058 81948 85746 36466
73632 26941 04022 32988 74849 90419 30183 16505 00408 80236

00235 25792 12998 28959 47594 55854 02183 32025 62618 99260
09777 68418 64706 50454 70181 96044 47956 77744 89079 39008
86280 92661 08965 08966 08938 71363 34913 27755 82414 07776
19048 43476 59585 03162 27140 57217 82101 04107 00000 +++++
+++++

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

66499 44195 71722 87726 00257 53689 40987 34341 91320 81690
57992 72230 84430 62327 20501 00826 04838 37357 89813 64207
35812 12460 15986 95924 36483 15190 71339 05319 67199 90529
71965 03784 14596 94970 91907 94410 33558 75076 99694 73444
48259 41448 71942 17001 79482 74042 63679 51466 90384 19769
40103 31031 67911 68321 99453 70791 82048 17154 41680 08850
90083 61569 62601 95861 78080 70831 78242 35459 56750 36258
09030 23988 53896 02217 78541 63004 70637 15977 06494 42962
93583 57338 00654 21521 80156 33989 77366 44932 59241 53520
65381 85921 14362 08038 72666 96513 41561 32313 20902 99239
99168 21400 77330 65156 91666 18671 38665 52122 54807 10189
46734 01766 34199 86380 40543 18575 74535 56912 74467 79566
61651 29746 57225 47947 84603 90275 91357 89221 09955 41512
17871 13181 85459 91233 95745 90200 15318 97047 71004 15300
74214 05301 15004 18391 52305 44775 36665 44152 48351 61103
98312 49974 53183 02850 89808 95402 90686 95182 40685 21534
08496 62087 74947 43775 35580 83049 38238 06432 48909 95147
52058 72544 16397 76494 74718 47417 08292 71962 73724 59277
94219 47134 39271 45498 68053 81412 93536 17828 67805 36224
75469 05059 82728 59262 05743 96576 64802 10705 61583 35225
86814 22335 16142 32925 14204 25516 22106 07483 82858 08946
44237 64034 00067 92142 70524 69544 10790 25580 56632 93822
96465 53426 83345 15467 98507 99820 31680 16202 83708 64615
05368 12018 93718 39534 55381 94573 45796 80672 86206 81291
77018 98291 48533 97571 49132 49826 48065 39582 56234 47057
25126 91050 02484 13380 84759 92492 42005 52110 81995 86329
98196 11763 91991 86307 04618 59232 19717 44687 34648 96835
28874 15609 12098 84127 94754 38100 19969 50447 10700 87141
49541 09114 02865 66237 56991 09236 32971 39933 19701 86041
93737 29702 09473 95687 26668 21659 24824 45480 16898 59521
49547 55438 44773 21262 29735 12146 98856 02893 86440 00828
80048 57815 06177 26581 51505 65173 76431 60708 14053 25646
58391 73084 11766 08123 14060 36496 97420 95694 29958 13891
12490 04397 04592 64475 61382 73140 91879 29598 84605 48284
17726 84355 60540 11261 11919 65853 90517 22708 22558 14075
46888 81553 05182 86275 88755 22460 03791 30855 75087 00103
65956 31639 29869 33694 59193 58505 38993 10198 80796 85301
83581 69673 78313 60978 39420 21194 22860 44887 97185 62756
02441 42174 83173 03639 27492 00212 85190 12641 65811 51995
13319 40632 49065 17463 50224 90860 18076 98649 70706 35448
99058 29635 35176 01520 28007 67208 86742 05407 00000 +++++
+++++

10861/8187/6939 kHz, 14-03, 1015/1025/1035 UTC

81995 78680 25167 51185 48216 37879 89229 88641 61310 39362
11371 46305 51105 29211 32480 48578 33141 27787 42626 62101
97035 40278 28267 96769 55326 19676 80905 17787 47492 05642
85146 54697 28842 87680 28334 18319 98948 66073 98958 61529
49323 09000 66020 44835 35018 29291 56541 92667 99837 29246
73398 51330 09854 86955 20692 84555 74909 82563 28807 67586
62795 87911 96376 65733 35792 67995 91327 08351 64265 67680
78190 94142 96993 82101 63872 88770 92924 34201 79070 00677
44047 07823 37519 46068 44062 09822 40256 38994 82537 59602
17096 67470 69247 29546 22499 41563 18370 84749 28019 24392
47232 95519 78524 81975 69300 21058 04377 06107 00000

89515 08560 10376 17206 88973 05134 43882 08907 23285 30638
15643 61463 17626 74108 61633 83733 36185 30971 06422 10751
90041 11192 47666 44929 36942 06896 37961 84082 15155 30399
18746 09703 78598 58589 85948 33926 25420 44583 92054 28623
37226 82621 14288 85067 71141 37108 43595 77600 71886 71758
74118 29735 96064 39781 97839 06142 65841 21022 34093 78956
94207 17035 48625 41832 49013 39986 41896 70186 47951 56353
11303 51081 01698 71339 17021 31165
47371 64953 06141 07079 00000 +++++

10861/8187/6939 kHz, 15-03, 1015/1025/1035 UTC

Null message: 5761 00000 +++++ +++++

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

29123 46671 65421 85444 97979 53161 68579 53095 87245 13051
28296 15428 29658 38920 26984 57031 85833 97217 88652 31825
69684 54051 01639 45427 03997 71867 95719 09491 35882 05435
15813 78956 66774 70592 59449 08148 76667 84184 70195 86654
47281 98621 04229 40941 13830 79517 12236 12606 00109 99814
03841 49248 16552 48868 86729 68866 25975 79898 97675 83726
06683 44260 67649 94647 67618 85968 88189 91624 95262 94916
71239 21747 36949 42222 19620 10332 50296 46134 50343 46223
73445 41955 37940 67185 95775 54395 69995 06331 33806 95806
32078 85524 41954 38739 64253 66696 12845 36244 56368 96997
46867 88374 74286 08750 95641 78310 34272 60110 09113 26552
67709 27403 40938 36617 43332 85038 91865 30678 39170 33981
95787 98581 81384 64677 78157 08682 92185 65401 41456 53925
14021 11948 57397 31634 02225 99602 70564 80410 03301 03351
43147 22614 61050 77225 95494 85836 17708 28773 22143 01826
02298 29539 88030 06279 23366 47539 34569 87964 08317 12628
50263 60583 56497 50722 85581 55837 98254 47812 16734 61109
77132 29689 88082 50226 97393 68335 87835 80716 04075 50914
36743 56009 87734 72290 94459 76014 31108 37028 13276 24523
39834 81798 93895 66850 24458 54127 22959 56184 25891 08441
96980 72052 01507 05324 62410 39356 14083 24939 26493 01420
90748 30552 18611 45462 44150 43080 06809 03968 73003 12625
99176 80357 84233 97902 84790 72421 03879 89535 93883 91942
68957 38120 81944 03951 17477 73016 67438 34035 18771 22806
77813 17172 11361 73338 83507 86482 40527 24320 24627 25381
12763 30370 59986 31529 09326 37490 93200 66052 26044 50879
55520 86439 31593 95038 50082 86578 61406 52091 87284 92356
89423 89266 65953 86261 44855 11488 80004 59427 66159 99980
55275 14557 09407 22870 46227 68164 53233 28673 47188 25564
67554 58654 97847 27064 38249 38951 87660 88770 64973 38433
88880 86476 74319 03217 72884 56041 15485 03778 89485 08719
30654 55598 13928 84863 17269 99291 91237 94447 24391 51128
32632 17839 50321 59918 43655 65269 33687 31172 88757 18424
55167 04492 21969 02612 92050 95111 38387 62923 92819 35546
26147 42842 63930 78268 23569 88729 85995 45365 11169 28630
01547 36092 93218 98821 41569 28292 48548 16570 82984 34582
55267 22501 54290 99278 19107 41044 31521 46970 60058 32383
91739 18696 36999 34341 16220 56652 14998 17648 60543 23383
04981 03024 33761 66366 30451 13520 53833 63958 00940 60545
71528 13620 96892 87022 79956 48366 95662 16117 51947 92374
93305 08401 00000 +++++ +++++

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

13096 18926 71469 78734 00606 76786 12252 89555 36821 06199
89939 75945 82647 25324 38576 99307 76039 53611 78716 53996
21653 53755 95986 03856 92294 32745 15051 95811 15643 69175
04926 30206 44645 59013 76586 92548 35056 97020 58787 76392
78533 35993 63045 51999 64742 91030 73727 60500 70901 81011
24158 38232 02204 24458 44717 00935 31558 31986 93836 42498

12086 62527 07846 27951 60799 35504 30610 85374 36923 16150
08879 26424 63270 16164 64304 50163 64128 76881 78057 09872
18086 09081 00000

50717 23201 89190 01591 23715 99333 49319 18209 79946 12497
06700 20646 58359 78591 21669 89749 34078 02607 41027 43786
94691 78812 92740 80666 95155 84015 45967 46834 45993 37314
03604 68760 14489 24804 19539 07960 43548 12656 57806 25492
17932 97012 35814 66862 32535 64138 18843 03283 42404 59261
58007 90202 99182 87542 88857 29075 03665 95614 32812 43277
29160 07121 68611 04131 95333 10701 65983 67954 97231 23844
98690 10092 19167 81077 79177 66848 88153 19887 81967 21279
46582 62849 48036 93753 48821 19376 87311 23252 11429 55535
21522 50319 71667 05376 34550 37611 34011 22187 22505 88984
09315 93140 60681 10103 00000 +++++ +++++ +++++

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

65299 57156 11419 61054 43064 58335 66102 13491 75637 49620
46931 51278 90883 47938 01600 03189 59211 13026 42242 72165
81631 56458 34325 98494 99394 58584 25077 20738 92397 29312
91164 32857 58547 73680 10298 60963 91270 48151 86436 08138
97352 18561 83308 40753 22298 55670 45913 14733 75398 29256
14698 65201 71694 86659 62100 07936 33018 26765 06141 26080
15306 05309 80754 40553 54373 32484 67545 87577 47320 48763
18659 51779 11791 89884 25451 28293 90226 76930 12648 12305
91348 92445 62679 39478 86024 28529 99878 25690 99714 17831
89229 79529 68692 83400 29355 85979 52225 68319 44428 84732
17890 31058 04702 91569 42230 17487 30329 36248 93923 45494
58186 15324 91669 63131 76358 83360 53956 66234 55996 30946
82919 86457 35218 22969 49468 85645 34756 95588 71869 17504
10026 35326 04970 42482 69307 88727 82261 06822 12725 76032
77958 21700 71726 07276 81279 03409 53723 24280 00135 60506
21604 16952 36380 38882 62795 87342 99857 60664 27562 59894
53379 17915 41231 61318 05861 07049 20032 18534 95790 14911
45235 48122 32211 92452 75277 35706 85411 76938 00571 28727
44518 48636 70663 91020 84156 32906 48463 92657 07397 83639
71187 33476 57143 08994 22748 23733 13179 25331 47246 70333
17033 50335 58265 42055 91873 71213 23660 12224 49609 48942
30511 02256 02378 44480 59951 74525 20621 77890 26537 47985
04935 56318 61861 34973 63863 31744 47094 22655 14851 74465
24129 47529 50516 73237 40037 36434 37453 98010 04510 12501
39730 86205 64969 89483 84296 38454 29053 02905 10460 34762
89140 51455 70633 07008 28623 47087 74552 28731 14598 97232
94116 08150 06675 67591 71083 95324 36583 98920 94765 39434
38272 76269 41943 57074 33180 74088 96171 97539 00370 25657
88668 16008 86214 90264 27967 90577 33327 16585 10535 44084
33403 25677 29529 56646 33690 62049 23888 79866 51748 86241
34942 88634 78208 07328 62730 31459 72192 78813 39211 65278
79112 06345 60558 85678 25511 40670 45722 88462 70637 54294
13450 23494 19463 25259 94950 26778 26793 76498 24395 41695
47191 44186 74425 65327 10388 73534 28886 80831 26867 65462
09936 61775 53308 22593 01753 59387 72591 67991 37998 08657
68033 35103 45248 14213 96544 52315 59561 01932 90414 70592
58384 47202 42380 07605 74971 15788 53697 06810 87517 78226
49876 34902 00180 83697 93792 66088 58185 04309 50835 26611
64206 85719 85804 97965 88192 65058 96228 02245 87849 42056
11799 18051 81946 14347 14599 00412 43647 12858 59831 03138
06044 98240 01708 27061 97087 04276 54216 42579 46104 39180
41429 59973 29071 80770 17054 45897 44859 26407 57906 09507
39617 11421 00000 +++++ +++++ +++++

10861/8187/6939 kHz, 21-03, 1015/1025/1035 UTC

86502 72337 22725 67478 14035 79343 86416 38919 84479 39467
35017 64306 35760 79596 64369 04872 59069 55872 31022 97627
85828 32215 63646 06214 10682 39041 75332 76142 36456 41835
25210 36622 52040 74268 02810 16151 79104 15567 33631 64071
48608 16796 29327 95262 93032 05765 30960 00172 65268 25223
18762 87358 20105 84053 86837 50752 19254 26142 06240 78800
45844 46599 24868 47699 39328 10047 77620 65894 86734 50632
05233 62039 31212 58475 05250 33597 83781 12077 00000

24110 46544 15330 91965 11863 85767 06617 88613 17927 39110
32866 39699 83383 70737 83721 12556 15480 44796 94446 31138
47150 66743 71311 96695 09122 87665 31919 83149 75569 76260
83905 24369 69235 88200 90468 35527 36957 87534 96135 35727
31548 99826 11236 64083 60959 01733 78490 06451 90672 76679
70179 74983 10239 91343 89304 07713 99925 72633 73197 80332
58399 89822 23005 47382 77373 71574 07491 55007 74170 12492
14598 92492 18137 48923 49186 74748 11833 08688 00417 72947
12953 64408 27194 35490 07902 45159 35111 66486 72971 86088
43337 53951 84051 20720 64888 64890 60814 45627 48709 49468
56303 12142 57008 21447 27879 24817 76293 07082 50445 51305
85522 79659 57893 73352 29834 13115 00000 +++++

10861/8187/6939 kHz, 22-03, 1015/1025/1035 UTC

Null message: 5761 00000 +++++ +++++

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

95134 99768 30693 58679 63406 25891 31906 51655 32279 37384
60851 32978 17869 40187 49051 44414 24781 11215 25490 27925
23062 76843 77786 75300 15085 41105 61909 20457 15818 80768
46357 04106 94909 49515 01754 65470 54022 58373 71787 40745
37866 24613 86438 72971 02352 06287 03429 63038 88320 64602
88829 16473 74268 21314 72769 65729 06518 03317 41175 72643
30264 91647 49487 40760 69941 17052 69283 92205 32346 69331
03754 88796 30938 12648 32954 02083 54788 23967 74790 61996
30579 96833 72655 38801 51116 77675 45671 38038 68780 26804
62457 13137 77352 21314 24380 25394 30668 42063 69207 06010
71508 11927 31113 99849 69199 77503 17965 95641 89325 51467
91834 72280 44023 57749 63675 15943 96267 46748 38082 87675
16605 72735 69103 46171 15766 50661 13017 55406 01588 34547
89014 31824 33705 84633 83737 10759 74412 15505 60599 36789
59173 42340 59824 07699 35185 67503 00157 26743 41449 74661
18152 42898 28790 22592 06023 83796 43243 55900 33940 11010
21264 74813 67753 52399 70193 31239 18059 91189 32408 43291
81547 16482 56606 45450 60582 64869 24656 16563 71931 07858
07449 52858 80597 64780 48193 78168 19689 45873 96589 08551
82254 55229 42320 13485 96037 08298 21292 40841 17072 43619
93073 97810 03064 33485 12958 04975 52495 23222 47093 65705
20394 53760 04118 18093 46694 47205 81735 61572 58134 60073
51671 75447 29627 33902 31443 71496 16043 97898 16385 47852
90336 03338 70364 36329 48963 94379 98627 60403 70510 45001
51215 46023 38501 16731 30370 52435 64282 16869 00402 15223
70957 61884 23419 18734 24289 75677 69383 40096 21507 77388
73915 31996 73973 38449 42293 36420 44625 13557 23076 46538
26141 75264 99801 58919 70771 06866 74181 83265 07763 33282
39237 01853 09318 94604 65822 95871 91031 92019 50952 80843
57729 60770 01392 18309 30664 49869 50938 95972 16990 13222
34824 93495 07460 41878 69696 76111 13287 92073 12590 83274
78100 88765 97351 04505 25938 09344 71937 59629 31210 77201
85024 25611 21573 19858 95383 77140 49655 71325 02441 33188
94560 23392 21459 26700 79102 55524 51805 39627 13691 98072
11698 70469 02822 08454 37917 26537 75102 65026 73879 58091
22742 08311 94536 76584 61464 84277 41523 24153 46754 69358

67001 86579 07405 81895 09629 66893 82268 09698 51096 61807
71190 08396 26668 08168 36017 50294 88166 91617 12657 28387
42829 34654 20108 45248 16489 06261 77389 41467 14506 20320
64332 43320 78887 14972 87148 34376 65043 30127 34719 80702
86599 25307 36554 64390 01727 04999 58337 05045 39396 43730
96013 73974 89026 28025 54349 30726 01943 57450 20900 36679
78087 71927 71323 25378 36425 97503 66984 34287 92474 14429
00000 +++++

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

61401 08769 43708 62270 66138 24372 53093 24943 52655 94907
56377 98589 28014 12307 71295 37288 64626 23755 34428 02247
35010 99236 07695 37993 11490 23796 08373 66243 54281 31680
48595 27129 36380 24574 95256 22478 78721 41098 86264 40834
94010 69770 64082 68897 62704 22605 12486 19086 89540 11548
07492 27890 14079 94930 18368 04723 73690 86130 19695 35939
42407 41629 00393 73722 94111 70644 80652 64519 63458 33541
72727 96717 03004 21197 46499 72244 59952 32506 85774 31778
20979 92222 46232 88266 98549 76320 50978 15087 00000

02055 51107 04843 60552 22500 15594 54508 24611 19421 73091
55175 37501 49909 47015 88744 07821 27429 32104 40998 99895
25744 32794 87209 30607 06764 21217 75908 56927 02015 63270
52966 65128 02398 86191 93210 97578 35943 86065 31737 78081
38240 98723 12128 21680 45227 82448 93737 39878 63035 85937
85263 77208 94569 99955 96762 40079 27513 16121 27314 03851
13450 41254 30521 09070 92782 40727 25025 82801 45146 09264
42226 45993 69986 92608 28406 92819 27012 08520 43424 52927
91192 40513 23191 72534 01997 02795 98088 75314 11550 99827
84548 16091 00000 +++++ +++++ +++++

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

20158 45342 13748 89417 67051 32052 68194 64488 48303 26283
71689 06065 88690 50822 07671 53862 74468 50290 41017 16146
41275 49440 03278 64597 92218 62327 32287 01155 75827 00803
08363 07758 78544 55752 54279 14954 11470 49538 91192 50271
96016 83059 67710 52332 78193 25881 04296 61611 26178 22872
20190 23804 90883 15780 35043 66724 34200 03186 62436 36671
54594 87273 37490 05214 64773 80858 45736 82319 01069 73102
45455 96766 69261 77356 00651 29781 56512 09577 66861 12833
64097 70739 96985 25532 40623 31696 59321 54557 20432 43912
84993 99554 96855 24515 86970 36956 85031 89106 17840 77634
53950 30758 58555 79351 32430 68634 55313 99921 18706 14691
46771 02046 48321 31870 48783 45731 00002 82235 88842 29255
44213 88497 07416 64597 64072 57338 68364 98285 03323 38004
45630 13583 21031 14584 78384 74967 57726 55416 11813 00830
42641 68066 65742 75331 96757 33301 98276 35365 11342 16508
56652 93539 06654 79997 32474 83154 00521 44617 63543 36064
41459 74118 49454 29409 86038 80718 73140 62118 25168 75288
45576 47140 88999 10610 15802 30335 85126 91133 13472 71960
49777 47682 16109 51697 16679 00528 58252 83142 33288 59290
24695 48718 79068 33085 94973 90922 65513 49366 31338 20869
22585 04898 27344 30052 01275 97287 59293 16262 46961 10532
07686 59608 23255 52994 40879 09574 91023 71268 78147 69043
72273 88356 74314 86234 53590 39597 93163 90491 08809 04792
61802 32849 45619 59954 23167 17326 05773 97131 28869 33881
73606 85721 39548 28959 72534 73739 24947 74580 54235 52461
80866 21898 10190 32877 05213 50164 60273 07412 00311 47052
98089 95322 93671 81248 97723 95232 94411 53287 11613 93235
27495 35524 14220 99991 13003 37227 71186 15278 82605 55687
38675 43409 50430 99310 22561 07978 80512 93619 52184 39350
18013 06098 48335 33348 76396 50822 90167 04568 97754 58820
10727 82754 28452 25086 75771 25693 77305 68189 25597 47029

48463 63429 84517 82479 66173 35451 67726 42844 33648 21277
40199 27293 93182 39687 07335 95321 79740 27884 42030 20856
85184 31375 77855 76906 75329 58022 23045 24239 27024 32186
74961 02480 77437 09906 39747 47101 02742 41048 86834 80727
68367 89372 93005 52186 18043 46441 55691 21759 93779 00314
80202 16060 04005 44962 70558 00973 82031 41352 78635 46105
02037 66118 91289 79173 44762 08774 60163 53767 30093 03394
03848 78938 58731 05708 37105 84036 30132 51543 06822 17237
28901 57551 39389 01201 96830 50155 29202 94296 32774 33657
22949 30832 87539 17403 00000 +++++ +++++ +++++

10861/8187/6939 kHz, 28-03, 1015/1025/1035 UTC

18312 02841 06467 37066 15129 69364 78136 24947 73562 13607
44395 04804 32376 88837 43829 05786 93356 59132 47577 12368
97790 00540 58906 30990 03443 04688 24993 17740 66700 08272
78113 53002 59583 96852 48396 74023 76305 56417 15359 01320
09073 71124 90399 19874 97814 90682 47423 01052 83514 15793
43814 76180 19855 75093 98917 97724 22843 92052 22233 48995
63113 65231 08500 88335 30596 10373 41868 38711 26236 37732
76333 58656 60442 63112 84634 55494 62978 76020 92794 26791
33951 13391 42489 40960 90605 18085 00000

20965 25651 49697 06327 63093 98148 70191 42471 30453 59456
55815 48746 66171 27628 83928 22367 83440 79241 65522 33800
87115 76152 72735 33062 48931 60308 06688 57670 91014 90071
72846 78189 57387 16487 56088 42326 78145 22917 12665 03477
56000 76508 21245 44704 29871 64897 60224 34050 95215 16620
03505 72138 85787 28640 51899 17995 46504 49450 42384 04037
52120 91179 02366 76152 51386 69130 41149 19817 41379 92206
95812 58182 01707 52655 73652 33079 43251 88556 58405 04861
51158 17509 72420 32040 26751 64948 11989 16640 58052 35524
97988 19091 00000 +++++ +++++ +++++

10861/8187/6939 kHz, 29-03, 1015/1025/1035 UTC

Null message: 5761 00000 +++++ +++++

F06 – FSK 200/1000

Link 00000

9064/6923/4565 kHz, 02-03, 1700/1710/1720 UTC

11611/9425/6957 kHz, 03-03, 0830/0840/0850 UTC

11100 00000 56127 02085 01739
29027 41800 64633 51988 71420 90510 63678 83562 05477 13882
06825 34939 61574 95422 44693 99623 84267 18035 67455 81767
35795 75312 30070 66110 64533 07548 01061 05592 61823 79627
20759 56337 55619 43017 79960 14679 14389 49009 54927 35934
59701 05432 59679 39591 10953 94001 01506 30620 10648 90507
50634 91583 03698 55014 60001 25228 69142 84273 96058 52259
27772 43530 66546 93975 74046 19909 56184 94457 05782 64571
06205 61989 50020 15830 98672 34410 08532 20406 31528 98078
71386 95021 95291 15137 72020 95509 87359 38762 82251 85628
24845 21095 70675 22778 41885 43533 72869 02788 82357 24074
46856 30986 23946 81393 12260 11716 94495 60352 96586 73500
66585 48617 37075 72044 41257 39084 11552 38241 56857 17782
96719 63407 83893 81959 77339 38889 91880 18035 54713 92273
99090 94094 27933 87349 41145 46625 46311 80038 19403 66183
56451 47463 15062 11667 92371 32353 79927 07896 82143 69965
39772 06173 69468 89715 71237 12527 73629 08700 38201 13319
36265 59303 98560 52893 28393 18076 17361 42974 16128 28063
47208 85171 00000

9064/6923/4565 kHz, 09-03, 1700/1710/1720 UTC
11611/9425/6957 kHz, 10-03, 0830/0840/0850 UTC

11100 00000 51638 05090 01579
69655 43333 14078 57118 31747 91102 89362 65259 78584 93739
33759 88119 21412 71114 39853 29828 61809 10791 18779 87619
68834 47486 66267 25875 67981 01618 24122 27214 15394 44112
73029 00328 55768 79678 17667 49233 87388 65723 50020 33644
82722 09097 01871 75139 38027 07859 22379 88827 50395 30249
41696 45175 45672 48064 06561 91708 05705 66597 98791 89261
68329 18365 72640 42463 98556 12778 71921 29148 54390 58966
12867 58387 95704 03933 43643 11810 09629 53223 16466 47921
50874 66304 33242 74094 20438 43844 50698 15922 31125 49062
55906 38624 33324 30358 48163 00189 99472 37394 88157 40942
90651 47820 00352 39233 53750 46839 39533 87911 22629 26777
57453 71304 21730 98875 30513 47361 95559 34473 34409 64664
12491 77759 76700 68989 16324 97316 23217 79107 24031 68603
79252 36508 93131 04588 11487 58737 07139 76717 21558 51040
52505 93399 07244 55987 85510 28196 72168 45776 12529 14908
69986 86897 32114 51749 93976 90155 00000

9064/6923/4565 kHz, 16-03, 1700/1710/1720 UTC
11611/9425/6957 kHz, 17-03, 0830/0840/0850 UTC

11100 00000 96521 15091 01699
96872 62033 33307 20275 49347 97058 28246 76735 54059 00532
84525 49489 58502 45539 20682 71725 06132 11928 23820 93287
92826 87372 48697 44882 31656 09952 24340 39871 05633 50652
60356 74618 13137 59269 70151 13288 35714 22113 53218 68067
82911 04972 03703 10735 93865 79761 37422 76507 00303 58317
54531 46116 80662 81734 80021 17043 60015 38727 49229 99846
35475 11420 30571 00535 31782 72022 02650 74903 16751 78821
27963 65781 31269 44921 90368 59133 13533 78179 88513 19943
22215 15776 02400 93810 88235 01836 75295 85227 49839 81570
78150 48434 50665 10351 48729 51818 05482 01161 22636 01788
63296 58870 98415 37051 22506 74762 03937 29245 77794 79744
56219 50847 03449 79700 31915 96318 02790 21395 90612 67392
78412 62396 18171 58473 02899 43429 82252 03065 94720 86611
17255 67172 28999 68009 80822 00616 37813 37940 49129 82187
79753 87472 43117 19601 83393 84551 02879 90152 94381 28192
52375 33057 80829 94178 21670 29366 76686 70700 18871 30434
67798 07368 68966 20849 50322 26051 61745 91167 00000

9064/6923/4565 kHz, 23-03, 1700/1710/1720 UTC
11611/9425/6957 kHz, 24-03, 0830/0840/0850 UTC

11100 00000 94231 22092 01759
70266 23539 22665 96989 61424 69362 71399 85914 68155 92741
32895 96374 35265 01849 43790 65440 92516 42553 93660 17144
15813 48049 91912 90673 36902 31160 48045 35455 87563 49003
13736 15326 89203 94709 60181 88969 23791 95878 89119 58812
47087 24458 00997 05566 30096 47743 68682 50591 39670 75168
90204 13299 94218 80591 18917 55742 55449 04758 94545 31613
42085 67616 23558 81811 76484 45199 82278 43799 00118 90731
41201 66892 18823 04668 33926 50711 63786 83346 19169 48959
79184 00939 09265 05721 72418 04391 63625 16461 87888 26037
70565 30932 90244 43583 65949 40148 68034 42134 62090 14642
93712 57962 85345 86166 00928 08700 45831 90052 65035 39652
87715 10388 97767 40898 93502 95227 92001 14891 40772 33998
77567 99232 34784 14308 74023 74303 65409 00333 51341 10454
61811 99970 34447 34423 43318 12962 12532 19697 89922 77140
39104 30466 80853 55030 33687 73889 74645 27950 21120 40354
29153 89836 69394 36394 84941 57950 11963 39990 60500 42674
65456 32908 32699 43573 78753 89780 00947 63916 74325 28613
58473 60842 67816 92173 00000

9064/6923/4565 kHz, 30-03, 1700/1710/1720 UTC
11611/9425/6957 kHz, 31-03, 0830/0840/0850 UTC

11100 00000 58671 29093 01739
40573 10222 33679 49335 55924 37663 51573 78491 81270 67968
49768 46829 30005 47950 36608 42541 50398 30470 08897 87116
12270 51507 55987 49563 46869 73346 94446 13471 50926 48555
06720 64087 90794 84458 82237 87605 67628 12784 84402 99843
29537 94174 91892 46508 41649 12250 87715 42225 50017 36901
94458 40528 00318 61524 79163 51995 97266 43850 76270 52710
15696 05091 02067 50251 99232 67064 59071 99381 07506 31997
53806 84635 97833 34693 76376 11988 52314 21749 15312 76793
86265 37513 06093 00180 98956 21462 36808 51089 52551 46701
59383 96147 90221 54257 79804 44561 29352 62862 25790 80208
90780 58914 15339 98137 50016 96297 74594 87640 21362 60762
78466 29096 10888 78531 12438 96771 99187 73838 79007 84770
39860 05082 97190 98311 84648 34275 68534 77520 71179 09487
08064 45942 34235 64957 63616 00935 26501 68576 71982 88150
59718 71416 25312 27293 02193 38997 46199 81315 93577 68982
94908 86280 62890 24984 57160 84042 60682 41175 85919 24949
41304 77383 95627 32753 56218 29362 32319 48921 44268 23929
68041 93171 00000

9074/7648 kHz, 05-03, 0800/0810 UTC

11100 00000 15964 01026 01579
60812 95049 62976 31539 70201 23756 22634 47086 17341 21993
04168 94678 95838 21746 62200 95940 31370 14160 41304 92947
05378 36792 56000 66966 42541 79708 64992 28397 54199 71368
44336 01331 54927 30226 89207 51182 94437 92996 98987 28827
72000 55523 25321 29675 25576 87170 87859 91124 12837 04698
87367 76835 26276 16540 70876 21253 09581 73434 28577 32825
67468 86337 27138 79347 86157 97559 09140 03877 06684 16061
13309 44644 18228 52849 95236 57412 63645 17403 53276 63715
74405 61079 89307 73407 77097 78425 59041 54969 38715 02336
91576 52008 42896 53998 82870 69385 14305 33562 92827 77403
33346 62469 00693 07512 08403 13372 98424 37937 97779 88601
26751 92705 98534 33097 83585 02475 44403 92750 59496 00623
79980 54096 79908 53026 03373 26291 58739 44966 94484 51308
93140 73606 71138 53301 54047 19470 40219 63056 52207 95357
36023 78489 84393 96148 62996 47105 89478 97913 85064 81375
69055 79785 28725 42962 52300 26155 00000

9074/7648 kHz, 11-03/12-03, 0800/0810 UTC

11100 00000 24758 06027 01399
11863 59648 28052 94142 53385 60669 13008 82142 29304 18962
93561 08404 68206 02139 06196 22406 27818 25469 35427 62622
54985 70518 00786 60183 47703 14055 95067 98869 98883 65637
66045 92408 26552 37337 58811 64983 20152 94023 60972 45904
57654 57655 17847 14377 73153 64014 09879 55309 79639 95313
09441 12087 76636 37129 59223 47262 97381 33075 39394 47086
75259 35683 15704 30831 34143 76900 85755 50832 32364 06657
65587 94189 14975 72941 83784 22072 53999 41812 75299 07549
81363 80787 92157 57900 44190 54058 73257 32337 37134 02950
40430 91063 91468 10072 12960 36631 25591 70609 57750 33511
86641 19163 17320 16831 37924 85608 82818 26204 71815 78390
04253 25596 52852 18692 55098 95167 20673 73930 93508 06020
07523 63997 87275 13796 49989 38695 94762 32060 99662 49801
18972 71407 62413 66197 76948 55223 20972 27137 00000

9074/7648 kHz, 18-03/19-03, 0800/0810 UTC

11100 00000 59437 15028 00859
97382 45886 57744 86604 18146 33953 37977 80538 17967 15346
14086 95377 06521 44271 61279 03047 97806 37577 73042 92232

16587 00695 59614 04539 97893 18918 73130 03930 53040 81203
95355 59178 00568 28674 48965 43978 85576 45013 18283 84421
35876 30956 90442 08534 28379 30030 52889 77538 64196 97768
08168 03551 75859 31562 91934 83388 15103 03343 05133 03177
94656 62286 96254 93444 82479 99724 54651 39401 71869 93451
00809 76065 75892 73609 84533 22958 19559 77344 26990 38019
28204 84425 67517 28083 00000

9074/7648 kHz, 25-03/26-03, 0800/0810 UTC

11100 00000 85234 22029 01239
13541 81281 24197 98529 87454 35774 07914 06489 39644 86339
47003 24160 93708 58170 78433 66438 49400 51366 84427 28013
72998 36565 89333 61454 56535 94798 77682 61268 06801 06284
56879 71097 50075 17821 12957 56239 63515 43499 32838 08703
69149 78384 91534 76958 51391 29885 27725 37586 84045 96482
56158 51012 77706 48511 90293 68504 83515 90675 73651 82633
14199 10996 43277 38370 68327 45863 73782 47028 68743 15900
75382 70209 51073 12307 44382 65969 63286 38379 89531 14373
62220 35902 82710 64628 18020 51079 07354 70999 62420 19709
03077 09663 41817 76285 29928 93723 61060 16715 00704 28550
28906 69323 54773 74638 41067 53866 71842 10177 61801 33203
49094 10508 89966 87339 90148 86672 20489 64521 79272 50223
37183 29121 00000

Link 00030

19825/17453/15883 kHz, 19-03/20-03, 1400/1410/1420 UTC

19825/17453/15883 kHz, 19-03/20-03, 1500/1510/1520 UTC

11166 00030 52361 19005 00029

17845 00000

Link 00052

17428/15646/12153 kHz, 19-03/20-03, 1500/1510/1520 UTC. Probably from the Orenburg transmitter site

11166 00052 73195 19021 01339
85623 76815 90707 84747 89620 84308 19257 47165 26832 86262
16274 92456 38202 87095 37516 10798 59543 16502 86504 67208
43890 24079 32750 54061 24738 17852 13086 38436 73120 19318
12549 93573 75029 15170 47578 36140 59265 89893 86983 43130
23186 40236 59780 85371 43734 86825 93161 68510 73253 05807
93647 93234 02734 08095 57683 14021 34973 47515 31353 92456
13808 15021 61904 93193 82815 26572 03146 95806 97274 46709
32346 79368 07693 02126 92467 65494 28150 16987 79757 27104
53710 81872 63785 53267 90658 03936 27896 83935 84929 76521
89036 97198 40381 87475 05609 60184 30657 86263 81812 78610
40213 73020 69761 92835 35404 26364 03815 56982 56912 67297
65185 07210 19654 91360 25195 29181 19207 49050 35680 90232
43567 01156 45621 91387 63517 41872 25469 12841 96846 47471
89596 21131 00000

Note: This used to be a regular schedule. It hadn't transmitted a message in 7 years, it hadn't transmitted at all in 6 years, and now suddenly like that, it reappeared. And message serial numbers indicate that no message was sent in between. (PY)

Link 10053

20156/17531/13476 kHz, 03-03, 1530/1540/1550 UTC

11166 10053 13467 03001 00049 00000 00000 00000 00000

20156/17531/13476 kHz, 10-03, 1530/1540/1550 UTC

11166 10053 75321 10072 00049 00000 00000 00000 00000

20156/17531/13476 kHz, 17-03, 1530/1540/1550 UTC

11166 10053 12354 17001 00049 00000 00000 00000 00000

20156/17531/13476 kHz, 24-03, 1530/1540/1550 UTC
11166 10053 13467 24001 00049 00000 00000 00000 00000

20156/17531/13476 kHz, 31-03, 1530/1540/1550 UTC
11166 10053 14785 31072 00049 00000 00000 00000 00000

17445/12211/10173 kHz, 05-03, 1650/1700/1710 UTC
11166 10053 75321 05001 00049 00000 00000 00000 00000

17445/12211/10173 kHz, 12-03, 1650/1700/1710 UTC
11166 10053 13467 12001 00049 00000 00000 00000 00000

17445/12211/10173 kHz, 19-03, 1650/1700/1710 UTC
11166 10053 14785 19076 00049 00000 00000 00000 00000

17445/12211/10173 kHz, 26-03, 1650/1700/1710 UTC
11166 10053 75321 26001 00049 00000 00000 00000 00000

Link 10075

14983/12085/10169 kHz, 06-03, 1300/1310/1320 UTC
11166 10075 13467 06001 00049 00000 00000 00000 00000

14983/12085/10169 kHz, 13-03, 1300/1310/1320 UTC
11166 10075 12458 13001 00049 00000 00000 00000 00000

14983/12085/10169 kHz, 20-03, 1300/1310/1320 UTC
11166 10075 12354 20001 00049 00000 00000 00000 00000

14983/12085/10169 kHz, 27-03, 1300/1310/1320 UTC
11166 10075 13467 27001 00049 00000 00000 00000 00000

Link 20218

17454/14357/11556 kHz, 20-03, 1550/1600/1610 UTC
11166 20218 45981 20001 00579
26156 04241 69230 90484 94096 25382 94940 98581 83284 76036
62636 23872 16726 91272 37670 89365 80862 53819 20259 81384
94206 86320 39838 06745 10657 72847 70629 03219 92370 61960
78969 98161 92619 12382 41606 17636 30243 70840 62927 78691
22652 52361 25843 35153 47619 95787 83286 06032 15313 43804
38985 82385 51417 54512 44423 01055 00000

Note: No next-day repeat. Strange message history: this schedule was logged sending message serial #1 on 2021-10-26, then message serial #7 on 2023-03-22 - hard to believe that it sent 5 unnoticed sporadic messages in between - and it's back to message serial #1. (PY)

Link 30132

13418/12067/11049 kHz, 19-03/20-03, 1030/1040/1050 UTC . Probably from the Orenburg transmitter site
11166 30132 15872 19002 00309
40213 73020 69761 92835 35404 26364 03815 56982 56912 67297
43567 01156 45621 91387 63517 41872 25469 12841 96846 47471
34387 63428 42349 24723 87447 23472 39478 92347 02028 00000

Link 40023

22884/17469/15876 kHz, 13-03, 1015/1030/1045 UTC
11166 40023 78321 13002 00049 00000 00000 00000 00000

Link 30077

14975/11459/9461 kHz, 06-03, 1400/1410/1420 UTC
11166 30077 76431 06001 00049 00000 00000 00000 00000

14975/11459/9461 kHz, 13-03, 1400/1410/1420 UTC
11166 30077 18930 13001 00049 00000 00000 00000 00000

14975/11459/9461 kHz, 20-03, 1400/1410/1420 UTC
11166 30077 54213 20001 00049 00000 00000 00000 00000

9294/8111/7336 kHz, 20-03, 1600/1610/1620 UTC. Probably from Moscow

11166 30077 24351 20013 01399
72334 09240 53278 69080 12060 70254 62589 87649 29565 53245
78969 98161 92619 12382 41606 17636 30243 70840 62927 78691
22337 28482 07630 20769 13628 39529 94515 36013 68979 21398
14525 80704 29094 14523 71746 97078 72348 20525 30618 02571
71821 83019 46917 84098 86182 20180 76361 17015 51649 42413
53462 98498 37234 05340 01803 63831 31412 65969 50728 53837
61246 67645 46528 42597 30312 15247 94716 89531 04930 51026
46062 50652 94068 25313 71612 24324 42942 48013 04093 67198
67010 28383 19634 91480 80403 43874 57369 71343 85692 94891
28472 60892 03518 70924 96927 41517 07879 54020 78278 95478
20237 30269 48508 01242 63070 80605 48042 98121 08425 61650
72191 51281 25260 45825 17198 17578 01641 02403 04080 34371
12652 52361 25843 35153 47619 95787 83286 06032 15313 43804
34286 34289 43249 42320 34234 34880 34080 13137 00000

Note: No next-day repeat. Very strange. F06 30077 is one of those new formerly-Chita F06 schedules, none of which which has ever been logged sending a message yet; except that F06 30077 is normally scheduled on Wednesday 1400z - two hours earlier - and did transmit a null as scheduled that day. And message serial #13 - how could it have sent 12 messages before already? I don't even know if this is supposed to be sporadic. (PY)

14975/11459/9461 kHz, 27-03, 1400/1410/1420 UTC
11166 30077 13467 27001 00049 00000 00000 00000 00000

Link 30154

16321/12086/9088 kHz, 05-03, 1230/1240/1250 UTC
11166 30154 75321 05001 00049 00000 00000 00000 00000

16321/12086/9088 kHz, 12-03, 1230/1240/1250 UTC
11166 30154 13467 12001 00049 00000 00000 00000 00000

16321/12086/9088 kHz, 19-03, 1230/1240/1250 UTC
11166 30154 12345 19021 00049 00000 00000 00000 00000

16321/12086/9088 kHz, 26-03, 1230/1240/1250 UTC
11166 30154 75321 26001 00049 00000 00000 00000 00000

Link 60070

11431/8127/7893 kHz, 05-03, 0030/0040/0050 UTC
11166 60070 93812 05078 00049 00000 00000 00000 00000

11431/8127/7893 kHz, 12-03, 0030/0040/0050 UTC
Too weak to decode

11431/8127/7893 kHz, 19-03, 0030/0040/0050 UTC
11166 60070 13467 19001 00049 00000 00000 00000 00000

11431/8127/7893 kHz, 26-03, 0030/0040/0050 UTC
11166 60070 12457 26078 00049 00000 00000 00000 00000

Link 60081

16351/14623/10367 kHz, 06-03, 1300/1310/1320 UTC
11166 60081 36925 06001 00049 00000 00000 00000 00000

16351/14623/10367 kHz, 13-03, 1300/1310/1320 UTC
11166 60081 78451 13011 00049 00000 00000 00000 00000

16351/14623/10367 kHz, 20-03, 1300/1310/1320 UTC
11166 60081 54213 20001 00049 00000 00000 00000 00000

16351/14623/10367 kHz, 27-03, 1300/1310/1320 UTC
11166 60081 39412 27001 00049 00000 00000 00000 00000

Link 70059

9174/7384/5148 kHz, 04-03, 0500/0510/0520 UTC
11166 70059 13467 04001 00049 00000 00000 00000 00000

9174/7384/5148 kHz, 18-03, 0500/0510/0520 UTC
11166 70059 75321 18001 00049 00000 00000 00000 00000

Link 70202

10671/8093/6879 kHz, 01-03, 0700/0710/0720 UTC 11166 70202 56321 29032 00049 00000 00000 00000 00000

10671/8093/6879 kHz, 04-03, 0700/0715/0730 UTC File 44461 (binary contents)
11428/8026/6884 kHz, 04-03, 1200/1215/1230 UTC File 44461 (binary contents)

10671/8093/6879 kHz, 05-03, 0700/0710/0720 UTC
11428/8026/6884 kHz, 05-03, 1200/1210/1220 UTC
11166 70202 65984 04062 02099
19403 66861 24750 21106 82098 31404 65976 35718 77144 14514
10663 53578 82253 37342 02537 58150 13834 52417 31651 11777
19026 47563 72752 41295 72520 73755 43285 21797 64106 26581
29462 00717 87865 36003 53828 29443 68979 44115 82786 94636
89062 75568 97476 66439 95972 30365 76495 05770 09026 53697
63852 97888 55566 62532 20626 04413 99815 33616 83746 50986
49946 82595 80344 92773 54316 88937 71108 24979 22805 46336
21072 30565 34172 43301 21293 82375 15404 03605 09843 41834
03960 41278 65548 21411 28871 09851 72928 03054 71623 50514
81759 29753 92759 68895 09702 12453 35151 95134 61440 19467
39852 06952 62755 40609 35507 20385 32978 43221 87213 77899
44265 62277 15809 88536 41120 91756 23497 99811 18613 69481
86759 06031 82722 72589 02498 22723 41251 65846 98324 81877
98738 69975 42961 27658 53819 42189 17665 17306 22460 86122
34632 56899 35511 33347 13312 26662 84013 63649 50564 75516
10694 56271 45603 89555 71097 89295 65670 64135 12774 29358
63357 34260 45978 78885 81532 42964 04312 73036 06805 52362
18732 43538 57452 27066 53394 91604 16769 44655 76734 37125
47756 12881 66249 36312 50095 98294 70405 84987 45352 96000
76111 49704 01330 95192 55199 93889 31532 20193 88340 91196
30650 51664 89847 43238 32029 57674 81789 62207 00000

11166 70202 32048 04063 01779
06569 62532 22423 06648 98621 72738 39493 03725 50370 01867
29912 44076 15189 50149 36720 27251 87573 48841 85009 97827
61004 93242 65806 58570 62456 59025 36456 66097 99514 81551
35947 01266 81021 02862 38616 31441 97198 16029 94670 06853
70176 61565 30963 58227 10874 55565 10460 87862 43162 54272
73830 71358 81250 84766 11618 12178 71233 96440 40396 16223
32736 12977 81385 78621 61590 89492 64931 99910 79490 04551
09310 73791 41554 41720 47285 13672 37731 40377 98857 10146

49001 20428 13637 36631 44286 10652 31288 45337 29037 35336
33478 20745 81400 38904 85763 82803 36934 53223 92859 57015
07790 37267 15722 53601 47304 43833 23886 22946 95944 93000
81492 79487 69530 57012 90451 11261 75686 86267 39161 17265
69449 31119 30239 39858 83973 39156 85689 84356 97275 32666
52956 43025 20950 95952 60282 65653 21789 27217 94832 43898
12258 34664 02003 01590 70755 81542 29359 08174 77587 09795
63642 57488 77613 97011 34280 79066 05481 26367 81835 74137
34400 74241 14837 93525 34390 45195 03428 99633 50933 09000
83259 79691 39981 19409 68092 63175 00000

10671/8093/6879 kHz, 06-03, 0700/0715/0730 UTC File 44464 (binary contents)

11428/8026/6884 kHz, 06-03, 1200/1215/1230 UTC File 44464 (binary contents)

10671/8093/6879 kHz, 07-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 07-03, 1200/1210/1220 UTC

11166 70202 63247 06065 01879
81775 57661 56255 80212 55859 42890 94634 24220 91018 67263
24132 33591 65960 75658 00847 22399 93888 23331 22222 58692
94228 78275 57602 11052 94131 72516 23428 18283 45707 32003
51483 24445 69911 39820 23661 46399 63039 12371 71662 66063
26742 93245 65075 64560 07529 94451 36274 40450 56668 39691
15566 79227 46443 89382 75032 66286 03692 52101 04506 60514
46566 12141 68096 70734 35455 27867 14742 02152 74004 80566
41186 65019 21170 78469 30839 62693 00244 45634 16955 01266
15794 50384 43565 87979 14449 52981 22600 10584 50464 77225
10640 14850 42022 35673 53734 22406 29176 63145 73724 56100
69408 38235 94503 65069 31711 97482 31663 66696 75147 71920
93949 47658 22818 00663 69976 91234 67163 99617 18414 92324
24534 05448 14338 96621 87564 64089 49869 72305 07173 38326
46168 52105 93398 44988 33323 83927 48808 51935 89476 21405
93001 29991 29655 17032 37899 76857 20562 35006 00705 82322
09785 23240 70620 37298 43176 08196 69689 48490 92380 14459
40385 84741 33747 73237 14785 01347 13114 42199 72445 71900
41183 79329 65353 57444 48497 11708 04537 84651 85000 00000

11166 70202 25467 06066 02139

78667 60628 59156 37710 96614 29556 50035 74795 52811 50991
92584 29918 67942 62420 19512 68057 49109 85356 43442 52612
89649 43210 39996 29526 33517 01906 44630 80259 83885 31692
55441 04547 60694 13582 59109 18878 36794 38859 22182 81636
07402 75084 14863 80840 72537 97050 59525 45411 37147 06108
21105 65925 58572 86313 81582 35766 96087 70833 65739 48627
42167 17027 10359 13305 40177 13676 94079 71706 18184 68763
70083 31022 93562 51271 68797 45997 28093 85407 62803 12231
38234 20721 11144 56459 90254 26526 25213 34739 34925 84084
23406 74485 61436 74980 66742 21288 75256 89119 92616 76455
29589 00798 88893 36222 65139 86275 75517 68540 37868 81288
85827 88424 39420 01938 64770 17755 39912 77407 26195 40497
07781 67915 36416 89267 86359 66378 16230 24187 31888 07186
78586 89950 42629 30557 44079 62066 33790 75888 01467 18185
37935 02551 05392 95466 35564 61563 28503 19919 45568 66583
10154 18652 30219 37647 68868 50969 94415 16111 70773 19255
83839 74211 71166 45576 11735 67696 71419 24950 68984 04960
58400 91207 97176 31118 18604 56390 29341 50464 44177 09619
28060 35740 73022 86379 75616 89355 94848 45532 81741 49359
34770 03928 29980 06474 03033 85104 48172 91129 72428 83957
92312 36585 68489 37662 11000 00000

10671/8093/6879 kHz, 08-03, 0700/0710/0720 UTC 11166 70202 42958 08016 00049 00000 00000 00000 00000

10671/8093/6879 kHz, 11-03, 0700/0715/0730 UTC File 44467 (binary contents)

11428/8026/6884 kHz, 11-03, 1200/1215/1230 UTC File 44467 (binary contents)

10671/8093/6879 kHz, 12-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 12-03, 1200/1210/1220 UTC

11166 70202 13978 11068 01839

05330 65813 06604 43360 20875 50668 03547 76480 53792 78290
89156 03649 93333 35051 70854 14782 28135 34314 41405 78460
99892 53583 08423 08224 28628 29567 13436 76631 76722 47089
20187 75509 43901 82783 76853 45824 10371 89508 81890 25630
70281 32430 08171 89513 22715 12694 65109 77983 12376 39637
03468 40237 37177 37471 92522 38743 64911 97375 24282 89081
26187 10941 24439 33472 75821 45890 74758 71428 39887 50033
76566 95988 90576 94373 10051 08942 16099 91314 69040 13492
77775 48903 75968 07815 71532 47041 06695 27919 35977 46615
79875 13263 74243 67463 90582 93568 81790 96136 92835 20259
97351 09379 60755 90964 19209 24265 83015 40533 53993 10941
70282 96977 90192 28897 80330 25811 13541 72711 90523 11187
06510 38209 72344 47306 99054 44964 47658 38501 62822 76088
31415 31464 66003 21243 90450 28025 31017 33809 73097 51951
62215 38161 89280 68174 35795 47965 45789 77902 69098 81460
66412 38047 11508 84647 51626 78406 24095 98316 57519 15037
40242 29875 98638 83253 24395 15888 04460 38701 71156 86277
84143 99923 11896 66127 79295 30880 21066 76017 09392 86832
39415 68181 00000

11166 70202 14792 11069 02159

75708 96535 89130 74409 37332 84731 61248 44479 04136 46229
32222 47143 08288 80430 66809 19932 81171 37871 60835 32675
00419 24174 04691 23722 64786 43154 42625 15171 64045 15028
07529 05544 36079 30655 35899 63324 28377 27749 92655 69836
06110 00010 60520 84848 73971 75087 73626 33398 03986 22346
00056 37218 86447 76341 02991 39254 46201 86960 35169 94662
91441 32164 46319 26773 87216 54252 08278 71408 70824 05617
87471 58035 51300 14895 19445 01168 60160 09474 65126 00451
45613 55277 53527 72886 27413 99777 40548 65620 54542 29172
38582 22732 32915 75643 96616 04465 15290 35674 35504 82337
70572 85313 68096 58577 74706 03374 58932 83293 90326 38460
03161 67854 27378 80792 29394 17889 01869 24745 56168 34353
34965 33056 56707 56104 59597 38620 11680 42413 26781 44830
54624 18856 28828 10382 39741 35024 81636 29496 86734 07485
33259 43480 82396 46438 90919 44582 43609 89498 83679 58067
71469 91043 02934 13445 51203 40569 87929 40807 77582 08479
48485 53193 10502 42767 42112 00928 90431 64998 47714 08875
68416 39060 03056 32528 30311 11092 98187 93901 19941 44052
42022 83129 90883 95349 44229 36732 41540 10976 79667 28481
13207 34583 27508 33797 55807 54937 02260 53618 91005 40189
18875 08685 27355 32402 59128 40163 07195 00767 31446 77565
89967 76945 41385 69213 00000

10671/8093/6879 kHz, 13-03, 0700/0715/0730 UTC

11428/8026/6884 kHz, 13-03, 1200/1215/1230 UTC

File 44470 (binary contents) Header 11166 70202 59268 12070 00009

File 44470 (binary contents) Header 11166 70202 59268 12070 00009

10671/8093/6879 kHz, 14-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 14-03, 1200/1210/1220 UTC

11166 70202 95683 13071 03099

77125 65507 69763 63139 17397 84951 26071 83395 28562 71743
22587 17310 47699 79615 44638 49907 66800 77868 60480 06215
04829 05441 60392 90542 22855 40316 72449 09055 55689 51442
90880 55342 58458 25364 77972 63656 91558 84744 25434 59517
92428 40973 86182 62367 07575 48040 12471 19966 82874 98706
12997 92063 84843 82995 30542 30526 81266 38839 43032 82645
06316 67290 06932 36275 77271 95308 08715 33469 01979 99926
73977 53048 79243 48540 55514 88768 77008 26603 59889 19782
72254 75083 21931 20441 87314 09267 86434 06074 06763 40910
06342 61992 09446 75668 17096 52230 99791 07372 96207 55066

73068 81527 67544 22190 98621 49452 59899 08399 55840 85127
78716 68634 06926 86690 01032 69319 40894 34362 52337 10751
73452 26588 75217 07694 36662 66453 48967 24521 43228 20297
69408 12491 59380 19975 48615 45376 71151 31184 43626 00712
77979 59452 73687 83452 98293 15579 35305 38855 21487 12585
74592 51408 90417 16100 26118 76938 49006 19728 77797 04493
39273 67647 71172 94986 82108 96067 96328 93458 26213 15600
90948 61966 99696 06210 02859 29676 48377 46814 25433 07361
95544 51311 65229 62926 07329 32894 51086 05059 98093 68659
44481 71609 60299 86108 59988 69869 53019 43790 55510 65459
33794 27672 01735 66559 67966 35133 89941 00827 99825 68707
87690 31266 20168 11062 01816 08405 14497 03516 57823 05493
26205 99543 55550 33449 19241 15516 09922 82660 74545 50236
36574 88465 04528 95492 91501 67007 20361 09101 24276 18547
35915 72603 54002 45098 43099 05496 27607 79029 42835 57616
69649 69831 66208 51821 83145 25737 69713 98796 10723 56955
39710 55606 15574 17751 89648 50303 91376 93924 85095 44081
60801 32620 80577 53034 71885 61523 02688 01371 51488 94083
63947 27970 25501 67797 41601 18057 65012 12327 05916 82024
67729 94472 32207 53228 34179 36697 81011 26450 48107 56106
80959 09217 20116 20960 98283 07635 04497 13070 00000

11166 70202 03658 13072 00679
72593 52458 14182 41672 32782 78128 86395 23136 47440 14985
22766 36810 31854 01924 05148 03858 26280 87469 87374 24477
61859 53089 80555 48133 30534 56514 38470 44287 57403 87282
03996 78285 98962 51667 02516 22121 15651 29188 93221 54751
92161 67892 14284 31640 03938 10598 82787 28237 53299 69273
35408 87064 23637 89753 20732 23109 25109 73978 79186 67196
30280 51928 71502 52046 23137 72065 00000

10671/8093/6879 kHz, 15-03, 0700/0710/0720 UTC Null string only: 00000 00000 00000 00000 00000 00000

10671/8093/6879 kHz, 18-03, 0700/0715/0730 UTC File 44473 (binary contents)

11428/8026/6884 kHz, 18-03, 1200/1215/1230 UTC File 44473 (binary contents)

10671/8093/6879 kHz, 19-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 19-03, 1200/1210/1220 UTC

11166 70202 35218 18074 01559
12028 17218 99423 67651 99308 57752 13676 51403 53460 70225
08337 04844 14601 11933 28459 21083 62520 27999 05496 61564
00297 88185 35102 13813 86834 68328 78079 64925 48010 24847
26659 01703 21132 35754 03291 73392 12373 06601 84155 77960
71890 64813 64560 57838 16308 90836 08422 16078 53237 59534
49014 88852 87554 90278 33180 35251 14092 29173 26181 30287
26442 11841 19382 72068 96571 80210 07954 39070 04913 51754
30790 58436 25636 64592 89802 71257 96791 46927 90817 05759
29986 84219 73230 94333 39316 82566 20616 95366 94212 51696
69490 05773 25906 56043 58404 75202 42193 07315 84544 57839
30187 97008 60060 62740 51745 92302 85270 88641 61264 43765
80957 54177 00520 78314 46930 59442 50247 75877 39046 39852
43150 53171 81873 98207 68020 03048 59191 25934 19655 62854
49504 49412 74269 10224 98762 62345 95079 09750 47487 30097
97752 58975 54463 76945 30401 07137 84213 92173 47826 45102
50422 15960 84673 74153 00000

11166 70202 15973 18075 01939
67113 28942 19112 44245 12154 42052 63947 63581 78304 88402
14986 21739 16631 81300 03674 75531 84124 45326 26035 45679
62397 53561 47550 34947 17103 68424 26097 36608 09013 40817
26399 00428 92689 47242 24413 48355 63701 69615 25099 57113
40302 47427 41999 49865 90528 56962 12081 64152 40636 97255
44261 88289 25830 87473 25068 83405 69214 05407 29864 33317

99896 21771 13072 89414 46198 09984 75848 02766 64895 36131
34629 60606 92435 58787 38996 69414 29059 93387 12296 51757
91771 20843 13449 49089 97106 45074 43391 47703 59599 29168
44576 70002 16930 64824 66987 98302 17664 54801 99089 23334
32520 13024 87154 34643 75121 12072 91413 95070 43148 32704
52451 66506 15840 95127 66301 79092 68791 76692 91665 61078
91955 45701 37700 71505 21821 66012 05808 02908 23678 52141
83869 46228 84923 79529 16356 35120 05340 79680 98751 11833
95282 74849 69743 81875 17712 31963 99583 49624 35014 40471
98102 52084 46547 43813 90767 32979 27838 79178 36260 24362
07391 05264 83986 27932 42013 22695 94972 13245 76634 16826
74572 75010 99514 77576 90427 16651 28820 76014 74124 52322
91465 02364 29976 44585 80195 95121 99371 19891 99813 15982
54131 75191 00000

10671/8093/6879 kHz, 20-03, 0700/0715/0730 UTC File 44476 (binary contents)
11428/8026/6884 kHz, 20-03, 1200/1215/1230 UTC File 44476 (binary contents)

10671/8093/6879 kHz, 21-03, 0700/0710/0720 UTC
11428/8026/6884 kHz, 21-03, 1200/1210/1220 UTC

11166 70202 52784 20077 01499
35486 92115 42411 02311 32314 01858 07317 48720 78360 25054
02856 97919 50539 60110 65267 27177 90531 67176 28970 51918
67141 23634 22746 00403 18420 78511 60555 61545 59525 35506
75415 48071 67239 19315 69789 42186 77075 04948 80906 15955
53930 14718 84471 43581 22206 12599 85184 47755 66338 50623
67516 47289 37674 47036 05172 98190 28641 00856 52691 45397
00127 72556 67607 27332 73031 85556 36614 00484 19909 28188
04171 76190 17647 60840 26992 86824 47119 57974 02846 23550
50746 39683 47113 12859 83910 72491 15537 24056 21143 44080
96592 24898 03050 41624 21940 27551 34882 88435 68360 92084
72718 18587 49656 79658 58170 94218 21906 72609 87569 95201
50560 03622 26559 35857 12770 61164 06033 88414 33419 63387
60368 17890 78284 17660 93867 58078 52756 07944 86371 83358
79568 77182 73966 55967 53970 96903 65723 53464 99769 41207
82413 06054 74704 07343 28137 98459 98554 77147 00000

11166 70202 15973 20078 02139
21461 22836 30082 35290 66798 79534 83473 50869 83397 34070
03981 43244 47879 36605 52748 44771 30208 52863 12851 18172
55678 42778 26328 60426 18160 95505 12947 15372 36809 81704
75400 18419 73421 09055 20613 21839 52613 91925 51847 74057
52027 71142 11305 51381 54744 44799 77894 65615 81086 96025
49867 95985 42007 28683 67007 18823 81244 46893 52051 33436
98440 39362 76042 07612 70394 54422 77292 91183 12658 76731
88644 71102 48638 41579 52731 66455 78425 47719 29896 86851
64496 54677 28490 02634 76508 75473 12213 00340 62368 00682
64192 21861 37746 14788 12495 10718 11246 90760 46739 13916
87396 73783 80524 12795 14674 90092 39332 81326 70718 41838
78614 95285 01958 73923 61744 40739 59805 23762 52508 95295
00629 89865 01849 80533 41677 80233 33523 09071 90152 26456
58385 74692 87610 74477 71955 58985 36889 87961 14991 52915
03729 25190 01724 16783 10306 75431 45467 26991 62834 65724
36270 83073 80439 74003 50309 73409 17497 09517 95708 23070
96603 46459 24473 72231 94390 21769 65221 58586 47351 33024
56404 02206 69876 97372 84708 16274 01686 57431 58309 92137
26841 45098 69688 32117 31524 39216 27679 28501 92780 78015
63442 12176 15402 12279 40060 19313 59139 10176 20417 49574
23441 49683 73083 14245 81893 59546 20868 97749 83556 94715
61733 78211 00000

10671/8093/6879 kHz, 22-03, 0700/0710/0720 UTC
11166 70202 62347 21034 00049 00000 00000 00000 00000

10671/8093/6879 kHz, 25-03, 0700/0715/0730 UTC File 44479 (binary contents)
11428/8026/6884 kHz, 25-03, 1200/1215/1230 UTC File 44479 (binary contents)

10671/8093/6879 kHz, 26-03, 0700/0710/0720 UTC
11428/8026/6884 kHz, 26-03, 1200/1210/1220 UTC

11166 70202 42871 25080 02139
81487 37052 09903 94622 72255 13991 32635 11281 34488 39680
32846 66760 62035 18317 81200 37802 30673 64097 00316 70666
12592 17447 64653 74360 11306 63297 10674 65144 52909 31111
55675 54484 94608 81319 48764 97654 36491 07882 02394 45177
47441 11646 77903 64269 41162 24192 23500 22509 63232 86854
88121 50887 75127 14611 59613 28448 46161 99512 00658 55693
89270 33367 80900 08948 01584 54328 28700 92868 95713 47121
50944 33283 32711 51548 94377 77553 92617 58993 46858 94638
43546 01605 02004 92058 95242 63830 35652 91938 48055 71016
67569 33323 73247 34733 06856 92940 85603 59534 04481 41627
94246 40828 61379 78565 42631 08544 65556 10555 73615 96293
56633 68483 80585 40708 41267 78200 30542 40631 07896 27956
70099 30871 14229 99633 50335 50188 45931 55915 31421 08204
69943 00610 52978 80932 30854 54302 81094 89602 63792 12528
67932 42476 22247 78652 84886 44338 44278 88645 15193 03350
05532 69935 16970 89954 32518 01537 92591 27522 74580 67633
25353 19417 57984 21805 69356 42178 70587 04085 03557 59508
50497 78041 85908 36738 77184 80063 68544 60481 88465 98040
59925 93136 71807 21623 44905 16956 03383 31256 98637 47339
33317 18171 55278 20064 40566 52514 17392 82121 05860 41817
17038 40855 76148 46976 64445 51089 18990 47950 45220 44935
90321 80211 00000

11166 70202 32048 25081 01959
76752 36308 29113 21705 19716 71099 89945 95316 10314 13249
28807 41818 61908 57172 30841 27240 81185 94004 15167 39434
43719 58122 11262 88757 91101 81583 74901 06495 16851 92412
23329 39490 33280 17668 94359 64391 36500 77240 59094 69973
11764 79300 42929 80955 46323 53349 34565 21772 42000 81808
87681 43705 44645 16075 44981 63852 32682 87989 39277 89332
31921 52654 51332 25194 48830 23534 29108 89447 39448 85780
98138 83662 56131 98712 17699 92572 39323 23405 62467 11121
46524 36300 34355 22381 35659 14797 34210 74800 45031 05757
48060 32191 37040 12843 27605 94917 97853 63659 69625 15709
10236 42603 24011 58540 41696 00379 85087 74018 15163 76116
45931 89705 54362 93012 20360 38827 21094 13457 62286 75787
86584 64561 37125 51953 04118 70036 24936 50112 75112 49359
59989 01073 25854 70157 36454 30825 37049 64756 34877 11708
93410 46822 49155 16013 45436 89044 18682 95473 00596 47784
95360 35065 86088 45640 00163 54563 50379 47855 48929 56292
95683 93512 52094 42499 58604 67455 18026 50797 81094 23863
14663 81116 38945 97424 69147 12588 19976 63055 10120 33811
69122 30072 82395 34943 42604 81794 88673 35030 38361 96482
38000 43038 94954 81193 00000

10671/8093/6879 kHz, 27-03, 0700/0715/0730 UTC File 44482 (binary contents)
11428/8026/6884 kHz, 27-03, 1200/1215/1230 UTC File 44482 (binary contents)

10671/8093/6879 kHz, 28-03, 0700/0710/0720 UTC
11428/8026/6884 kHz, 28-03, 1200/1210/1220 UTC

11166 70202 52794 27083 01399
89946 08089 86820 78019 33960 99532 12543 07261 73835 19898
82490 13526 67381 96676 01388 31737 20727 93113 23411 97603
11513 67886 69374 27276 55920 54036 40100 77964 80498 61813

49420 06693 84701 35146 25242 69391 05092 16401 52128 27509
17146 99133 53801 54326 35583 73524 39041 58169 99177 94165
59390 64702 50977 24901 52123 25494 49868 40412 66889 45033
74428 89224 99508 43398 04998 47823 81310 96748 94916 20577
97493 22846 66854 65145 32916 03777 95178 48066 68774 63067
60292 60200 78586 39386 85885 46731 96942 24014 95032 31406
59436 54267 46074 39689 37228 80072 34223 50550 14681 45868
69827 31531 83489 55026 69238 36817 51757 08984 19203 72974
91454 38265 00739 62055 72685 67590 83412 56756 58217 82246
25971 87305 56692 87927 44252 44787 57976 81205 32324 30571
99071 72842 47781 26547 34029 31118 97136 83137 00000

11166 70202 91735 27084 01719
96107 74287 17708 46680 22107 33148 88280 40562 94940 06144
55880 84142 03155 10777 56916 78973 27042 86180 50413 11958
34973 18531 63810 78070 65770 96631 89629 57480 83040 27358
81468 89244 12425 65661 22745 08786 97702 38801 66630 41311
36667 69511 70614 68387 82733 27774 74136 09844 23205 65897
92720 88193 70133 16582 27048 67763 24720 58661 10418 85717
01185 80202 43011 17168 21049 93666 86424 41543 13761 82799
16877 02426 84613 85949 60564 78029 35877 45502 59564 04507
52098 78112 41758 19278 85494 45428 93182 16569 02382 29981
56269 32339 76578 45954 02395 00796 40717 39492 52190 49675
31401 58244 42036 26481 89157 94849 60190 72870 99095 34018
00981 89365 83240 57922 10504 57592 80459 89576 22261 12221
74917 78888 06176 79802 59015 61076 79430 26689 41729 42138
52550 83218 38307 91052 09185 36365 02240 43417 43016 08024
85462 46190 00229 61136 37714 98233 00996 00828 80992 66350
38391 62762 20049 81495 78191 05879 74848 44844 07993 51719
45950 98418 09074 37524 48724 39951 49464 75279 77365 84169
00000

10671/8093/6879 kHz, 26-03, 0700/0710/0720 UTC

11166 70202 42813 29055 00049 00000 00000 00000 00000

Link 80214

20219/19353/14375 kHz, 07-03, 1330/1340/1350 UTC

11166 80214 36524 07061 00049 00000 00000 00000 00000

20219/19353/14375 kHz, 14-03, 1330/1340/1350 UTC

11166 80214 51279 14055 00049 00000 00000 00000 00000

20219/19353/14375 kHz, 21-03, 1330/1340/1350 UTC

11166 80214 76524 20075 00049 00000 00000 00000 00000

20219/19353/14375 kHz, 28-03, 1330/1340/1350 UTC

11166 80214 23568 27081 00049 00000 00000 00000 00000

Link 90017

15739/13429/11068 kHz, 19-03/20-03, 1520/1530/1540 UTC. Probably from the Orenburg transmitter site

11166 90017 26547 19010 00029

40987 00000

F06a – FSK 200/1000

4031/5119/5933 kHz, 01-03, 0500/0515/0530 UTC

File 04422 (binary contents)

4575/5761/7367 kHz, 14-03/15-03, 0500/0515/0530 UTC

File 04424 (binary contents)

4575/5761/7367 kHz, 21-03/22-03, 0500/0515/0530 UTC

File 04425 (binary contents)

4575/5761/7367 kHz, 28-03/29-03, 0500/0515/0530 UTC

File 04426 (binary contents)

12165/11044/10277 kHz, 30-03, 0700/0715/0730 UTC

File 40428 (2832 bytes, binary contents)

Comments, logs and transcripts by PY.

We've observed that the digital mode slots of the Pacific weekdays network have now changed to only two confirmed cycles: 0100/0110/0120z 17532/16351/14428cf converted from F01 to F06, and another shifted to 0230/0240/0250z 13370/11538/10614cf. I still haven't searched enough to be fully sure that there isn't another digital cycle. S06 480 and M14 952 have kept the same schedules, but the kind of traffic they send has changed as well.

As before, operations are prone to irregularities. As expected it didn't transmit on the Women's Day holiday, and it didn't transmit either during the March 20th sporadic schedule activity event - we know that at least one fixed frequency M12 didn't transmit during that event either, and even though it's not the same operator, fixed frequency M12 schedules are known not to transmit during holidays either; so it doesn't seem like a coincidence.

F06 now transmits 11100 09501 messages instead of 11166 60146 formerly (if I'm not mistaken). 11100 would mean test traffic, and link 09501 looks a lot like a fake test ID. It is not an unreasonable hypothesis that this network has just been test traffic all along.

F06 also sometimes transmits as F06a, sending a binary file always named V_ZFD_~1 and I have no idea what that file name could mean. Files featured a text header indicating 44400 09501... so link 09501 too; but one time it was just an empty text header. File sizes were exactly 1 kB, and exactly 1.5 kB - which is suspicious, especially considering that this size includes the text header, and so the size of the actual binary part adapted to compensate when that header was empty.

F01 messages end with two 00000 groups, then always at least one +++++ padding group.

F06 and F01 usually transmit the same kind of traffic on a given day: one message, two messages, repeat, null... I think that S06 480 and M14 952 correlate together as well, but I'm not sure if both the digital and analog cycles do the same thing on the same day.

All slots haven't been monitored all the time.

F06: 17532/16351/14428 kHz, 05-03, 0100/0110/0120 UTC

11100 09501 00000 04034 01699
07850 90052 57141 48480 87193 28688 89873 59809 31708 38154
09463 08013 68818 28304 03823 00887 53702 30967 86761 55790
89723 20840 96194 59446 71218 48198 51439 23164 03343 56855
36779 69404 78646 85820 03480 10632 15090 78077 07460 06385
85153 44940 24780 09516 90764 59396 12170 37519 63705 76912
04739 29897 96195 07102 68106 77503 31342 84712 47092 34791
68139 13379 78191 50906 60701 80548 57998 80577 16431 67051
84780 60716 22790 99730 15377 63684 57380 20572 04625 63154
61009 70786 19489 73511 78424 13263 45084 48721 96426 41834
24780 51614 34019 50810 01583 29510 64303 63189 52960 57134
72794 41007 36326 32753 81860 26244 87343 38473 95948 85744
38258 00632 47309 58573 48431 11229 46897 29252 64272 96329
70122 75310 50751 42373 32173 62593 61677 16337 32555 86758
40941 40679 73574 84404 71898 09006 82421 62262 17084 53401
91562 17891 15448 99353 57117 50319 29297 69211 19910 84063
58132 20120 38892 54955 61565 27367 51600 31237 58511 49070
41373 68333 94828 33153 15975 20768 96611 34167 00000

11100 09501 00000 04035 02389
77404 11930 19118 81714 22130 57198 01632 14877 89645 96961
79618 41969 17432 30210 81010 42560 77902 66936 70401 87744
42145 15585 30028 63779 91806 11219 44357 13773 21305 95346
42974 70880 97570 83345 81459 81445 69482 80428 64948 41515
44206 32070 44038 95175 72614 19856 37762 68138 10975 38672
63297 35019 51094 16179 77086 43747 36108 60512 57095 45539
04104 47145 80847 03876 26761 80837 78966 80923 35202 93635
68878 24833 50231 64832 98390 06353 59161 73842 53814 78200
06410 21927 12323 55619 90048 83697 43244 41570 81501 74349
87959 44988 10570 43551 73108 65538 82980 31933 36771 43320
22646 51107 72344 96947 55803 73167 19765 98439 79256 40595
58791 58379 79868 32509 84018 19747 97523 48207 66329 83895

48727 93927 30445 17088 53044 83771 03287 11032 29547 90719
12822 95870 55482 08688 42084 29038 04321 11555 68061 08436
05399 20101 40132 83369 92325 12789 77737 61668 32342 41336
91984 36435 53837 37010 60855 80869 14182 18576 12729 84583
75091 37850 97876 29870 77693 23788 52643 31345 34490 11038
85991 87401 80398 63910 43090 16929 50067 31699 25646 79710
73644 96275 73664 03962 08197 97918 38311 69425 46948 50294
00593 19480 73555 80539 15508 00678 53574 55380 86385 53173
80332 79219 99080 00463 17377 75136 70727 11876 04693 84735
92721 36263 20881 47779 72635 30309 18482 47540 04743 29913
74622 32821 23849 38073 24195 52563 22100 27715 67732 63999
33482 82890 71182 00269 15666 26806 35236 00000

16351 kHz, 06-03, 0110 UTC: no transmission

F06a: 17532 kHz, 07-03, 0100 UTC Wrong 200Hz shift, no decode

F06a: 16351 kHz, 07-03, 0110 UTC File V_ZFD_~1 (1024 bytes) 44400 09501 00000 06003 00009

F06a: 14428 kHz, 07-03, 0120 UTC Up mid-message. File V_ZFD_~1 (1024 bytes) 44400 09501 00000 06003 00009

17532 kHz, 08-03-2024, 0100 UTC. No transmission due to Women's Day holiday

17532/16351/14428 kHz, 11-03, 0100/0110/0120 UTC: Not monitored

F06: 17532/14428 kHz, 12-03, 0100/0120 UTC

11100 09501 00000 11036 03039
13828 13596 36673 22988 82853 16927 52447 37959 40856 35852
57552 45479 36385 42879 38338 71319 43388 08214 23154 18815
61523 20065 77625 14024 85710 51142 30898 05674 49599 94779
50018 05830 72668 19135 04649 82218 65605 12883 89308 38161
73689 20850 95305 41025 62843 93041 49583 85164 78053 95466
62633 00260 28830 56228 52685 41010 81420 45305 38353 19111
62437 11456 16922 63449 03603 24695 70475 19468 82295 97770
67029 23619 37585 85088 48887 13854 66439 82501 25379 62094
29802 76433 12188 39599 23210 15743 84443 51195 91660 04786
35775 99277 93397 41103 60504 63542 42312 46178 01180 07380
83645 62694 28615 46858 82677 16738 46653 43250 31096 68375
38808 05025 00721 99051 99002 10260 99287 09242 13562 85387
07969 24787 86677 01240 05309 35372 26505 72307 07290 13556
34104 70160 78186 87816 62384 86970 91914 68032 37273 10061
48547 46841 58268 93438 75708 25321 20575 37228 69504 36418
26014 10957 54698 64574 74885 81626 68812 84971 55976 32505
99841 70857 76901 83579 32266 42363 01967 49605 81054 55268
89728 96695 18343 53141 47466 83376 22480 31303 44715 97054
04111 86031 53087 21836 89015 47473 04538 98627 62365 19674
85281 63459 04088 76175 07540 74967 70039 84621 26305 66978
98668 58804 93315 87127 47844 61580 65423 07444 91557 07122
09546 17852 31170 35900 71379 38522 00899 60876 00085 11998
72233 08316 46099 61056 86957 01667 74296 23218 73478 61945
59654 97866 26143 23062 57639 66890 52224 85525 66474 74807
16281 56965 23501 79296 36559 52906 02804 08072 13138 56235
06290 83052 92495 58795 65419 97744 98195 33549 95763 58790
82365 10746 71584 27609 77672 56525 12620 23082 54467 77403
00264 71198 12798 99081 65330 12625 63967 92995 14584 04107
81335 49064 88228 74670 25045 18072 65543 22536 70358 72104
60844 63700 94295 56500 76973 68107 00268 31740 08489 44360
85373 36301 00000

F06a: 17532 kHz, 13-03, 0100 UTC

File V_ZFD_~1 (1536 bytes) 44400 09501 00000 13004 00009

F06a: 17532/16351/14428 kHz, 14-03, 0100/0110/0120 UTC

File V_ZFD_~1 (1536 bytes) 44400 09501 00000 13004 00009

F06a headers feature the file size and an integrity checksum, then in the last F06a block, the end of the file is followed by one 0x00 end-of-file marker byte, then 0x99 padding bytes for the rest of the block. In the March 13th transmission, everything was fine. March

14th was a repeat except that the very end of it had been altered: in the last block, the last byte of the file and the 0x00 end-of-file byte had been removed, and replaced by 0x99 padding bytes - while the file size in the header had remained unchanged. As a result, the last byte of the extracted file ended up as 0x99 instead of what it was supposed to be. Then when recomputing the file's integrity checksum, it didn't match the one in the header anymore: any decoder would have reported that the file was corrupted. This would seem like a deliberate corruption for test purposes.

F06: 17532/16351/14428 kHz, 15-03, 0100/0110/0120 UTC

1 block, 1 msg starting at block #1, but there is no block #1, only metadata block #0 repeating

These transmissions were empty in a way, even emptier than a null, and didn't really make sense. (Binary payload of block #0: 0x0021002b000000000000000000000000)

F06: 17532 kHz, 18-03, 0100 UTC

F06: 17532/14428 kHz, 19-03, 0100/0120 UTC

11100 09501 00000 18037 04299 (March 18th)
11100 09501 00000 19037 04299 (March 19th)
24170 03068 24326 45147 50355 49122 67637 13913 90293 04651
00941 41064 40845 89483 76001 23490 51757 53888 26849 19785
33270 10376 97551 32889 88048 87086 77907 32274 40860 69945
82977 95363 64452 25783 37404 72888 25047 23586 50455 07849
95916 96091 92728 62774 12452 08898 10452 34984 67173 29279
38314 64511 68129 11901 96779 64392 09101 43609 84805 28016
25063 14497 03905 93198 31343 07423 74498 67690 69900 23177
30494 45801 11179 83477 03014 70815 84954 78985 29229 22903
38636 54531 47227 37204 46436 48728 62852 81777 17861 30178
99451 50099 78953 97435 66477 47797 24733 34938 07865 78318
66252 42074 16142 57203 20735 77587 23190 09659 18205 86503
03612 31130 23067 01750 51625 15538 94056 37691 17437 80882
31017 17728 14022 46898 81916 03174 30254 44452 08575 15592
11318 61354 34499 69765 92345 54297 23303 59514 96213 81586
61116 63518 31438 36363 41449 63356 51103 84997 75920 90936
58762 40355 79317 47506 72253 24604 02397 61436 81355 01265
10884 76959 60236 81187 34103 91053 20617 32139 31664 80659
16603 46694 51665 87410 37110 48109 78829 52082 46821 38881
96019 15922 61622 21659 07575 31073 69447 47216 97899 47258
32465 69151 23738 66929 31560 10024 63585 86054 39029 68599
72661 62740 30441 22889 16890 80874 71592 08693 84316 00972
41502 78300 97406 15419 77371 69069 74664 50300 52465 36549
14996 80989 22827 31839 03277 53702 03794 27881 60532 30194
62219 24357 87201 97785 35371 85892 72892 11914 12412 93246
71082 63381 39430 12178 62200 87511 33928 09673 53521 57374
19733 72229 89318 28291 18251 05870 69702 25791 57002 22588
01592 94212 81386 42906 30252 48137 80599 69235 24834 93846
63658 09717 16360 12982 46452 57249 11579 25594 35770 53370
31147 74791 21239 91696 45562 00139 11107 40596 07281 92022
72815 89786 02474 44162 64290 50554 70843 46448 66895 64264
66943 85304 55982 98864 61446 43753 69978 38063 05783 18377
63942 92873 08603 95362 58533 90201 97483 52817 20328 18183
64340 81533 34423 32932 17952 41407 55256 56419 92068 95685
46590 20137 82507 90229 46599 34260 11700 69991 18981 86981
44119 49879 76047 03708 01013 82210 84727 20809 47903 87926
91410 53608 53269 43775 26579 63290 41862 42626 75169 52431
91084 69126 23579 43823 43877 57876 19286 22289 36543 26302
03995 44176 64952 99435 06256 44209 37564 68768 04499 94394
88702 52378 96410 94663 50521 48510 35599 99942 07101 99806
21478 13336 79108 10365 53317 00105 12467 82813 84380 02147
69458 67606 37116 57633 45712 41692 65294 55529 61506 58786
74083 79647 00827 38397 33951 21951 96611 85815 49362 69780
85629 60253 68195 96686 81422 33302 42823 37427 00000

17532/16351/14428 kHz, 20-03, 0100/0110/0120 UTC: No F06 transmissions

Sporadic schedule activity event in Europe, no F06, F01, S06 or M14 Pacific transmissions that day.

17532 kHz, 21-03, 0100 UTC: No F06 transmission

No F06, F01, S06 or M14 Pacific transmissions that day.

17532/16351/14428 kHz, 22-03, 0100/0110/0120 UTC: Not monitored

- F06: 17532 kHz, 25-03, 0100 UTC** Idle carrier, mostly -500Hz but switching up to +500Hz at times
- F06: 16351 kHz, 25-03, 0110 UTC** 1 block, 2 msgs starting at blocks #3 and #3, but there is only metadata block #0 repeating
- F06: 14428 kHz, 25-03, 0120 UTC** 1 block, 2 msgs starting at blocks #3 and #3, but there is only metadata block #0 repeating

Like on March 15th, abnormal empty transmissions. (Binary payload of metadata block #0: 0x0022006e006e00000000000000000000)

F06: 17532/16351 kHz, 26-03, 0100/0110 UTC

F06: 14428 kHz, 26-03, 0120 UTC No transmission

11100 09501 00000 25038 01589
 34261 55748 55981 30353 39254 49063 50140 68263 10365 42412
 55769 40328 37856 53494 68269 33104 77235 48492 36797 58557
 94267 60893 27097 11994 73366 27197 68814 52350 37804 81709
 98209 59537 55176 77612 32224 48519 26549 26473 34837 44821
 82751 73418 61632 51151 36218 50127 93538 59816 61842 72847
 95656 90635 05275 77618 62128 59022 42097 09892 32977 03934
 36305 10729 93855 30369 71561 66770 94644 46105 53624 16165
 47836 97362 07418 27636 92635 33079 17154 94890 35730 52486
 82976 13538 04652 15678 92531 32717 74673 21847 30922 98628
 55181 84891 77482 32135 46456 61073 62799 07635 02800 08403
 84433 25401 62952 82466 04760 94554 33725 98354 79384 68876
 37800 13397 89554 02631 61622 10382 77021 18610 64331 85953
 04772 05555 33660 73875 92085 87175 99749 57839 97334 29928
 42811 53515 46990 81757 55565 64525 34240 58977 46414 42036
 35689 23487 94267 02644 19550 17509 90970 84255 43790 48027
 32260 44640 67638 38127 43203 32346 38156 00000

11100 09501 00000 25039 02409
 58468 54904 28010 99945 75571 77996 59396 76631 58457 93132
 55682 46545 77681 73757 62486 04738 18337 69539 24129 27684
 12088 60252 21771 07673 27878 03100 78817 23631 44785 90701
 19562 78050 55424 61894 91978 54725 73368 32566 90619 76971
 43005 38690 40540 71024 75270 08756 28204 64299 57705 07780
 90298 73201 12258 20092 96385 60179 99282 63067 86356 64695
 91168 49017 48593 37817 64033 37401 49798 35107 80912 44560
 52422 47498 64909 03164 80621 74850 85704 88541 20692 71863
 07890 54106 66913 21049 74560 43038 48743 12432 24590 68433
 00286 34685 67041 79091 58000 07373 61137 53140 97550 08998
 75242 86671 45770 80533 23281 69597 28650 09133 02037 65886
 41302 21706 77765 40390 50838 43039 95566 99440 68088 98157
 09943 37399 49110 63617 59987 06352 12419 97399 37643 51140
 82878 02119 22458 76906 98189 01211 81289 41349 38910 32796
 56383 88872 67954 90914 90268 68817 90497 68798 60907 04962
 70229 83897 25542 08478 62893 89320 96655 51538 53048 01389
 98518 43743 04990 98001 77723 78581 63769 67477 66170 42087
 67249 12576 19925 00897 55127 39387 82398 11885 85878 85766
 45279 20574 97536 69005 05653 40496 73264 57437 42755 30702
 97649 95648 62794 13603 14654 37992 85265 00328 23163 70091
 69218 15794 71076 23020 02903 40666 33863 09839 05219 12403
 88531 39194 12438 52564 18943 85645 48603 12591 13416 21423
 03061 55208 40547 39297 63564 13685 14201 21248 78371 96087
 83582 32627 45794 26764 09364 46489 54620 42204 39238 00000

F06a: 17532/16351 kHz, 27-03, 0100/0110 UTC File V_ZFD_~1 (1024 bytes)

F06a: 17532/16351/14428 kHz, 28-03, 0100/0110/0120 UTC File V_ZFD_~1 (1024 bytes)

Same file sent on the 27th and 28th. Binary starting with CRLF CRLF CRLF, which means an empty text header: no 5-group header this time.

F06: 17532/16351/14428 kHz, 29-03, 0100/0110/0120 UTC

F01: 13370/11538/10614 kHz, 05-03, 0230/0240/0250 UTC

96232 88651 93781 23097 63342 25606 54632 55507 06004 15153
79563 46530 88868 77746 31427 88115 47098 15234 24688 54135
28786 46773 23561 82822 85920 11381 93527 28573 99817 38857
74668 22059 51965 47747 90254 07521 76212 50050 89023 47312
53249 67347 44586 12985 33301 88052 60406 03858 97990 20452
53774 60653 97295 21241 17226 66349 22539 04236 80846 51416
01352 58942 23881 45650 25554 33681 09104 43761 47868 62951
38380 76925 41674 67336 30450 07485 77041 90312 26210 88970
22006 22633 24418 58654 41674 67336 30450 54802 19435 76706
57352 75821 88224 94876 98142 23495 15423 26118 85558 97477
44116 84852 62905 33261 51629 32096 81018 00769 11290 28022
83804 05795 68351 55311 41784 61456 66009 _____
82457 45526 44224 95124 64914 56561 84452 78088 71561 62498
45516 79646 57327 65104 46864 25145 64457 28122 44785 58891
03808 27485 02222 86985 37796 09831 00098 27688 00955 39007
88575 61480 19015 35246 01705 98032 36156 00000 00000 00000

98899 41570 62129 90726 36588 74513 03555 52391 72572 67656
09895 59781 50753 78663 35267 87455 38809 95415 41519 31846
29828 12915 26479 71223 35829 69647 49553 12459 15368 54370
09384 98054 02417 19239 53241 71859 28692 60217 22844 26913
56635 50720 66291 83858 65222 39406 70793 73360 55790 48071
95896 20956 70072 30581 11881 57799 37634 78770 73015 05706
94877 86259 80375 09965 42831 06107 13887 18333 35885 63261
38308 29665 18671 07728 12810 60603 53287 19391 58874 03777
04024 00448 66164 75939 71811 16363 41082 79484 95553 71303
27684 25785 62590 28985 55648 93773 95181 14858 94981 22227
06055 60586 22145 59172 38754 76750 27322 16860 36662 64698
17418 05745 06203 03510 94642 45904 68088 72982 15853 79334
12361 98600 57833 31570 00260 29410 57017 96050 79816 84736
80252 39680 07403 30696 94386 53018 92430 72426 70506 93533
07377 72973 22145 95364 30333 34783 56467 44022 12261 04724
43138 39464 86136 88579 90551 95998 60190 85960 64109 52429
62396 81552 86241 90896 28442 53656 22848 87852 50321 85952
85857 45592 27772 93420 06587 77800 89732 98357 59583 47527
77998 17434 41652 36183 00000 00000 +++++ +++++

Strange how both messages claim serial number #36, apparently not a decode error. F06 sent two messages as well that day.

F01: 13370/11538/10614 kHz, 06-03, 0230/0240/0250 UTC. Not monitored

F01: 13370/11538/10614 kHz, 07-03, 0230/0240/0250 UTC

15763 98030 64364 22587 29407 81704 57565 50548 17951 62953
30568 19959 40036 13668 11257 87414 39448 31851 60036 81858
70549 12536 43160 65002 69125 45753 41319 68017 04571 21235
91922 96673 74373 44545 88506 22135 26805 94341 85703 99578
22786 75384 83225 81836 72840 47108 87282 20245 10087 32311
72880 69886 85206 35733 95435 41414 94312 27182 25145 66647
75677 68890 02547 70122 36237 91806 38706 63790 93824 50496
08477 07042 46057 11343 10254 99259 01825 53738 90680 97065
36317 88948 57723 73478 55513 26344 30574 61140 81093 41678
99791 46816 91688 27107 96151 09356 81419 27633 91612 18293
21664 93661 80854 35281 36970 04361 16816 85544 31080 41504
98683 91544 23985 18499 35746 86030 85951 94265 35573 46679
79456 26678 89952 19500 44975 45237 57003 23201 91550 47670
62936 51696 78085 50144 71866 16947 96294 45782 97139 99322
91257 51165 52590 97664 80501 45510 67188 96250 57561 32212
11497 90840 90950 77435 09385 37155 00000 00000 00000 00000

46066 85045 47096 75352 42922 18482 41201 86267 28243 42861
72193 87792 74070 89858 30751 69826 87388 56865 91210 15933
20466 52467 07698 27774 11768 94748 74426 70345 30874 29628
86095 17695 25833 61388 59313 03823 96400 12610 01004 08437
41590 55685 34717 32272 54982 83094 20789 41631 66219 08652
31286 86866 52132 16885 65676 24465 65938 02749 18152 97441
57929 68866 32559 53711 86121 72466 05858 07146 40261 39221
26052 70992 27668 86164 55539 18338 94316 20884 95794 49314
79617 09158 94353 69732 28327 28256 80006 10829 08018 48051
37161 44805 05560 07168 55294 75167 01040 76329 14450 11435
42560 26085 92700 43209 70350 41173 06522 92803 63642 48574
20015 01603 08725 51584 83916 69549 11634 87008 90326 72545
03913 47686 54097 13157 14865 37537 56826 84299 08761 51322
14375 50611 10413 96286 53866 77173 67575 97893 11090 60298
23593 56827 84257 40039 98741 49444 05042 99145 03702 88882
12833 78108 33591 88993 43169 61027 16009 98292 66246 11954
11517 96126 36481 66412 89998 68221 39029 07787 31341 03826
44231 83257 23863 81617 05893 38976 58935 36563 64355 79162
45241 24930 13176 08386 66559 29628 30144 04764 28218 73065
39206 24589 75604 29719 13176 08386 66559 59597 54232 52760
87710 76779 32457 81935 03209 04232 28855 05578 62633 67079
70050 38211 00000 00000 +++++

F01: 13370/11538/10614 kHz, 08-03, 0230/0240/0250 UTC. Not monitored (Women's Day holiday)

F01: 13370/11538/10614 kHz, 11-03, 0230/0240/0250 UTC

F01: 13370/11538/10614 kHz, 12-03, 0230/0240/0250 UTC

20732 46837 93144 14944 57011 66515 03936 35871 21407 11784
69294 70540 98107 31886 51922 89865 03671 94545 90113 58721
04544 17326 73329 07597 44061 46365 54597 88323 89849 37154
73159 81075 37580 17054 85816 44828 32011 34240 30397 28462
91246 22761 69792 84693 45156 38394 89998 54032 23900 44996
50602 10941 57478 56020 11137 89388 72260 60907 81759 29992
95421 91016 71689 15919 03229 04803 33822 89753 74107 96917
28986 68507 32440 60921 58260 98954 94014 60298 36797 20498
49075 87458 07580 27731 43909 15420 18575 49903 46906 71841
11683 89462 10025 90127 96952 86866 61609 17249 10487 03858
91490 83002 79475 42371 14313 60385 42794 41290 22015 71756
00605 18204 61409 20507 91404 48386 97807 52882 19950 98161
50603 79692 84489 54857 11770 12551 76767 20519 83217 _____
_____ 93914 28762 00702 31732 82750 38082 45546 09979
58049 04740 78772 21405 69681 75522 96498 32512 54710 33583
78626 38498 42518 67797 54368 84612 30334 94164 28018 88786
65111 08955 63419 57715 92694 78275 50561 13580 60202 93756
02738 73611 82576 49030 57716 49671 09229 16704 81343 60030
51712 30508 97033 70556 58382 02306 89566 07475 46954 28656
56647 08895 30912 66608 06695 07309 00709 83435 26015 60215
45677 09965 64647 71092 27615 52223 12910 67880 41954 41060
68488 31171 27475 24454 16665 89297 10488 32181 72398 22504
94430 67527 57664 43379 30803 05747 12486 45758 32399 03947
63086 39254 14752 52076 95618 11639 76745 19726 08892 86227
56321 78412 44541 66479 22219 04034 18073 84991 87689 22504
54430 67527 57126 20092 15139 00090 41529 97596 74552 28764
03768 07325 36860 13624 19561 68270 74058 74778 65112 14760
99265 60216 67358 91394 60172 06812 77729 65669 20875 43222
55405 87942 80519 76867 70966 53477 02202 32187 66399 46200
50557 32340 32382 68901 61485 41563 88802 89541 92434 10352
79423 58356 26692 90665 16653 75455 30117 13338 37354 13597
83750 44884 55614 25817 40746 65884 23439 92620 81048 38146
35283 88407 62265 52812 37370 71817 90171 76625 27740 29696
57277 38514 57945 29361 22899 23706 72358 58852 33170 67540
46002 59864 04441 66187 06860 83031 18479 46434 53594 20276
02937 61753 04614 93886 95503 06819 39422 07027 15192 67675

18195 85351 89180 49732 90511 64431 08674 50779 29189 02659
12192 71213 50146 24333 19750 78652 04247 22612 66341 69139
52045 77005 08186 92106 57387 65115 00165 31309 60791 73298
39390 00000 00000 +++++ +++++ +++++

F01: 11538/10614 kHz, 13-03, 0240/0250 UTC

F01: 13370/11538/10614 kHz, 14-03, 0230/0240/0250 UTC

16890 07637 03489 79893 05359 63609 02956 32566 32027 46578
31468 71086 42630 80511 60302 84050 16154 15389 89626 98633
95197 72775 45120 07471 39094 05171 43449 39762 98218 61305
87521 81314 32931 74590 77468 73192 25577 16892 48287 43670
59002 84831 70074 53167 60001 10792 71800 56873 31145 15812
74559 14719 19431 46572 45221 03411 95181 63641 06435 10157
39635 73189 63919 13063 64666 19333 36976 77038 13075 79327
03156 21306 12876 28764 93032 36795 84028 68984 96006 58957
21053 33887 63080 25402 99951 18310 17549 73078 82897 95192
09529 54706 19098 13687 75285 79119 65306 95416 87271 05236
74384 71069 05830 44318 25373 24505 68495 50227 93509 36572
77829 02351 83619 45821 73731 10894 75322 68299 01152 99225
53497 43610 09164 42955 22436 99437 42309 70439 27125 51707
10179 54404 30097 82586 46141 49366 17282 63499 91175 54537
31303 15349 63742 06913 55649 23137 01618 34221 98166 47162
86644 22417 47303 97993 88334 77421 99538 67391 87244 85788
81457 32380 64084 03975 14870 74655 65484 30919 98453 82500
82352 43608 04329 27421 01780 00320 13008 32665 18405 41220
35172 75834 16202 41027 93695 92754 56600 93396 64359 74811
33907 31748 98700 76926 83937 16190 77420 78367 56815 41259
67803 63577 89862 44138 83572 15208 41537 18055 70625 36555
72325 60541 67088 45563 83561 11246 11120 07618 50082 58983
94912 99274 07676 22709 88315 20148 81248 36107 80529 95127
64652 90481 13305 34110 88110 15635 04080 41443 34176 03417
82493 92262 88171 03647 88726 17909 34023 47075 07084 67618
31462 75096 33276 38667 35491 80875 58824 92159 44092 91594
01041 96651 85079 46496 11999 66791 78058 50422 64959 89169
32419 07518 41666 52559 67296 64811 08962 24743 64450 20329
78157 43107 89984 75465 85589 11192 45856 36266 17815 18389
37104 93332 29860 24968 65738 35021 29985 79627 87234 73631
29383 61745 90548 89280
40305 00000 00000 +++++ +++++ (March 13th)
40304 00000 00000 +++++ +++++ (March 14th)

The same message was sent on March 13th and 14th, except that on March 13th, the serial-gc postamble group indicated a wrong count of 305 groups - while on March 14th it indicated a correct count of 304 groups. These are apparently not decode errors. F06a repeated March 13th's file on March 14th as well, except for an alteration with the last byte of the file.

F01: 13370/11538/10614 kHz, 15-03, 0230/0240/0250 UTC
F01: 10614 kHz, 15-03, 0250 UTC

Idle carrier
00000 +++++ +++++ for 3 minutes then abruptly off

This at 0255z was a proper, normal F01 null. F06 sent abnormal empty transmissions that day.

F01: 13370/11538/10614 kHz, 18-03, 0230/0240/0250 UTC

21055 52281 71555 48249 81081 56529 37107 16183 14980 63494
90837 37084 _____
_____ 44577 24118 09422 93682 27439 02278 50632
07549 14679 22045 37519 33327 _____
_____ 66625 83493 70083 _____
_____ 02015 87728 37572 74804 34377 90914 50120
69377 10055 01650 56818 24533 76875 04565 83240 55228 20051
52793 _____ 14572 02863 28429 97247 73448 75841
24077 18220 36806 _____
_____ 90975 98112 56714 _____
_____ 67711 85080 48729 52994 39285 95033 17425 83596 90325

52372 74862 24791 67800 04605 96936 22827 11836 71671 54509
66755 06832 45280 30829 59506 04556 48104 32274 84505 30138
07530 79843 39329 06921 _____
_____ 43861 10647 19362 _____
_____ 34322 09903
35347 14236 87667 40655 80844 09737 16273 33471 37765 54450
56990 06306 65654 99833 50715 94055 25236 28360 78738 22722
19538 95246 92707 03485 43150 _____ 60514 66776
89794 _____ 74775 43573 92128
_____ 19480 91835 87725 02443 50727 82463 01815
72450 72701 22616 06999 85634 00604 00453 29902 79183 15760
74533 97957 38485 61206 _____
18958 46377 16885 _____ 99833 06285 15420 53218
66544 58306 _____ 41214 55659 07209 _____
_____ 87168 63568 55604 26660 64648 34859
_____ 64874 17987 50432 05890 68418 27577 82650
12832 54535 32007 27981 75206 44528 64175 87987 60417 48901
31034 14236 87667 40655 53954 79737 25433 59632 93242 69405
90994 28915 23872 27913 31710 80318 _____ 81413
08305 20519 00673 23347 03695 52543 18502 12639 08989 63701
50354 15414 56340 47443 01945 27507 36237 87732 25677 48898
83352 07228 05327 _____ 55570 89474 98343 24949
71831 13352 70568 00152 67747 _____ 08933 48163
49553 _____
_____ 54178 65395 52035 87236 44493 18103 _____
_____ 78374 85676 00437 16668 90972
58156 46888 52314 01673 51614 02150 05390 95486 85810 13528
41987 05649 15768 75344 41394 00000 00000 +++++ +++++

F01: 13370/11538/10614 kHz, 19-03, 0230/0240/0250 UTC. Not monitored

F01: 13370/11538/10614 kHz, 20-03, 0230/0240/0250 UTC. No transmissions
Sporadic schedule activity event in Europe, no F06, F01, S06 or M14 Pacific transmissions that day.

F01: 13370/11538/10614 kHz, 21-03, 0230/0240/0250 UTC
No F06, F01, S06 or M14 Pacific transmissions that day.

F01: 13370/11538/10614 kHz, 22-03, 0230/0240/0250 UTC. Not monitored

F01: 13370/11538/10614 kHz, 25-03, 0230/0240/0250 UTC
+++++ +++++ +++++

This is not even a null, an F01 null would be 00000 +++++ +++++, and +++++ groups are just padding. Instead this is another abnormal empty transmission. F06 sent abnormal empty transmissions as well that day (Raw block contents: ")5811 ++++++63 " - if only this could help us reverse-engineer F01 checksums!)

F01: 13370/11538/10614 kHz, 26-03, 0230/0240/0250 UTC
79957 76550 41418 63774 33145 30486 07237 54324 96989 24220
43667 51377 25890 63822 88673 25758 33937 65370 79107 15101
78775 76702 93774 90472 25890 63822 88673 _____
05078 50730 70685 _____ 79451 38560 85790 15368
30293 64749 84369 84989 54921 34840 91340 11321 88393 33464
51616 02689 66177 82079 92636 20797 76039 33378 42327 56271
55906 48202 28075 83279 82982 47178 58013 93719 66165 54238
30201 44849 01585 74229 64839 92537 17876 71785 67403 50657
91894 43664 59054 86901 46564 01721 60276 84722 79286 08719
38672 26057 94355 34159 56859 74553 37821 22316 81398 63966
58215 89667 38696 21418 41615 93905 28814 80209 94440 48723
33135 61870 72456 27548 76801 32132 79401 20427 31888 60520
83674 41247 72227 38241 26537 97462 15834 34060 20251 67542
15868 92855 59594 52305 86068 06537 95195 35340 71594 12008
42122 19690 01218 95875 22158 33002 81798 10584 63211 18315
20986 31654 04292 52680 89073 10731 40269 47641 13786 56364

80813 47203 64143 81499 13357 44924 23675 44481 21203 80404
40044 09746 07492 26035 10898 36402 97136 28229 52549 02276
35579 70810 42205 58804 82046 35046 86856 19248 69309 92191
54771 59873 28385 20748 30510 38821 01618 65606 79431 62336
92570 81282 32587 53049 26181 26419 27983 99989 17597 01740
69119 95034 73153 48653 86743 42215 00000 00000 00000 00000

57852 84270 _____ 26253 41429 36356 33894 99390
57440 33162 27366 42382 52636 20797 76039 95478 52920 26984
84620 99653 85379 73271 66392 12041 24230 48489 29248 _____
_____ 18847 79798 51189 27840 67336 59703 _____
_____ 70651 20755 37125 45847 36708 16846 15575 32816 68887
83073 70630 53985 35729 79981 57242 40269 47641 13786 56364
80813 47203 56633 99994 66934 22610 82581 98828 _____
_____ 99203 40556 87008 28004 53047 85547 44262 42837 05487
16377 27786 38505 29834 46935 18733 54243 64610 56625 23083
39751 32319 02958 28352 07486 44637 66263 20944 88173 23722
74985 06336 00479 94323 84972 99278 70777 26375 11202 76212
63957 32769 35402 07070 11197 51994 37969 08663 45653 70316
27657 86839 _____ 59600 00727 60696 20044 78354
23225 66327 61456 89512 88446 84429 36058 03593 67227 35367
51606 64042 75117 63470 37632 32948 69690 67323 15650 35828
43261 07112 94620 32697 46953 68696 10106 07585 07049 89128
70549 93705 19561 73262 59128 76446 33973 56179 64603 41393
62067 91095 99619 59545 72788 67450 09872 26941 59090 88847
82600 00852 87680 65559 27836 99753 67619 01263 30827 59258
98702 78700 99114 61173 85566 73958 52656 77917 28454 54043
43200 00000 00000 +++++ +++++ +++++

F06 sent two messages as well that day.

F01: 13370/11538/10614 kHz, 27-03, 0230/0240/0250 UTC

F01: 13370/11538/10614 kHz, 28-03, 0230/0240/0250 UTC

60863 43281 91480 48102 09746 37731 36868 55470 22489 49601
80245 08806 52947 28509 46437 90891 83367 02364 33357 58169
05316 50745 22674 12807 73746 44012 19088 17828 76408 59066
72904 28746 85766 07719 65604 40140 85630 38579 63080 70611
89678 98438 66242 34551 94064 64042 13674 74167 31297 80218
16025 50205 17564 65296 26830 14785 10718 69742 79441 14821
21082 98950 44762 99431 42277 36146 89467 29803 94261 26305
39403 14917 95758 07066 77842 21612 08270 97532 33301 32382
18859 80944 36586 49380 53886 42111 51769 68041 40897 45587
10778 68778 60834 65498 06284 00177 57774 02967 22580 52135
98370 52068 09135 42380 98188 00273 26508 64801 57123 74282
19320 73041 71089 67225 95954 97771 12170 08128 19696 21098
94396 59621 40966 56544 67381 54791 25378 08020 04952 09144
57263 06246 81003 68590 23386 46053 49739 79416 06514 72994
72496 91153 43543 92717 58340 28306 27860 01520 10616 91851
60627 61542 96644 76478 80687 69023 82751 14473 27764 89060
01815 82205 18651 55307 45516 30157 41080 58054 98494 22413
94947 69128 56575 96571 35599 77040 96269 79995 98841 30827
87736 23348 12393 16020 68380 37360 23434 11186 19288 43749
96974 98464 11681 76239 64690 26552 15578 92613 28952 49562
87849 83743 51710 90201 81856 90524 82925 00707 45854 64663
08254 19959 02360 34244 20634 50243 25657 60025 45514 02061
59643 93390 74354 80456 43180 71899 86140 11278 35171 13373
61552 30818 56514 94450 19512 87276 91151 24563 30775 27472
13380 51243 88260 67243 33622 57732 38807 68983 79839 38799
06045 74742 56783 65728 59063 68326 50256 76398 06574 64842
68590 44261 00000 00000 +++++ +++++ +++++

F06a repeated March 27th's file on March 28th as well.

F01: 11538/10614 kHz, 29-03, 0240 UTC

00000 +++++ +++++

F06 sent a null as well on that day.

X06 - Mazielka

X06c

12100 kHz, 21-03, 1224 UTC, MFSK-6 123456

F02 – Russian domestic net

Mode: MFSK-4/150Bd/4000Hz

4627 kHz, 14-02, 1222 UTC

4973 kHz, 21-02, 1210 UTC

8016 kHz, 29-02, 0937 UTC

5449 kHz, 04-03, 1400 UTC

7656 kHz, 11-03, 0823 UTC

7656 kHz, 11-03, 1124 UTC

9300 kHz, 11-03, 1212 UTC

9300 kHz, 12-03, 0727 UTC

9345 kHz, 13-03, 0432 UTC

14678 kHz, 19-03, 0824 UTC

15662 kHz, 19-03, 1635 UTC

13395 kHz, 20-03, 1035 UTC

11135 kHz, 20-03 1052 UTC

11480 kHz, 20-03, 1420 UTC

11480 kHz, 20-03, 1435 UTC

18953 kHz, 21-03, 0635 UTC

20768 kHz, 21-03, 1043 UTC

F07

10244 kHz, 05-03/07-03/12-03/14-03/19-03/21-03/26-03/28-03, 2100 UTC

9379 kHz, 05-03/07-03/12-03/14-03/19-03/21-03/26-03/28-03, 2110 UTC

8161 kHz, 05-03/07-03/12-03/14-03/19-03/21-03/26-03/28-03, 2120 UTC

7518 kHz, 05-03/07-03/12-03/14-03/19-03/21-03/26-03/28-03, 2130 UTC

6783 kHz, 05-03/07-03/12-03/14-03/19-03/21-03/26-03/28-03, 2140 UTC

5864 kHz, 05-03/07-03/12-03/14-03/19-03/21-03/26-03/28-03, 2150 UTC

HM01 - Dirección General de Inteligencia

10345 kHz, 01-03, 0627 UTC

Groups 64783 20433 41826 87816 15254 72821

Files 72126478.TXT 16482043.TXT 46504182.TXT 34738781.TXT 61411525.TXT 20777282.TXT

Callsign QWERTY01

14375 kHz, 02-03, 0625 UTC

Groups 64785 20435 84451 87818 15256 72823

Files 72126478.TXT 16482043.TXT 22728445.TXT 34738781.TXT 61411525.TXT 20777282.TXT

Callsign QWERTY01

10345 kHz, 03-03, 0638 UTC

Groups 64786 20436 84451 12671 15257 72824

Files 72126478.TXT 16482043.TXT 22728445.TXT 50021267.F1C 61411525.TXT 20777282.TXT

Callsign QWERTY01

10345 kHz, 04-03, 0609 UTC

Groups 64787 20437 84452 12671 15258 72825
Files 72126478.TXT 16482043.TXT 22728445.TXT 50021267.F1C 61411525.TXT 20777282.TXT
Callsign QWERTY01

14375 kHz, 05-03, 0603 UTC. Repeat of 27 February

Groups 64488 58479 41822 87812 15251 68015
Files 21606448.TXT 47715847.TXT 46504182.TXT 34738781.TXT 61411525.TXT 50666801.TXT
Callsign QWERTY01

10345 kHz, 06-03, 0600 UTC. Repeat of 28 Feb.

Groups 64781 20431 41823 87813 15251 68016
Files 72126478.TXT 16482043.TXT 46504182.TXT 34738781.TXT 61411525.TXT 50666801.TXT
Callsign QWERTY01

14735 kHz, 07-03, 0605 UTC. Repeat of 29 February

Groups 64782 20432 41825 87815 15253 72821
Files 72126478.TXT 16482043.TXT 46504182.TXT 34738781.TXT 61411525.TXT 20777282.TXT
Callsign QWERTY01

8 March: not heard

11345 kHz, 09-03, 1615 UTC. Repeat of 2 March

10 March: not monitored

10345 kHz, 11-03, 0600 UTC. Repeat of 4 March

12 March: not heard

10345 kHz, 13-03, 0602 UTC

Groups 64789 57301 84454 12673 80731 72827
Files 72126478.TXT 25825730.TXT 22728445.TXT 50021267.F1C 25768073.TXT 20777282.TXT
Callsign QWERTY01

13435 kHz, 14-03, 0700 UTC

Groups 23551 57301 84455 12674 80731 75201
Files 84412355.TXT 25825730.TXT 22728445.TXT 50021267.F1C 25768073.TXT 65117520.TXT
Callsign QWERTY01

10345 kHz, 15-03, 0603 UTC

Groups 23551 57301 84456 12675 80732 75201
Files 84412355.TXT 25825730.TXT 22728445.TXT 50021267.F1C 25768073.TXT 65117520.TXT
Callsign QWERTY01

13435 kHz, 16-03, 2144 UTC

Groups 23552 57303 84457 12676 80733 75202
Files 84412355.TXT 25825730.TXT 22728445.TXT 50021267.F1C 25768073.TXT 65117520.TXT
Callsign QWERTY01

10345 kHz, 17-03, 0640 UTC

Groups 23553 57304 84458 12677 80734 75203
Files 84412355.TXT 25825730.TXT 22728445.TXT 50021267.F1C 5768073.TXT 65117520.TXT
Callsign QWERTY01

9065 kHz. 18-03, 0800 UTC

Groups 23554 57305 83871 12678 80735 75204
Files 84412355.TXT 25825730.TXT 50828387.F1C 50021267.F1C 25768073.TXT 65117520.TXT
Callsign QWERTY01

14375 kHz, 19-03, 0557 UTC

Groups 23555 57306 83871 12679 80736 75205
Files 84412355.TXT 25825730.TXT 50828387.F1C 50021267.F1C 25768073.TXT 65117520.TXT
Callsign QWERTY01

10345 kHz, 20-03, 0604 UTC

Groups 23556 57307 83872 63771 80737 75206
Files 84412355.TXT 25825730.TXT 50828387.F1C 75236377.TXT 25768073.TXT 65117520.TXT
Callsign QWERTY01

13435 kHz, 21-03, 0700 UTC

Groups 23551 57301 84455 12674 80731 75201
Files 84412355.TXT 25825730.TXT 22728445.TXT 50021267.F1C 25768073.TXT 65117520.TXT
Callsign QWERTY01

10860 kHz, 22-03, 0545 UTC

Groups 23559 58751 83875 63773 73611 41321
Files 84412355.TXT 50185875.F1C 50828387.F1C 75236377.TXT 57577361.TXT 23804132.TXT
Callsign QWERTY01

23 March: no reports / not heard

10345 kHz, 24-03, 0604 UTC

Groups 55462 58754 86561 63776 73613 41323
Files 50085546.F1C 50185875.F1C 03008656.TXT 75236377.TXT 57577361.TXT 23804132.TXT
Callsign QWERTY01

10860 kHz, 25-03, 0541 UTC

Groups 55464 58756 86562 63778 73615 41325
Files 50085546.F1C 50185875.F1C 03008656.TXT 75236377.TXT 57577361.TXT 23804132.TXT
Callsign QWERTY01

14375 kHz, 26-03, 0541 UTC. Repeat of 25 March

11435 kHz, 26-03, 1645 UTC

Groups 46261 68134 86568 00774 51071 75441
Files 30714626.TXT 50546813.F1C 03008656.TXT 41460077.TXT 02575107.TXT 05647544.TXT
Callsign QWERTY01

10860 kHz, 27-03, 0554 UTC

Groups 46262 68136 60671 00776 51073 75443
Files 30714626.TXT 50546813.F1C 50166067.F1C 41460077.TXT 02575107.TXT 05647544.TXT
Callsign QWERTY01

11462 kHz, 28-03, 0605 UTC

Groups 46263 68137 60672 00777 51074 75444
Files 30714626.TXT 50546813.F1C 50166067.F1C 41460077.TXT 02575107.TXT 05647544.TXT
Callsign QWERTY01

10860 kHz, 29-03, 0530 UTC

Groups 46264 68138 60673 00778 51075 75445
Files 30714626.TXT 50546813.F1C 50166067.F1C 41460077.TXT 02575107.TXT 05647544.TXT
Callsign QWERTY01

11435 kHz, 30-03, 1558 UTC

Groups 46265 68139 60674 00779 51076 75446
Files 30714626.TXT 50546813.F1C 50166067.F1C 41460077.TXT 02575107.TXT 05647544.TXT
Callsign QWERTY01

10860 kHz, 31-03, 0547 UTC

Groups 46266 65361 60675 73411 51077 75447
Files 30714626.TXT 73076536.TXT 50166067.F1C 32877341.TXT 02575107.TXT 05647544.TXT
Callsign QWERTY01

P07

10328 kHz, 03-03/06-03/10-03/13-03/17-03/20-03/25-03/27-03/31-03, 1500 UTC
9388 kHz, 03-03/06-03/10-03/13-03/17-03/20-03/25-03/27-03/31-03, 1510 UTC
9062 kHz, 03-03/06-03/10-03/13-03/17-03/20-03/25-03/27-03/31-03, 1520 UTC
8134 kHz, 03-03/06-03/10-03/13-03/17-03/20-03/25-03/27-03/31-03, 1530 UTC
7886 kHz, 03-03/06-03/10-03/13-03/17-03/20-03/25-03/27-03/31-03, 1540 UTC
7462 kHz, 03-03/06-03/10-03/13-03/17-03/20-03/25-03/27-03/31-03, 1550 UTC

Q26 - Chinese military

20120 kHz, 20-03, 0646 UTC

2QD2 2VSSWHIB 4WVB QSA? ///
2QS2 211DE 4WVB 4WVB 4YVB2QS2 2QS2 2QS2 DE 4WVB 4WVB
2QD2 *\$\$"2 2B 4WVB QSA? ///MOGB
2QS2 211DE 4WVB 4WV2QS2 2QS2 2QS2 DE 4WVB 4WVB
2QD2 *\$\$"2 2QSDW DB 4WVB QSA? ///MOB
2QS2 211DE 4WVB 4WVB 4YVB2QS2 2QS2 2QS2 DE 4WVB 4WVB
2QD2 *\$\$"2 2B 4WVB QSA? ///MOGB
2QS2 211DE 4WVB 4WVB 4YVB2QS2 2QS2 2QS2 DE 4WVB 4WVB
2QD2 *\$\$"2 2B 4WVB QSA? ///MXKMOXF
2QS2 211DE 4WVB 4WV2QS2 2QS2 2QS2 DE 4WVB 4WVB
2QD2 *\$\$"2 2B 4WVB QSA? ///M
GB

XPA1

14451/13451/12151 kHz, 01-03/06-03/08-03, 1310/1330/1350 UTC

441 441 441 1 441 441 441 1 441 441 441 1
00484 00114 02714 51949 11208 02570 56220 60635 22348 71524
24239 64088 60319 53377 57244 30299 97329 06298 10146 15293
40619 37232 38105 05154 70747 89587 75446 12461 48175 01517
24046 90214 65797 77871 50344 39440 01673 61237 64273 15792
11329 43610 83886 02221 50035 04778 65542 50475 39431 28939
62505 64945 09814 18915 92629 05405 04449 73347 32075 09552
04820 49617 74659 73682 17497 72490 18994 15848 29363 77199
34210 75658 27110 04548 53906 72546 09838 07165 28484 22733
37072 57434 13138 15467 64567 17576 10945 80360 39357 26587
72819 63455 99705 72373 92510 37907 79030 99769 19363 01160
02548 25249 03297 19519 89180 06572 71547 78790 50261 60555
65830 18404 50730 77083 74905 83786 30145

14451/13451/12151 kHz, 13-03/15-03/20-03/22-03, 1310/1330/1350 UTC

441 441 441 1 441 441 441 1 441 441 441 1
00430 00103 73375 88493 79495 18483 00337 44235 32876 20072
94158 31005 17909 92691 91422 06447 61246 62169 20137 60116
41147 83426 40241 43673 71637 84371 49907 49988 74574 35285
05156 92960 80959 61190 13732 48817 80880 81667 54369 42900
98044 87781 89708 74084 55479 62423 44986 99254 77798 56449
26589 19527 98755 53051 94062 06181 32899 34192 60519 55688
31918 06683 62015 79833 17943 19469 37988 70167 32664 63590
44330 50536 11651 79108 75468 51250 53921 76839 13924 77430
73634 82345 65383 46354 28540 75851 03048 30576 75014 89775
50639 88970 41887 33832 41179 38522 86241 48404 41962 94943
83093 37435 10341 34094 21046 03270

14451/13451/12151 kHz, 27-03/29-03, 1310/1330/1350 UTC

441 441 441 1 441 441 441 1 441 441 441 1
01970 00126 19856 98467 65719 69040 95831 35855 96810 66588
39678 91721 90979 79364 95904 17688 07503 56228 30681 10313
24447 65723 48160 20353 58998 16635 13835 09905 85724 12613

20223 96667 50094 16764 91465 72163 61968 68265 82413 29647
06993 56244 73288 96022 16046 39695 19740 96477 59302 45265
91131 75188 39946 82701 09850 80408 07012 18096 46832 99562
56220 52830 71998 97766 03627 77397 04543 66929 01170 33377
83214 24742 80270 84852 63562 84027 22677 00311 97337 07784
58510 72293 43526 83889 51356 48628 79033 82306 63269 10985
63732 59973 04874 52320 88183 64850 64980 19841 91380 71851
70334 58933 74170 91553 98218 29494 55492 39927 87754 36755
09172 51699 85764 14368 22926 80302 44496 00241 28976 53774
15432 68434 31959 75005 24338 59285 46018 04916 02421

XPA2

15956/17456/18656 kHz, 0900/0920/0940 UTC

15956/17456/18656 kHz, 01-03, 0900/0920/0940 UTC

02065 00001 00000 33660

15956/17456/18656 kHz, 03-03, 0900/0920/0940 UTC

04813 00001 00000 36655

15956/17456/18656 kHz, 08-03, 0900/0920/0940 UTC

06814 00000 00000 30160

15956/17456/18656 kHz, 15-03/17-03, 0900/0920/0940 UTC

00395 00101 71134 50030 18543 94482 10762 01621 02938 51896
93518 19667 59087 75959 52187 20538 18471 56476 97326 89223
17300 58756 73332 33843 41965 15699 77881 23243 80366 68024
65239 37474 97293 84140 58863 61776 56625 85614 24592 52670
93371 29436 98769 12613 60170 64258 82696 10714 61820 08189
61585 76677 94629 03563 88318 82833 19473 20081 70591 14321
18142 69196 45356 99261 42981 84848 85737 77362 33267 22804
44611 77164 84196 36378 23668 02415 17225 87588 77002 03360
37624 78232 65061 30414 42504 02639 68997 95731 94747 63685
18400 09236 30297 71220 32564 57098 39444 74985 04066 11116
92547 06148 24952 24333

15956/17456/18656 kHz, 22-03, 0900/0920/0940 UTC

03419 00001 00000 37654

15956/17456/18656 kHz, 24-03, 0900/0920/0940 UTC

05339 00001 00000 37260

15956/17456/18656 kHz, 29-03/31-03, 0900/0920/0940 UTC

00478 00060 81409 54657 01514 04946 36081 18588 48330 22078
98008 85442 04561 43912 70515 36530 32479 36917 31139 64545
04019 93650 60059 89050 74032 42850 88293 57180 38090 78929
20618 00371 99489 37096 36986 75123 17807 97461 79155 77349
82222 50828 29157 75170 49866 01136 75590 51803 84126 29801
48043 06521 86900 44400 39870 25807 16941 55086 45265 54694
91763 31370 45717

14639/13539/12139 kHz, 1100/1120/1140 UTC

14639/13539/12139 kHz, 01-03, 1100/1120/1140 UTC

06195 00001 00000 34267

14639/13539/12139 kHz, 05-03/08-03/12-03/15-03, 1100/1120/1140 UTC

00129 00180 83567 64510 52513 68707 41451 04621 48096 51171
13577 71665 28863 72979 18877 36053 50635 75332 39327 00853
58370 46606 19445 55901 36253 90056 71825 35399 66027 92022
48675 35842 22866 77444 68356 27052 57818 34655 18808 49275

22527 42922 47877 55477 82226 52224 86351 57550 09020 26222
11244 34070 83674 94804 16716 04436 22404 12227 01774 74412
73191 97929 07801 56044 79677 12222 11458 37490 71729 84078
92963 90822 00633 00155 19423 93019 33747 75923 34994 45949
62367 52755 11901 86517 41740 94161 41351 94638 73170 18979
21109 39330 53304 21190 18867 53484 85637 26457 47042 92780
38101 90756 83031 22911 73954 79045 30665 06966 48300 35666
03815 73272 19546 90037 67510 45238 84571 48633 98858 01057
40020 51444 86758 30207 88424 60278 67594 47297 37323 11489
54875 16391 66563 09864 25218 73653 34653 03484 97754 30321
17168 65768 47423 80947 80511 67628 45468 50174 99600 54098
69099 89577 71910 90040 39134 23476 90198 38860 20835 39332
35565 27952 66795 15431 59594 06785 63219 78427 52691 86246
90485 82394 96972 77782 41835 64720 47102 28339 91430 93460
54798 42373 30616

14639/13539/12139 kHz, 19-03, 1100/1120/1140 UTC

05162 00001 00000 32663

14639/13539/12139 kHz, 22-03, 1100/1120/1140 UTC

07029 00001 00000 35661

14639/13539/12139 kHz, 26-03/29-03, 1100/1120/1140 UTC

00250 00089 23932 17745 80322 86756 30490 87885 74598 12020
54866 49419 85332 73170 43011 01554 23643 45157 98573 69917
00273 61955 77135 49835 56119 27127 25194 04941 74223 76286
63635 34832 57602 62714 89121 73072 50994 64623 34108 26263
66961 65753 01457 55693 33154 43954 56353 97260 15527 35415
17970 16159 04187 59580 23255 69005 90693 48783 79711 28444
68325 28380 12142 21793 01021 50351 87473 92244 15064 64854
50075 33622 54430 10639 67855 49478 54253 36051 02340 49413
07438 84915 83446 68894 66734 18930 60041 47928 45570 37848
21773 35636

14956/16356/17456 kHz, 1100/1120/1140 UTC

14956/16356/17456 kHz, 01-03, 1200/1220/1240 UTC

08242 00153 05070 40006 44506 53350 54299 61311 36072 95221
32180 50056 90637 11153 79310 61067 45554 91970 75014 30698
56421 18152 19465 68930 41994 29955 83507 93354 53996 16666
78244 06141 02867 58438 82676 16993 82342 26516 25932 77060
13056 67543 14149 47412 94346 73880 78761 69630 08486 22997
21762 63737 95814 39291 05500 78441 65108 19194 86327 63269
63555 87810 83617 69531 16086 73820 24807 25363 74698 62630
74645 46937 19281 37965 86296 84375 03011 13454 31222 67810
07057 72719 05777 51909 89693 55179 09922 30370 80781 34170
97557 75467 12510 48080 39830 19535 21238 11183 15235 60650
11459 03224 44225 03659 73630 76707 60773 61169 14118 48611
27122 20585 34049 18050 71248 11647 49568 92441 44207 38677
48790 58163 91384 79911 17304 62450 26251 85381 54286 41813
37801 49666 36631 56850 42432 92935 89840 43669 68967 18787
56520 72456 55105 37691 97625 81552 41194 76993 57934 19820
52580 60928 65198 89196 06581 37615

14956/16356/17456 kHz, 06-03/08-03, 1200/1220/1240 UTC

00499 00210 11169 40897 32655 94541 29862 93800 34947 17261
47458 13649 41088 13129 91156 85391 61229 18798 97007 53952
08087 85922 10653 30021 02303 82746 57789 07101 15892 08283
25751 05304 28644 47189 51358 28503 95741 93258 41572 90844
77151 63639 05339 62965 62398 35408 98732 10527 44020 53635
22008 69645 15408 01600 39565 92931 39010 84293 53133 17366
21211 42327 26144 72384 16267 88141 93665 18958 99120 57307
65609 84684 73158 10923 98570 02742 22592 73491 57690 89755

73676 65961 12619 27807 10132 11847 01164 89997 87836 99367
08708 56826 90280 89733 30384 79895 57879 77610 82242 83878
55309 08509 99085 82232 41323 83570 13585 87373 88744 14822
33313 45522 36071 38624 26908 78080 67359 57176 10332 02928
88010 10073 81565 11636 16006 48387 16037 10323 35502 74520
87125 61739 71342 24345 42502 83556 87799 06062 57273 07316
75051 48989 05567 17221 35344 93027 29403 36413 76741 26644
66823 96806 41163 76150 53512 25156 00683 58202 64879 08481
66468 23348 98169 40953 25694 09185 84051 43613 89888 16760
74687 50998 99288 52024 60636 68501 08725 53926 62643 17343
79515 46431 03462 39743 88551 48934 30655 20207 66611 22489
01022 68377 77732 75438 37811 64494 43288 76072 85898 87680
67682 84296 06787 49256 44008 60426 30198 10416 49825 29256
40743 88619 66450

14956/16356/17456 kHz, 10-03, 1200/1220/1240 UTC

05921 00001 00000 36257

14956/16356/17456 kHz, 13-03, 1200/1220/1240 UTC

07044 00001 00000 32257

14956/16356/17456 kHz, 15-03, 1200/1220/1240 UTC

05506 00001 00000 36655

14956/16356/17456 kHz, 20-03/22-03, 1200/1220/1240 UTC

09893 00120 93768 54341 16891 31394 91291 95752 90331 53163
26222 69953 22770 34829 90087 17721 17449 70155 89624 82717
45167 04207 69334 82289 07145 81532 70003 80534 68756 96741
47763 56890 52521 52147 07584 37621 14627 79085 82286 96074
96515 13134 94717 34084 19663 31067 96130 92840 50951 42973
15828 09946 59910 39064 67413 12313 35273 41285 20748 66695
05572 97176 98268 16869 32594 32568 83397 14766 59284 69015
36061 18527 96542 76946 24543 11381 23123 36426 66583 91361
67471 29407 62557 83973 12713 41584 62088 44191 02792 65686
01976 97070 79486 88343 20160 37003 52804 99910 77786 19652
77339 22561 44193 33245 51745 09621 95114 54783 47663 91039
85374 37261 83967 33553 93910 51123 62496 74552 58041 22169
77195 04824 51301

14956/16356/17456 kHz, 27-03/29-03, 1200/1220/1240 UTC

06511 00125 22778 10184 24277 56624 61750 25851 77125 64539
47361 16793 58995 87330 59765 99597 32322 92723 23324 71225
53668 44006 63717 22601 36963 29490 89481 74544 55610 42043
55202 41926 61626 09267 78728 64448 65027 37337 94751 91179
45753 70870 91689 01575 08165 06320 59470 73006 73828 21335
49857 36659 54311 03170 33497 58993 80673 95294 50661 18761
35937 50288 89150 96852 50524 39461 17492 88342 19277 65409
48028 12655 77485 11048 54565 59431 75929 35291 50466 44632
41417 98003 90455 46203 14082 67685 37873 68388 90983 27088
22295 21403 90770 93569 68798 23523 69560 85104 22408 68687
28291 55856 44967 96063 74408 04289 42040 65701 86856 04723
62648 44776 11614 39836 95270 90891 98708 14101 61473 39545
03539 71831 99837 99799 35997 58063 13729 52465

16261/15961/14861 kHz, 0910/0930/0950 UTC

16261/15961/14861 kHz, 02-03, 0910/0930/0950 UTC

04035 00001 00000 33657

16261/15961/14861 kHz, 07-03/09-03, 0910/0930/0950 UTC

09396 00180 04303 54131 75919 79234 15877 59522 36180 79096
73172 00066 51006 06175 05931 50268 93467 39485 60655 86389
28275 50417 05420 43242 40413 34096 88060 37894 65037 57929
89874 69729 61744 61785 68607 42553 99952 61806 58145 59936

92396 45072 31638 02904 05209 93804 48163 20993 07504 24465
41472 44109 86003 68197 71453 96056 44599 63731 49286 72975
91134 35330 13449 94237 92144 51989 06057 99465 44450 17722
14502 42074 15999 07150 86102 98403 29898 76985 01525 88818
64693 60895 32252 51180 77018 76123 31367 44534 46063 85008
18290 75821 21943 37830 75387 67359 06876 35403 12506 94185
82585 21665 34565 00039 99217 88498 96410 90228 48290 24363
02773 22038 02110 10940 79915 17960 68790 42266 34743 05010
65723 88401 20130 66981 04194 76117 43786 35935 12660 62737
56015 02007 41043 20996 05274 70564 74833 22105 23860 36556
26142 83471 17878 70576 57566 70451 75465 72225 24437 31795
81842 06520 71735 75494 25753 78702 72420 63997 79287 31447
90387 56490 29650 68919 34626 40964 47945 92205 61602 05880
79966 23289 34140 26620 99503 69793 16703 67424 26414 22927
02236 23147 37274

16261/15961/14861 kHz, 14-03/16-03, 0910/0930/0950 UTC

02863 00130 99620 05093 07670 61968 54765 52668 33898 82629
25706 71288 42863 18910 15802 79359 93642 04400 09026 50339
65585 20116 65943 49122 40891 27489 99801 96277 85657 20942
87061 97036 21046 83671 36124 49921 18826 00830 62700 45124
41543 24116 02120 56268 76154 16120 87255 20185 09860 21347
37131 97069 89483 69709 03891 09317 71122 36351 21609 10424
29406 24242 67162 83718 74107 69538 55948 23382 37843 86017
19305 15651 64156 04331 70492 79093 61145 83244 96727 34480
02567 87198 67705 67952 39080 05910 43619 00096 94564 70131
22780 20049 09686 54125 40407 15877 93420 05464 09826 93665
49191 82110 79402 91269 38156 12854 03933 07602 64039 82899
43824 40710 87016 59041 72870 71628 65267 07260 13764 27620
76877 00616 68951 94424 52576 05535 87605 76984 38595 61063
54337 09392 37252

16261/15961/14861 kHz, 21-03, 0910/0930/0950 UTC

08527 00001 00000 37262

16261/15961/14861 kHz, 23-03, 0910/0930/0950 UTC

05263 00001 00000 33663

16261/15961/14861 kHz, 28-03/30-03, 0910/0930/0950 UTC

03380 00042 88066 32149 00064 63188 27460 23138 46058 42543
11007 22116 72336 66805 57180 00008 23413 11648 77521 68763
28338 88888 00686 38886 61664 60318 56761 30666 45606 00648
48808 14884 62907 85762 60243 23475 08558 22440 23740 53307
34445 33882 08828 44213 56453 10844 05875 74188 76881 44753
78536 73201 32416 01808 22342

12163/10863/9363 kHz, 1600/1620/1640 UTC

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

07758 00260 17931 60411 67466 12576 24711 34966 67994 41584
69965 23972 04290 25704 16262 18666 83086 74739 44116 18308
77546 62571 42088 46710 47758 88098 95334 20867 31531 41305
26468 95084 87668 07272 95551 07030 57729 80373 55087 30725
26871 62303 66478 61913 45884 24248 97188 69146 81680 16753
87520 66205 05462 30786 02367 33190 66873 87803 80593 36653
53430 98461 91376 64623 95453 10632 85797 55970 68129 03467
16859 33012 56548 82855 06850 33763 23494 99414 00353 81192
52895 10542 99468 44870 85367 87408 11993 22827 03044 91003
85505 77365 45071 54984 62292 52515 25758 14446 45658 13768
70666 21276 16107 31800 56823 15108 34397 76615 92211 38184
70111 90027 45394 92660 53452 09365 65047 05683 83720 06181
47494 53877 18799 92359 99684 20700 30015 28520 76515 09117
01685 79141 56917 56155 12278 51989 60607 83082 02338 13990

72154 88996 31221 78958 61543 66754 66870 06380 82739 20540
84609 60310 41688 77580 61950 11267 47436 12178 47867 21185
10106 86534 55512 01139 68781 75645 42986 61811 78663 49652
44248 99471 64528 52183 80960 10899 25359 49974 92845 90167
35127 85037 11693 16411 06089 32682 00005 79604 72848 75684
76405 07456 89312 40123 57569 72381 59250 48600 75090 70423
14187 24816 96549 29046 87601 18129 65218 51290 76634 79713
68879 79048 86972 76301 00644 51257 77336 89138 35158 60389
15050 86718 06241 56302 48722 43418 16297 26408 47215 88531
43976 50130 60602 94123 50266 17024 16523 78226 69416 06839
61338 45942 56351 39822 62631 63287 05172 11399 38960 84740
43626 73148 91443 09162 34387 03036 77294 00047 47160 15414
27650 14874 37245

12163/10863/9363 kHz, 09-03, 1600/1620/1640 UTC

06189 00001 00000 36266

12163/10863/9363 kHz, 11-03/16-03, 1600/1620/1640 UTC

00387 00298 08325 04170 27848 49263 25578 30237 12263 60353
82991 74562 60344 96642 01465 41880 25443 40637 99765 35794
56880 88264 29815 79394 29010 96919 89810 09685 46679 34831
83465 81135 93390 35479 43056 15421 64396 15570 85525 53757
57546 87265 41276 46117 84488 32651 74935 14291 53966 15072
99368 41196 78998 42789 69533 71733 04345 22254 01836 99040
17012 92519 01046 14103 63925 42117 92724 65760 91365 42526
76604 32920 42258 97950 40571 90639 41945 32350 75143 74812
95618 02199 84320 33063 19002 26852 68572 06736 53467 33755
56151 49220 30865 36234 77124 97911 18474 90138 94430 04975
10381 27502 47699 20221 79910 48345 08687 43904 58063 14656
98138 69569 41848 91806 98150 45619 16713 24507 12341 61052
86151 62162 47389 85228 23357 44474 84396 41115 15192 14509
22611 52319 53470 41225 27084 28599 26915 53897 67065 86201
56125 80605 41065 57999 04079 91079 08944 04581 30172 46377
94655 17655 56302 95702 25216 02253 60844 74922 03001 52474
19540 39726 42890 72299 48045 12528 16911 71545 22207 13238
98098 79308 13293 45721 68800 60010 49458 01763 93328 43467
07047 53923 76984 62291 72619 29759 71442 65698 20546 12891
94150 32347 66730 95725 47872 82429 97415 37757 15569 15420
05264 02962 06343 17282 82117 20971 18777 98357 04207 68923
06519 92651 97266 00417 61013 32899 93901 88609 38000 57209
13133 70665 18217 82762 23848 51898 30289 16357 86284 38521
11193 94264 63435 05148 99027 96851 91027 36252 14671 13399
18508 87318 98994 48648 92575 14817 98629 29571 13368 61204
73513 93656 91425 67519 06241 12770 78362 24823 57713 69629
12408 27611 14821 81046 74623 09329 23426 05021 43683 49377
71303 65635 34602 65722 43615 55863 21938 44130 98201 51629
65978 46357 10932 44504 35404 65305 26222 22124 19702 72109
22633 31323 88615 60090 60400 25254 43609 30239 51561 04036
26062

12163/10863/9363 kHz, 18-03, 1600/1620/1640 UTC

01337 00001 00000 36254

12163/10863/9363 kHz, 23-03, 1600/1620/1640 UTC

04673 00001 00000 35663

12163/10863/9363 kHz, 25-03/30-03, 1600/1620/1640 UTC

00176 00179 80923 46528 05624 66031 48466 72086 98698 37079
58488 84754 52279 42107 35133 90067 40793 99914 91036 89386
38831 43840 08658 53136 40125 64536 67086 24135 34495 15668
33683 36005 18659 06763 69410 63564 36060 36090 56694 70734
88745 07612 67619 67673 80291 98355 17405 66665 32782 47826
98229 49813 25780 60928 06864 02968 91746 33457 67745 23382

26982 12268 38421 45772 26339 96754 97615 69946 51502 40364
14635 91807 55092 06817 76725 77966 62244 28408 36911 10702
23232 90791 57125 10393 82111 96537 54281 43545 64866 05840
94282 26938 05430 36505 14695 15406 26655 79966 69686 10662
24659 50734 94123 39000 89284 02915 12142 77611 13263 09550
76660 38440 54942 80369 42377 50121 85573 27690 20054 69098
90043 81358 97306 52838 92234 99748 36627 17670 47307 36915
14306 99040 39584 37360 63764 38036 03345 24080 58820 23681
08605 53315 35633 48949 78043 66116 56566 06149 20211 92186
73529 99099 20677 00033 10861 91131 65157 87557 66838 78595
03733 38261 63033 88007 20044 51441 69919 45034 07119 04861
79239 64100 65339 25127 37214 80841 92530 15655 11052 92772
07593 06412

13931/14831/16131 kHz, 0800/0820/0840 UTC

13931/14831/16131 kHz, 04-03/06-03, 0800/0820/0840 UTC

00274 00129 78945 22688 17968 15100 49827 26069 10235 98094
96874 80010 22735 48746 41830 92624 64623 03957 91710 41997
92379 97402 91705 29408 80066 96951 55870 47468 70641 47367
00103 98617 55538 27148 84871 23112 37673 82267 75478 33864
05266 66477 83360 00814 98478 63921 49118 21427 67419 68816
93683 98341 13553 51068 66466 13625 91765 91544 86461 07133
18705 26451 41295 73613 85891 97058 88714 55480 27396 61182
06698 53569 65032 42287 07974 78766 20811 40276 93753 24151
14302 24857 82655 08162 02696 47744 56772 31984 27183 84170
35677 98181 32559 03845 20423 49063 71567 30162 20966 38220
23805 83214 67295 99420 79480 49808 87566 26306 98768 47416
51690 30664 21232 30414 52030 47544 18478 51404 33409 73557
07523 06593 34988 82687 04068 97865 08904 04966 58759 78798
52798 40532

13931/14831/16131 kHz, 11-03/13-03/18-03/20-03, 0800/0820/0840 UTC

08043 00201 92629 54486 06500 09106 01860 03123 15106 46647
37571 24539 86841 96499 56007 38482 26279 52190 18670 57815
54435 53804 03105 03429 73334 14129 78307 67939 56446 72732
48903 35839 57159 08823 32766 24181 78818 44655 32379 71581
30208 01897 42002 40937 52123 98531 25626 27246 78794 25161
43802 56625 35870 08522 45163 47448 46535 31041 33542 92186
35562 98698 37070 16440 50109 08849 39759 55924 47745 83504
33830 73391 32992 87151 87647 56805 86075 72163 07640 22026
20252 99023 22868 13121 23115 43651 85538 38969 46891 47132
71904 12329 67772 12501 16709 83012 99800 22691 67778 92718
95622 23735 80185 58566 60965 54112 71257 02415 76496 35306
31113 81088 09718 75388 15914 05917 46883 35863 49000 85119
58534 49895 65831 59169 89165 26291 40549 03106 60297 74591
23379 51616 48950 20170 57182 79860 42514 94470 30618 29506
01279 52285 94103 27011 80220 83095 83283 12432 49682 23851
18583 10254 10006 28630 70008 95679 82149 86180 94462 09262
80159 89519 77422 90406 02128 80949 93029 61596 69026 83355
54776 25804 14757 58080 99264 50571 36078 96962 32212 64101
05248 34904 79993 28443 75603 59443 16781 98617 05149 22985
37322 79886 04560 44700 50264 91627 32713 13508 59724 15929
25418 96366 63378 62025

13931/14831/16131 kHz, 25-03/27-03, 0800/0820/0840 UTC

09042 00152 43620 65963 70069 38319 62361 00692 60797 09294
96561 37023 52810 19940 86251 11301 29485 03454 97847 56161
99720 87412 13228 61301 87985 98843 51037 28400 14248 30486
55277 72278 70784 13707 08188 47995 98330 45449 37417 66156
92625 60759 05366 58234 69245 86540 24534 24666 31865 47033
46043 01403 63689 92549 67880 39185 13103 11737 96016 81387
20786 28060 03780 47742 33213 05568 87194 12140 23527 34189

77431 31752 59782 63101 05694 00229 33943 15223 68300 18123
93424 12319 66361 34751 13934 31214 03663 89013 97923 64870
28118 67314 16869 47104 92455 33931 51625 20745 18353 96796
00941 18580 34972 78451 56500 24133 05663 54381 61904 43391
09856 58247 01145 26130 27548 38010 24035 17985 38246 34399
32972 08785 95286 15089 33893 62868 00705 69507 64188 60829
53968 87691 48478 88236 34293 80570 85712 77773 43293 79934
90849 91983 80524 42205 57376 23741 51705 36327 69502 53895
05453 47870 55087 37765 47347

18333 /16345/14838 kHz, 0910/0930/0950 UTC

18333/16345/14838 kHz, 04-03/06-03, 0910/0930/0950 UTC

00323 00098 95653 22424 89707 16961 37136 00099 85860 24213
08177 80271 22625 49774 76595 76318 41739 05841 00247 46833
60426 54773 84747 09670 99752 89010 43192 61600 04445 44805
04119 77397 62650 08581 48636 70827 11171 12104 82548 72455
24060 76311 20893 75504 72121 66738 37417 80670 25012 17922
35493 58789 88752 25926 05211 90978 82014 21725 92951 74541
94875 61634 84600 71741 57032 22486 18623 19855 16300 94268
95771 16366 96740 31763 60804 94352 08066 55545 74999 43426
04566 15843 17820 60049 24884 61802 05525 08710 02702 10768
26601 71166 57878 41149 38153 84877 21347 23143 87950 41623
15152

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

01440 00001 00000 33255

18333/16345/14838 kHz, 13-03, 0910/0930/0950 UTC

01115 00001 00000 34252

18333/16345/14838 kHz, 18-03/20-03/25-03/27-03, 0910/0930/0950 UTC

00509 00190 31316 20739 33603 24223 29104 44385 29269 08964
89303 60419 80888 41335 91550 95025 41565 95710 38219 00802
09562 10227 77444 87061 11584 01515 18644 69095 59147 92599
02308 29902 85230 95958 62504 62780 70739 61493 91305 62075
85278 08979 17000 81492 08716 24443 72843 64949 53238 03870
24743 26949 75504 08742 12926 49179 20385 80981 12036 81852
83693 71069 81811 03530 36160 04412 83043 14849 18369 27058
64107 69917 11230 14361 04802 81238 37593 95970 18327 34232
51143 52133 07971 34935 29331 34080 65831 25601 51110 90692
59803 01003 20054 04222 46906 41900 67909 50412 29588 08134
13651 40102 85157 59855 57374 82609 80792 69184 27384 25101
06761 12764 00657 68718 32147 60543 41166 53571 44487 80201
93971 37229 64023 59798 08093 64761 32016 76435 14733 76041
91118 73397 94056 46165 67819 00303 53347 73754 98822 73539
52292 53441 72581 39267 45929 15041 82915 15827 38132 96853
48478 32087 69845 50607 42187 30232 86833 88320 60119 50985
27241 69722 57281 46743 23612 64719 79291 84194 75688 98599
53357 52852 09677 76372 19313 57675 83336 61002 38260 40977
71106 47104 34704 36805 50303 73351 86098 81454 58428 20262
57747 18173 47572

12163/10863/9363 kHz, 1600/1620/1640 UTC

12163/10863/9363 kHz, 04-03, 1600/1620/1640 UTC

04717 00001 00000 40255

11157/12157/13557 kHz, 0600/0620/0640 UTC

11157/12157/13557 kHz, 05-03, 0600/0620/0640 UTC

08280 00001 00000 32270

11157/12157/13557 kHz, 07-03, 0600/0620/0640 UTC

03655 00001 00000 36660

11157/12157/13557 kHz, 12-03/14-03, 0600/0620/0640 UTC

00495 00053 31681 05544 31546 10569 87440 17970 11544 90472
18503 12552 32960 78821 98284 61486 09310 47984 31910 35705
76803 54870 96143 89411 55680 08484 21644 59398 44990 77036
88833 63238 24958 98911 26050 50977 18859 06214 15732 76586
81427 58185 98424 95560 66979 83159 39811 17116 51998 81790
97291 73804 63166 67385 17448 76105

11157/12157/13557 kHz, 19-03, 0600/0620/0640 UTC

04485 00001 00000 35664

11157/12157/13557 kHz, 21-03, 0600/0620/0640 UTC

09428 00001 00000 37263

11157/12157/13557 kHz, 26-03/28-03, 0600/0620/0640 UTC

07322 00070 89244 36835 75471 72784 89531 01449 06595 85126
61668 73665 44901 81890 08914 23215 05970 79681 43786 46779
64758 25721 50028 14518 23880 88757 05892 25890 90742 57345
07161 70620 20172 16534 16840 98413 04941 90264 28001 56797
33370 18765 24105 73860 08823 64634 39734 26598 64101 36082
67299 35006 98952 71919 03141 54377 21684 78207 00147 51382
86738 16805 12714 07399 87454 90299 40451 26358 71125 67495
46998 24694 70052

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

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

04752 00001 00000 35661

13994/13494/12194 kHz, 07-03, 1600/1620/1640 UTC

08158 00001 00000 35665

13994/13494/12194 kHz, 12-03/14-03, 1600/1620/1640 UTC

00268 00264 22946 76536 10127 96168 10885 99018 33328 97456
42661 77092 55082 72917 17246 66951 51199 47469 98950 06773
49186 19231 40065 56273 94700 26695 13020 83758 56856 24922
45731 22733 73148 65146 89368 56712 03637 49654 27089 36708
53278 82106 49064 69831 27654 70840 79970 45573 28780 15376
68556 65054 97377 20873 49729 20493 45965 08001 36661 64436
21352 40779 44602 68520 12665 09896 31582 72776 20602 41626
00481 15220 49070 88160 83076 41112 53374 58681 20223 96547
73663 32103 79305 00450 99146 02521 07119 28542 45113 45042
18089 80014 07262 87448 04094 89456 74523 59431 74432 32785
85538 14784 98339 40232 02935 63783 56984 12066 73465 10990
66467 54623 43867 66683 72621 04773 16274 83603 01844 08513
56684 31711 91033 76753 29970 51502 66843 11426 75297 57723
92511 47634 42870 05282 57190 12935 89426 18631 43421 10169
94466 71614 68932 59690 48969 03654 66814 57174 36142 95833
73043 05569 24313 08900 40081 19029 09271 42858 21071 09918
46025 68385 35203 30056 16377 58430 19412 09666 28607 47023
02615 76459 81043 83914 28071 50313 74943 85060 71176 27296
46502 54719 63486 58938 31166 26778 29206 73931 11088 88984
15620 45747 60157 13713 77953 00491 04722 05498 43130 25289
56767 28814 58391 60041 29455 57883 13446 38022 84604 37412
48965 85504 22990 11002 61065 64861 25758 90211 96244 08493
08602 80387 16759 97732 37042 10654 33513 54965 43669 99869
38362 42505 86764 09381 10713 74953 04551 06740 13708 95220
72186 44733 46509 15478 84552 22279 17432 03768 20636 50224
73231 11459 64506 00005 56020 86197 83954 73690 51576 64836
52089 70584 76803 73990 71809 76171 64651

13994/13494/12194 kHz, 19-03, 1600/1620/1640 UTC

04903 00001 00000 37254

13994/13494/12194 kHz, 21-03, 1600/1620/1640 UTC

02168 00001 00000 35660

13994/13494/12194 kHz, 26-03/29-03, 1600/1620/1640 UTC

00704 00167 92106 21810 43975 10918 07977 00511 74519 08416
59084 13642 74227 96479 80740 30548 25026 58462 16545 66683
24838 13999 87523 16422 47787 36533 13888 93604 54027 39018
58418 11423 51709 09331 93632 31771 75479 06910 38718 78993
36671 26938 38123 00300 76943 03778 69417 73499 98212 85345
54585 61377 06660 13380 89167 76238 88726 04536 35721 99382
86997 34054 22851 10825 00891 62913 44826 23679 01222 43008
00386 57024 19932 82510 83004 66211 67529 91781 32077 56498
74797 30525 96338 48850 18621 08187 74109 07055 22781 54839
62496 81077 93992 20678 45756 09541 07556 96597 35157 18031
20106 59150 72648 47922 28019 88590 20589 53761 60645 22428
08165 49909 05518 76488 00281 27035 19056 51120 85283 05143
94632 53379 02796 10082 41663 23643 37014 84333 36250 85171
37929 58931 07002 79684 83567 56888 33445 15194 57782 96035
04465 73924 67134 97124 40412 72325 65726 10188 75384 88851
54426 00110 81230 13858 40518 20743 80710 68953 38375 88493
33284 59775 83457 83191 89758 66256 06633 85241 04807 33614

15861/14431/13431 kHz, 1100/1120/1140 UTC

15861/14431/13431 kHz, 06-03, 1100/1120/1140 UTC

05130 00001 00000 31660

15861/14431/13431 kHz, 07-03, 1100/1120/1140 UTC

02523 00001 00000 35254

15861/14431/13431 kHz, 13-03/14-03/20-03/21-03, 1100/1120/1140 UTC

06439 00069 06889 49064 69176 97922 20474 77267 78106 30162
26632 68841 00905 88027 43831 87949 50408 49191 57443 46177
53091 45676 22038 44158 89393 48303 17946 74209 45226 21231
52635 11234 38538 56031 39431 95509 72997 02812 77466 08383
92592 38427 71986 10555 16067 54200 06115 52709 42693 24373
23055 29507 64465 99815 45383 89628 26930 12355 33007 83678
37856 54429 77085 55219 13747 45836 35016 88522 33283 27450
29413 00172

15861/14431/13431 kHz, 27-03, 1100/1120/1140 UTC

03176 00001 00000 34662

15861/14431/13431 kHz, 28-03, 1100/1120/1140 UTC

07167 00001 00000 35265

XPB1

20072 kHz, 01-03/05-03/08-03/12-03/15-03/19-03/22-03/26-03/29-03, 1300 UTC
19572 kHz, 01-03/05-03/08-03/12-03/15-03/19-03/22-03/26-03/29-03, 1310 UTC
18372 kHz, 01-03/05-03/08-03/12-03/15-03/19-03/22-03/26-03/29-03, 1320 UTC
17472 kHz, 01-03/05-03/08-03/12-03/15-03/19-03/22-03/26-03/29-03, 1330 UTC
16272 kHz, 01-03/05-03/08-03/12-03/15-03/19-03/22-03/26-03/29-03, 1340 UTC
14972 kHz, 01-03/05-03/08-03/12-03/15-03/19-03/22-03/26-03/29-03, 1350 UTC

18253 kHz, 02-03/04-03/09-03/11-03/16-03/18-03/23-03/25-03/30-03, 1100 UTC
17453 kHz, 02-03/04-03/09-03/11-03/16-03/18-03/23-03/25-03/30-03, 1110 UTC
15953 kHz, 02-03/04-03/09-03/11-03/16-03/18-03/23-03/25-03/30-03, 1120 UTC
14953 kHz, 02-03/04-03/09-03/11-03/16-03/18-03/23-03/25-03/30-03, 1130 UTC

14353 kHz, 02-03/04-03/09-03/11-03/16-03/18-03/23-03/25-03/30-03, 1140 UTC
13553 kHz, 02-03/04-03/09-03/11-03/16-03/18-03/23-03/25-03/30-03, 1150 UTC

14621 kHz, 02-03/06-03/09-03/13-03/16-03/20-03/23-03/27-03/30-03, 1200 UTC
13921 kHz, 02-03/06-03/09-03/13-03/16-03/20-03/23-03/27-03/30-03, 1210 UTC
13421 kHz, 02-03/06-03/09-03/13-03/16-03/20-03/23-03/27-03/30-03, 1220 UTC
12121 kHz, 02-03/06-03/09-03/13-03/16-03/20-03/23-03/27-03/30-03, 1230 UTC
11121 kHz, 02-03/06-03/09-03/13-03/16-03/20-03/23-03/27-03/30-03, 1240 UTC
10421 kHz, 02-03/06-03/09-03/13-03/16-03/20-03/23-03/27-03/30-03, 1250 UTC

13562 kHz, 04-03/05-03/11-03/12-03/18-03/19-03/25-03/26-03, 0600 UTC
14362 kHz, 04-03/05-03/11-03/12-03/18-03/19-03/25-03/26-03, 0610 UTC
14862 kHz, 04-03/05-03/11-03/12-03/18-03/19-03/25-03/26-03, 0620 UTC
15962 kHz, 04-03/05-03/11-03/12-03/18-03/19-03/25-03/26-03, 0630 UTC
16262 kHz, 04-03/05-03/11-03/12-03/18-03/19-03/25-03/26-03, 0640 UTC
17462 kHz, 04-03/05-03/11-03/12-03/18-03/19-03/25-03/26-03, 0650 UTC

DIPLMATIC STATIONS

Diplomatic stations: Bulgaria

18455 kHz, 01-03, 0806 UTC, RFSM
13365 kHz, 01-03, 0845 UTC, RFSM
14755 kHz, 01-03, 0927 UTC, RFSM
18515 kHz, 01-03, 0944 UTC, RFSM
18455 kHz, 01-03, 0945 UTC, RFSM
13365 kHz, 05-03, 0744 UTC, RFSM
14755 kHz, 05-03, 0838 UTC, RFSM
18515 kHz, 05-03, 1127 UTC, RFSM
18455 kHz, 05-03, 1140 UTC, RFSM
17440 kHz, 05-03, 1323 UTC, RFSM
18455 kHz, 06-03, 0820 UTC, RFSM
14755 kHz, 06-03, 0926 UTC, RFSM
18515 kHz, 06-03, 1126 UTC, RFSM
13365 kHz, 05-03, 0744 UTC, RFSM
14755 kHz, 07-03, 0930 UTC, RFSM
17440 kHz, 07-03, 1327 UTC, RFSM
14855 kHz, 07-03, 1357 UTC, RFSM
14755 kHz, 13-03, 0926 UTC, RFSM
14755 kHz, 20-03, 0927 UTC, RFSM
14755 kHz, 22-03, 0926 UTC, RFSM
17440 kHz, 22-03, 1325 UTC, RFSM
13365 kHz, 22-03, 1328 UTC, RFSM
18515 kHz, 22-03, 1356 UTC, RFSM
14755 kHz, 26-03, 0925 UTC, RFSM
18515 kHz, 26-03, 1124 UTC, RFSM
18455 kHz, 26-03, 1356 UTC, RFSM
17440 kHz, 26-03, 1324 UTC, RFSM
14755 kHz, 27-03, 0925 UTC, RFSM
13365 kHz, 28-03, 1328 UTC, RFSM
14755 kHz, 28-03, 0926 UTC, RFSM
17440 kHz, 28-03, 1326 UTC, RFSM
18455 kHz, 28-03, 1356 UTC, RFSM
13365 kHz, 29-03, 0842 UTC, RFSM
14755 kHz, 29-03, 0926 UTC, RFSM
17440 kHz, 29-03, 0942 UTC, RFSM
18455 kHz, 29-03, 0847 UTC, RFSM
18515 kHz, 29-03, 0944 UTC, RFSM

Diplomatic stations: North Korea

13400 kHz, 01-03, 0630 UTC
14300 kHz, 01-03, 0745 UTC
13000 kHz, 01-03, 0751 UTC
16252 kHz, 01-03, 0823 UTC
12400 kHz, 04-03, 0800 UTC
14222 kHz, 08-03, 0805 UTC
16252 kHz, 15-03, 1230 UTC
16252 kHz, 18-03, 1357 UTC
13400 kHz, 21-03, 0658 UTC
12800 kHz, 21-03, 0732 UTC
14300 kHz, 21-03, 0732 UTC
14650 kHz, 21-03, 0732 UTC
12800 kHz, 21-03, 1329 UTC
16252 kHz, 22-03, 0633 UTC
11050 kHz, 22-03, 0805 UTC
14860 kHz, 23-03, 0805 UTC
16250 kHz, 23-03, 1314 UTC
18648 kHz, 23-03, 1409 UTC
14300 kHz, 23-03, 1409 UTC
12400 kHz, 28-03, 0744 UTC
14300 kHz, 28-03, 0737 UTC
16252 kHz, 29-03, 1230 UTC
14300 kHz, 29-03, 1240 UTC
16252 kHz, 29-03, 1257 UTC

Diplomatic stations: Russia

14824 kHz, 01-03, 1019 UTC, MFSK-6	MFA Moscow clg 625413: Russian embassy Tel Aviv
16320 kHz, 01-03, 1314 UTC, MFSK-6	MFA Moscow clg 241563: Russian embassy Karachi
20675 kHz, 03-03, 0929 UTC, MFSK-6	MFA Moscow clg 641523: Russian embassy Lusaka
23355 kHz, 03-03, 0939 UTC, MFSK-6	MFA Moscow clg 641523: Russian embassy Lusaka
18750 kHz, 03-03, 0947 UTC, MFSK-6	MFA Moscow clg 641523: Russian embassy Lusaka
17445 kHz, 06-03, 0926 UTC, MFSK-6	MFA Moscow clg 362154: Russian embassy Athens
16115 kHz, 06-03, 1122 UTC, MFSK-6	MFA Moscow clg 215346: Russian Consulate General Mumbai
19878 kHz, 06-03, 1233 UTC, MFSK-6	MFA Moscow clg 231654: Russian embassy Abuja
16313 kHz, 07-03, 0742 UTC, Serdolik v2	Russian diplo
16313 kHz, 07-03, 0751 UTC, Serdolik v2	Russian diplo
16313 kHz, 07-03, 0800 UTC, Serdolik v2	Russian diplo
17534 kHz, 07-03, 0803 UTC, MFSK-6	MFA Moscow clg 351264: Russian embassy Abu Dhabi
13441 kHz, 07-03, 0810 UTC, MFSK-66	Russian diplo
18197 kHz, 07-03, 0935 UTC, MFSK-6	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City
14865 kHz, 10-03, 1145 UTC, MFSK-6	MFA Moscow clg 261453: Russian embassy Cairo
14660 kHz, 10-03, 1148 UTC, MFSK-66	Russian diplo
19275 kHz, 11-03, 0935 UTC, Serdolik v2	Russian diplo. Selcal
19275 kHz, 11-03, 0938 UTC, Serdolik v2	Russian diplo
19275 kHz, 11-03, 0946 UTC, Serdolik v2	Russian diplo. Selcal
19275 kHz, 11-03, 0953 UTC, Serdolik v2	Russian diplo. Selcal
16117 kHz, 11-03, 0955 UTC, MFSK-6	MFA Moscow clg 463125: Russian embassy Rabat
20815 kHz, 12-03, 1019 UTC, Serdolik v2	Russian diplo. Selcal
20811 kHz, 12-03, 1020 UTC, Serdolik v2	Russian diplo. Selcal
20815 kHz, 12-03, 1035 UTC, Serdolik v2	Russian diplo. Selcal
20815 kHz, 12-03, 1038 UTC, Serdolik v2	Russian diplo
20815 kHz, 12-03, 1044 UTC, Serdolik v2	Russian diplo
14861 kHz, 12-03, 0822 UTC, MFSK-6	MFA Moscow clg 542136: Russian embassy Beijing
13510 kHz, 12-03, 1000 UTC, MFSK-6	MFA Moscow clg 612534: Russian embassy Ashgabat
20811 kHz, 12-03, 1017 UTC, Serdolik v2	Russian diplo. Selcal
17470 kHz, 12-03, 1031 UTC, MFSK-6	MFA Moscow clg 216354: Russian Consulate General Chennai
20815 kHz, 12-03, 1035 UTC, Serdolik v2	Russian diplo
20815 kHz, 12-03, 1038 UTC, Serdolik v2	Russian diplo
20815 kHz, 12-03, 1044 UTC, Serdolik v2	Russian diplo

18177 kHz, 13-03, 0756 UTC, MFSK-6	MFA Moscow clg 164253: Russian embassy Addis Ababa
11153 kHz, 13-03, 0854 UTC, Serdolik v2	Russian diplo. Test
11154 kHz, 13-03, 0855 UTC, Serdolik v2	Russian diplo
13369 kHz, 13-03, 0835 UTC, MFSK-6	MFA Moscow clg 412356: Russian embassy Budapest
10240 kHz, 13-03, 0901 UTC, Serdolik v2	Russian diplo
10239 kHz, 13-03, 0902 UTC, Serdolik v2	Russian diplo
11153 kHz, 13-03, 0906 UTC, MFSK-6	MFA Moscow clg 465132: Russian embassy Sofia
11563 kHz, 13-03, 0910 UTC, Serdolik v2	Russian diplo
19611 kHz, 14-03, 0842 UTC, MFSK-6	MFA Moscow clg 256134: Russian embassy Abidjan
16153 kHz, 14-03, 0813 UTC, MFSK-6	MFA Moscow clg 153624: Russian embassy Damascus
20606 kHz, 14-03, 0900 UTC. MFSK-6	MFA Moscow clg 256134 Russian embassy Abidjan
14826 kHz, 15-03, 0816 UTC, Serdolik v2	Russian diplo. Selcal
14828 kHz, 15-03, 0818 UTC, Serdolik v2	Russian diplo
14828 kHz, 15-03, 0834 UTC, Serdolik v2	Russian diplo
14425 kHz, 15-03, 0829 UTC, MFSK-6	MFA Moscow clg 213546: Russian embassy Islamabad
13547 kHz, 15-03, 1026 UTC, MFSK-6	MFA Moscow clg 625413: Russian embassy Tel Aviv
14824 kHz, 15-03, 1036 UTC, MFSK-6	MFA Moscow clg 625413: Russian embassy Tel Aviv
14377 kHz, 18-03, 0831 UTC, MFSK-6	MFA Moscow clg 432516: Russian embassy Bern
12199 kHz, 18-03, 0851 UTC, MFSK-6	MFA Moscow clg 532614: Russian embassy Paris
20675 kHz, 18-03, 0955 UTC, MFSK-6	MFA Moscow clg 641523: Russian embassy Lusaka
23355 kHz, 18-03, 1004 UTC, MFSK-6	MFA Moscow clg 641523: Russian embassy Lusaka
15989 kHz, 19-03, 0754 UTC, MFSK-6	MFA Moscow clg 125643: Russian embassy Ulaan Bataar
13401 kHz, 19-03, 0926 UTC, MFSK-66	Russian diplo
15687 kHz, 19-03, 0943 UTC, MFSK-6	MFA Moscow clg 154263: Russian embassy Rome
17457 kHz, 19-03, 0949 UTC, MFSK-66	Russian diplo
17443 kHz, 19-03, 1105 UTC, Serdolik v2	Russian diplo
17443 kHz, 20-03, 1108 UTC, Serdolik v2	Russian diplo
14653 kHz, 20-03, 1110 UTC, Serdolik v2	Russian diplo
17440 kHz, 20-03, 1111 UTC, Serdolik v2	Russian diplo
16115 kHz, 20-03, 1118 UTC, MFSK-6	MFA Moscow clg 215346: Russian Consulate General Mumbai
19878 kHz, 20-03, 1244 UTC, MFSK-6	MFA Moscow clg 231654: Russian embassy Abuja
17435 kHz, 20-03, 1255 UTC, MFSK-66	Russian diplo
14725 kHz, 20-03, 1535 UTC, Serdolik v2	Russian diplo
14501 kHz, 20-03, 1540 UTC, MFSK-6	MFA Moscow clg 214356: Russian embassy Amman
16026 kHz, 21-03, 0812 UTC, Serdolik v2	Russian diplo
21824 kHz, 21-03, 0817 UTC, Serdolik v2	Russian diplo. Selcal
14474 kHz, 21-03, 0819 UTC, Serdolik v2	Russian diplo. Selcal
14474 kHz, 21-03, 0821 UTC, Serdolik v2	Russian diplo. Selcal
21824 kHz, 21-03, 0824 UTC, Serdolik v2	Russian diplo. Selcal
21824 kHz, 21-03, 0827 UTC, Serdolik v2	Russian diplo. Selcal
14474 kHz, 21-03, 0829 UTC, Serdolik v2	Russian diplo. Selcal
14474 kHz, 21-03, 0833 UTC, Serdolik v2	Russian diplo. Selcal
21824 kHz, 21-03, 0834 UTC, Serdolik v2	Russian diplo. Selcal
14474 kHz, 21-03, 0836 UTC, Serdolik v2	Russian diplo. Selcal
18230 kHz, 21-03, 0812 UTC, Serdolik v2	Russian diplo
18575 kHz, 21-03, 0850 UTC, MFSK-6	MFA Moscow clg 352416: Russian embassy Dar es Salaam
20844 kHz, 21-03, 0925 UTC, MFSK-66	Russian diplo
18197 kHz, 21-03, 0933 UTC, MFSK-6	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City
18197 kHz, 21-03, 0935 UTC, MFSK-66	Russian diplo
14503 kHz, 22-03, 0922 UTC, MFSK-66	Russian diplo
17463 kHz, 22-03, 1007 UTC, MFSK-6	MFA Moscow clg 256134: Russian embassy Abidjan
20605 kHz, 22-03, 1017 UTC, MFSK-6	MFA Moscow clg 256134: Russian embassy Abidjan
17463 kHz, 22-03, 1537 UTC, MFSK-6	MFA Moscow clg 256134: Russian embassy Abidjan
15810 kHz, 24-03, 1030 UTC, MFSK-6	MFA Moscow clg 145632: Russian embassy Algiers
16060 kHz, 24-03, 1127 UTC, MFSK-6	MFA Moscow clg 261453: Russian embassy Cairo
17475 kHz, 25-03, 0849 UTC, MFSK-6	MFA Moscow clg 156234: Russian embassy Kampala
19235 kHz, 25-03, 0930 UTC, MFSK-6	MFA Moscow clg 463125: Russian embassy Rabat
19273 kHz, 25-03, 0943 UTC, Serdolik v2	Russian diplo
16117 kHz, 25-03, 0947 UTC, MFSK-6	MFA Moscow clg 463125: Russian embassy Rabat
11071 kHz, 26-03, 0752 UTC, Serdolik v2	Russian diplo
14830 kHz, 26-03, 0756 UTC, Serdolik v2	Russian diplo
11545 kHz, 26-03, 0801 UTC, MFSK-6	MFA Moscow clg 534216: Russian embassy Baghdad
17523 kHz, 26-03, 0828 UTC, MFSK-6	MFA Moscow clg 542136: Russian embassy Beijing

16257 kHz, 26-03, 0834 UTC, MFSK-6	MFA Moscow clg 542136: Russian embassy Beijing
16317 kHz, 26-03, 1008 UTC, MFSK-6	MFA Moscow clg 612534: Russian embassy Ashgabat
20811 kHz, 26-03, 1012 UTC, Serdolik v2	Russian diplo
20811 kHz, 26-03, 1017 UTC, Serdolik v2	Russian diplo
17470 kHz, 26-03, 1023 UTC, MFSK-6	MFA Moscow clg 216354: Russian Consulate General Chennai
18177 kHz, 27-03, 0729 UTC, MFSK-66	Russian diplo
18177 kHz, 27-03, 0803 UTC, MFSK-6	MFA Moscow clg 164253: Russian embassy Addis Ababa
11483 kHz, 27-03, 0833 UTC, MFSK-6	MFA Moscow clg 412356: Russian embassy Budapest
12186 kHz, 27-03, 0851 UTC, Serdolik v2	Russian diplo. Selcal
11154 kHz, 27-03, 0857 UTC, Serdolik v2	Russian diplo
20950 kHz, 27-03, 0741 UTC, MFSK-6	MFA Moscow clg 435621: Russian embassy Maputo
17434 kHz, 27-03, 0744 UTC, MFSK-66	Russian diplo
13419 kHz, 27-03, 0804 UTC, MFSK-6	MFA Moscow clg 465132: Russian embassy Sofia
12123 kHz, 28-03, 0756 UTC, MFSK-66	Russian diplo
16062 kHz, 28-03, 0800 UTC, Serdolik v2	Russian diplo
14419 kHz, 28-03, 0801 UTC, MFSK-6	MFA Moscow clg 521634: Russian embassy Bucharest
16153 kHz, 28-03, 0806 UTC, MFSK-6	MFA Moscow clg 153624: Russian embassy Damascus
16153 kHz, 28-03, 0810 UTC, MFSK-6	MFA Moscow clg 153624: Russian embassy Damascus

Diplomatic stations: Tunisia

16180 kHz, 28-03, 0921 UTC, Mil-STD-188-141A	STAT151: MFA Tunis clg TU1: Tunisian embassy Paris
16180 kHz, 28-03, 0922 UTC, Mil-STD-188-141A	STAT151: MFA Tunis clg STAT6: unid embassy
16180 kHz, 28-03, 0925 UTC, Pactor-II	STAT151 MFA Tunis sending mail to STAT25: Tunisian embassy Brussels IPM.Note mail.hs DEFAULT@#HFARQ#STAT151 DEFAULT@#HFARQ#STAT151 HFARQ#STAT25 20240328102731:DEFAULT@
16180 kHz, 28-03, 0925 UTC, Pactor-II	Very weak reply from embassy Brussels
16180 kHz, 28-03, 0934 UTC, Pactor-II	Tunisian diplo HF mail

CLANDESTINE / TARGETED RADIO & JAMMERS

Russian-Ukrainian radio war

6911 kHz, 03-03, 1718 UTC, USB	Popular version of the Russian national anthem. Loop transmission
7050 kHz, 03-03, 1720 UTC, LSB	Russian national anthem, yelling and anti Russia slogans
7055 kHz, 03-03, 1720 UTC, LSB	Anti Russia slogans
6911 kHz, 09-03, 1432 UTC, USB	Air raid siren
7050 kHz, 09-03, 1530 UTC, LSB	Russian and Ukrainian stations. propaganda, music
7055 kHz, 09-03, 1530 UTC, LSB	Russian and Ukrainian stations
7060 kHz, 09-03, 1620 UTC, LSB	Russian and Ukrainian stations on top of each other
6911 kHz, 10-03, 0906 UTC, USB	Russian national anthem. Loop transmission
6911 kHz, 11-03, 1302 UTC, USB	Air raid sirens
6911 kHz, 11-03, 1440 UTC, USB	Air raid sirens
7050 kHz, 11-03, 1524 UTC, LSB	Ukrainian patriotic songs and talk
6911 kHz, 14-03, 1510 UTC, USB	Russian national anthem (loop transmission)
7050 kHz, 14-03, 1512 UTC, LSB	Various stations on top of each other
7055 kHz, 15-03, 1735 UTC, LSB	Songs, patriotic talks
6911 kHz, 18-03, 1415 UTC, USB	Russian national anthem (loop transmission)
7050 kHz, 18-03, 1722 UTC, LSB	Anti Russia songs and yelling
7055 kHz, 18-03, 1722 UTC, LSB	Propaganda
6911 kHz, 22-03, 0907 UTC, USB	Air Raid Alarm (loop transmission)

Thanks to contributors Kees ON9KVE, UDXSWL, Jon-FL for the following reports

5780 kHz, 28-03, 0416 UTC	Song "Ya Russkiy"
5780 kHz, 28-03, 1643 UTC	Song "Ya Russkiy"
6911 kHz, 21-03, 1738 UTC	Buzzer alarm. bugle calls. back to tennis
6911 kHz, 21-03, 1903 UTC	Buzzer alarm. 1924z bugle call. 1925z back to tennis
6911 kHz, 22-03, 0314-0326 UTC	Buzzer alarm. short bugle call.
6911 kHz, 22-03, 0334-0346 UTC	Siren. short bugle call.

6911 kHz, 22-03, 0414-0424 UTC	Buzzer alarm. 0423z v. short bugle.
6911 kHz, 22-03, 0500-0610 UTC	Russian national anthem rock.
6911 kHz, 22-03, 2304 UTC	Buzzer alarm. 2311z bugle call. 2312z back to tennis
6911 kHz, 23-03, 1927 UTC	Siren. 2122z bugle call. 2123z back to tennis
6911 kHz, 24-03, 0030 UTC	Buzzer alarm. 0143z bugle calls. 0143z back to tennis
6911 kHz, 24-03, 1527 UTC	Siren. 1559z short bugle call. 1600z back to tennis
6911 kHz, 24-03, 1830 UTC	Buzzer alarm. 1841z bugle calls. 1842z back to tennis
6911 kHz, 26-03, 0137 UTC	Buzzer alarm. 0157z bugle calls. 0158z back to tennis
6911 kHz, 26-03, 0407 UTC	Buzzer alarm. 0417z bugle calls. 0418z back to tennis
6911 kHz, 26-03, 0415 UTC	Tennis Racket, then noises, then a trumpet fanfare, then Tennis Racket
6911 kHz, 26-03, 1224 UTC	Buzzer alarm. 1231z bugle calls. back to tennis
6911 kHz, 26-03, 1318 UTC	Buzzer alarm. 1431z back to tennis
6911 kHz, 26-03, 1849 UTC	Short buzzer alarm followed by a siren. 1907z bugle calls. 1908z back to tennis
6911 kHz, 27-03, 1755 UTC	Buzzer alarm. 1805z bugle calls. 1806z back to tennis
6911 kHz, 27-03, 1953 UTC	Buzzer alarm. 2005z back to tennis
6911 kHz, 27-03, 2225 UTC	Buzzer alarm. 2240z low buzz/hum/feedback. 2241z back to tennis
6911 kHz, 28-03, 0324 UTC	Buzzer alarm. 0333z bugle calls. 0334z back to tennis
6911 kHz, 28-03, 1338 UTC	Buzzer alarm. 1405z back to tennis
6911 kHz, 28-03, 1426 UTC	Siren. 1442z single bugle call. 1443z back to tennis

UTILITY ROUND-UP

Unid stations



Unid station Possibly a marker. Only heard twice

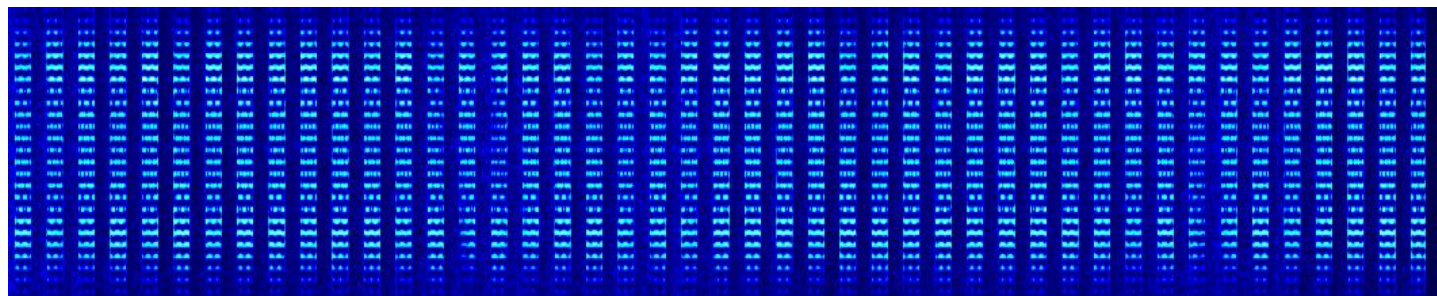
5649 kHz, 06-03, 0601 UTC
5649 kHz, 11-03, 0629 UTC

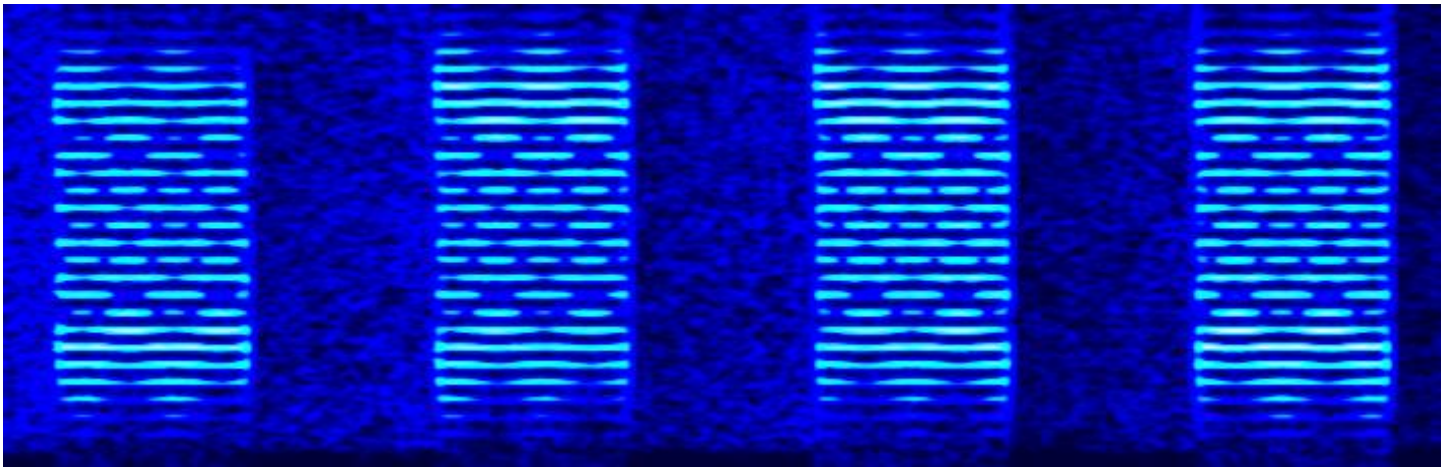
MFSK-13. Russian net.

18567 kHz, 18-03, 1233 UTC
16153 kHz, 18-03, 1237 UTC
14547 kHz, 18-03, 1241 UTC
13416 kHz, 18-03, 1245 UTC
14882 kHz, 27-03, 0905 UTC
13448 kHz, 27-03, 0909 UTC

New Buzzer (always on 3 frequencies)

5824 kHz, 07-03, 1556 UTC	18730 kHz, 25-03, 1745 UTC	8115 kHz, 30-03, 2200 UTC
5852 kHz, 07-03, 1556 UTC	19000 kHz, 25-03, 1745 UTC	8041 kHz, 30-03, 2200 UTC
6725 kHz, 07-03, 1556 UTC	20000 kHz, 25-03, 1745 UTC	





MFSK-11/125Bd. Unid net
 12215 kHz, 19-03, 0821 UTC
 13975 kHz, 19-03, 1440 UTC
 14432 kHz, 22-03, 1203 UTC



RUSSIAN MILITARY TRANSCRIPTS

Monolith stations

If you need transcript from Russian military stations, try Priyom:

<https://priyom.org/military-stations/russia/the-pip/2024>

<https://priyom.org/military-stations/russia/the-buzzer>

<https://priyom.org/military-stations/russia/the-squeaky-wheel/2024>

Channel markers

Notes:

- The Squeaky Wheel channel marker has been replaced by the original Pip marker.
- The Dash channel marker is history.
- The Air Horn channel marker has been replaced by the Goose marker
- The New Pip marker appeared on a number of frequencies after the Leningrad and Moscow Military Districts were re-installed.
- The New Pip sounds different from the original Pip.
- ☛ A **FAKE New Pip** sometimes appears on 6911 kHz which is a known Russian radio war / pirate station.

Original Pip channel marker (S30)

3756 kHz, 01-03, 1814 UTC
 3756 kHz, 05-03, 1710 UTC
 5448 kHz, 07-03, 1446 UTC
 3756 kHz, 07-03, 1714 UTC
 3756 kHz, 11-03, 1708 UTC

Original Pip channel marker (replaced the Squeaky Wheel marker S32)

3363.5 kHz, 01-03, 1814 UTC
3363.5 kHz, 05-03, 1711 UTC
3363.5 kHz, 07-03, 1652 UTC
3363.5 kHz, 11-03, 1708 UTC

New Pip channel marker

5780 kHz, 01-03, 1623 UTC
6185 kHz, 02-03, ???? UTC. Reported only once
5780 kHz, 03-03, 1714 UTC
6402 kHz, 05-03, 0822 UTC
6218 kHz, 05-03, 0822 UTC
6230 kHz, 05-03, 0822 UTC
5780 kHz, 05-03, 0822 UTC
5838 kHz, 05-03, 1701 UTC
5838 kHz, 05-03, 1702 UTC. Katyusha song on and off
6218 kHz, 05-03, 1710 UTC
6930 kHz, 05-03, 1930 UTC

5780 kHz, 07-03, 1446 UTC
5838 kHz, 07-03, 1446 UTC
6218 kHz, 07-03, 1446 UTC
6402 kHz, 07-03, 1446 UTC
6930 kHz, 07-03, 1446 UTC

5780 kHz, 11-03, 1710 UTC
5838 kHz, 11-03, 1710 UTC
6218 kHz, 11-03, 1710 UTC
6402 kHz, 11-03, 1710 UTC
6930 kHz, 11-03, 1710 UTC

Buzzer channel marker

4625 kHz, 01-03, 1820 UTC
4625 kHz, 05-03, 1712 UTC
4625 kHz, 07-03, 1643 UTC
4625 kHz, 11-03, 1715 UTC

Goose channel marker

3243 kHz, 01-03, 1820 UTC
3243 kHz, 05-03, 1714 UTC
4310 kHz, 07-03, 1450 UTC
3243 kHz, 07-03, 1655 UTC
3243 kHz, 11-03, 1712 UTC

Goose channel marker (replaced the Air Horn channel marker)

4930 kHz, 05-03, 1716 UTC
4930 kHz, 07-03, 1450 UTC
4930 kHz, 11-03, 1712 UTC

Alarm channel marker

4770 kHz, 01-03, 1820 UTC
4770 kHz, 05-03, 1714 UTC
4770 kHz, 07-03, 1446 UTC
4770 kHz, 11-03, 1714 UTC

Morse transmissions

Russian Military morse traffic

13404 kHz, 02-03, 0813 UTC

DKAK DE VCTR QSG2? K
VCTR 186 23 2 1106 186 =
079 = ПППП ЕНДПВ ЗЗОРР ЦЩНФН РЧДЕМ ЦЩНФН РЧДЕМ ЦЩНФН РЧДЕМ
АРКЧО ЙСИСК НЙЕЦБ ФЙЙЖФ ДУФСЧ РДЙРТ ФИИИЩ КЛУБГ ВЗГОЩ ТВЩНЗ
ИЙБЕГ ФВТУП ГВПВЯ =
538 20 21108 538 =
079 = 95845 52329 11951 65297 24919 81402 37887 97508 53992
13615 70098 26582 86203 42688 11724 68207 24692 84313 02018 K

3554 kHz, 22-03, 2330 UTC. Copied by Anon

9RCN 9RCN 9RCN QTC AR (R)
9RCN 9RCN 9RCN 707 33 23 0235 707 =
332 = 57494 50447 38185 28152 53332 08628 76503 6501_ 62121
57092 17926 70830 28_40 38506 06768 37418 67242 55647 19751
48835 66266 30465 58864 05930 80078 60079 53802 06263 00998
58502 23030 095 QLN K

14411 kHz, 26-03, 0603 UTC

RDL RDL RDL
22222 11395 04610 66020 66020 61256 13036 70975 00781 73806
39032 47323 60935 65500 30850 21904 06426 10139 68172 02889
33976 74747 79532 11251 70628 72429 02170 95185 63139 68344
62173 53798 18990 18158 16406 26035 K

14411 kHz, 26-03, 0955 UTC

RDL RDL RDL 09977 57687 09977 57687 09977 57687 K

14411 kHz, 26-03, 1435 UTC

RDL RDL RDL 66421 90314 66421 90314 66421 90314 K

Digital transmissions

Russian tactical datalink. Akkord 1200Bd/800Hz

6321 kHz, 03-03, 1729 UTC
7260 kHz, 05-03, 0820 UTC
5202 kHz, 07-03, 1454 UTC
7260 kHz, 07-03, 1454 UTC
7260 kHz, 11-03, 0820 UTC
5202 kHz, 11-03, 1343 UTC
7260 kHz, 13-03, 1816 UTC
5202 kHz, 13-03, 1816 UTC
5202 kHz, 16-03, 2106 UTC

T600 traffic

7836 kHz, 13-03, 1810 UTC, T600

SYNC 1EB41EB2952
SESSION KEY 70 32 62 0D 0B 46 4C 23 07 2A 64 23 4C 1A 4C 19 34 4C 58 64 38 0E 64 61 0D 43
16 13 61 0E 16 15 38 62 1C 19 0B 1A 31 64 43 1A 0B 26 67 4C
15 1C 1A 64 0B 46 54 43 07 25 32 07 1C 58 <EOM><EOM><EOM>

7836 kHz, 13-03, 1820 UTC, T600

SYNC 1EB41EB2952

SESSION KEY 26 26 1C 61 58 46 0E 15 4C 46 1A 62 50 1A 13 4A 0E 13 2C 51 1A 70 25 43 26 52
58 58 62 70 34 64 26 1C 2A 0E 68 34 34 16 31 64 13 70 0B 4C
01 4A 54 64 4C 70 13 26 46 32 26 26 25 2C 19 19 46 16 31 19
23 52 31 62 51 38 70 25 61 61 0E 26 0E 25 2A 43 64 46 1D 76
05 47 67 1E 38 6A 0D 16 03 45 72 38 11 70 03 43 4B 0D 06 55
19 06 4A 4C 4A 46 4C 68 5A 13 23 34 0A 55 0A 78 26 15 0B 18
49 41 63 0D 19 09 53 03 52 78 26 32 2A 31 16 18 53 25 26 13
0A 63 06 6A 19 29 31 0B 21 4E 18 63 25 28 63 30 63 26 29 21
47 09 43 6C 0E 09 74 07 05 65 0E 12 65 06 55 1C 16 26 12 47
26 21 63 0E 1A 26 11 68 00 62 08 00 00 0C 10 00 40 48 08 1C
1F 0F 7C 1B 5E 1E 10 55 0B 08 64 62 69 54 39 14 2C 41 69 4B
06 23 45 59 06 22 65 2C 4C 32 5A 09 56 05 29 31 4E 1A 03 43
56 07 13 0B 14 21 65 48 74 56 14 41 6B 15 12 4C 2B 09 5C 0E
06 34 32 49 44 6D 05 52 43 43 4E 14 32 54 27 1A 0D 11 49 45
38 36 10 62 63 49 47 07 01 70 61 6B 06 4A 48 76 03 4B 13 00
11 03 00 70 00 01 42 00 61 1C 27 6D 6E 3D 63 7E 07 3C 70 20
08 02 00 48 08 0C 03 7B 0D 66 7C 7F 07 7E 2F 4C 51 63 11 26
22 52 52 6C 2C 1C 49 48 64 64 61 7E 29 46 40 7C 3C 2A 25 21
66 49 42 3B 03 44 33 1C 49 22 66 1A 45 45 2C 46 43 16 1C 15
29 4A 4A 22 5C 41 64 31 6C 41 3A 18 3C 4B 02 52 3E 06 4C 1B
0A 45 26 22 35 43 25 21 54 63 46 11 67 01 58 62 67 02 58 31
32 37 0C 41 51 63 12 30 34 28 20 48 18 0E 05 00 00 11 0B 40
3C 62 2A 51 56 44 52 31 1C 65 24 31 30 74 34 54 36 0E 0E 45
16 11 65 14 18 5D 0B 0F 01 1E 11 40 69 42 33 02 01 0E 43 24
56 43 15 0A 63 0A 2A 1C 61 28 6E 09 49 2D 0B 0D 20 5D 08 63
21 1C 75 09 37 01 36 20 72 1F 02 2D 10 59 29 4B 23 43 08 70
75 12 56 42 19 19 51 33 46 25 16 0D 08 18 2F 04 12 00 00 21
01 60 20 71 73 4F 5B 4F 67 66 7B 4E 1D 67 73 40 00 00 10 0C
02 00 00 04 00 02 08 37 40 7C 3F 50 55 28 6B 04 5A 49 15 14
2E 63 10 3A 18 2C 69 2A 47 08 73 0B 08 64 70 56 32 2A 63 06
46 48 2C 64 2C 70 68 4C 65 44 1D 28 37 04 72 32 49 60 37 43
10 4C 59 63 08 36 2B 12 45 19 60 1D 15 48 5B 20 64 68 4C 71
47 2C 5F 46 7F 61 00 00 08 02 20 18 20 43 0B 3C 78 6F 68 69
20 71 51 09 05 45 18 64 4B 30 2D 30 34 63 22 33 48 4C 4A 0C
05 51 50 69 28 46 70 26 26 33 18 2A 33 42 4B 0C 26 69 50 0F
78 47 14 33 42 2B 28 4C 1B 29 45 18 1C 23 21 06 09 15 49 19
51 22 2C 70 26 4A 4A 16 34 39 0D 49 22 64 46 39 24 4B 28 59
15 28 1C 2C 59 19 0C 2F 78 76 3B 67 3F 76 37 63 67 3E 7D 40
03 00 0C 00 00 04 01 70 3B 73 43 60 18 14 79 6C 76 1F 70 6F
1C 13 54 13 42 2C 1A 43 15 34 54 11 23 4A 70 1C 43 15 4A 38
32 25 1A 38 19 2A 15 58 31 31 25 54 4A 58 54 34 34 0B 0D 1A
34 43 38 2A 61 07 43 2A 48 00 51 10 02 04 20 60 00 06 1C 45
78 29 23 13 32 26 34 18 55 18 46 43 72 32 0C 74 05 5A 30 5C
08 60 62 00 40 60 02 0C 00 08 00 20 00 0B 79 71 7C 7C 1C 6F
7C 1F 35 4C 34 00 2C 12 49 46 02 72 54 26 39 18 29 54 5A 02
6D 04 35 15 09 58 49 58 2E 14 52 44 72 50 6C 54 23 50 7C 0D
18 38 5A 09 33 18 46 32 4B 12 49 2B 14 26 52 59 03 22 73 18
45 47 0B 50 75 12 46 49 4D 11 5D 7D 7D <EOM><EOM><EOM>

7836 kHz, 13-03, 1824 UTC, T600

SYNC 1EB41EB2952

SESSION KEY 1C 15 0B 0B 23 43 31 52 1A 62 19 64 0E 1C 1C 70 07 19 70 70 51 54 52 2A 58 23
23 52 0D 0B 0E 54 58 07 61 64 2A 2C 19 38 0E 34 64 1A 23 2A
68 13 4C 31 2A 16 19 54 58 54 13 0A 05 60 30 28 40 03 01 41
10 01 48 00 20 18 02 06 01 01 02 06 02 20 00 04 02 00 08 01
40 30 03 43 0E 67 37 7B 0F 7E 37 79 7A 72 72 0E 21 0B 34 11
63 0A 4C 45 70 49 4D 34 03 51 5A 31 0E 26 06 4D 0D 2A 07 55
69 09 63 1A 09 70 05 5E 18 6C 16 20 47 21 6B 15 18 74 31 09
66 34 05 4B 0E 0A 69 0B 0D 11 58 4D 26 15 31 30 47 0C 58 55
29 16 38 15 03 43 78 0D 15 16 07 07 0D 3B 7B 7B <EOM><EOM><EOM>

LOGS SECTION

Code	Date	UTC	Freq	Day	Details	Mode	Contributor
---	1-3	1820	3243	Fri	Goose channel marker	USB	(AB)
---	1-3	1820	4770	Fri	Alarm channel marker	USB	(AB)
---	3-3	1718	6911	Sun	Radio war. Popular version of the Russian national anthem. Loop transmission	LSB	(AB)
---	3-3	1720	7050	Sun	Radio war. Russian national anthem, yelling and anti Russia slogans	LSB	(AB)
---	3-3	1720	7055	Sun	Radio war. Anti Russia slogans	USB	(AB)
---	3-3	1729	6321	Sun	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	5-3	0820	7260	Tue	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	5-3	0822	5780	Tue	New Pip channel marker	USB	(AB)
---	5-3	0822	6218	Tue	New Pip channel marker	USB	(AB)
---	5-3	0822	6230	Tue	New Pip channel marker	USB	(AB)
---	5-3	0822	6402	Tue	New Pip channel marker	USB	(AB)
---	5-3	1700	5838	Tue	Katyusha song on and off (new Pip briefly at 1701z)	USB	(AB)
---	5-3	1714	4770	Tue	Alarm channel marker	USB	(AB)
---	5-3	1714	3243	Tue	Goose channel marker	USB	(AB-S)
---	5-3	1716	4930	Tue	Goose channel marker	USB	(AB-S)
---	6-3	0601	5649	Wed	Unid marker	USB	(AB)
---	7-3	1446	4770	Tue	Alarm channel marker	USB	(AB)
---	7-3	1446	5780	Tue	New Pip channel marker	USB	(AB)
---	7-3	1446	5838	Tue	New Pip channel marker	USB	(AB)
---	7-3	1446	6218	Tue	New Pip channel marker	USB	(AB)
---	7-3	1446	6402	Tue	New Pip channel marker	USB	(AB)
---	7-3	1446	6930	Tue	New Pip channel marker	USB	(AB)
---	7-3	1450	4310	Tue	Goose channel marker	USB	(AB)
---	7-3	1450	4930	Tue	Goose channel marker	USB	(AB)
---	7-3	1454	5202	Tue	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	7-3	1454	7260	Tue	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	7-3	1556	5824	Tue	New Buzzer	USB	(AB)
---	7-3	1556	5852	Tue	New Buzzer	USB	(AB)
---	7-3	1556	6725	Tue	New Buzzer	USB	(AB)
---	7-3	1655	3243	Tue	Goose channel marker	USB	(AB)
---	9-3	1432	6911	Sat	Air raid siren	USB	(AB)
---	9-3	1530	7050	Sat	Radio war: Russian and Ukrainian stations. propaganda, music	LSB	(AB)
---	9-3	1530	7055	Sat	Radio war: Russian and Ukrainian stations	LSB	(AB)
---	9-3	1620	7060	Sat	Radio war: Russian and Ukrainian stations on top of each other	LSB	(AB)
---	10-3	0906	6911	Sun	Russian national anthem. Loop transmission	USB	(AB)
---	11-3	0629	5649	Mon	Unid marker	USB	(AB)
---	11-3	0747	6911	Mon	Russian anthem (loop transmission for hours)	USB	(AB)

---	11-3	0820	7260	Mon	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	11-3	1302	6911	Mon	Air raid sirens	USB	(AB)
---	11-3	1343	5202	Mon	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	11-3	1440	6911	Mon	Air raid sirens	USB	(AB)
---	11-3	1524	7050	Mon	Radio war: Ukrainian patriotic songs and talk	LSB	(AB)
---	11-3	1710	5780	Mon	New Pip channel marker	USB	(AB)
---	11-3	1710	5838	Mon	New Pip channel marker	USB	(AB)
---	11-3	1710	6218	Mon	New Pip channel marker	USB	(AB)
---	11-3	1710	6402	Mon	New Pip channel marker	USB	(AB)
---	11-3	1710	6930	Mon	New Pip channel marker	USB	(AB)
---	11-3	1712	3243	Mon	Goose channel marker	USB	(AB)
---	11-3	1712	4930	Mon	Goose channel marker	USB	(AB)
---	11-3	1714	4770	Mon	Alarm channel marker	USB	(AB)
---	13-3	1659	7050	Wed	Radio war: patriotic songs and talks	LSB	(AB)
---	13-3	1659	7055	Wed	Radio war:	LSB	(AB)
---	13-3	1816	5202	Wed	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	13-3	1816	7260	Wed	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	13-3	1835	5780	Wed	New Pip channel marker	USB	(AB)
---	13-3	1835	5838	Wed	New Pip channel marker	USB	(AB)
---	13-3	1835	6218	Wed	New Pip channel marker	USB	(AB)
---	13-3	1835	6402	Wed	New Pip channel marker	USB	(AB)
---	13-3	1835	6930	Wed	New Pip channel marker	USB	(AB)
---	13-3	1837	3243	Wed	Goose channel marker	USB	(AB)
---	13-3	1837	4930	Wed	Goose channel marker	USB	(AB)
---	13-3	1838	4770	Wed	Alarm channel marker	USB	(AB)
---	14-3	1510	6911	Tue	Russian national anthem (loop transmission)	USB	(AB)
---	14-3	1512	7050	Tue	Radio war. Various stations on top of each other	LSB	(AB)
---	15-3	1735	7055	Fri	Radio war: songs, patriotic talks	LSB	(AB)
---	16-3	2106	5202	Sat	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	18-3	1233	18567	Mon	Russian net	MFSK-13	(AB)
---	18-3	1237	16153	Mon	Russian net	MFSK-13	(AB)
---	18-3	1241	14547	Mon	Russian net	MFSK-13	(AB)
---	18-3	1245	13416	Mon	Russian net	MFSK-13	(AB)
---	18-3	1415	6911	Mon	Russian national anthem (loop transmission)	USB	(AB)
---	18-3	1722	7050	Mon	Anti Russia songs and yelling	LSB	(AB)
---	18-3	1722	7055	Mon	Propaganda	LSB	(AB)
---	19-3	0821	12215	Tue	Unid net.	MFSK-11/125Bd	(AB)
---	19-3	1440	13975	Tue	Unid net	MFSK-11/125Bd	(AB)
---	22-3	0907	6911	Fri	Air Raid Alarm (loop transmission)	USB	(AB)
---	25-3	1745	18730	Mon	New buzzer	USB	(AB)
---	25-3	1745	19000	Mon	New buzzer	USB	(AB-S)
---	25-3	1745	20000	Mon	New buzzer	USB	(AB-S)

---	27-3	0905	14882	Wed	Russian net	MFSK-13	(AB)
---	27-3	0909	13448	Wed	Russian net	MFSK-13	(AB)
---	30-3	2200	8041	Sat	New Buzzer	USB	(AB)
---	30-3	2200	8115	Sat	New Buzzer	USB	(AB)
BUL	1-3	0806	18455	Fri	Bulgarian diplo	RFSM	(AB)
BUL	1-3	0845	13365	Fri	Bulgarian diplo	RFSM	(AB)
BUL	1-3	0927	14755	Fri	Bulgarian diplo	RFSM	(AB)
BUL	1-3	0944	18515	Fri	Bulgarian diplo	RFSM	(AB)
BUL	1-3	0945	18455	Fri	Bulgarian diplo	RFSM	(AB)
BUL	5-3	0744	13365	Tue	Bulgarian diplo	RFSM	(AB)
BUL	5-3	0838	14755	Tue	Bulgarian diplo	RFSM	(AB)
BUL	5-3	1127	18515	Tue	Bulgarian diplo	RFSM	(AB)
BUL	5-3	1140	18455	Tue	Bulgarian diplo	RFSM	(AB)
BUL	5-3	1323	17440	Tue	Bulgarian diplo	RFSM	(AB)
BUL	6-3	0820	18455	Wed	Bulgarian diplo	RFSM	(AB)
BUL	6-3	0926	14755	Wed	Bulgarian diplo	RFSM	(AB)
BUL	6-3	1126	18515	Wed	Bulgarian diplo	RFSM	(AB)
BUL	7-3	0744	13365	Tue	Bulgarian diplo	RFSM	(AB)
BUL	7-3	0930	14755	Tue	Bulgarian diplo	RFSM	(AB)
BUL	7-3	1327	17440	Tue	Bulgarian diplo	RFSM	(AB)
BUL	7-3	1357	14855	Tue	Bulgarian diplo	RFSM	(AB)
BUL	13-3	0926	14755	Wed	Bulgarian diplo	RFSM	(AB)
BUL	20-3	0927	14755	Wed	Bulgarian diplo	RFSM	(AB)
BUL	22-3	0926	14755	Fri	Bulgarian diplo	RFSM	(AB)
BUL	22-3	1325	17440	Fri	Bulgarian diplo	RFSM	(AB)
BUL	22-3	1328	13365	Fri	Bulgarian diplo	RFSM	(AB)
BUL	22-3	1356	18515	Fri	Bulgarian diplo	RFSM	(AB)
BUL	26-3	0925	14755	Tue	Bulgarian diplo	RFSM	(AB)
BUL	26-3	1124	18515	Tue	Bulgarian diplo	RFSM	(AB)
BUL	26-3	1324	17440	Tue	Bulgarian diplo	RFSM	(AB)
BUL	26-3	1356	18455	Tue	Bulgarian diplo	RFSM	(AB)
BUL	27-3	0925	14755	Wed	Bulgarian diplo	RFSM	(AB)
BUL	28-3	0926	14755	Tue	Bulgarian diplo	RFSM	(AB)
BUL	28-3	1326	17440	Tue	Bulgarian diplo	RFSM	(AB)
BUL	28-3	1328	13365	Tue	Bulgarian diplo	RFSM	(AB)
BUL	28-3	1356	18455	Tue	Bulgarian diplo	RFSM	(AB)
BUL	29-3	0842	13365	Fri	Bulgarian diplo	RFSM	(AB)
BUL	29-3	0847	18455	Fri	Bulgarian diplo	RFSM	(AB)
BUL	29-3	0926	14755	Fri	Bulgarian diplo	RFSM	(AB)
BUL	29-3	0942	17440	Fri	Bulgarian diplo	RFSM	(AB)
BUL	29-3	0944	18515	Fri	Bulgarian diplo	RFSM	(AB)
DPRK	1-3	0630	13400	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)

DPRK	1-3	0745	14300	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	1-3	0751	13000	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	1-3	0823	16252	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	4-3	0800	12400	Mon	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	8-3	0805	14222	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	15-3	1230	16252	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	18-3	1357	16252	Mon	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	21-3	0658	13400	Tue	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	21-3	0732	12800	Tue	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	21-3	0732	14300	Tue	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	21-3	0732	14650	Tue	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	21-3	1329	12800	Tue	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	22-3	0633	16252	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	22-3	0805	11050	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	23-3	0805	14860	Sat	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	23-3	1314	16250	Sat	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	23-3	1409	14300	Sat	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	23-3	1409	18648	Sat	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	28-3	0737	14300	Tue	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	28-3	0744	12400	Tue	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	29-3	1230	16252	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	29-3	1240	14300	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	29-3	1257	16252	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
E06	7-3	0600	16230	Tue	864 923 50 47562 19712 14018 ... 50806 31358 17806 923 50 00000	USB	(AB/HFD)
E06	7-3	0700	19325	Tue	864 923 50 47562 19712 14018 ... 50806 31358 17806 923 50 00000	USB	(AB/HFD)
E06	8-3	0600	16230	Fri	864 923 50 47562 19712 14018 ... 50806 31358 17806 923 50 00000	USB	(AB)
E06	8-3	0700	19325	Fri	864 923 50 47562 19712 14018 ... 50806 31358 17806 923 50 00000	USB	(AB)
E06	9-3	0800	14721	Sat	262 179 43 90478 05493 30942 ... 34446 77404 43645 179 43 00000	USB	(PY)
E06	9-3	0830	12188	Sat	262 179 43 90478 05493 30942 ... 34446 77404 43645 179 43 00000	USB	(PY)
E06	9-3	1600	9463	Sat	480 726 43 32106 54549 20521 ... 41728 71596 41243 726 43 00000	USB	(AB)
E06	9-3	1900	7377	Sat	262 179 43 90478 05493 30942 ... 34446 77404 43645 179 43 00000	USB	(PY)
E06	9-3	1930	5380	Sat	262 179 43 90478 05493 30942 ... 34446 77404 43645 179 43 00000	USB	(AB/PY)
E06	10-3	0730	12093	Sun	480 726 43 32106 54549 20521 ... 41728 71596 41243 726 43 00000	USB	(AB)
E06	10-3	0800	10212	Sun	480 726 43 32106 54549 20521 ... 41728 71596 41243 726 43 00000	USB	(AB)
E06	16-3	0800	14721	Sat	262 971 42 50814 20450 15358 ... 93818 61925 09689 971 42 00000	USB	(AB/PY)
E06	16-3	0830	12188	Sat	262 971 42 50814 20450 15358 ... 93818 61925 09689 971 42 00000	USB	(AB/PY)
E06	16-3	1900	7377	Sat	262 971 42 50814 20450 15358 ... 93818 61925 09689 971 42 00000	USB	(AB/PY)
E06	16-3	1930	5380	Sat	262 971 42 50814 20450 15358 ... 93818 61925 09689 971 42 00000	USB	(AB/PY)
E06	20-3	0130	5879	Wed	759 124 36 78580 76419 09491 ... 67877 47632 23657 124 36 00000	USB	(PY)
E06	20-3	0230	4923	Wed	759 124 36 78580 76419 09491 ... 67877 47632 23657 124 36 00000	USB	(PY)
E06	20-3	1730	12215	Wed	439 157 26 76908 15021 61904 ... 92835 35404 26322 157 26 00000	USB	(AB/qsr711)
E06	20-3	1830	9069	Wed	439 157 26 76908 15021 61904 ... 92835 35404 26322 157 26 00000	USB	(AB/qsr711/Lac)

E06	21-3	0130	5879	Tue	759 124 36 78580 76419 09491 ... 67877 47632 23657 124 36 00000	USB	(PY)
E06	21-3	0230	4923	Tue	759 124 36 78580 76419 09491 ... 67877 47632 23657 124 36 00000	USB	(PY)
E06	21-3	0600	16230	Tue	864 731 52 34285 23974 85125 ... 04364 17782 00462 731 52 00000	USB	(AB)
E06	21-3	0700	19325	Tue	864 731 52 34285 23974 85125 ... 04364 17782 00462 731 52 00000	USB	(AB/Lac)
E06	22-3	0600	16230	Fri	864 731 52 34285 23974 85125 ... 04364 17782 00462 731 52 00000	USB	(AB)
E06	22-3	0700	19325	Fri	864 731 52 34285 23974 85125 ... 04364 17782 00462 731 52 00000	USB	(AB)
E06	22-3	0700	19325	Fri	864 731 , repeat from 2024-03-21	USB	(Lac)
E06	23-3	0800	14721	Sat	262 739 46 79764 02512 42192 ... 81589 96477 13943 739 46 00000	USB	(AB/HFD)
E06	23-3	0830	12188	Sat	262 739 46 79764 02512 42192 ... 81589 96477 13943 739 46 00000	USB	(AB/HFD)
E06	23-3	1600	9463	Sat	480 157 46 15951 26860 28742 ... 75089 80638 75139 157 46 00000	USB	(AB/HFD/Lac)
E06	23-3	1630	7353	Sat	480 157 46 15951 26860 28742 ... 75089 80638 75139 157 46 00000	USB	(HFD)
E06	23-3	1900	7377	Sat	262 739 46 79764 02512 42192 ... 81589 96477 13943 739 46 00000	USB	(AB/HFD/Lac)
E06	23-3	1930	5380	Sat	262 739 46 79764 02512 42192 ... 81589 96477 13943 739 46 00000	USB	(AB/HFD/Lac)
E06	24-3	0730	12093	Sun	480 157 46 15951 26860 28742 ... 75089 80638 75139 157 46 00000	USB	(AB/HFD)
E06	24-3	0800	10212	Sun	480 157 46 15951 26860 28742 ... 75089 80638 75139 157 46 00000	USB	(AB/HFD)
E07	1-3	1500	14571	Fri	584 584 584 000	USB	(AB/HFD)
E07	1-3	1520	15851	Fri	584 584 584 000	USB	(AB/HFD)
E07	2-3	1410	16284	Sat	328 328 328 1 839 81 839 81 99915 85927 00607 ... 50769 69751 61547 000 000 Restart at 1411z	USB	(AB/HFD)
E07	2-3	1430	14854	Sat	328 328 328 1 839 81 839 81 99915 85927 00607 ... 50769 69751 61547 000 000	USB	(AB/HFD)
E07	2-3	1450	13384	Sat	328 328 328 1 839 81 839 81 99915 85927 00607 ... 50769 69751 61547 000 000	USB	(AB/HFD)
E07	5-3	1500	14571	Tue	584 584 584 1 403 77 403 77 84725 84431 28749 ... 21428 05986 74102 000 000	USB	(AB/Lac)
E07	5-3	1520	15851	Tue	584 584 584 1 403 77 403 77 84725 84431 28749 ... 21428 05986 74102 000 000	USB	(AB/Lac)
E07	5-3	1540	17451	Tue	584 584 584 1 403 77 403 77 84725 84431 28749 ... 21428 05986 74102 000 000	USB	(AB/Lac)
E07	7-3	1410	16284	Tue	328 328 328 000	USB	(AB)
E07	7-3	1430	14854	Tue	328 328 328 000	USB	(AB)
E07	8-3	1500	14571	Fri	584 584 584 1 403 77 403 77 84725 84431 28749 ... 21428 05986 74102 000 000	USB	(AB)
E07	8-3	1520	15851	Fri	584 584 584 1 403 77 403 77 84725 84431 28749 ... 21428 05986 74102 000 000	USB	(AB)
E07	8-3	1540	17451	Fri	584 584 584 1 403 77 403 77 84725 84431 28749 ... 21428 05986 74102 000 000	USB	(AB)
E07	9-3	1410	16284	Sat	328 328 328 000	USB	(AB)
E07	9-3	1430	14854	Sat	328 328 328 000	USB	(AB)
E07	12-3	1500	14571	Tue	584 584 584 000	USB	(AB/Lac)
E07	12-3	1520	15851	Tue	584 584 584 000	USB	(AB/Lac)
E07	14-3	1410	16284	Tue	328 328 328 1 7151 123 7151 123 96669 83583 24265 ... 41492 61686 97474 000 000	USB	(AB/Lac)
E07	14-3	1430	14854	Tue	328 328 328 1 7151 123 7151 123 96669 83583 24265 ... 41492 61686 97474 000 000	USB	(AB/Lac)
E07	14-3	1450	13384	Tue	328 328 328 1 7151 123 7151 123 96669 83583 24265 ... 41492 61686 97474 000 000	USB	(AB/Lac)
E07	15-3	1500	14571	Fri	584 584 584 000	USB	(AB)
E07	15-3	1520	15851	Fri	584 584 584 000	USB	(AB)
E07	16-3	1410	16284	Sat	328 328 328 1 7151 123 7151 123 96669 83583 24265 ... 41492 61686 97474 000 000	USB	(AB)
E07	16-3	1430	14854	Sat	328 328 328 1 7151 123 7151 123 96669 83583 24265 ... 41492 61686 97474 000 000	USB	(AB)
E07	16-3	1450	13384	Sat	328 328 328 1 7151 123 7151 123 96669 83583 24265 ... 41492 61686 97474 000 000	USB	(AB)
E07	19-3	1500	14571	Tue	584 584 584 1 306 139 306 139 40646 60638 46788 ... 71681 77460 83020 000 000	USB	(AB/Lac)

E07	19-3	1520	15851	Tue	584 584 584 1 306 139 306 139 40646 60638 46788 ... 71681 77460 83020 000 000. Restart after group 98	USB	(AB/Lac)
E07	19-3	1540	17451	Tue	584 584 584 1 306 139 306 139 40646 60638 46788 ... 71681 77460 83020 000 000	USB	(AB/Lac)
E07	21-3	1410	16284	Tue	328 328 328 000	USB	(AB)
E07	21-3	1430	14854	Tue	328 328 328 000	USB	(AB)
E07	22-3	1500	14571	Fri	584 584 584 1 306 139 306 139 40646 60638 46788 ... 71681 77460 83020 000 000	USB	(AB/EW)
E07	22-3	1500	14571	Fri	584 1 306 139, repeat from 2024-03-20	USB	(Lac)
E07	22-3	1520	15851	Fri	584 584 584 1 306 139 306 139 40646 60638 46788 ... 71681 77460 83020 000 000	USB	(AB)
E07	22-3	1520	15851	Fri	584 1 306 139, repeat from 2024-03-20	USB	(Lac)
E07	22-3	1530	17451	Fri	584 1 306 139, repeat from 2024-03-20	USB	(Lac)
E07	22-3	1540	17451	Fri	584 584 584 1 306 139 306 139 40646 60638 46788 ... 71681 77460 83020 000 000	USB	(AB)
E07	23-3	1410	16284	Sat	328 328 328 000	USB	(AB)
E07	23-3	1430	14854	Sat	328 328 328 000	USB	(AB)
E07	26-3	1500	14571	Tue	584 584 584 000	USB	(AB)
E07	26-3	1520	15851	Tue	584 584 584 000	USB	(AB)
E07	28-3	1410	16284	Tue	328 328 328 1 214 75 214 75 92242 03187 46373 ... 12757 96490 72497 000 000	USB	(AB/Lac)
E07	28-3	1430	14854	Tue	328 328 328 1 214 75 214 75 92242 03187 46373 ... 12757 96490 72497 000 000	USB	(AB/Lac)
E07	28-3	1450	13384	Tue	328 328 328 1 214 75 214 75 92242 03187 46373 ... 12757 96490 72497 000 000	USB	(AB/Lac)
E07	29-3	1500	14571	Fri	584 584 584 000	USB	(AB)
E07	29-3	1520	15851	Fri	584 584 584 000	USB	(AB)
E07	30-3	1410	16284	Sat	328 328 328 1 214 75 214 75 92242 03187 46373 ... 12757 96490 72497 000 000	USB	(AB)
E07	30-3	1430	14854	Sat	328 328 328 1 214 75 214 75 92242 03187 46373 ... 12757 96490 72497 000 000	USB	(AB)
E07	30-3	1450	13384	Sat	328 328 328 1 214 75 214 75 92242 03187 46373 ... 12757 96490 72497 000 000	USB	(AB)
E11	1-3	0600	8680	Fri	350/00 Out	USB	(AB/HFD)
E11	1-3	0700	8180	Fri	575/00 Out	USB	(AB/HFD)
E11	1-3	0715	15720	Fri	635/00 Out	USB	(AB/HFD)
E11	1-3	0745	17410	Fri	343/00 Out	USB	(AB/HFD)
E11	1-3	0820	6807	Fri	430/00 Out	USB	(AB/HFD/Lac)
E11	1-3	0830	20170	Fri	189/00 Out	USB	(AB/HFD/Lac)
E11	1-3	1000	9951	Fri	306/00 Out	USB	(AB/HFD)
E11	1-3	1715	6923	Fri	977/00 Out	USB	(AB/HFD/Lac)
E11	1-3	1815	11116	Fri	921/00 Out	USB	(AB/HFD/Lac)
E11	1-3	1910	8530	Fri	612/00 Out	USB	(AB/HFD/Lac)
E11	2-3	0700	9079	Sat	498/00 Out	USB	(AB/HFD)
E11	2-3	1430	14972	Sat	917/00 Out	USB	(AB/HFD)
E11	2-3	1610	4181	Sat	394/00 Out	USB	(AB/HFD)
E11	2-3	1645	4505	Sat	368/00 Out	USB	(AB/HFD)
E11	3-3	0700	9079	Sun	492/00 Out (distorted audio)	USB	(AB)
E11	3-3	1605	5176	Sun	238/00 Out	USB	(AB/HFD/Lac)
E11	3-3	1605	5176	Sun	238/00	USB	(HFD)
E11	3-3	1645	4505	Sun	364/00 Out	USB	(AB/Lac)
E11	3-3	1745	13470	Sun	248/00 Out	USB	(AB/HFD/Lac)

E11	3-3	1815	11116	Sun	922/00 Out	USB	(AB)
E11	3-3	1910	8530	Sun	617/00 Out	USB	(AB)
E11	3-3	2000	5737	Sun	527/00 Out	USB	(AB/HFD)
E11	4-3	0315	11581	Mon	250/00	USB	(HFD)
E11	4-3	0600	19515	Mon	949/00 Out	USB	(AB-POL/HFD/Lac)
E11	4-3	0715	15632	Mon	750/00 Out	USB	(AB/HFD)
E11	4-3	0845	12202	Mon	718/00 Out	USB	(HFD/Lac)
E11	4-3	0900	13117	Mon	532/00 Out	USB	(HFD/Lac)
E11	4-3	1300	5371	Mon	319/00 Out	USB	(AB-POL/HFD)
E11	4-3	1745	13470	Mon	244/00 Out	USB	(AB)
E11	4-3	1900	7317	Mon	648/00 Out	USB	(AB/HFD)
E11	5-3	0700	8180	Tue	570/00 Out	USB	(AB)
E11	5-3	0715	15720	Tue	639/00 Out	USB	(AB/Lac)
E11	5-3	0745	14865	Tue	224/00 Out	USB	(AB/HFD)
E11	5-3	0820	19184	Tue	138/00 Out	USB	(AB-POL/HFD/Lac)
E11	5-3	0845	18168	Tue	150/00 Out	USB	(AB/HFD/Lac)
E11	5-3	1000	9951	Tue	302/00 Out	USB	(AB)
E11	5-3	1430	14972	Tue	915/00 Out	USB	(AB/Lac)
E11	5-3	1605	5176	Tue	235/00 Out	USB	(AB/Lac)
E11	6-3	0315	11581	Wed	250/00 Out	USB	(TM)
E11	6-3	0600	19515	Wed	944/00 Out	USB	(AB)
E11	6-3	0715	15632	Wed	753/00 Out	USB	(AB)
E11	6-3	0745	17410	Wed	340/00 Out	USB	(AB-POL/Lac)
E11	6-3	0820	19184	Wed	132/00 Out	USB	(AB-POL)
E11	6-3	0845	12202	Wed	711/00 Out	USB	(AB)
E11	6-3	0900	13117	Wed	530/00 Out	USB	(AB)
E11	6-3	0930	6940	Wed	267/00 Out	USB	(AB/HFD)
E11	6-3	1715	6923	Wed	976/00 Out	USB	(AB)
E11	7-3	0745	14865	Tue	223/00 Out	USB	(AB)
E11	7-3	0845	18168	Tue	152/00 Out	USB	(AB)
E11	7-3	0930	6940	Tue	279/00 Out	USB	(AB)
E11	7-3	1300	5371	Tue	314/00 Out	USB	(AB)
E11	7-3	1900	7317	Tue	648/00 Out	USB	(AB)
E11	7-3	2000	5737	Tue	525/00 Out	USB	(AB)
E11	8-3	0600	8680	Fri	353/00 Out	USB	(AB)
E11	8-3	0700	8180	Fri	571/00 Out	USB	(AB)
E11	8-3	0715	15720	Fri	639/00 Out	USB	(AB)
E11	8-3	0745	17410	Fri	347/00 Out	USB	(AB)
E11	8-3	1000	9951	Fri	307/00 Out	USB	(AB)
E11	8-3	1715	6923	Fri	976/00 Out	USB	(AB)
E11	8-3	1815	11116	Fri	921/00 Out	USB	(AB)
E11	8-3	1910	8530	Fri	613/00 Out	USB	(AB)

E11	9-3	1430	14972	Sat	918/00 Out	USB	(AB)
E11	9-3	1645	4505	Sat	366/00 Out	USB	(AB)
E11	10-3	0600	8680	Sun	358/00 Out	USB	(AB)
E11	10-3	1605	5176	Sun	231/00 Out	USB	(AB)
E11	10-3	1645	4505	Sun	367/00 Out	USB	(AB)
E11	10-3	1745	13470	Sun	240/00 Out	USB	(AB)
E11	10-3	1815	11116	Sun	921/00 Out	USB	(AB)
E11	10-3	1910	8530	Sun	617/00 Out	USB	(AB)
E11	10-3	2000	5737	Sun	525/00 Out	USB	(AB)
E11	11-3	0315	11581	Mon	250/00 Out	USB	(TM)
E11	11-3	0450	5371	Mon	413/00 Out	USB	(AB/HFD)
E11	11-3	0600	19515	Mon	946/00 Out	USB	(AB-POL)
E11	11-3	0715	15632	Mon	750/00 Out	USB	(AB)
E11	11-3	0745	10213	Mon	267/00 Out	USB	(AB/HFD)
E11	11-3	0830	20170	Mon	181/00 Out	USB	(AB-POL)
E11	11-3	0900	13117	Mon	538/00 Out	USB	(AB)
E11	11-3	1045	10200	Mon	694/00 Out	USB	(AB/Lac)
E11	11-3	1745	13470	Mon	242/00 Out	USB	(AB)
E11	12-3	0645	8423	Tue	512/00 Out	USB	(AB/Lac)
E11	12-3	0700	8180	Tue	571/00 Out	USB	(AB/Lac)
E11	12-3	0715	15720	Tue	630/00 Out	USB	(AB/Lac)
E11	12-3	1205	9399	Tue	466/00 Out	USB	(AB/Lac)
E11	12-3	1230	12530	Tue	331/00 Out	USB	(AB)
E11	12-3	1430	14972	Tue	918/00 Out	USB	(AB)
E11	12-3	1605	5176	Tue	238/00 Out	USB	(AB/Lac)
E11	13-3	0315	11581	Wed	256/00 Out	USB	(TM)
E11	13-3	0600	19515	Wed	949/00 Out	USB	(AB)
E11	13-3	0715	15632	Wed	755/00 Out	USB	(AB)
E11	13-3	0745	17410	Wed	342/00 Out	USB	(AB-POL)
E11	13-3	0900	13117	Wed	535/00 Out	USB	(AB/Lac)
E11	13-3	0930	6940	Wed	260/00 Out	USB	(AB)
E11	13-3	1045	10200	Wed	693/00 Out	USB	(AB)
E11	13-3	1205	9399	Wed	463/00 Out	USB	(AB)
E11	13-3	1610	4181	Wed	394/00 Out	USB	(AB)
E11	13-3	1715	6923	Wed	977/00 Out	USB	(AB)
E11	14-3	0645	8423	Tue	514/00 Out	USB	(AB)
E11	14-3	0820	6807	Tue	430/00 Out	USB	(AB-POL)
E11	14-3	0930	6940	Tue	271/00 Out	USB	(AB)
E11	14-3	1230	12530	Tue	335/00 Out	USB	(AB)
E11	14-3	1530	10330	Tue	269/00 Out	USB	(AB/Lac)
E11	14-3	1730	7864	Tue	418/00 Out	USB	(AB)
E11	15-3	0600	8680	Fri	353/00 Out	USB	(AB)

E11	15-3	0700	8180	Fri	571/00 Out	USB	(AB/Lac)
E11	15-3	0715	15720	Fri	633/00 Out	USB	(AB/Lac)
E11	15-3	0745	17410	Fri	344/00 Out	USB	(AB/Lac)
E11	15-3	0820	6807	Fri	434/00 Out	USB	(AB/Lac)
E11	15-3	0830	20170	Fri	184/00 Out	USB	(AB/Lac)
E11	15-3	1715	6923	Fri	978/00 Out	USB	(AB)
E11	15-3	1910	8530	Fri	618/00 Out	USB	(AB)
E11	16-3	0700	9079	Sat	490/00 Out	USB	(AB)
E11	16-3	1430	14972	Sat	915/00 Out	USB	(AB)
E11	16-3	1610	4181	Sat	394/00 Out	USB	(AB)
E11	16-3	1645	4505	Sat	368/00 Out	USB	(AB)
E11	17-3	0600	8680	Sun	353/00 Out	USB	(AB)
E11	17-3	0700	9079	Sun	497/00 Out	USB	(AB)
E11	17-3	1605	5176	Sun	231/00 Out	USB	(AB)
E11	17-3	1645	4505	Sun	366/00 Out	USB	(AB)
E11	17-3	1745	13470	Sun	249/00 Out	USB	(AB)
E11	17-3	1910	8530	Sun	617/00 Out	USB	(AB)
E11	18-3	0450	5371	Mon	413/00 Out	USB	(AB)
E11	18-3	0745	10213	Mon	262/00 Out	USB	(AB)
E11	18-3	0830	20170	Mon	188/00 Out	USB	(AB-POL)
E11	18-3	0845	12202	Mon	714/00 Out	USB	(AB)
E11	18-3	1045	10200	Mon	690/00 Out	USB	(AB)
E11	18-3	1300	5371	Mon	315/00 Out	USB	(AB-POL)
E11	18-3	1900	7317	Mon	647/00 Out	USB	(AB)
E11	19-3	0645	8423	Tue	510/00 Out	USB	(AB/Lac)
E11	19-3	0715	15720	Tue	631/00 Out	USB	(AB/Lac)
E11	19-3	0745	14865	Tue	227/00 Out	USB	(AB)
E11	19-3	0820	19184	Tue	134/00 Out	USB	(AB-POL)
E11	19-3	0845	18168	Tue	155/00 Out	USB	(AB/Lac)
E11	19-3	1000	9951	Tue	306/00 Out	USB	(AB)
E11	19-3	1205	9399	Tue	466/00 Out	USB	(AB)
E11	19-3	1230	12530	Tue	330/00 Out	USB	(AB)
E11	20-3	0745	17410	Wed	344/00 Out	USB	(AB-POL/Lac)
E11	20-3	0820	19184	Wed	134/00 Out	USB	(AB-POL/Lac)
E11	20-3	0845	12202	Wed	716/00 Out	USB	(AB)
E11	20-3	0930	6940	Wed	277/00 Out	USB	(AB/Lac)
E11	20-3	1045	10200	Wed	692/00 Out	USB	(AB)
E11	20-3	1205	9399	Wed	464/00 Out	USB	(AB)
E11	20-3	1610	4181	Wed	399/00 Out	USB	(AB)
E11	20-3	1715	6923	Wed	977/00 Out	USB	(AB/Lac)
E11	21-3	0745	14865	Tue	228/00 Out	USB	(AB/Lac)
E11	21-3	0820	6807	Tue	438/00 Out	USB	(AB-POL/Lac)

E11	21-3	0845	18168	Tue	159/00 Out	USB	(AB/Lac)
E11	21-3	0930	6940	Tue	278/00 Out	USB	(AB)
E11	21-3	1230	12530	Tue	337/00 Out	USB	(AB)
E11	21-3	1300	5371	Tue	312/00 Out	USB	(AB)
E11	21-3	1530	10330	Tue	266/00 Out	USB	(AB)
E11	21-3	1730	7864	Tue	416/00 Out	USB	(AB)
E11	21-3	1900	7317	Tue	641/00 Out	USB	(AB)
E11	21-3	2000	5737	Tue	521/00 Out	USB	(AB)
E11	22-3	0600	8680	Fri	355/00 Out	USB	(AB)
E11	22-3	0715	15720	Fri	636/00 Out	USB	(AB/Lac)
E11	22-3	0745	17410	Fri	342/00 Out	USB	(AB-POL/Lac)
E11	22-3	0820	6807	Fri	430/00 Out	USB	(AB/Lac)
E11	22-3	0830	20170	Fri	181/00 Out	USB	(AB-POL/Lac)
E11	22-3	1000	9951	Fri	307/00 Out	USB	(AB)
E11	22-3	1715	6923	Fri	972/00 Out	USB	(AB)
E11	22-3	1815	11116	Fri	927/00 Out	USB	(AB)
E11	22-3	1910	8530	Fri	612/00 Out	USB	(AB)
E11	23-3	0700	9079	Sat	495/00 Out	USB	(AB)
E11	23-3	1610	4181	Sat	399/00 Out	USB	(AB/Lac)
E11	23-3	1645	4505	Sat	360/00 Out	USB	(AB)
E11	24-3	0600	8680	Sun	350/00 Out	USB	(AB)
E11	24-3	0700	9079	Sun	492/00 Out	USB	(AB)
E11	24-3	1645	4505	Sun	363/00 Out	USB	(AB)
E11	24-3	1815	11116	Sun	924/00 Out	USB	(AB)
E11	24-3	1910	8530	Sun	610/00 Out	USB	(AB)
E11	24-3	2000	5737	Sun	525/00 Out	USB	(AB/Lac)
E11	25-3	0315	11581	Mon	Too weak to copy	USB	(AB)
E11	25-3	0450	5371	Mon	415/00 Out	USB	(AB)
E11	25-3	0600	19515	Mon	945/00 Out	USB	(AB-POL)
E11	25-3	0745	10213	Mon	268/00 Out	USB	(AB/Lac)
E11	25-3	0745	10213	Mon	268/00	USB	(Lac)
E11	25-3	0830	20170	Mon	188/00 Out	USB	(AB-POL/Lac)
E11	25-3	0845	12202	Mon	711/00 Out	USB	(AB-POL/Lac)
E11	25-3	0900	13117	Mon	534/00 Out	USB	(AB)
E11	25-3	1045	10200	Mon	691/00 Out	USB	(AB)
E11	25-3	1300	5371	Mon	314/00 Out	USB	(AB-POL/Lac)
E11	25-3	1745	13470	Mon	245/00 Out	USB	(AB-S)
E11	25-3	1900	7317	Mon	647/00 Out	USB	(AB)
E11	26-3	0645	8423	Tue	511/00 Out	USB	(AB)
E11	26-3	0700	8180	Tue	573/00 Out	USB	(AB)
E11	26-3	0745	14865	Tue	224/00 Out	USB	(AB/Lac)
E11	26-3	0820	19184	Tue	133/00 Out	USB	(AB-POL)

E11	26-3	0845	18168	Tue	154/00 Out	USB	(AB)
E11	26-3	1000	9951	Tue	306/00 Out	USB	(AB)
E11	26-3	1205	9399	Tue	463/00 Out	USB	(AB)
E11	26-3	1230	12530	Tue	330/00 Out	USB	(AB)
E11	26-3	1430	14972	Tue	917/00 Out	USB	(AB/Lac)
E11	26-3	1605	5176	Tue	238/00 Out	USB	(AB)
E11	27-3	0315	11581	Wed	258/00 Out	USB	(TM)
E11	27-3	0600	19515	Wed	944/00 Out	USB	(AB-POL/EW)
E11	27-3	0715	15632	Wed	755/00 Out	USB	(AB)
E11	27-3	0820	19184	Wed	133/00 Out	USB	(AB-POL)
E11	27-3	0845	12202	Wed	711/00 Out	USB	(AB/Lac)
E11	27-3	0900	13117	Wed	530/00 Out	USB	(AB/Lac)
E11	27-3	1045	10200	Wed	696/00 Out	USB	(AB/Lac)
E11	27-3	1205	9399	Wed	466/00 Out	USB	(AB)
E11	27-3	1610	4181	Wed	390/00 Out	USB	(AB)
E11	28-3	0645	8423	Tue	514/00 Out	USB	(AB)
E11	28-3	0745	14865	Tue	224/00 Out	USB	(AB)
E11	28-3	0820	6807	Tue	438/00 Out	USB	(AB-POL)
E11	28-3	0845	18168	Tue	154/00 Out	USB	(AB)
E11	28-3	1230	12530	Tue	331/00 Out	USB	(AB)
E11	28-3	1300	5371	Tue	319/00 Out	USB	(AB-POL)
E11	28-3	1530	10330	Tue	264/00 Out	USB	(AB)
E11	28-3	1730	7864	Tue	412/00 Out	USB	(AB)
E11	28-3	1900	7317	Tue	648/00 Out	USB	(AB)
E11	28-3	2000	5737	Tue	521/00 Out	USB	(AB)
E11	29-3	0700	8180	Fri	577/00 Out	USB	(AB)
E11	29-3	0820	6807	Fri	436/00 Out	USB	(AB)
E11	29-3	1000	9951	Fri	304/00 Out	USB	(AB)
E11	29-3	1815	11116	Fri	929/00 Out	USB	(AB)
E11	30-3	0700	9079	Sat	490/00 Out	USB	(AB)
E11	30-3	1430	14972	Sat	915/00 Out	USB	(AB)
E11	30-3	1610	4181	Sat	395/00 Out	USB	(AB)
E11	31-3	0700	9079	Sun	498/00 Out	USB	(AB)
E11	31-3	1605	5176	Sun	231/00 Out	USB	(AB)
E11	31-3	1745	13470	Sun	247/00 Out	USB	(AB)
E11	31-3	1815	11116	Sun	922/00 Out	USB	(AB)
E11	31-3	2000	5737	Sun	524/00 Out	USB	(AB)
E11a	4-3	0450	5371	Mon	418/34 Attention 92627 02681 19800 ... 75671 40627 23300 Attention (msg rptd) Out	USB	(AB)
E11a	4-3	0745	10213	Mon	264/38 Attention 92109 53714 64683 ... 90740 53367 49730 Attention (msg rptd) Out	USB	(AB/Lac)
E11a	4-3	0830	20170	Mon	189/24 Attention 75677 05766 82227 ... 30938 12835 96925 Attention (msg rptd) Out	USB	(AB-POL/Lac)
E11a	4-3	1045	10200	Mon	693/28 Attention 05715 06676 61070 ... 65706 84029 83541 Attention (msg rptd) Out	USB	(AB/HFD/Lac)
E11a	5-3	0645	8423	Tue	512/31 Attention 24937 53079 66123 ... 02081 75583 49859 Attention (msg rptd) Out	USB	(AB/HFD/Lac)

E11a	5-3	1205	9399	Tue	460/35 Attention 87512 20045 88559 ... 71144 79815 38500 Attention (msg rptd) Out	USB	(AB/HFD/Lac)
E11a	5-3	1230	12530	Tue	338/35 Attention 39239 01378 41233 ... 58788 87422 48665 Attention (msg rptd) Out	USB	(AB/HFD/Lac)
E11a	6-3	1045	10200	Wed	693/28 Attention 05715 06676 61070 ... 65706 84029 83541 Attention (msg rptd) Out	USB	(AB)
E11a	6-3	1205	9399	Wed	460/35 Attention 87512 20045 88559 ... 71144 79815 38500 Attention (msg rptd) Out	USB	(AB/Lac)
E11a	6-3	1610	4181	Wed	396/33 Attention 71162 60714 96719 ... 45053 62231 94963 Attention (msg rptd) Out	USB	(AB)
E11a	7-3	0645	8423	Tue	512/31 Attention 24937 53079 66123 ... 02081 75583 49859 Attention (msg rptd) Out	USB	(AB)
E11a	7-3	0820	6807	Tue	435/33 Attention 25131 87743 19899 ... 88818 02877 04063 Attention (msg rptd) Out	USB	(AB)
E11a	7-3	1230	12530	Tue	338/35 Attention 39239 01378 41233 ... 58788 87422 48665 Attention (msg rptd) Out	USB	(AB)
E11a	7-3	1530	10330	Tue	264/38 Attention 92109 53714 64683 ... 90740 53367 49730 Attention (msg rptd) Out	USB	(AB/HFD)
E11a	7-3	1730	7864	Tue	418/34 Attention 92627 02681 19800 ... 75671 40627 23300 Attention (msg rptd) Out	USB	(AB/HFD)
E11a	8-3	0820	6807	Fri	435/33 Attention 25131 87743 19899 ... 88818 02877 04063 Attention (msg rptd) Out	USB	(AB)
E11a	8-3	0830	20170	Fri	189/24 Attention 75677 05766 82227 ... 30938 12835 96925 Attention (msg rptd) Out	USB	(AB)
E11a	9-3	0700	9079	Sat	498/40 Attention 94017 41362 50330 30150 ... 91570 06717 98915 Attention (msg rptd) Out	USB	(AB)
E11a	9-3	1610	4181	Sat	396/33 Attention 71162 60714 96719 ... 45053 62231 94963 Attention (msg rptd) Out	USB	(AB)
E11a	10-3	0700	9079	Sun	498/40 Attention 94017 41362 50330 30150 ... 91570 06717 98915 Attention (msg rptd) Out	USB	(AB)
E11a	11-3	0845	12202	Mon	718/36 Attention 71886 51274 71166 ... 31026 89292 82834 Attention (msg rptd) Out	USB	(AB)
E11a	11-3	1300	5371	Mon	316/39 Attention 99671 81617 29062 ... 83288 62143 86290 Attention (msg rptd) Out	USB	(AB-POL/Lac)
E11a	11-3	1900	7317	Mon	648/36 Attention 67663 36271 83643 ... 83821 21376 97228 Attention (msg rptd) Out	USB	(AB)
E11a	12-3	0745	14865	Tue	221/35 Attention 85937 03235 74650 ... 35527 41917 14033 Attention (msg rptd) Out	USB	(AB/Lac)
E11a	12-3	0820	19184	Tue	135/30 Attention 69691 77793 68923 ... 73571 03781 03513 Attention (msg rptd) Out	USB	(AB-POL/Lac)
E11a	12-3	0845	18168	Tue	155/35 Attention 91767 36694 86871 ... 24911 80347 95351 Attention (msg rptd) Out	USB	(AB/Lac)
E11a	12-3	1000	9951	Tue	308/28 Attention 87266 83944 25308 ... 50488 08161 99349 Attention (msg rptd) Out	USB	(AB/Lac)
E11a	13-3	0820	19184	Wed	135/30 Attention 69691 77793 68923 ... 73571 03781 03513 Attention (msg rptd) Out	USB	(AB-POL/Lac)
E11a	13-3	0820	19184	Wed	135/30, repeat from 2024-03-12	USB	(Lac)
E11a	13-3	0845	12202	Wed	718/36 Attention 71886 51274 71166 ... 31026 89292 82834 Attention (msg rptd) Out	USB	(AB-POL/Lac)
E11a	14-3	0745	14865	Tue	221/35 Attention 85937 03235 74650 ... 35527 41917 14033 Attention (msg rptd) Out	USB	(AB)
E11a	14-3	0845	18168	Tue	155/35 Attention 91767 36694 86871 ... 24911 80347 95351 Attention (msg rptd) Out	USB	(AB)
E11a	14-3	1300	5371	Tue	316/39 Attention 99671 81617 29062 ... 83288 62143 86290 Attention (msg rptd) Out	USB	(AB)
E11a	14-3	1900	7317	Tue	648/36 Attention 67663 36271 83643 ... 83821 21376 97228 Attention (msg rptd) Out	USB	(AB)
E11a	14-3	2000	5737	Tue	528/35 Attention 41156 15782 47685 ... 28933 51187 17653 Attention (msg rptd) Out	USB	(AB)
E11a	15-3	1000	9951	Fri	308/28 Attention 87266 83944 25308 ... 50488 08161 99349 Attention (msg rptd) Out	USB	(AB)
E11a	15-3	1815	11116	Fri	920/31 Attention 11705 30166 43144 ... 05982 36645 13835 Attention (msg rptd) Out	USB	(AB)
E11a	17-3	1815	11116	Sun	920/31 Attention 11705 30166 43144 ... 05982 36645 13835 Attention (msg rptd) Out	USB	(AB)
E11a	17-3	2000	5737	Sun	528/35 Attention 41156 15782 47685 ... 28933 51187 17653 Attention (msg rptd) Out	USB	(AB)
E11a	18-3	0315	11581	Mon	258/31 Attention 47013 57214 00407 ... 90310 87298 00433 Attention (msg rptd) Out	USB	(TM)
E11a	18-3	0600	19515	Mon	944/29 Attention 88323 27504 23540 ... 56604 64426 48354 Attention (msg rptd) Out	USB	(AB-POL)
E11a	18-3	0715	15632	Mon	754/36 Attention 44584 33655 57659 ... 33450 19424 54756 Attention (msg rptd) Out	USB	(AB)
E11a	18-3	0900	13117	Mon	538/36 Attention 47668 78649 03903 ... 52657 73516 16201 Attention (msg rptd) Out	USB	(AB)
E11a	18-3	1745	13470	Mon	248/38 Attention 30831 73823 08607 ... 91330 13359 55587 Attention (msg rptd) Out	USB	(AB-S)
E11a	19-3	0700	8180	Tue	570/39 Attention 65057 50840 37031 ... 52800 13259 88054 Attention (msg rptd) Out	USB	(AB/Lac)
E11a	19-3	1430	14972	Tue	910/38 Attention 13354 55955 84106 ... 30143 43035 78375 Attention (msg rptd) Out	USB	(AB)
E11a	19-3	1605	5176	Tue	232/35 Attention 77753 52932 14461 ... 86561 99365 79626 Attention (msg rptd) Out	USB	(AB/Lac)

E11a	20-3	0315	11581	Wed	258/31 Attention 47013 57214 00407 ... 90310 87298 00433 Attention (msg rptd) Out	USB	(TM)
E11a	20-3	0600	19515	Wed	944/29 Attention 88323 27504 23540 ... 56604 64426 48354 Attention (msg rptd) Out	USB	(AB-POL/EW)
E11a	20-3	0715	15632	Wed	754/36 Attention 44584 33655 57659 ... 33450 19424 54756 Attention (msg rptd) Out	USB	(AB/Lac)
E11a	20-3	0900	13117	Wed	538/36 Attention 47668 78649 03903 ... 52657 73516 16201 Attention (msg rptd) Out	USB	(AB/Lac)
E11a	22-3	0700	8180	Fri	570/39 Attention 65057 50840 37031 ... 52800 13259 88054 Attention (msg rptd) Out	USB	(AB/Lac)
E11a	23-3	1430	14972	Sat	910/38 Attention 13354 55955 84106 ... 30143 43035 78375 Attention (msg rptd) Out	USB	(AB)
E11a	24-3	1605	5176	Sun	232/35 Attention 77753 52932 14461 ... 86561 99365 79626 Attention (msg rptd) Out	USB	(AB)
E11a	24-3	1745	13470	Sun	248/38 Attention 30831 73823 08607 ... 91330 13359 55587 Attention (msg rptd) Out	USB	(AB)
E11a	26-3	0715	15720	Tue	633/31 Attention 48495 34687 46988 ... 47456 28439 53095 Attention (msg rptd) Out	USB	(AB)
E11a	27-3	0745	17410	Wed	347/34 Attention 73288 07259 73364 ... 21104 11307 91263 Attention (msg rptd) Out	USB	(AB-POL)
E11a	27-3	0930	6940	Wed	278/31 Attention 46728 59173 63122 ... 70936 69020 16021 Attention (msg rptd) Out	USB	(AB-POL/Lac)
E11a	27-3	1715	6923	Wed	970/30 Attention 00325 13877 44223 ... 72003 28547 20975 Attention (msg rptd) Out	USB	(AB)
E11a	28-3	0930	6940	Tue	278/31 Attention 46728 59173 63122 ... 70936 69020 16021 Attention (msg rptd) Out	USB	(AB)
E11a	29-3	0600	8680	Fri	353/33 Attention 64278 27502 32421 ... 47936 80137 82940 Attention (msg rptd) Out	USB	(AB)
E11a	29-3	0715	15720	Fri	633/31 Attention 48495 34687 46988 ... 47456 28439 53095 Attention (msg rptd) Out	USB	(AB)
E11a	29-3	0745	17410	Fri	347/34 Attention 73288 07259 73364 ... 21104 11307 91263 Attention (msg rptd) Out	USB	(AB-POL)
E11a	29-3	1715	6923	Fri	970/30 Attention 00325 13877 44223 ... 72003 28547 20975 Attention (msg rptd) Out	USB	(AB)
E11a	29-3	1910	8530	Fri	618/39 Attention 32055 32373 30222 ... 29147 10494 23062 Attention (msg rptd) Out	USB	(AB)
E11a	30-3	1645	4505	Sat	365/37 Attention 03567 03812 23270 ... 60224 82604 24264 Attention (msg rptd) Out	USB	(AB)
E11a	31-3	0600	8680	Sun	353/33 Attention 64278 27502 32421 ... 47936 80137 82940 Attention (msg rptd) Out	USB	(AB)
E11a	31-3	1645	4505	Sun	365/37 Attention 03567 03812 23270 ... 60224 82604 24264 Attention (msg rptd) Out	USB	(AB)
E11a	31-3	1910	8530	Sun	618/39 Attention 32055 32373 30222 ... 29147 10494 23062 Attention (msg rptd) Out	USB	(AB)
F01	1-3	1015	10861	Fri	00000 +++++ +++++	FSK 200/500	(AB)
F01	1-3	1025	8187	Fri	00000 +++++ +++++	FSK 200/500	(AB)
F01	1-3	1035	6939	Fri	00000 +++++ +++++	FSK 200/500	(AB)
F01	4-3	1015	10861	Mon	07739 71233 08517 ... 21369 87278 95417 00000 +++++	FSK 200/500	(AB)
F01	4-3	1025	8187	Mon	07739 71233 08517 ... 21369 87278 95417 00000 +++++	FSK 200/500	(AB)
F01	4-3	1035	6939	Mon	07739 71233 08517 ... 21369 87278 95417 00000 +++++	FSK 200/500	(AB)
F01	5-3	0230	13370	Tue	Two messages	FSK 200/500	(PY)
F01	5-3	0240	11538	Tue	Two messages	FSK 200/500	(PY)
F01	5-3	0250	10614	Tue	Two messages	FSK 200/500	(PY)
F01	5-3	1015	10861	Tue	Two messages	FSK 200/500	(AB)
F01	5-3	1025	8187	Tue	Two messages	FSK 200/500	(AB)
F01	5-3	1035	6939	Tue	Two messages	FSK 200/500	(AB)
F01	6-3	1015	10861	Wed	42153 98802 85438 ... 75686 17069 84030 00001 +++++ +++++ +++++	FSK 200/500	(AB)
F01	6-3	1025	8187	Wed	42153 98802 85438 ... 75686 17069 84030 00001 +++++ +++++ +++++	FSK 200/500	(AB)
F01	6-3	1035	6939	Wed	42153 98802 85438 ... 75686 17069 84030 00001 +++++ +++++ +++++	FSK 200/500	(AB)
F01	6-3	1940	10467	Wed	00000 +++++ +++++	FSK 200/500	(AB)
F01	6-3	1950	8094	Wed	00000 +++++ +++++	FSK 200/500	(AB)
F01	6-3	2000	6779	Wed	00000 +++++ +++++	FSK 200/500	(AB)
F01	7-3	0230	13370	Tue	Two messages	FSK 200/500	(PY)
F01	7-3	0240	11538	Tue	Two messages	FSK 200/500	(PY)

F01	7-3	0250	10614	Tue	Two messages	FSK 200/500	(PY)
F01	7-3	1015	10861	Tue	Two messages	FSK 200/500	(AB)
F01	7-3	1025	8187	Tue	Two messages	FSK 200/500	(AB)
F01	7-3	1035	6939	Tue	Two messages	FSK 200/500	(AB)
F01	8-3	1015	10861	Fri	00000 +++++ +++++	FSK 200/500	(AB)
F01	8-3	1025	8187	Fri	00000 +++++ +++++	FSK 200/500	(AB)
F01	8-3	1035	6939	Fri	00000 +++++ +++++	FSK 200/500	(AB)
F01	11-3	0230	13370	Mon	20732 46837 93144 ... 60791 73298 39390 00000 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	11-3	0240	11538	Mon	20732 46837 93144 ... 60791 73298 39390 00000 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	11-3	0250	10614	Mon	20732 46837 93144 ... 60791 73298 39390 00000 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	11-3	1015	10861	Mon	47993 13611 03659 ... 50062 70163 02419 00000 +++++ +++++	FSK 200/500	(AB)
F01	11-3	1025	8187	Mon	47993 13611 03659 ... 50062 70163 02419 00000 +++++ +++++	FSK 200/500	(AB)
F01	11-3	1035	6939	Mon	47993 13611 03659 ... 50062 70163 02419 00000 +++++ +++++	FSK 200/500	(AB)
F01	12-3	0230	13370	Tue	20732 46837 93144 ... 60791 73298 39390 00000 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	12-3	0240	11538	Tue	20732 46837 93144 ... 60791 73298 39390 00000 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	12-3	0250	10614	Tue	20732 46837 93144 ... 60791 73298 39390 00000 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	12-3	1015	10861	Tue	Two messages	FSK 200/500	(AB)
F01	12-3	1025	8187	Tue	Two messages	FSK 200/500	(AB)
F01	12-3	1035	6939	Tue	Two messages	FSK 200/500	(AB)
F01	13-3	0240	11538	Wed	16890 07637 03489 ... 90548 89280 40305 00000 00000 +++++ +++++	FSK 200/500	(PY)
F01	13-3	0250	10614	Wed	16890 07637 03489 ... 90548 89280 40305 00000 00000 +++++ +++++	FSK 200/500	(PY)
F01	13-3	1015	10861	Wed	66499 44195 71722 ... 67208 86742 05407 00000 +++++ +++++	FSK 200/500	(AB)
F01	13-3	1025	8187	Wed	66499 44195 71722 ... 67208 86742 05407 00000 +++++ +++++	FSK 200/500	(AB)
F01	13-3	1035	6939	Wed	66499 44195 71722 ... 67208 86742 05407 00000 +++++ +++++	FSK 200/500	(AB)
F01	14-3	0230	13370	Tue	16890 07637 03489 ... 90548 89280 40304 00000 00000 +++++ +++++	FSK 200/500	(PY)
F01	14-3	0240	11538	Tue	16890 07637 03489 ... 90548 89280 40304 00000 00000 +++++ +++++	FSK 200/500	(PY)
F01	14-3	0250	10614	Tue	16890 07637 03489 ... 90548 89280 40304 00000 00000 +++++ +++++	FSK 200/500	(PY)
F01	14-3	1015	10861	Tue	Two messages	FSK 200/500	(AB)
F01	14-3	1025	8187	Tue	Two messages	FSK 200/500	(AB)
F01	14-3	1035	6939	Tue	Two messages	FSK 200/500	(AB)
F01	15-3	0230	13370	Fri	idle carrier	FSK 200/500	(PY)
F01	15-3	0240	11538	Fri	idle carrier	FSK 200/500	(PY)
F01	15-3	0250	10614	Fri	idle carrier till 0255z, then 00000 +++++ +++++ for 3 minutes, then abruptly off	FSK 200/500	(PY)
F01	15-3	1015	10861	Fri	00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	15-3	1025	8187	Fri	00000 +++++ +++++	FSK 200/500	(AB/HFD-POL)
F01	15-3	1035	6939	Fri	00000 +++++ +++++	FSK 200/500	(AB/HFD-POL)
F01	18-3	0230	13370	Mon	21055 52281 71555 ... 15768 75344 41394 00000 00000 +++++ +++++	FSK 200/500	(PY)
F01	18-3	0240	11538	Mon	21055 52281 71555 ... 15768 75344 41394 00000 00000 +++++ +++++	FSK 200/500	(PY)
F01	18-3	0250	10614	Mon	21055 52281 71555 ... 15768 75344 41394 00000 00000 +++++ +++++	FSK 200/500	(PY)
F01	18-3	1015	10861	Mon	29123 46671 65421 ... 92374 93305 08401 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	18-3	1025	8187	Mon	29123 46671 65421 ... 92374 93305 08401 00000 +++++ +++++	FSK 200/500	(AB-S)
F01	18-3	1035	6939	Mon	29123 46671 65421 ... 92374 93305 08401 00000 +++++ +++++	FSK 200/500	(AB-S)

F01	19-3	1015	10861	Tue	Two messages	FSK 200/500	(AB)
F01	19-3	1025	8187	Tue	Two messages	FSK 200/500	(AB)
F01	19-3	1035	6939	Tue	Two messages	FSK 200/500	(AB)
F01	20-3	1015	10861	Wed	65299 57156 11419 ... 09507 39617 11421 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	20-3	1025	8187	Wed	65299 57156 11419 ... 09507 39617 11421 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	20-3	1035	6939	Wed	65299 57156 11419 ... 09507 39617 11421 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	21-3	1015	10861	Tue	Two messages	FSK 200/500	(AB)
F01	21-3	1025	8187	Tue	Two messages	FSK 200/500	(AB)
F01	21-3	1035	6939	Tue	Two messages	FSK 200/500	(AB)
F01	22-3	1015	10861	Fri	00000 +++++ +++++	FSK 200/500	(AB)
F01	22-3	1025	8187	Fri	00000 +++++ +++++	FSK 200/500	(AB)
F01	22-3	1035	6939	Fri	00000 +++++ +++++	FSK 200/500	(AB)
F01	25-3	0230	13370	Mon	+++++ +++++ +++++	FSK 200/500	(PY)
F01	25-3	0240	11538	Mon	+++++ +++++ +++++	FSK 200/500	(PY)
F01	25-3	0250	10614	Mon	+++++ +++++ +++++	FSK 200/500	(PY)
F01	25-3	1015	10861	Mon	95134 99768 30693 ... 34287 92474 14429 00000 +++++	FSK 200/500	(AB-RUS)
F01	25-3	1025	8187	Mon	95134 99768 30693 ... 34287 92474 14429 00000 +++++	FSK 200/500	(AB-S)
F01	25-3	1035	6939	Mon	95134 99768 30693 ... 34287 92474 14429 00000 +++++	FSK 200/500	(AB-S)
F01	26-3	0230	13370	Tue	Two messages	FSK 200/500	(PY)
F01	26-3	0240	11538	Tue	Two messages	FSK 200/500	(PY)
F01	26-3	0250	10614	Tue	Two messages	FSK 200/500	(PY)
F01	26-3	1015	10861	Tue	Two messages	FSK 200/500	(AB)
F01	26-3	1025	8187	Tue	Two messages	FSK 200/500	(AB)
F01	26-3	1035	6939	Tue	Two messages	FSK 200/500	(AB)
F01	27-3	0230	13370	Wed	60863 43281 91480 ... 64842 68590 44261 00000 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	27-3	0240	11538	Wed	60863 43281 91480 ... 64842 68590 44261 00000 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	27-3	0250	10614	Wed	60863 43281 91480 ... 64842 68590 44261 00000 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	27-3	1015	10861	Wed	20158 45342 13748 ... 30832 87539 17403 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	27-3	1025	8187	Wed	20158 45342 13748 ... 30832 87539 17403 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	27-3	1035	6939	Wed	20158 45342 13748 ... 30832 87539 17403 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	28-3	0230	13370	Tue	60863 43281 91480 ... 64842 68590 44261 00000 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	28-3	0240	11538	Tue	60863 43281 91480 ... 64842 68590 44261 00000 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	28-3	0250	10614	Tue	60863 43281 91480 ... 64842 68590 44261 00000 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	28-3	1015	10861	Tue	Two messages	FSK 200/500	(AB)
F01	28-3	1025	8187	Tue	Two messages	FSK 200/500	(AB)
F01	28-3	1035	6939	Tue	Two messages	FSK 200/500	(AB)
F01	28-3	1400	13397	Tue	Header: 11100 00000 98561 28011 (Wrong shift. Distorted audio)	FSK 200/1000	(Pof)
F01	28-3	1410	12121	Tue	Header: 11100 00000 98561 28011 (Wrong shift. Distorted audio)	FSK 200/1000	(Pof)
F01	28-3	1420	9950	Tue	Header: 11100 00000 98561 28011 (Wrong shift. Distorted audio)	FSK 200/1000	(Pof)
F01	29-3	0230	13370	Fri	00000 +++++ +++++	FSK 200/500	(PY)
F01	29-3	0240	11538	Fri	00000 +++++ +++++	FSK 200/500	(PY)
F01	29-3	0250	10614	Fri	00000 +++++ +++++	FSK 200/500	(PY)

F01	29-3	1015	10861	Fri	00000 +++++ +++++	FSK 200/500	(AB)
F01	29-3	1025	8187	Fri	00000 +++++ +++++	FSK 200/500	(AB)
F01	29-3	1035	6939	Fri	00000 +++++ +++++	FSK 200/500	(AB)
F02	14-2	1222	4627	Wed	Russian domestic net	MFSK-4/150Bd/4000Hz	(PY)
F02	21-2	1210	4973	Wed	Russian domestic net	MFSK-4/150Bd/4000Hz	(Zok)
F02	29-2	0937	8016	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(PY)
F02	4-3	1400	5449	Mon	Russian domestic net	MFSK-4/150Bd/4000Hz	(PY)
F02	11-3	0823	7656	Mon	Russian domestic net	MFSK-4/150Bd/4000Hz	(PY)
F02	11-3	1124	7656	Mon	Russian domestic net	MFSK-4/150Bd/4000Hz	(Zok)
F02	11-3	1212	9300	Mon	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	12-3	0727	9300	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	13-3	0432	9345	Wed	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	19-3	0824	14678	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	19-3	1440	18187	Tue	Russian domestic net. Test	MFSK-4/150Bd/4000Hz	(AB)
F02	19-3	1450	18187	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	19-3	1635	15662	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(qsr711)
F02	20-3	1035	13395	Wed	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB/qsr711)
F02	20-3	1052	11135	Wed	Russian domestic net	MFSK-4/150Bd/4000Hz	(qsr711)
F02	20-3	1420	11480	Wed	Russian domestic net	MFSK-4/150Bd/4000Hz	(PY)
F02	20-3	1435	11480	Wed	Russian domestic net	MFSK-4/150Bd/4000Hz	(PY)
F02	21-3	0635	18953	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	21-3	1043	20768	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(qsr711)
F03	5-3	0810	15915	Tue	Polish intel.	FSK	(AB)
F03	5-3	0815	15915	Tue	Polish intel.	FSK	(AB)
F03	12-3	0810	15915	Tue	Polish intel.	FSK	(AB)
F03	12-3	0815	15915	Tue	Polish intel.	FSK	(AB)
F03	19-3	0810	15915	Tue	Polish intel.	FSK	(AB)
F03	19-3	0815	15915	Tue	Polish intel.	FSK	(AB)
F03	26-3	0810	15915	Tue	Polish intel.	FSK	(AB)
F03	26-3	0815	15915	Tue	Polish intel.	FSK	(AB)
F03j	4-3	0630	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-3	0635	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-3	0810	25336	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-3	0815	25336	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-3	0835	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-3	0840	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-3	0630	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-3	0635	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-3	0835	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-3	0840	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-3	0810	25366	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-3	0815	25366	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	11-3	0630	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-3	0635	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-3	0810	25336	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	11-3	0815	25336	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	12-3	0835	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-3	0840	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-3	0630	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-3	0635	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-3	0835	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-3	0840	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-3	0810	25366	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-3	0815	25366	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-3	1500	11486	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-3	1505	11486	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-3	0630	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-3	0635	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-3	0810	25336	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	18-3	0815	25336	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19-3	0835	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-3	0840	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-3	1500	11486	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-3	1505	11486	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-3	0530	23830	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(EW)
F03j	20-3	0535	23830	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(EW)
F03j	20-3	0630	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL/EW)
F03j	20-3	0635	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL/EW)
F03j	21-3	0835	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-3	0840	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-3	0810	25366	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	22-3	0815	25366	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	22-3	1500	11486	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-3	1505	11486	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-3	0630	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	25-3	0635	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	25-3	0810	25336	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	25-3	0815	25336	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	26-3	0835	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-3	0840	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-3	1500	11486	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-3	1505	11486	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-3	0630	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL/EW)
F03j	27-3	0635	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL/EW)

F03j	28-3	0835	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-3	0840	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-3	0810	25366	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	29-3	0815	25366	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	29-3	1500	11486	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-3	1505	11486	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03I	1-3	0930	6397	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	1-3	0935	6397	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	1-3	0945	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	1-3	0950	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	4-3	0735	10641	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	4-3	0740	10641	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	4-3	0930	6397	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	4-3	0935	6397	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	4-3	1010	12153	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	4-3	1015	12153	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	4-3	1830	7798	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	4-3	1835	7798	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5-3	0725	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5-3	0730	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5-3	0800	18030	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5-3	0800	18030	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5-3	0945	6480	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5-3	0950	6480	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-3	0915	6849	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-3	0920	6849	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-3	0950	13363	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-3	0955	13363	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-3	1010	12153	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-3	1015	12153	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-3	1030	12089	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-3	1035	12089	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-3	1315	15915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-3	1320	15915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-3	0615	13825	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-3	0620	13825	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-3	0635	25336	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-3	0640	25336	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-3	0725	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-3	0730	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-3	0735	10641	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-3	0740	10641	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	7-3	0800	7670	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-3	0805	7670	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-3	1830	7798	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-3	1835	7798	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8-3	0800	7670	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8-3	0805	7670	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8-3	0930	6397	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8-3	0935	6397	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8-3	0945	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8-3	0950	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-3	0735	10641	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-3	0740	10641	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-3	0930	6397	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-3	0935	6397	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-3	0950	13363	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-3	0955	13363	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-3	1010	12153	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-3	1015	12153	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-3	1030	12089	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-3	1035	12089	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-3	1830	7798	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-3	1835	7798	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-3	0615	13825	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-3	0620	13825	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-3	0635	25336	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	12-3	0640	25336	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	12-3	0725	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-3	0730	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-3	0800	18030	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-3	0800	18030	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-3	0945	6480	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-3	0950	6480	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-3	0800	18030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-3	0800	18030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-3	0915	6849	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-3	0920	6849	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-3	0950	13363	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-3	0955	13363	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-3	1010	12153	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-3	1015	12153	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-3	1030	12089	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-3	1035	12089	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	13-3	1315	15915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-3	1320	15915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-3	0615	13825	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-3	0620	13825	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-3	0635	25336	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-3	0640	25336	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-3	0720	15690	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-3	0725	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-3	0725	15690	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-3	0730	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-3	0735	10641	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-3	0740	10641	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-3	0800	7670	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-3	0805	7670	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-3	0915	6849	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-3	0920	6849	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-3	1830	7798	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-3	1835	7798	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-3	0800	7670	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-3	0805	7670	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-3	0850	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-3	0855	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-3	0930	6397	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-3	0935	6397	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-3	0945	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-3	0950	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-3	0735	10641	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-3	0740	10641	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-3	0930	6397	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-3	0935	6397	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-3	0950	13363	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-3	0955	13363	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-3	1010	12153	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-3	1015	12153	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-3	1030	12089	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-3	1035	12089	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-3	1830	7798	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-3	1835	7798	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-3	0615	13825	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-3	0620	13825	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-3	0635	25336	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	19-3	0640	25336	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)

F03I	19-3	0725	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-3	0730	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-3	0800	18030	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-3	0800	18030	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-3	0945	6480	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-3	0950	6480	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	0800	18030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	0800	18030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	0915	6849	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	0920	6849	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	0950	13363	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	0955	13363	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	1010	12153	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	1015	12153	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	1030	12089	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	1035	12089	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	1315	15915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	1321	15915	Wed	Polish intel. Late start	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0615	13825	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0620	13825	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0635	25336	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0640	25336	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0725	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0730	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0735	10641	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0740	10641	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0800	7670	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0805	7670	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0915	6849	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0920	6849	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	1830	7798	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	1835	7798	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-3	0800	7670	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-3	0805	7670	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-3	0850	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-3	0855	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-3	0930	6397	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-3	0935	6397	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-3	0945	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-3	0950	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-3	1315	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-3	1320	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	25-3	0735	10641	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-3	0740	10641	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-3	0930	6397	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-3	0935	6397	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-3	0950	13363	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-3	0955	13363	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-3	1010	12153	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-3	1015	12153	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-3	1030	12089	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-3	1035	12089	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-3	1830	7798	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-3	1835	7798	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	26-3	0615	13825	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	26-3	0620	13825	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	26-3	0635	25336	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	26-3	0640	25336	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	26-3	0725	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	26-3	0730	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	26-3	0800	18030	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	26-3	0800	18030	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	26-3	0945	6480	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	26-3	0950	6480	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	0800	18030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	0800	18030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	0915	6849	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	0920	6849	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	0950	13363	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	0955	13363	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	1010	12153	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	1015	12153	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	1030	12089	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	1035	12089	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	1315	15915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	1320	15915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-3	0615	13825	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-3	0620	13825	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-3	0635	25336	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	28-3	0640	25336	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	28-3	0725	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-3	0730	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-3	0735	10641	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-3	0740	10641	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	28-3	0800	7670	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-3	0805	7670	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-3	0915	6849	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-3	0920	6849	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-3	1830	7798	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-3	1835	7798	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-3	0800	7670	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-3	0805	7670	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-3	0850	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-3	0855	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-3	0930	6397	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-3	0935	6397	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-3	0945	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-3	0950	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-3	1315	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-3	1320	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F06	1-3	0700	10671	Fri	11166 70202 56321 29032 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	1-3	0710	8093	Fri	11166 70202 56321 29032 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	1-3	0720	6879	Fri	11166 70202 56321 29032 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	2-3	1700	9064	Sat	11100 00000 56127 02085 01739	FSK 200/1000	(AB)
F06	2-3	1710	6923	Sat	11100 00000 56127 02085 01739	FSK 200/1000	(AB)
F06	2-3	1720	4565	Sat	11100 00000 56127 02085 01739	FSK 200/1000	(AB)
F06	3-3	0830	11611	Sun	11100 00000 56127 02085 01739	FSK 200/1000	(AB)
F06	3-3	0840	9425	Sun	11100 00000 56127 02085 01739	FSK 200/1000	(AB)
F06	3-3	0850	6957	Sun	11100 00000 56127 02085 01739	FSK 200/1000	(AB)
F06	3-3	1530	20156	Sun	11166 10053 13467 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	3-3	1540	17531	Sun	11166 10053 13467 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	3-3	1550	13476	Sun	11166 10053 13467 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	4-3	0500	9174	Mon	11166 70059 13467 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	4-3	0510	7384	Mon	11166 70059 13467 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	4-3	0520	5148	Mon	11166 70059 13467 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5-3	0030	11431	Tue	11166 60070 93812 05078 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5-3	0040	8127	Tue	11166 60070 93812 05078 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5-3	0050	7893	Tue	11166 60070 93812 05078 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5-3	0100	17532	Tue	11100 09501 00000 04034 01699 and 11100 09501 00000 04035 02389	FSK 200/1000	(PY)
F06	5-3	0110	16351	Tue	11100 09501 00000 04034 01699 and 11100 09501 00000 04035 02389	FSK 200/1000	(PY)
F06	5-3	0120	14428	Tue	11100 09501 00000 04034 01699 and 11100 09501 00000 04035 02389	FSK 200/1000	(PY)
F06	5-3	0700	10671	Tue	11166 70202 65984 04062 02099 and 11166 70202 32048 04063 01779	FSK 200/1000	(AB)
F06	5-3	0710	8093	Tue	11166 70202 65984 04062 02099 and 11166 70202 32048 04063 01779	FSK 200/1000	(AB)
F06	5-3	0720	6879	Tue	11166 70202 65984 04062 02099 and 11166 70202 32048 04063 01779	FSK 200/1000	(AB)
F06	5-3	0800	9074	Tue	11100 00000 15964 01026 01579	FSK 200/1000	(AB)
F06	5-3	0810	7648	Tue	11100 00000 15964 01026 01579	FSK 200/1000	(AB)

F06	5-3	1200	11428	Tue	11166 70202 65984 04062 02099 and 11166 70202 32048 04063 01779	FSK 200/1000	(AB)
F06	5-3	1210	8026	Tue	11166 70202 65984 04062 02099 and 11166 70202 32048 04063 01779	FSK 200/1000	(AB)
F06	5-3	1220	6884	Tue	11166 70202 65984 04062 02099 and 11166 70202 32048 04063 01779	FSK 200/1000	(AB)
F06	5-3	1230	16321	Tue	11166 30154 75321 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	5-3	1240	12086	Tue	11166 30154 75321 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	5-3	1250	9088	Tue	11166 30154 75321 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	5-3	1650	17445	Tue	11166 10053 75321 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5-3	1700	12211	Tue	11166 10053 75321 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5-3	1710	10173	Tue	11166 10053 75321 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-3	1300	14983	Wed	11166 10075 13467 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-3	1300	16351	Wed	11166 60081 36925 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-3	1310	12085	Wed	11166 10075 13467 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-3	1310	14623	Wed	11166 60081 36925 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-3	1320	10169	Wed	11166 10075 13467 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-3	1320	10367	Wed	11166 60081 36925 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-3	1400	14975	Wed	11166 30077 76431 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-3	1410	11459	Wed	11166 30077 76431 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-3	1420	9461	Wed	11166 30077 76431 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7-3	0700	10671	Tue	11166 70202 63247 06065 01879 and 11166 70202 25467 06066 02139	FSK 200/1000	(AB)
F06	7-3	0710	8093	Tue	11166 70202 63247 06065 01879 and 11166 70202 25467 06066 02139	FSK 200/1000	(AB)
F06	7-3	0720	6879	Tue	11166 70202 63247 06065 01879 and 11166 70202 25467 06066 02139	FSK 200/1000	(AB)
F06	7-3	1200	11428	Tue	11166 70202 63247 06065 01879 and 11166 70202 25467 06066 02139	FSK 200/1000	(AB)
F06	7-3	1210	8026	Tue	11166 70202 63247 06065 01879 and 11166 70202 25467 06066 02139	FSK 200/1000	(AB-S)
F06	7-3	1220	6884	Tue	11166 70202 63247 06065 01879 and 11166 70202 25467 06066 02139	FSK 200/1000	(AB-S)
F06	7-3	1330	20219	Tue	11166 80214 36524 07061 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7-3	1340	19353	Tue	11166 80214 36524 07061 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7-3	1350	14375	Tue	11166 80214 36524 07061 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8-3	0700	10671	Fri	11166 70202 42958 08016 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8-3	0710	8093	Fri	11166 70202 42958 08016 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8-3	0720	6879	Fri	11166 70202 42958 08016 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9-3	1700	9064	Sat	11100 00000 51638 05090 01579	FSK 200/1000	(AB)
F06	9-3	1710	6923	Sat	11100 00000 51638 05090 01579	FSK 200/1000	(AB)
F06	9-3	1720	4565	Sat	11100 00000 51638 05090 01579	FSK 200/1000	(AB)
F06	10-3	0830	11611	Sun	11100 00000 51638 05090 01579	FSK 200/1000	(AB)
F06	10-3	0840	9425	Sun	11100 00000 51638 05090 01579	FSK 200/1000	(AB)
F06	10-3	0850	6957	Sun	11100 00000 51638 05090 01579	FSK 200/1000	(AB)
F06	10-3	1530	20156	Sun	11166 10053 75321 10072 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10-3	1540	17531	Sun	11166 10053 75321 10072 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10-3	1550	13476	Sun	11166 10053 75321 10072 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11-3	0800	9074	Mon	11100 00000 24758 06027 01399	FSK 200/1000	(AB)
F06	11-3	0810	7648	Mon	11100 00000 24758 06027 01399	FSK 200/1000	(AB)
F06	12-3	0030	11431	Tue	Too weak to decode	FSK 200/1000	(AB)

F06	12-3	0040	8127	Tue	Too weak to decode	FSK 200/1000	(AB)
F06	12-3	0050	7893	Tue	Too weak to decode	FSK 200/1000	(AB)
F06	12-3	0100	17532	Tue	11100 09501 00000 11036 03039	FSK 200/1000	(PY)
F06	12-3	0110	16351	Tue	11100 09501 00000 11036 03039	FSK 200/1000	(PY)
F06	12-3	0120	14428	Tue	11100 09501 00000 11036 03039	FSK 200/1000	(PY)
F06	12-3	0700	10671	Tue	11166 70202 13978 11068 01839 and 11166 70202 14792 11069 02159	FSK 200/1000	(AB)
F06	12-3	0710	8093	Tue	11166 70202 13978 11068 01839 and 11166 70202 14792 11069 02159	FSK 200/1000	(AB)
F06	12-3	0720	6879	Tue	11166 70202 13978 11068 01839 and 11166 70202 14792 11069 02159	FSK 200/1000	(AB)
F06	12-3	0800	9074	Tue	11100 00000 24758 06027 01399	FSK 200/1000	(AB)
F06	12-3	0810	7648	Tue	11100 00000 24758 06027 01399	FSK 200/1000	(AB)
F06	12-3	1200	11428	Tue	11166 70202 13978 11068 01839 and 11166 70202 14792 11069 02159	FSK 200/1000	(AB)
F06	12-3	1210	8026	Tue	11166 70202 13978 11068 01839 and 11166 70202 14792 11069 02159	FSK 200/1000	(AB)
F06	12-3	1220	6884	Tue	11166 70202 13978 11068 01839 and 11166 70202 14792 11069 02159	FSK 200/1000	(AB)
F06	12-3	1230	16321	Tue	11166 30154 13467 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	12-3	1240	12086	Tue	11166 30154 13467 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	12-3	1250	9088	Tue	11166 30154 13467 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	12-3	1650	17445	Tue	11166 10053 13467 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12-3	1700	12211	Tue	11166 10053 13467 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12-3	1710	10173	Tue	11166 10053 13467 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-3	1015	22884	Wed	11166 40023 78321 13002 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-3	1030	17469	Wed	11166 40023 78321 13002 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-3	1045	15876	Wed	11166 40023 78321 13002 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-3	1300	14983	Wed	11166 10075 12458 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-3	1300	16351	Wed	11166 60081 78451 13011 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-3	1310	12085	Wed	11166 10075 12458 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-3	1310	14623	Wed	11166 60081 78451 13011 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-3	1320	10169	Wed	11166 10075 12458 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-3	1320	10367	Wed	11166 60081 78451 13011 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-3	1400	14975	Wed	11166 30077 18930 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-3	1410	11459	Wed	11166 30077 18930 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-3	1420	9461	Wed	11166 30077 18930 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14-3	0700	10671	Tue	11166 70202 95683 13071 03099 and 11166 70202 03658 13072 00679	FSK 200/1000	(AB)
F06	14-3	0710	8093	Tue	11166 70202 95683 13071 03099 and 11166 70202 03658 13072 00679	FSK 200/1000	(AB)
F06	14-3	0720	6879	Tue	11166 70202 95683 13071 03099 and 11166 70202 03658 13072 00679	FSK 200/1000	(AB)
F06	14-3	1200	11428	Tue	11166 70202 95683 13071 03099 and 11166 70202 03658 13072 00679	FSK 200/1000	(AB)
F06	14-3	1210	8026	Tue	11166 70202 95683 13071 03099 and 11166 70202 03658 13072 00679	FSK 200/1000	(AB-S)
F06	14-3	1220	6884	Tue	11166 70202 95683 13071 03099 and 11166 70202 03658 13072 00679	FSK 200/1000	(AB-S)
F06	14-3	1330	20219	Tue	11166 80214 51279 14055 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14-3	1340	19353	Tue	11166 80214 51279 14055 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14-3	1350	14375	Tue	11166 80214 51279 14055 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-3	0100	17532	Fri	1 block, 1 msg starting at block #1, but there is no block #1, only metadata block #0 repeating	FSK 200/1000	(PY)
F06	15-3	0110	16351	Fri	1 block, 1 msg starting at block #1, but there is no block #1, only metadata block #0 repeating	FSK 200/1000	(PY)

F06	15-3	0120	14428	Fri	1 block, 1 msg starting at block #1, but there is no block #1, only metadata block #0 repeating	FSK 200/1000	(PY)
F06	15-3	0700	10671	Fri	Null string only: 00000 00000 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-3	0710	8093	Fri	Not monitored	FSK 200/1000	(AB)
F06	15-3	0720	6879	Fri	Not monitored	FSK 200/1000	(AB)
F06	16-3	1700	9064	Sat	11100 00000 96521 15091 01699	FSK 200/1000	(AB)
F06	16-3	1710	6923	Sat	11100 00000 96521 15091 01699	FSK 200/1000	(AB)
F06	16-3	1720	4565	Sat	11100 00000 96521 15091 01699	FSK 200/1000	(AB)
F06	17-3	0830	11611	Sun	11100 00000 96521 15091 01699	FSK 200/1000	(AB)
F06	17-3	0840	9425	Sun	11100 00000 96521 15091 01699	FSK 200/1000	(AB)
F06	17-3	0850	6957	Sun	11100 00000 96521 15091 01699	FSK 200/1000	(AB)
F06	17-3	1530	20156	Sun	11166 10053 12354 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17-3	1540	17531	Sun	11166 10053 12354 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17-3	1550	13476	Sun	11166 10053 12354 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	18-3	0100	17532	Mon	11100 09501 00000 18037 04299	FSK 200/1000	(PY)
F06	18-3	0500	9174	Mon	11166 70059 75321 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	18-3	0510	7384	Mon	11166 70059 75321 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	18-3	0520	5148	Mon	11166 70059 75321 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	18-3	0800	9074	Mon	11100 00000 59437 15028 00859	FSK 200/1000	(AB)
F06	18-3	0810	7648	Mon	11100 00000 59437 15028 00859	FSK 200/1000	(AB)
F06	19-3	0030	11431	Tue	11166 60070 13467 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-3	0040	8127	Tue	11166 60070 13467 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-3	0050	7893	Tue	11166 60070 13467 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-3	0100	17532	Tue	11100 09501 00000 19037 04299	FSK 200/1000	(PY)
F06	19-3	0120	14428	Tue	11100 09501 00000 19037 04299	FSK 200/1000	(PY)
F06	19-3	0700	10671	Tue	11166 70202 35218 18074 01559 and 11166 70202 35218 18074 01559	FSK 200/1000	(AB)
F06	19-3	0710	8093	Tue	11166 70202 35218 18074 01559 and 11166 70202 35218 18074 01559	FSK 200/1000	(AB)
F06	19-3	0720	6879	Tue	11166 70202 35218 18074 01559 and 11166 70202 35218 18074 01559	FSK 200/1000	(AB)
F06	19-3	0800	9074	Tue	11100 00000 59437 15028 00859	FSK 200/1000	(AB)
F06	19-3	0810	7648	Tue	11100 00000 59437 15028 00859	FSK 200/1000	(AB)
F06	19-3	1030	13418	Tue	11166 30132 15872 19002 00309	FSK 200/1000	(AB/PY)
F06	19-3	1040	12067	Tue	11166 30132 15872 19002 00309	FSK 200/1000	(AB/PY)
F06	19-3	1050	11049	Tue	11166 30132 15872 19002 00309	FSK 200/1000	(AB/PY)
F06	19-3	1200	11428	Tue	11166 70202 35218 18074 01559 and 11166 70202 35218 18074 01559	FSK 200/1000	(AB)
F06	19-3	1210	8026	Tue	11166 70202 35218 18074 01559 and 11166 70202 35218 18074 01559	FSK 200/1000	(AB)
F06	19-3	1220	6884	Tue	11166 70202 35218 18074 01559 and 11166 70202 35218 18074 01559	FSK 200/1000	(AB)
F06	19-3	1230	16321	Tue	11166 30154 12345 19021 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	19-3	1240	12086	Tue	11166 30154 12345 19021 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	19-3	1250	9088	Tue	11166 30154 12345 19021 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	19-3	1400	19825	Tue	11166 00030 52361 19005 00029 17845 00000	FSK 200/1000	(AB/PY)
F06	19-3	1410	17453	Tue	11166 00030 52361 19005 00029 17845 00000	FSK 200/1000	(AB/PY)
F06	19-3	1420	15883	Tue	11166 00030 52361 19005 00029 17845 00000	FSK 200/1000	(AB/PY)
F06	19-3	1500	19825	Tue	11166 00030 52361 19005 00029 17845 00000	FSK 200/1000	(AB/PY)

F06	19-3	1500	17428	Tue	11166 00052 73195 19021 01339	FSK 200/1000	(AB/qsr711)
F06	19-3	1510	15646	Tue	11166 00052 73195 19021 01339	FSK 200/1000	(AB/PY)
F06	19-3	1510	17453	Tue	11166 00030 52361 19005 00029 17845 00000	FSK 200/1000	(AB/PY)
F06	19-3	1520	12153	Tue	11166 00052 73195 19021 01339	FSK 200/1000	(AB/PY)
F06	19-3	1520	15739	Tue	11166 90017 26547 19010 00029 40987 00000	FSK 200/1000	(AB/PY)
F06	19-3	1520	15883	Tue	11166 00030 52361 19005 00029 17845 00000	FSK 200/1000	(AB/PY)
F06	19-3	1530	13429	Tue	11166 90017 26547 19010 00029 40987 00000	FSK 200/1000	(AB/PY)
F06	19-3	1540	11068	Tue	11166 90017 26547 19010 00029 40987 00000	FSK 200/1000	(AB/PY)
F06	19-3	1650	17445	Tue	11166 10053 14785 19076 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-3	1700	12211	Tue	11166 10053 14785 19076 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-3	1710	10173	Tue	11166 10053 14785 19076 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	20-3	1030	13418	Wed	11166 30132 15872 19002 00309	FSK 200/1000	(AB/PY)
F06	20-3	1040	12067	Wed	11166 30132 15872 19002 00309	FSK 200/1000	(AB/PY)
F06	20-3	1050	11049	Wed	11166 30132 15872 19002 00309	FSK 200/1000	(AB/PY)
F06	20-3	1300	14983	Wed	11166 10075 12354 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	20-3	1300	16351	Wed	11166 60081 54213 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	20-3	1310	12085	Wed	11166 10075 12354 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	20-3	1310	14623	Wed	11166 60081 54213 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	20-3	1320	10169	Wed	11166 10075 12354 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	20-3	1320	10367	Wed	11166 60081 54213 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	20-3	1400	19825	Wed	11166 00030 52361 19005 00029 17845 00000	FSK 200/1000	(AB)
F06	20-3	1400	14975	Wed	11166 30077 54213 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	20-3	1410	17453	Wed	11166 00030 52361 19005 00029 17845 00000	FSK 200/1000	(AB)
F06	20-3	1410	11459	Wed	11166 30077 54213 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	20-3	1420	15883	Wed	11166 00030 52361 19005 00029 17845 00000	FSK 200/1000	(AB)
F06	20-3	1420	9461	Wed	11166 30077 54213 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	20-3	1500	19825	Wed	11166 00030 52361 19005 00029 17845 00000	FSK 200/1000	(AB)
F06	20-3	1500	17428	Wed	11166 00052 73195 19021 01339	FSK 200/1000	(AB/PY)
F06	20-3	1510	17453	Wed	11166 00030 52361 19005 00029 17845 00000	FSK 200/1000	(AB)
F06	20-3	1510	15646	Wed	11166 00052 73195 19021 01339	FSK 200/1000	(AB/PY)
F06	20-3	1520	15883	Wed	11166 00030 52361 19005 00029 17845 00000	FSK 200/1000	(AB)
F06	20-3	1520	12153	Wed	11166 00052 73195 19021 01339	FSK 200/1000	(AB/PY)
F06	20-3	1520	15739	Wed	11166 90017 26547 19010 00029 40987 00000	FSK 200/1000	(AB/PY)
F06	20-3	1530	13429	Wed	11166 90017 26547 19010 00029 40987 00000	FSK 200/1000	(AB/PY)
F06	20-3	1540	11068	Wed	11166 90017 26547 19010 00029 40987 00000	FSK 200/1000	(AB/PY)
F06	20-3	1550	17454	Wed	11166 20218 45981 20001 00579	FSK 200/1000	(PY)
F06	20-3	1600	9294	Wed	11166 30077 24351 20013 01399	FSK 200/1000	(PY)
F06	20-3	1600	14357	Wed	11166 20218 45981 20001 00579	FSK 200/1000	(PY)
F06	20-3	1610	8111	Wed	11166 30077 24351 20013 01399	FSK 200/1000	(PY)
F06	20-3	1610	11556	Wed	11166 20218 45981 20001 00579	FSK 200/1000	(PY)
F06	20-3	1620	7336	Wed	11166 30077 24351 20013 01399	FSK 200/1000	(PY)
F06	21-3	0700	10671	Tue	11166 70202 52784 20077 01499 and 11166 70202 15973 20078 02139	FSK 200/1000	(AB)

F06	21-3	0710	8093	Tue	11166 70202 52784 20077 01499 and 11166 70202 15973 20078 02139	FSK 200/1000	(AB)
F06	21-3	0720	6879	Tue	11166 70202 52784 20077 01499 and 11166 70202 15973 20078 02139	FSK 200/1000	(AB)
F06	21-3	1200	11428	Tue	11166 70202 52784 20077 01499 and 11166 70202 15973 20078 02139	FSK 200/1000	(AB)
F06	21-3	1210	8026	Tue	11166 70202 52784 20077 01499 and 11166 70202 15973 20078 02139	FSK 200/1000	(AB-S)
F06	21-3	1220	6884	Tue	11166 70202 52784 20077 01499 and 11166 70202 15973 20078 02139	FSK 200/1000	(AB-S)
F06	21-3	1330	20219	Tue	11166 80214 76524 20075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	21-3	1340	19353	Tue	11166 80214 76524 20075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	21-3	1350	14375	Tue	11166 80214 76524 20075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-3	0700	10671	Fri	11166 70202 62347 21034 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-3	0710	8093	Fri	11166 70202 62347 21034 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-3	0720	6879	Fri	11166 70202 62347 21034 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	23-3	1700	9064	Sat	11100 00000 94231 22092 01759	FSK 200/1000	(AB)
F06	23-3	1710	6923	Sat	11100 00000 94231 22092 01759	FSK 200/1000	(AB)
F06	23-3	1720	4565	Sat	11100 00000 94231 22092 01759	FSK 200/1000	(AB)
F06	24-3	0830	11611	Sun	11100 00000 94231 22092 01759	FSK 200/1000	(AB)
F06	24-3	0840	9425	Sun	11100 00000 94231 22092 01759	FSK 200/1000	(AB)
F06	24-3	0850	6957	Sun	11100 00000 94231 22092 01759	FSK 200/1000	(AB)
F06	24-3	1530	20156	Sun	11166 10053 13467 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	24-3	1540	17531	Sun	11166 10053 13467 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	24-3	1550	13476	Sun	11166 10053 13467 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	25-3	0100	17532	Mon	idle carrier, mostly -500Hz but switching up to +500Hz at times	FSK 200/1000	(PY)
F06	25-3	0110	16351	Mon	1 block, 2 msgs starting at blocks #3 and #3, but there is only metadata block #0 repeating	FSK 200/1000	(PY)
F06	25-3	0120	14428	Mon	1 block, 2 msgs starting at blocks #3 and #3, but there is only metadata block #0 repeating	FSK 200/1000	(PY)
F06	25-3	0800	9074	Mon	11100 00000 85234 22029 01239	FSK 200/1000	(AB)
F06	25-3	0810	7648	Mon	11100 00000 85234 22029 01239	FSK 200/1000	(AB)
F06	26-3	0030	11431	Tue	11166 60070 12457 26078 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	26-3	0040	8127	Tue	11166 60070 12457 26078 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	26-3	0050	7893	Tue	11166 60070 12457 26078 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	26-3	0100	17532	Tue	11100 09501 00000 25038 01589 and 11100 09501 00000 25039 02409	FSK 200/1000	(PY)
F06	26-3	0110	16351	Tue	11100 09501 00000 25038 01589 and 11100 09501 00000 25039 02409	FSK 200/1000	(PY)
F06	26-3	0120	14428	Tue	No transmission	FSK 200/1000	(PY)
F06	26-3	0700	10671	Tue	11166 70202 42871 25080 02139 and 11166 70202 32048 25081 01959	FSK 200/1000	(AB)
F06	26-3	0710	8093	Tue	11166 70202 42871 25080 02139 and 11166 70202 32048 25081 01959	FSK 200/1000	(AB)
F06	26-3	0720	6879	Tue	11166 70202 42871 25080 02139 and 11166 70202 32048 25081 01959	FSK 200/1000	(AB)
F06	26-3	0800	9074	Tue	11100 00000 85234 22029 01239	FSK 200/1000	(AB)
F06	26-3	0810	7648	Tue	11100 00000 85234 22029 01239	FSK 200/1000	(AB)
F06	26-3	1200	11428	Tue	11166 70202 42871 25080 02139 and 11166 70202 32048 25081 01959	FSK 200/1000	(AB)
F06	26-3	1210	8026	Tue	11166 70202 42871 25080 02139 and 11166 70202 32048 25081 01959	FSK 200/1000	(AB)
F06	26-3	1220	6884	Tue	11166 70202 42871 25080 02139 and 11166 70202 32048 25081 01959	FSK 200/1000	(AB)
F06	26-3	1230	16321	Tue	11166 30154 75321 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	26-3	1240	12086	Tue	11166 30154 75321 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	26-3	1250	9088	Tue	11166 30154 75321 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)

F06	26-3	1650	17445	Tue	11166 10053 75321 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	26-3	1700	12211	Tue	11166 10053 75321 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	26-3	1710	10173	Tue	11166 10053 75321 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	27-3	1015	22884	Wed	11166 40023 13467 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	27-3	1030	17469	Wed	11166 40023 13467 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	27-3	1045	15876	Wed	11166 40023 13467 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	27-3	1300	14983	Wed	11166 10075 13467 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	27-3	1300	16351	Wed	11166 60081 39412 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	27-3	1310	12085	Wed	11166 10075 13467 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	27-3	1310	14623	Wed	11166 60081 39412 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	27-3	1320	10169	Wed	11166 10075 13467 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	27-3	1320	10367	Wed	11166 60081 39412 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	27-3	1400	14975	Wed	11166 30077 13467 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	27-3	1410	11459	Wed	11166 30077 13467 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	27-3	1420	9461	Wed	11166 30077 13467 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	28-3	0700	10671	Tue	11166 70202 52794 27083 01399 and 11166 70202 91735 27084 01719	FSK 200/1000	(AB)
F06	28-3	0710	8093	Tue	11166 70202 52794 27083 01399 and 11166 70202 91735 27084 01719	FSK 200/1000	(AB)
F06	28-3	0720	6879	Tue	11166 70202 52794 27083 01399 and 11166 70202 91735 27084 01719	FSK 200/1000	(AB)
F06	28-3	1200	11428	Tue	11166 70202 52794 27083 01399 and 11166 70202 91735 27084 01719	FSK 200/1000	(AB)
F06	28-3	1210	8026	Tue	11166 70202 52794 27083 01399 and 11166 70202 91735 27084 01719	FSK 200/1000	(AB-S)
F06	28-3	1220	6884	Tue	11166 70202 52794 27083 01399 and 11166 70202 91735 27084 01719	FSK 200/1000	(AB-S)
F06	28-3	1330	20219	Tue	11166 80214 23568 27081 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	28-3	1340	19353	Tue	11166 80214 23568 27081 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	28-3	1350	14375	Tue	11166 80214 23568 27081 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	29-3	0100	17532	Fri	11100 09501 09501 29111 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	29-3	0110	16351	Fri	11100 09501 09501 29111 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	29-3	0120	14428	Fri	11100 09501 09501 29111 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	29-3	0700	10671	Fri	11166 70202 42813 29055 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	29-3	0710	8093	Fri	11166 70202 42813 29055 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	29-3	0720	6879	Fri	11166 70202 42813 29055 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	30-3	1700	9064	Sat	11100 00000 58671 29093 01739	FSK 200/1000	(AB)
F06	30-3	1710	6923	Sat	11100 00000 58671 29093 01739	FSK 200/1000	(AB)
F06	30-3	1720	4565	Sat	11100 00000 58671 29093 01739	FSK 200/1000	(AB)
F06	31-3	0830	11611	Sun	11100 00000 58671 29093 01739	FSK 200/1000	(AB)
F06	31-3	0840	9425	Sun	11100 00000 58671 29093 01739	FSK 200/1000	(AB)
F06	31-3	0850	6957	Sun	11100 00000 58671 29093 01739	FSK 200/1000	(AB)
F06	31-3	1530	20156	Sun	11166 10053 14785 31072 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	31-3	1540	17531	Sun	11166 10053 14785 31072 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	31-3	1550	13476	Sun	11166 10053 14785 31072 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06a	1-3	0500	4031	Fri	File 04422 (binary contents)	FSK 200/1000	(AB)
F06a	1-3	0515	5119	Fri	File 04422 (binary contents)	FSK 200/1000	(AB)
F06a	1-3	0530	5933	Fri	File 04422 (binary contents)	FSK 200/1000	(AB)

F06a	4-3	0700	10671	Mon	File 44461 (binary contents)	FSK 200/1000	(AB)
F06a	4-3	0715	8093	Mon	File 44461 (binary contents)	FSK 200/1000	(AB)
F06a	4-3	0730	6879	Mon	File 44461 (binary contents)	FSK 200/1000	(AB)
F06a	4-3	1200	11428	Mon	File 44461 (binary contents)	FSK 200/1000	(AB)
F06a	4-3	1215	8026	Mon	File 44461 (binary contents)	FSK 200/1000	(AB)
F06a	4-3	1230	6884	Mon	File 44461 (binary contents)	FSK 200/1000	(AB)
F06a	6-3	0700	10671	Wed	File 44464 (binary contents)	FSK 200/1000	(AB)
F06a	6-3	0715	8093	Wed	File 44464 (binary contents)	FSK 200/1000	(AB)
F06a	6-3	0730	6879	Wed	File 44464 (binary contents)	FSK 200/1000	(AB)
F06a	6-3	1200	11428	Wed	File 44464 (binary contents)	FSK 200/1000	(AB)
F06a	6-3	1215	8026	Wed	File 44464 (binary contents)	FSK 200/1000	(AB)
F06a	6-3	1230	6884	Wed	File 44464 (binary contents)	FSK 200/1000	(AB)
F06a	7-3	0100	17532	Tue	wrong 200Hz shift, no decode	FSK 200/1000	(PY)
F06a	7-3	0110	16351	Tue	File V_ZFD_~1 (1024 bytes) 44400 09501 00000 06003 00009	FSK 200/1000	(PY)
F06a	7-3	0120	14428	Tue	(up mid-message) File V_ZFD_~1 (1024 bytes) 44400 09501 00000 06003 00009	FSK 200/1000	(PY)
F06a	11-3	0700	10671	Mon	File 44467 (binary contents)	FSK 200/1000	(AB)
F06a	11-3	0715	8093	Mon	File 44467 (binary contents)	FSK 200/1000	(AB)
F06a	11-3	0730	6879	Mon	File 44467 (binary contents)	FSK 200/1000	(AB)
F06a	11-3	1200	11428	Mon	File 44467 (binary contents)	FSK 200/1000	(AB)
F06a	11-3	1215	8026	Mon	File 44467 (binary contents)	FSK 200/1000	(AB)
F06a	11-3	1230	6884	Mon	File 44467 (binary contents)	FSK 200/1000	(AB)
F06a	13-3	0100	17532	Wed	File V_ZFD_~1 (1536 bytes) 44400 09501 00000 13004 00009	FSK 200/1000	(PY)
F06a	13-3	0700	10671	Wed	File 44470 (binary contents) Header 11166 70202 59268 12070 00009	FSK 200/1000	(AB)
F06a	13-3	0715	8093	Wed	File 44470 (binary contents) Header 11166 70202 59268 12070 00009	FSK 200/1000	(AB)
F06a	13-3	0730	6879	Wed	File 44470 (binary contents) Header 11166 70202 59268 12070 00009	FSK 200/1000	(AB)
F06a	13-3	1200	11428	Wed	File 44470 (binary contents) Header 11166 70202 59268 12070 00009	FSK 200/1000	(AB)
F06a	13-3	1215	8026	Wed	File 44470 (binary contents) Header 11166 70202 59268 12070 00009	FSK 200/1000	(AB)
F06a	13-3	1230	6884	Wed	File 44470 (binary contents) Header 11166 70202 59268 12070 00009	FSK 200/1000	(AB)
F06a	14-3	0100	17532	Tue	File V_ZFD_~1 (1536 bytes) 44400 09501 00000 13004 00009	FSK 200/1000	(PY)
F06a	14-3	0110	16351	Tue	File V_ZFD_~1 (1536 bytes) 44400 09501 00000 13004 00009	FSK 200/1000	(PY)
F06a	14-3	0120	14428	Tue	File V_ZFD_~1 (1536 bytes) 44400 09501 00000 13004 00009	FSK 200/1000	(PY)
F06a	14-3	0500	4575	Tue	File 04424 (binary contents)	FSK 200/1000	(AB)
F06a	14-3	0515	5761	Tue	File 04424 (binary contents)	FSK 200/1000	(AB)
F06a	14-3	0530	7367	Tue	File 04424 (binary contents)	FSK 200/1000	(AB)
F06a	15-3	0500	4575	Fri	File 04424 (binary contents)	FSK 200/1000	(AB)
F06a	15-3	0515	5761	Fri	File 04424 (binary contents)	FSK 200/1000	(AB)
F06a	15-3	0530	7367	Fri	File 04424 (binary contents)	FSK 200/1000	(AB)
F06a	18-3	0700	10671	Mon	File 44473 (binary contents)	FSK 200/1000	(AB)
F06a	18-3	0715	8093	Mon	File 44473 (binary contents)	FSK 200/1000	(AB)
F06a	18-3	0730	6879	Mon	File 44473 (binary contents)	FSK 200/1000	(AB)
F06a	18-3	1200	11428	Mon	File 44473 (binary contents)	FSK 200/1000	(AB)
F06a	18-3	1215	8026	Mon	File 44473 (binary contents)	FSK 200/1000	(AB)

F06a	18-3	1230	6884	Mon	File 44473 (binary contents)	FSK 200/1000	(AB)
F06a	20-3	0700	10671	Wed	File 44476 (binary contents)	FSK 200/1000	(AB)
F06a	20-3	0715	8093	Wed	File 44476 (binary contents)	FSK 200/1000	(AB)
F06a	20-3	0730	6879	Wed	File 44476 (binary contents)	FSK 200/1000	(AB)
F06a	20-3	1200	11428	Wed	File 44476 (binary contents)	FSK 200/1000	(AB)
F06a	20-3	1215	8026	Wed	File 44476 (binary contents)	FSK 200/1000	(AB)
F06a	20-3	1230	6884	Wed	File 44476 (binary contents)	FSK 200/1000	(AB)
F06a	21-3	0500	4575	Tue	File 04425 (binary contents)	FSK 200/1000	(AB)
F06a	21-3	0515	5761	Tue	File 04425 (binary contents)	FSK 200/1000	(AB)
F06a	21-3	0530	7367	Tue	File 04425 (binary contents)	FSK 200/1000	(AB)
F06a	22-3	0500	4575	Fri	File 04425 (binary contents)	FSK 200/1000	(AB)
F06a	22-3	0515	5761	Fri	File 04425 (binary contents)	FSK 200/1000	(AB)
F06a	22-3	0530	7367	Fri	File 04425 (binary contents)	FSK 200/1000	(AB)
F06a	25-3	0700	10671	Mon	File 44479 (binary contents)	FSK 200/1000	(AB)
F06a	25-3	0715	8093	Mon	File 44479 (binary contents)	FSK 200/1000	(AB)
F06a	25-3	0730	6879	Mon	File 44479 (binary contents)	FSK 200/1000	(AB)
F06a	25-3	1200	11428	Mon	File 44479 (binary contents)	FSK 200/1000	(AB)
F06a	25-3	1215	8026	Mon	File 44479 (binary contents)	FSK 200/1000	(AB)
F06a	25-3	1230	6884	Mon	File 44479 (binary contents)	FSK 200/1000	(AB)
F06a	27-3	0100	17532	Wed	File V_ZFD_~1 (1024 bytes)	FSK 200/1000	(PY)
F06a	27-3	0110	16351	Wed	File V_ZFD_~1 (1024 bytes)	FSK 200/1000	(PY)
F06a	27-3	0700	10671	Wed	File 44482 (binary contents)	FSK 200/1000	(AB)
F06a	27-3	0715	8093	Wed	File 44482 (binary contents)	FSK 200/1000	(AB)
F06a	27-3	0730	6879	Wed	File 44482 (binary contents)	FSK 200/1000	(AB)
F06a	27-3	1200	11428	Wed	File 44482 (binary contents)	FSK 200/1000	(AB)
F06a	27-3	1215	8026	Wed	File 44482 (binary contents)	FSK 200/1000	(AB)
F06a	27-3	1230	6884	Wed	File 44482 (binary contents)	FSK 200/1000	(AB)
F06a	28-3	0100	17532	Tue	File V_ZFD_~1 (1024 bytes)	FSK 200/1000	(PY)
F06a	28-3	0110	16351	Tue	File V_ZFD_~1 (1024 bytes)	FSK 200/1000	(PY)
F06a	28-3	0120	14428	Tue	File V_ZFD_~1 (1024 bytes)	FSK 200/1000	(PY)
F06a	28-3	0500	4575	Tue	File 04426 (binary contents)	FSK 200/1000	(AB)
F06a	28-3	0515	5761	Tue	File 04426 (binary contents)	FSK 200/1000	(AB)
F06a	28-3	0530	7367	Tue	File 04426 (binary contents)	FSK 200/1000	(AB)
F06a	29-3	0500	4575	Fri	File 04426 (binary contents)	FSK 200/1000	(AB)
F06a	29-3	0515	5761	Fri	File 04426 (binary contents)	FSK 200/1000	(AB)
F06a	29-3	0530	7367	Fri	File 04426 (binary contents)	FSK 200/1000	(AB)
F06a	30-3	0700	12165	Sat	File 40428 (2832 bytes, binary contents)	FSK 200/1000	(PY)
F06a	30-3	0715	11044	Sat	File 40428 (2832 bytes, binary contents)	FSK 200/1000	(PY)
F06a	30-3	0730	10277	Sat	File 40428 (2832 bytes, binary contents)	FSK 200/1000	(PY)
F07	5-3	2100	10244	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	5-3	2110	9379	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	5-3	2120	8161	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)

F07	28-3	2130	7518	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	28-3	2140	6783	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	28-3	2150	5864	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
HM01	1-3	0627	10345	Fri	64783 20433 41826 87816 15254 72821 Files 72126478.TXT 16482043.TXT 46504182.TXT 34738781.TXT 61411525.TXT 20777282.TXT Callsign: QWERTY01	AM/WinDRM	(AB-ATN)
HM01	1-3	1620	11435	Fri	64783 20433 41826 87816 15254 72821	AM/WinDRM	(AB-USA)
HM01	2-3	0625	14375	Sat	64785 20435 84451 87818 15256 72823 Files 72126478.TXT 16482043.TXT 22728445.TXT 34738781.TXT 61411525.TXT 20777282.TXT Callsign: QWERTY01	AM/WinDRM	(AB-ATN)
HM01	3-3	0638	10345	Sun	64786 20436 84451 12671 15257 72824 Files 72126478.TXT 16482043.TXT 22728445.TXT 50021267.F1C 61411525.TXT 20777282.TXT Callsign: QWERTY01	AM/WinDRM	(AB-ATN)
HM01	3-3	1700	11530	Sun	64786 20436 84451 12671 15257 72824	AM/WinDRM	(AB-USA)
HM01	4-3	0607	10860	Mon	Switched to 10345 kHz 1t 0609z	AM/WinDRM	(AB-ATN)
HM01	4-3	0609	10345	Mon	64787 20437 84452 12671 15258 72825 Files 72126478.TXT 16482043.TXT 22728445.TXT 50021267.F1C 61411525.TXT 20777282.TXT Callsign: QWERTY01	AM/WinDRM	(AB-ATN)
HM01	4-3	1640	11435	Mon	64787 20437 84452 12671 15258 72825	AM/WinDRM	(AB-USA)
HM01	4-3	2234	10715	Mon	64787 20437 84452 12671 15258	AM/WinDRM	(RL)
HM01	5-3	0603	14375	Tue	Repeat of 27 Feb. 64488 58479 41822 87812 15251 68015	AM/WinDRM	(AB-ATN/EW)
HM01	5-3	1654	11435	Tue	Repeat of 27 Feb. 64488 58479 41822 87812 15251 68015	AM/WinDRM	(AB-USA)
HM01	6-3	0600	10345	Wed	Repeat of 28 Feb. 64781 20431 41823 87813 15251 68016	AM/WinDRM	(AB-USA)
HM01	7-3	0605	14735	Tue	Repeat of 29 Feb 64782 20432 41825 87815 15253 72821	AM/WinDRM	(AB-ANT)
HM01	7-3	1640	11435	Tue	Repeat of 29 Feb 64782 20432 41825 87815 15253 72821	AM/WinDRM	(AB-USA)
HM01	8-3	0605	10345	Fri	Repeat of 28 Feb. 64781 20431 41823 87813 15251 68016	AM/WinDRM	(AB-USA)
HM01	9-3	1615	11345	Sat	64785 20435 84451 87818 15256 72823 Repeat of 2 March	AM/WinDRM	(AB-USA)
HM01	10-3	0720	9330	Sun	64786 20436 84451 12671 15257 72824. Repeat of 3 March	AM/WinDRM	(AB-USA)
HM01	11-3	0600	10345	Mon	64787 20437 84452 12671 15258 72825. Repeat of 4 March	AM/WinDRM	(AB-ATN)
HM01	13-3	0602	10345	Wed	64789 57301 84454 12673 80731 72827 Files 72126478.TXT 25825730.TXT 22728445.TXT 50021267.F1C 25768073.TXT 20777282.TXT Callsign QWERTY01	AM/WinDRM	(AB-ATN)
HM01	13-3	1655	11530	Wed	64789 57301 84454 12673 80731 72827	AM/WinDRM	(AB-USA)
HM01	14-3	0700	13435	Tue	23551 57301 84455 12674 80731 75201 Files 84412355.TXT 25825730.TXT 22728445.TXT 50021267.F1C 25768073.TXT 65117520.TXT Callsign QWERTY01	AM/WinDRM	(AB-ATN)
HM01	15-3	0603	10345	Fri	23551 57301 84456 12675 80732 75201 Files 84412355.TXT 25825730.TXT 22728445.TXT 50021267.F1C 25768073.TXT 65117520.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	15-3	1654	11530	Fri	23551 57301 84456 12675 80732 75201	AM/WinDRM	(AB-USA)
HM01	16-3	2144	13435	Sat	23552 57303 84457 12676 80733 75202 Files 84412355.TXT 25825730.TXT 22728445.TXT 50021267.F1C 25768073.TXT 65117520.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	17-3	0640	10345	Sun	23553 57304 84458 12677 80734 75203 Files 84412355.TXT 25825730.TXT 22728445.TXT 50021267.F1C 25768073.TXT 65117520.TXT Callsign QWERTY01	AM/WinDRM	(AB-ATN)
HM01	17-3	1740	11530	Sun	23553 57304 84458 12677 80734 75203	AM/WinDRM	(AB-USA)
HM01	18-3	0800	9065	Mon	23554 57305 83871 12678 80735 75204 Files 84412355.TXT 25825730.TXT 50828387.F1C 50021267.F1C 25768073.TXT 65117520.TXT Callsign QWERTY01	AM/WinDRM	(AB-ATN)
HM01	18-3	0900	9240	Mon	23554 57305 83871 12678 80735 75204	AM/WinDRM	(AB-USA)
HM01	18-3	0955	9155	Mon	23554 57305 83871 12678 80735 75204	AM/WinDRM	(AB-USA)

HM01	19-3	0557	14375	Tue	23555 57306 83871 12679 80736 75205 Files 84412355.TXT 25825730.TXT 50828387.F1C 50021267.F1C 25768073.TXT 65117520.TXT Callsign QWERTY01	AM/WinDRM	(AB-ATN)
HM01	19-3	1655	11435	Tue	23555 57306 83871 12679 80736 75205	AM/WinDRM	(AB-ATN)
HM01	20-3	0604	10345	Wed	23556 57307 83872 63771 80737 75206 Files 84412355.TXT 25825730.TXT 50828387.F1C 75236377.TXT 25768073.TXT 65117520.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	20-3	1644	11435	Wed	23556 57307 83872 63771 80737 75206	AM/WinDRM	(AB-USA)
HM01	21-3	0700	13435	Tue	23551 57301 84455 12674 80731 75201 Files 84412355.TXT 25825730.TXT 22728445.TXT 50021267.F1C 25768073.TXT 65117520.TXT Callsign QWERTY01	AM/WinDRM	(AB-ATN)
HM01	22-3	0545	10860	Fri	23559 58751 83875 63773 73611 41321 Files 84412355.TXT 50185875.F1C 50828387.F1C 75236377.TXT 57577361.TXT 23804132.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	22-3	0552	10345	Fri	23559 58751 83875 63773 73611 41321	AM/WinDRM	(AB-USA)
HM01	24-3	0604	10345	Sun	55462 58754 86561 63776 73613 41323 Files 50085546.F1C 50185875.F1C 03008656.TXT 75236377.TXT 57577361.TXT 23804132.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	24-3	1615	11435	Sun	55462 58754 86561 63776 73613 41323	AM/WinDRM	(AB-USA)
HM01	25-3	0541	10860	Mon	55464 58756 86562 63778 73615 41325 Files 50085546.F1C 50185875.F1C 03008656.TXT 75236377.TXT 57577361.TXT 23804132.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	25-3	1652	11530	Mon	55464 58756 86562 63778 73615 41325	AM/WinDRM	(AB-USA)
HM01	26-3	0541	14375	Tue	55464 58756 86562 63778 73615 41325 (repeat of 25 March)	AM/WinDRM	(AB-USA)
HM01	26-3	0930	11462	Tue	55464 58756 86562 63778 73615 41325 (repeat of 25 March)	AM/WinDRM	(AB-USA)
HM01	26-3	1645	11435	Tue	46261 68134 86568 00774 51071 75441 Files 30714626.TXT 50546813.F1C 03008656.TXT 41460077.TXT 02575107.TXT 05647544.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	26-3	1705	11530	Tue	46261 68134 86568 00774 51071 75441	AM/WinDRM	(AB-USA)
HM01	27-3	0554	10860	Wed	46262 68136 60671 00776 51073 75443 Files 30714626.TXT 50546813.F1C 50166067.F1C 41460077.TXT 02575107.TXT 05647544.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	27-3	0556	10345	Wed	46262 68136 60671 00776 51073 75443	AM/WinDRM	(AB-USA)
HM01	27-3	1645	11435	Wed	46262 68136 60671 00776 51073 75443	AM/WinDRM	(AB-USA)
HM01	28-3	0605	11462	Tue	46263 68137 60672 00777 51074 75444 Files 30714626.TXT 50546813.F1C 50166067.F1C 41460077.TXT 02575107.TXT 05647544.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	29-3	0530	10860	Fri	46264 68138 60673 00778 51075 75445 Files 30714626.TXT 50546813.F1C 50166067.F1C 41460077.TXT 02575107.TXT 05647544.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	29-3	0558	10345	Fri	46264 68138 60673 00778 51075 75445	AM/WinDRM	(AB-USA)
HM01	29-3	0809	9065	Fri	46264 68138 60673 00778 51075 75445	AM/WinDRM	(AB-USA)
HM01	29-3	1730	11530	Fri	46264 68138 60673 00778 51075 75445	AM/WinDRM	(AB-USA)
HM01	30-3	1558	11435	Sat	46265 68139 60674 00779 51076 75446 Files 30714626.TXT 50546813.F1C 50166067.F1C 41460077.TXT 02575107.TXT 05647544.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	31-3	0547	10860	Sun	46266 65361 60675 73411 51077 75447 Files 30714626.TXT 73076536.TXT 50166067.F1C 32877341.TXT 02575107.TXT 05647544.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	31-3	1848	11635	Sun	46266 65361 60675 73411 51077 75447	AM/WinDRM	(AB-USA)
HM01	31-3	2146	10715	Sun	46266 65361 60675 73411 51077 75447	AM/WinDRM	(RL)
M01	2-3	1500	6260	Sat	463 121 30 = 76543 ...	CW	(HFD)
M01	3-3	0700	6510	Sun	463 931 931 30 30 = = 82736 98735 01735 ... 53435 85643 76321 = = 931 931 30 30 000	CW	(AB/HFD)

M01	5-3	1800	5475	Tue	463 221 221 30 30 = = 85947 65746 25461 ... 64738 85943 78956 = = 221 221 30 30 000. 31 groups were sent	CW	(AB-S/HFD)
M01	5-3	2000	5020	Tue	463 131 30 = 84756 ...	CW	(HFD)
M01	7-3	1800	5475	Tue	463 903 903 30 30 = = 50385 74821 15395 ... 38572 74837 48391 = = 903 903 30 30 000	CW	(AB-S)
M01	7-3	2000	5020	Tue	463 782 782 30 30 = = 38104 83928 84936 ... many mistakes 782 782 30 30 000	CW	(AB)
M01	9-3	1500	6260	Sat	197 834 834 30 30 = = 73899 20991 73643 ... 16370 16370 15246 = = 834 834 30 30 000. Some groups were not repeated	CW	(AB-S)
M01	10-3	0700	6510	Sun	463 749 749 30 30 = = 82209 73399 29084 ... 38576 83900 17364 = = 749 749 30 30 000	CW	(AB)
M01	12-3	1800	5475	Tue	463 301 301 30 30 = = 40918 11096 30987 ... 10957 46578 30987 = = 301 301 30 30 000	CW	(AB-S)
M01	12-3	2000	5020	Tue	463 473 473 30 30 = = 45671 10981 13241 ... 10911 22091 44091 = = 437 437 30 30 000	CW	(AB)
M01	14-3	1800	5475	Tue	463 722 722 30 30 = = 10303 20304 30405 ... 56789 56723 78901 = = 722 722 30 30 000. Only 29 groups were sent	CW	(AB-S)
M01	14-3	2000	5020	Tue	463 144 144 30 30 = = 12345 23415 34526 ... 60907 54768 56789 = = 144 144 30 30 000. Only 29 groups were sent	CW	(AB)
M01	16-3	1500	6260	Sat	463 283 283 30 30 = = 18356 18352 19352 ... 38112 39414 30351 = = 283 283 30 30 000	CW	(AB)
M01	17-3	0700	6510	Sun	197 349 349 30 30 = = 18356 18367 10378 ... 38411 39515 30739 = = 349 349 30 30 000	CW	(AB-S)
M01	19-3	1800	5475	Tue	463 298 298 30 30 = = 18367 27463 39184 ... 39876 30171 31939 = = 298 298 30 30 000	CW	(AB-S)
M01	19-3	2000	5020	Tue	463 673 673 30 30 = = 11637 12314 13947 ... 39012 36743 37233 = = 673 673 30 30 000	CW	(AB)
M01	21-3	1800	5475	Tue	463 312 312 30 30 = = 46312 64758 73641 ... 23751 45673 78413 = = 312 312 30 30 000	CW	(AB-S)
M01	21-3	2000	5020	Tue	463 219 219 30 30 = = 94564 64521 64758 ... 23856 74854 73645 = = 219 219 30 30 000	CW	(AB)
M01	23-3	1500	6260	Sat	463 893 893 30 30 = = 30524 83953 72853 ... 84059 28451 73872 = = 893 893 30 30 000	CW	(AB)
M01	24-3	0700	6510	Sun	463 721 721 30 30 = = 57385 73920 84713 ... 73284 83040 73814 = = 721 721 30 30 000	CW	(AB-S)
M01	26-3	1800	5475	Tue	463 159 159 30 30 = = 84726 15237 48375 ... 74527 09123 74674 = = 159 159 30 30 000	CW	(AB-S)
M01	26-3	2000	5020	Tue	463 359 359 30 30 = = 27365 12423 74639 ... 63746 87351 73525 = = 359 359 30 30 000 Sent only 29 groups	CW	(AB)
M01	28-3	1800	5475	Tue	463 103 103 30 30 = = 65748 48937 20917 ... 55094 30957 34516 = = 103 103 30 30 000	CW	(AB-S)
M01	28-3	2000	5020	Tue	463 503 503 30 30 = = 65098 10981 22091 ... 33095 86757 40931 = = 503 503 30 30 000	CW	(AB)
M01	30-3	1500	6260	Sat	463 668 668 30 30 = = 10203 20304 30405 ... 90798 09058 46275 = = 668 668 30 30 000	CW	(AB-S)
M01	31-3	0700	6510	Sun	463 141 141 30 30 = = 24637 25346 78695 ... 82515 74750 74850 = = 141 141 30 30 000	CW	(AB-S)
M12	1-3	0010	16284	Fri	297 297 297 1 ...	CW	(HFD-J)
M12	1-3	0030	15984	Fri	297 297 297 1 ...	CW	(HFD-J)
M12	1-3	0050	14784	Fri	297 297 297 1 ...	CW	(HFD-J)
M12	1-3	2000	10238	Fri	218 218 218 1 322 172 322 172 51686 95947 10744 ... 80098 09223 97564 000 000	CW	(AB/HFD)
M12	1-3	2020	9138	Fri	218 218 218 1 322 172 322 172 51686 95947 10744 ... 80098 09223 97564 000 000	CW	(AB/HFD)
M12	1-3	2040	7838	Fri	218 218 218 1 322 172 322 172 51686 95947 10744 ... 80098 09223 97564 000 000	CW	(AB/HFD)
M12	1-3	2200	8126	Fri	178 178 178 1 260 290 260 290 81371 58199 65626 ... 12517 44744 85614 000 000	CW	(AB/HFD)
M12	1-3	2224	7526	Fri	178 178 178 1 260 290 260 290 81371 58199 65626 ... 12517 44744 85614 000 000	CW	(AB/HFD)
M12	1-3	2251	6826	Fri	178 178 178 1 260 290 260 290 81371 58199 65626 ... 12517 44744 85614 000 000	CW	(AB/HFD)
M12	2-3	1800	11435	Sat	938 938 938 1 6697 76 6697 76 69035 41240 80715 ... 10433 28499 30737 000 000	CW	(AB/HFD)
M12	2-3	1820	10598	Sat	938 938 938 1 6697 76 6697 76 69035 41240 80715 ... 10433 28499 30737 000 000	CW	(AB/HFD)
M12	2-3	1840	9327	Sat	938 938 938 1 6697 76 6697 76 69035 41240 80715 ... 10433 28499 30737 000 000	CW	(AB/HFD)
M12	2-3	2200	8126	Sat	178 178 178 1 260 290 260 290 81371 58199 65626 ... 12517 44744 85614 000 000	CW	(AB)

M12	2-3	2224	7526	Sat	178 178 178 1 260 290 260 290 81371 58199 65626 ... 12517 44744 85614 000 000	CW	(AB)
M12	2-3	2251	6826	Sat	178 178 178 1 260 290 260 290 81371 58199 65626 ... 12517 44744 85614 000 000	CW	(AB)
M12	3-3	2330	12171	Sun	518 518 518 1 7707 78 7707 78 46400 08537 06214 ... 83156 97749 25615 000 000	CW	(PY)
M12	3-3	2350	10871	Sun	518 518 518 1 7707 78 7707 78 46400 08537 06214 ... 83156 97749 25615 000 000	CW	(PY)
M12	4-3	0930	9345	Mon	687 687 687 1 5580 50 5580 50 55742 46253 47874 ... 60440 83649 90387 000 000	CW	(PY)
M12	4-3	1400	20849	Mon	842 842 842 000	CW	(AB)
M12	4-3	1400	20849	Mon	842 842 842 000	CW	(HFD)
M12	4-3	1420	19449	Mon	842 842 842 000	CW	(AB)
M12	4-3	1420	19449	Mon	842 842 842 000	CW	(HFD)
M12	4-3	2300	9157	Mon	917 917 917 000	CW	(AB/RL/HFD)
M12	4-3	2320	7957	Mon	917 917 917 000	CW	(AB/RL/HFD)
M12	5-3	0300	18767	Tue	742 742 742 1 ...	CW	(HFD-J)
M12	5-3	0320	17467	Tue	742 742 742 1 ...	CW	(HFD-J)
M12	5-3	0340	16267	Tue	742 742 742 1 ...	CW	(HFD-J)
M12	5-3	1800	12162	Tue	546 546 546 1 3432 52 3432 52 82695 97812 37706 ... 91371 99838 43446 000 000	CW	(AB)
M12	5-3	1820	11566	Tue	546 546 546 1 3432 52 3432 52 82695 97812 37706 ... 91371 99838 43446 000 000	CW	(AB)
M12	5-3	1840	10711	Tue	546 546 546 1 3432 52 3432 52 82695 97812 37706 ... 91371 99838 43446 000 000	CW	(AB)
M12	6-3	2000	10238	Wed	218 218 218 000	CW	(AB/RL)
M12	6-3	2020	9138	Wed	218 218 218 000	CW	(AB/RL)
M12	7-3	1400	20849	Tue	842 842 842 000	CW	(AB)
M12	7-3	1420	19449	Tue	842 842 842 000	CW	(AB)
M12	7-3	2300	9157	Tue	917 917 917 000	CW	(AB/RL)
M12	7-3	2320	7957	Tue	917 917 917 000	CW	(AB/RL)
M12	8-3	2000	10238	Fri	218 218 218 000	CW	(AB)
M12	8-3	2020	9138	Fri	218 218 218 000	CW	(AB)
M12	8-3	2200	8126	Fri	178 178 178 1 260 290 260 290 81371 58199 65626 ... 12517 44744 85614 000 000	CW	(AB)
M12	8-3	2224	7526	Fri	178 178 178 1 260 290 260 290 81371 58199 65626 ... 12517 44744 85614 000 000	CW	(AB)
M12	8-3	2251	6826	Fri	178 178 178 1 260 290 260 290 81371 58199 65626 ... 12517 44744 85614 000 000	CW	(AB)
M12	9-3	1800	11435	Sat	938 938 938 1 5537 76 5537 76 00108 68471 44721 ... 63188 46155 73740 000 000	CW	(AB)
M12	9-3	1820	10598	Sat	938 938 938 1 5537 76 5537 76 00108 68471 44721 ... 63188 46155 73740 000 000	CW	(AB)
M12	9-3	1840	9327	Sat	938 938 938 1 5537 76 5537 76 00108 68471 44721 ... 63188 46155 73740 000 000	CW	(AB)
M12	9-3	2200	8126	Sat	178 178 178 1 260 290 260 290 81371 58199 65626 ... 12517 44744 85614 000 000	CW	(AB)
M12	9-3	2224	7526	Sat	178 178 178 1 260 290 260 290 81371 58199 65626 ... 12517 44744 85614 000 000	CW	(AB)
M12	9-3	2251	6826	Sat	178 178 178 1 260 290 260 290 81371 58199 65626 ... 12517 44744 85614 000 000	CW	(AB)
M12	10-3	2310	13571	Sun	518 518 518 1 258 167 258 167 13395 13334 34722 ... 69741 86459 61826 000 000	CW	(RL)
M12	10-3	2330	12171	Sun	518 518 518 1 258 167 258 167 13395 13334 34722 ... 69741 86459 61826 000 000	CW	(RL)
M12	10-3	2350	10871	Sun	518 518 518 1 258 167 258 167 13395 13334 34722 ... 69741 86459 61826 000 000	CW	(RL)
M12	11-3	1400	20849	Mon	842 842 842 000	CW	(AB)
M12	11-3	1420	19449	Mon	842 842 842 000	CW	(AB)
M12	11-3	2300	9157	Mon	917 917 917 1 533 100 533 100 44871 10432 85813 ... 19897 09191 65797 000 000	CW	(AB/RL)
M12	11-3	2320	7957	Mon	917 917 917 1 533 100 533 100 44871 10432 85813 ... 19897 09191 65797 000 000	CW	(AB/RL)
M12	11-3	2340	6857	Mon	917 917 917 1 533 100 533 100 44871 10432 85813 ... 19897 09191 65797 000 000	CW	(AB/RL)

M12	12-3	0800	9317	Tue	135 135 135 1 9660 72 9660 72 94897 59223 37303 ... 87117 52800 37569 000 000	CW	(PY)
M12	12-3	0820	10484	Tue	135 135 135 1 9660 72 9660 72 94897 59223 37303 ... 87117 52800 37569 000 000	CW	(PY)
M12	12-3	0840	11552	Tue	135 135 135 1 9660 72 9660 72 94897 59223 37303 ... 87117 52800 37569 000 000	CW	(PY)
M12	12-3	1800	12162	Tue	546 546 546 1 5020 50 5020 50 68569 63797 90377 ... 01563 93534 39591 000 000	CW	(AB)
M12	12-3	1820	11566	Tue	546 546 546 1 5020 50 5020 50 68569 63797 90377 ... 01563 93534 39591 000 000	CW	(AB)
M12	12-3	1840	10711	Tue	546 546 546 1 5020 50 5020 50 68569 63797 90377 ... 01563 93534 39591 000 000	CW	(AB)
M12	13-3	2000	10238	Wed	218 218 218 1 336 117 336 117 85152 53547 80586 ... 09333 08591 83413 000 000	CW	(AB)
M12	13-3	2020	9138	Wed	218 218 218 1 336 117 336 117 85152 53547 80586 ... 09333 08591 83413 000 000	CW	(AB)
M12	13-3	2040	7838	Wed	218 218 218 1 336 117 336 117 85152 53547 80586 ... 09333 08591 83413 000 000	CW	(AB)
M12	14-3	0800	9317	Tue	135 135 135 1 1425 74 1425 74 08458 26343 76248 ... 72591 03088 26996 000 000	CW	(PY)
M12	14-3	0820	10484	Tue	135 135 135 1 1425 74 1425 74 08458 26343 76248 ... 72591 03088 26996 000 000	CW	(PY)
M12	14-3	0840	11552	Tue	135 135 135 1 1425 74 1425 74 08458 26343 76248 ... 72591 03088 26996 000 000	CW	(PY)
M12	14-3	1400	20849	Tue	842 842 842 000	CW	(AB)
M12	14-3	1420	19449	Tue	842 842 842 000	CW	(AB)
M12	14-3	2300	9157	Tue	917 917 917 1 533 100 533 100 44871 10432 85813 ... 19897 09191 65797 000 000	CW	(AB)
M12	14-3	2320	7957	Tue	917 917 917 1 533 100 533 100 44871 10432 85813 ... 19897 09191 65797 000 000	CW	(AB)
M12	14-3	2340	6857	Tue	917 917 917 1 533 100 533 100 44871 10432 85813 ... 19897 09191 65797 000 000	CW	(AB)
M12	15-3	2000	10238	Fri	218 218 218 1 336 117 336 117 85152 53547 80586 ... 09333 08591 83413 000 000	CW	(AB)
M12	15-3	2020	9138	Fri	218 218 218 1 336 117 336 117 85152 53547 80586 ... 09333 08591 83413 000 000	CW	(AB)
M12	15-3	2040	7838	Fri	218 218 218 1 336 117 336 117 85152 53547 80586 ... 09333 08591 83413 000 000	CW	(AB)
M12	15-3	2200	8126	Fri	178 178 178 1 363 141 363 141 30284 59473 45590 ... 33889 38296 87823 000 000	CW	(AB)
M12	15-3	2220	7526	Fri	178 178 178 1 363 141 363 141 30284 59473 45590 ... 33889 38296 87823 000 000	CW	(AB)
M12	15-3	2240	6826	Fri	178 178 178 1 363 141 363 141 30284 59473 45590 ... 33889 38296 87823 000 000	CW	(AB)
M12	16-3	1800	11435	Sat	938 938 938 1 9067 75 9067 75 07877 22660 80273 ... 36431 50208 18949 000 000	CW	(AB)
M12	16-3	1820	10598	Sat	938 938 938 1 9067 75 9067 75 07877 22660 80273 ... 36431 50208 18949 000 000	CW	(AB)
M12	16-3	1840	9327	Sat	938 938 938 1 9067 75 9067 75 07877 22660 80273 ... 36431 50208 18949 000 000	CW	(AB)
M12	16-3	2200	8126	Sat	178 178 178 1 363 141 363 141 30284 59473 45590 ... 33889 38296 87823 000 000	CW	(AB)
M12	16-3	2220	7526	Sat	178 178 178 1 363 141 363 141 30284 59473 45590 ... 33889 38296 87823 000 000	CW	(AB)
M12	16-3	2240	6826	Sat	178 178 178 1 363 141 363 141 30284 59473 45590 ... 33889 38296 87823 000 000	CW	(AB)
M12	18-3	1400	20849	Mon	842 842 842 1 9928 86 9928 86 66066 63133 60582 ... 78156 00117 02221 000 000	CW	(AB)
M12	18-3	1420	19449	Mon	842 842 842 1 9928 86 9928 86 66066 63133 60582 ... 78156 00117 02221 000 000	CW	(AB)
M12	18-3	1440	18249	Mon	842 842 842 1 9928 86 9928 86 66066 63133 60582 ... 78156 00117 02221 000 000	CW	(AB)
M12	18-3	2300	9157	Mon	917 917 917 000	CW	(AB)
M12	18-3	2320	7957	Mon	917 917 917 000	CW	(AB/RL)
M12	19-3	0800	9317	Tue	135 135 135 1 3770 75 3770 75 27169 61128 44373 ... 03250 22037 04283 000 000	CW	(EL)
M12	19-3	0820	10484	Tue	135 135 135 1 3770 75 3770 75 27169 61128 44373 ... 03250 22037 04283 000 000	CW	(EL)
M12	19-3	0840	11552	Tue	135 135 135 1 3770 75 3770 75 27169 61128 44373 ... 03250 22037 04283 000 000	CW	(EL)
M12	19-3	1800	12162	Tue	546 546 546 1 4301 53 4301 53 31060 46345 87445 ... 01077 40268 06603 000 000	CW	(AB)
M12	19-3	1820	11566	Tue	546 546 546 1 4301 53 4301 53 31060 46345 87445 ... 01077 40268 06603 000 000	CW	(AB)
M12	19-3	1840	10711	Tue	546 546 546 1 4301 53 4301 53 31060 46345 87445 ... 01077 40268 06603 000 000	CW	(AB)
M12	20-3	2000	10238	Wed	218 218 218 000	CW	(AB)
M12	20-3	2020	9138	Wed	218 218 218 000	CW	(AB)

M12	21-3	0806	9317	Tue	135 135 135 1 9487 88 9487 88 72399 47768 55924 ... 67705 70533 13890 000 000 Late start	CW	(AB)
M12	21-3	0820	10484	Tue	135 135 135 1 9487 88 9487 88 72399 47768 55924 ... 67705 70533 13890 000 000	CW	(AB)
M12	21-3	0840	11552	Tue	135 135 135 1 9487 88 9487 88 72399 47768 55924 ... 67705 70533 13890 000 000	CW	(AB)
M12	21-3	1400	20849	Tue	842 842 842 1 9928 86 9928 86 66066 63133 60582 ... 78156 00117 02221 000 000	CW	(AB)
M12	21-3	1420	19449	Tue	842 842 842 1 9928 86 9928 86 66066 63133 60582 ... 78156 00117 02221 000 000	CW	(AB)
M12	21-3	1440	18249	Tue	842 842 842 1 9928 86 9928 86 66066 63133 60582 ... 78156 00117 02221 000 000	CW	(AB)
M12	21-3	2300	9157	Tue	917 917 917 000	CW	(AB)
M12	21-3	2320	7957	Tue	917 917 917 000	CW	(AB)
M12	22-3	2000	10238	Fri	218 218 218 000	CW	(AB)
M12	22-3	2020	9138	Fri	218 218 218 000	CW	(AB)
M12	22-3	2200	8126	Fri	178 178 178 1 363 141 363 141 30284 59473 45590 ... 33889 38296 87823 000 000	CW	(AB)
M12	22-3	2220	7526	Fri	178 178 178 1 363 141 363 141 30284 59473 45590 ... 33889 38296 87823 000 000	CW	(AB)
M12	22-3	2240	6826	Fri	178 178 178 1 363 141 363 141 30284 59473 45590 ... 33889 38296 87823 000 000	CW	(AB)
M12	23-3	1800	11435	Sat	938 938 938 1 5725 75 5725 75 52386 69259 34988 ... 78978 67949 77058 000 000	CW	(AB)
M12	23-3	1820	10598	Sat	938 938 938 1 5725 75 5725 75 52386 69259 34988 ... 78978 67949 77058 000 000	CW	(AB)
M12	23-3	1840	9327	Sat	938 938 938 1 5725 75 5725 75 52386 69259 34988 ... 78978 67949 77058 000 000	CW	(AB)
M12	23-3	2200	8126	Sat	178 178 178 1 363 141 363 141 30284 59473 45590 ... 33889 38296 87823 000 000	CW	(AB)
M12	23-3	2220	7526	Sat	178 178 178 1 363 141 363 141 30284 59473 45590 ... 33889 38296 87823 000 000	CW	(AB)
M12	23-3	2240	6826	Sat	178 178 178 1 363 141 363 141 30284 59473 45590 ... 33889 38296 87823 000 000	CW	(AB)
M12	25-3	1400	20849	Mon	842 842 842 000	CW	(AB)
M12	25-3	1420	19449	Mon	842 842 842 000	CW	(AB)
M12	25-3	2300	9157	Mon	917 917 917 1 511 201 511 201 13673 32593 60063 ... 39189 98084 58360 000 000	CW	(AB)
M12	25-3	2320	7957	Mon	917 917 917 1 511 201 511 201 13673 32593 60063 ... 39189 98084 58360 000 000	CW	(AB)
M12	25-3	2340	6857	Mon	917 917 917 1 511 201 511 201 13673 32593 60063 ... 39189 98084 58360 000 000	CW	(AB)
M12	26-3	0800	9317	Tue	135 135 135 1 6908 86 6908 86 86683 81392 84200 ...60974 44760 40321 000 000	CW	(AB-POL)
M12	26-3	0820	10484	Tue	135 135 135 1 6908 86 6908 86 86683 81392 84200 ...60974 44760 40321 000 000	CW	(AB-POL)
M12	26-3	0840	11552	Tue	135 135 135 1 6908 86 6908 86 86683 81392 84200 ...60974 44760 40321 000 000	CW	(AB)
M12	26-3	1800	12162	Tue	546 546 546 1 8399 59 8399 59 81541 22626 48641 ... 93656 39955 59586 000 000	CW	(AB)
M12	26-3	1820	11566	Tue	546 546 546 1 8399 59 8399 59 81541 22626 48641 ... 93656 39955 59586 000 000	CW	(AB)
M12	26-3	1840	10711	Tue	546 546 546 1 8399 59 8399 59 81541 22626 48641 ... 93656 39955 59586 000 000	CW	(AB)
M12	27-3	2000	10238	Wed	218 218 218 000	CW	(AB)
M12	27-3	2020	9138	Wed	218 218 218 000	CW	(AB)
M12	27-3	2310	13571	Wed	518 518 518 1 992 237 992 237 24740 27520 12602 ... 85599 23875 58953 000 000	CW	(RL)
M12	27-3	2330	12171	Wed	518 518 518 1 992 237 992 237 24740 27520 12602 ... 85599 23875 58953 000 000	CW	(RL)
M12	27-3	2350	10871	Wed	518 518 518 1 992 237 992 237 24740 27520 12602 ... 85599 23875 58953 000 000	CW	(RL)
M12	28-3	0800	9317	Tue	135 135 135 1 3037 74 3037 74 46302 11007 49488 ... 27981 24850 25357 000 000	CW	(AB-S)
M12	28-3	0820	10484	Tue	135 135 135 1 3037 74 3037 74 46302 11007 49488 ... 27981 24850 25357 000 000	CW	(AB)
M12	28-3	0840	11552	Tue	135 135 135 1 3037 74 3037 74 46302 11007 49488 ... 27981 24850 25357 000 000	CW	(AB)
M12	28-3	1400	20849	Tue	842 842 842 000	CW	(AB)
M12	28-3	1420	19449	Tue	842 842 842 000	CW	(AB)
M12	28-3	2300	9157	Tue	917 917 917 1 511 201 511 201 13673 32593 60063 ... 39189 98084 58360 000 000	CW	(AB/RL)
M12	28-3	2320	7957	Tue	917 917 917 1 511 201 511 201 13673 32593 60063 ... 39189 98084 58360 000 000	CW	(AB/RL)

M12	28-3	2340	6857	Tue	917 917 917 1 511 201 511 201 13673 32593 60063 ... 39189 98084 58360 000 000	CW	(AB/RL)
M12	29-3	2000	10238	Fri	218 218 218 000	CW	(AB)
M12	29-3	2020	9138	Fri	218 218 218 000	CW	(AB)
M12	29-3	2200	8126	Fri	178 178 178 1 138 109 138 109 20294 00978 84961 ... 87290 24648 16573 000 000	CW	(AB/RL)
M12	29-3	2220	7526	Fri	178 178 178 1 138 109 138 109 20294 00978 84961 ... 87290 24648 16573 000 000	CW	(AB)
M12	29-3	2240	6826	Fri	178 178 178 1 138 109 138 109 20294 00978 84961 ... 87290 24648 16573 000 000	CW	(AB)
M12	30-3	1800	11435	Sat	938 938 938 1 5625 75 5625 75 87687 55535 91656 ... 04427 18348 42108 000 000	CW	(AB)
M12	30-3	1820	10598	Sat	938 938 938 1 5625 75 5625 75 87687 55535 91656 ... 04427 18348 42108 000 000	CW	(AB)
M12	30-3	1840	9327	Sat	938 938 938 1 5625 75 5625 75 87687 55535 91656 ... 04427 18348 42108 000 000	CW	(AB)
M12	30-3	2200	8126	Sat	178 178 178 1 138 109 138 109 20294 00978 84961 ... 87290 24648 16573 000 000	CW	(AB)
M12	30-3	2220	7526	Sat	178 178 178 1 138 109 138 109 20294 00978 84961 ... 87290 24648 16573 000 000	CW	(AB)
M12	30-3	2240	6826	Sat	178 178 178 1 138 109 138 109 20294 00978 84961 ... 87290 24648 16573 000 000	CW	(AB)
M14	1-3	0500	12211	Fri	952 952 952 00000	CW	(PY/HFD-J)
M14	1-3	0520	10243	Fri	952:0 via KiwiSDR J	CW	(HFD-J)
M14	6-3	0800	14721	Wed	262 358 358 42 42 == 89699 41058 90910 ... 04399 19214 15128 == 358 358 42 52 00000	CW	(PY)
M14	6-3	0830	12188	Wed	262 358 358 42 42 == 89699 41058 90910 ... 04399 19214 15128 == 358 358 42 52 00000	CW	(PY)
M14	6-3	1900	7377	Wed	262 358 358 42 42 == 89699 41058 90910 ... 04399 19214 15128 == 358 358 42 52 00000	CW	(PY)
M14	6-3	1930	5380	Wed	262 358 358 42 42 == 89699 41058 90910 ... 04399 19214 15128 == 358 358 42 52 00000	CW	(PY)
M14	13-3	0800	14721	Wed	262 538 538 41 41 == 60663 49110 61005 ... 20524 86393 64303 == 538 538 41 41 00000	CW	(PY)
M14	13-3	0830	12188	Wed	262 538 538 41 41 == 60663 49110 61005 ... 20524 86393 64303 == 538 538 41 41 00000	CW	(PY)
M14	13-3	1900	7377	Wed	262 538 538 41 41 == 60663 49110 61005 ... 20524 86393 64303 == 538 538 41 41 00000	CW	(PY)
M14	13-3	1930	5380	Wed	262 538 538 41 41 == 60663 49110 61005 ... 20524 86393 64303 == 538 538 41 41 00000	CW	(PY)
M14	20-3	0800	14721	Wed	262 580 580 43 43 == 72861 46023 49886 ... 07505 19037 20753 == 580 580 43 43 00000	CW	(AB-S)
M14	20-3	0800	22925	Wed	942 867 867 35 35 == 86568 81517 91519 ... 51117 51512 41766 == 867 867 35 35 00000	CW	(PY)
M14	20-3	0830	12188	Wed	262 580 580 43 43 == 72861 46023 49886 ... 07505 19037 20753 == 580 580 43 43 00000	CW	(AB)
M14	20-3	0900	20457	Wed	942 867 867 35 35 == 86568 81517 91519 ... 51117 51512 41766 == 867 867 35 35 00000	CW	(PY)
M14	20-3	1900	7377	Wed	262 580 580 43 43 == 72861 46023 49886 ... 07505 19037 20753 == 580 580 43 43 00000	CW	(AB)
M14	20-3	1930	5380	Wed	262 580 580 43 43 == 72861 46023 49886 ... 07505 19037 20753 == 580 580 43 43 00000	CW	(AB)
M14	26-3	0715	10755	Tue	975 (R1h28m)	CW	(AB)
M14	26-3	0715	9463	Tue	801 (R37m)	CW	(PY)
M23	1-3	0158	5198	Fri	XKO (R45m)	CW	(AB)
M23	1-3	0358	5198	Fri	RST (R1h30m)	CW	(AB)
M23	1-3	0557	5873	Fri	BDT (R1h)	CW	(AB)
M23	1-3	0957	17432	Fri	OSS (R1h)	CW	(AB)
M23	1-3	1158	18412	Fri	OSS (R1h)	CW	(AB)
M23	1-3	1558	18412	Fri	1T2 (R1h45m)	CW	(AB)
M23	1-3	2158	10551	Fri	SST (R1h30m)	CW	(AB)
M23	1-3	2358	3659	Fri	TUO (R1h)	CW	(TM)
M23	2-3	0158	5198	Sat	XKO (R45m)	CW	(AB)
M23	2-3	0358	5198	Sat	RST (R1h30m)	CW	(AB)
M23	2-3	0558	5873	Sat	BDT (R1h)	CW	(AB)
M23	2-3	0958	17432	Sat	OSS (R1h)	CW	(AB)

M23	2-3	1158	18412	Sat	OSS (R1h)	CW	(AB)
M23	2-3	1558	18412	Sat	1T2 (R1h45m)	CW	(AB)
M23	2-3	2158	10551	Sat	SST (R1h30m)	CW	(AB)
M23	2-3	2158	10551	Sat	SST (R1h30m)	CW	(AB)
M23	3-3	0158	5198	Sun	XKO (R45m)	CW	(AB)
M23	3-3	0358	5198	Sun	RST (R1h30m)	CW	(AB)
M23	3-3	0558	5873	Sun	BDT (R1h)	CW	(AB)
M23	3-3	0958	17432	Sun	OSS (R1h)	CW	(AB)
M23	3-3	1158	18412	Sun	OSS (R1h)	CW	(AB)
M23	3-3	1558	18412	Sun	1T2 (R1h45m)	CW	(AB)
M23	3-3	2158	10551	Sun	SST (R1h30m)	CW	(AB/RL)
M23	4-3	0158	5198	Mon	XKO (R45m)	CW	(AB)
M23	4-3	0358	5198	Mon	RST (R1h30m)	CW	(AB)
M23	4-3	0558	5873	Mon	BDT (R1h)	CW	(AB)
M23	4-3	0958	17432	Mon	OSS (R1h)	CW	(AB)
M23	4-3	1158	18412	Mon	OSS (R1h)	CW	(AB)
M23	4-3	1558	18412	Mon	1T2 (R1h45m)	CW	(AB)
M23	4-3	2158	10551	Mon	SST (R1h30m)	CW	(AB)
M23	4-3	2358	3659	Mon	TUO (R1h)	CW	(TM)
M23	5-3	0558	5873	Tue	BDT (R1h)	CW	(AB-S)
M23	5-3	0958	17432	Tue	OSS (R1h)	CW	(AB)
M23	5-3	1158	18412	Tue	OSS (R1h)	CW	(AB)
M23	5-3	1558	18412	Tue	1T2 (R1h45m)	CW	(AB)
M23	5-3	2158	10551	Tue	SST (R1h30m)	CW	(AB)
M23	5-3	2358	3659	Tue	TUO (R1h)	CW	(TM)
M23	6-3	0158	5198	Wed	XKO (R45m)	CW	(AB)
M23	6-3	0358	5198	Wed	RST (R1h30m)	CW	(AB)
M23	6-3	0558	5873	Wed	BDT (R1h)	CW	(AB)
M23	6-3	0957	17432	Wed	OSS (R1h)	CW	(AB)
M23	6-3	1158	18412	Wed	OSS (R1h)	CW	(AB)
M23	6-3	1558	18412	Wed	1T2 (R1h45m)	CW	(AB)
M23	6-3	2158	10551	Wed	SST (R1h30m)	CW	(AB)
M23	6-3	2358	3659	Wed	TUO (R1h)	CW	(TM)
M23	7-3	0158	5198	Tue	XKO (R45m)	CW	(AB)
M23	7-3	0358	5198	Tue	RST (R1h30m)	CW	(AB)
M23	7-3	0558	5873	Tue	BDT (R1h)	CW	(AB)
M23	7-3	0957	17432	Tue	OSS (R1h)	CW	(AB)
M23	7-3	1158	18412	Tue	OSS (R1h)	CW	(AB)
M23	7-3	2158	10551	Tue	SST (R1h30m)	CW	(AB)
M23	7-3	2358	3659	Tue	TUO (R1h)	CW	(TM)
M23	8-3	0158	5198	Fri	XKO (R45m)	CW	(AB)
M23	8-3	0358	5198	Fri	RST (R1h30m)	CW	(AB)

M23	8-3	0557	5873	Fri	BDT (R1h)	CW	(AB)
M23	8-3	2158	10551	Fri	SST (R1h30m)	CW	(AB)
M23	8-3	2358	3659	Fri	TUO (R1h)	CW	(TM)
M23	9-3	0158	5198	Sat	XKO (R45m)	CW	(AB)
M23	9-3	0358	5198	Sat	RST (R1h30m)	CW	(AB)
M23	9-3	0558	5873	Sat	BDT (R1h)	CW	(AB)
M23	9-3	0958	17432	Sat	OSS (R1h)	CW	(AB)
M23	9-3	1158	18412	Sat	OSS (R1h)	CW	(AB)
M23	9-3	1558	18412	Sat	1T2 (R1h45m)	CW	(AB)
M23	9-3	2157	10551	Sat	SST (R1h30m)	CW	(AB)
M23	9-3	2358	3659	Sat	TUO (R1h)	CW	(TM)
M23	10-3	0158	5198	Sun	XKO (R45m)	CW	(AB)
M23	10-3	0358	5198	Sun	RST (R1h30m)	CW	(AB)
M23	10-3	0558	5873	Sun	BDT (R1h)	CW	(AB)
M23	10-3	0958	17432	Sun	OSS (R1h)	CW	(AB)
M23	10-3	1158	18412	Sun	OSS (R1h)	CW	(AB)
M23	10-3	1558	18412	Sun	1T2 (R1h45m)	CW	(AB)
M23	10-3	2158	10551	Sun	SST (R1h30m)	CW	(AB/RL)
M23	10-3	2358	3659	Sun	TUO (R1h)	CW	(TM)
M23	11-3	0158	5198	Mon	XKO (R45m)	CW	(AB)
M23	11-3	0358	5198	Mon	RST (R1h30m)	CW	(AB)
M23	11-3	0558	5873	Mon	BDT (R1h)	CW	(AB)
M23	11-3	0908	18412	Mon	SST (R30m)	CW	(AB)
M23	11-3	0958	17432	Mon	OSS (R1h)	CW	(AB)
M23	11-3	1158	18412	Mon	OSS (R1h)	CW	(AB)
M23	11-3	1558	18412	Mon	1T2 (R1h45m)	CW	(AB)
M23	11-3	2158	10551	Mon	SST (R1h30m)	CW	(AB)
M23	11-3	2358	3659	Mon	TUO (R1h)	CW	(TM)
M23	12-3	0158	5198	Tue	XKO (R45m)	CW	(AB)
M23	12-3	0358	5198	Tue	RST (R1h30m)	CW	(AB)
M23	29-3	0657	5198	Fri	Hourly marker	CW	(AB)
M23	29-3	0657	18412	Fri	Hourly marker	CW	(AB)
M23	29-3	0757	5198	Fri	Hourly marker	CW	(AB)
M23	29-3	0757	18412	Fri	Hourly marker	CW	(AB)
M23	29-3	2157	5198	Fri	Hourly marker	CW	(AB)
M23	29-3	2257	5198	Fri	Hourly marker	CW	(AB)
M23	29-3	2357	5198	Fri	Hourly marker	CW	(AB)
M23	30-3	0057	5198	Sat	Hourly marker	CW	(AB)
M23	30-3	0157	5198	Sat	Hourly marker	CW	(AB)
M23	30-3	0257	5198	Sat	Hourly marker	CW	(AB)
M23	30-3	0357	5198	Sat	Hourly marker	CW	(AB)
M23	30-3	0457	5198	Sat	Hourly marker	CW	(AB)

M23	30-3	0557	5198	Sat	Hourly marker	CW	(AB)
M23	30-3	1357	18412	Sat	Hourly marker	CW	(AB)
M23	30-3	1457	5198	Sat	Hourly marker	CW	(AB)
M23	30-3	1457	18412	Sat	Hourly marker	CW	(AB)
M23	30-3	1657	5198	Sat	Hourly marker	CW	(AB)
M23	30-3	1657	18412	Sat	Hourly marker	CW	(AB)
M23	31-3	0457	5198	Sun	Hourly marker	CW	(AB)
M42	7-3	0742	16313	Tue	Russian diplo	Serdolik v2	(AB)
M42	7-3	0751	16313	Tue	Russian diplo	Serdolik v2	(AB/RO)
M42	7-3	0800	16313	Tue	Russian diplo	Serdolik v2	(AB/RO)
M42	7-3	0810	13441	Tue	Russian diplo	MFSK-66	(AB)
M42	10-3	1148	14660	Sun	Russian diplo	MFSK-66	(RO)
M42	11-3	0935	19275	Mon	Russian diplo. Selcal	Serdolik v2	(RO)
M42	11-3	0938	19275	Mon	Russian diplo	Serdolik v2	(RO)
M42	11-3	0946	19275	Mon	Russian diplo. Selcal	Serdolik v2	(RO)
M42	11-3	0953	19275	Mon	Russian diplo. Selcal	Serdolik v2	(RO)
M42	12-3	1017	20811	Tue	Russian diplo. Selcal	Serdolik v2	(RO)
M42	12-3	1019	20815	Tue	Russian diplo. Selcal	Serdolik v2	(AB/EW/RO)
M42	12-3	1020	20811	Tue	Russian diplo. Selcal	Serdolik v2	(AB/RO)
M42	12-3	1035	20815	Tue	Russian diplo. Selcal	Serdolik v2	(AB/EW)
M42	12-3	1035	20815	Tue	Russian diplo	Serdolik v2	(RO)
M42	12-3	1038	20815	Tue	Russian diplo	Serdolik v2	(AB/EW)
M42	12-3	1038	20815	Tue	Russian diplo	Serdolik v2	(RO)
M42	12-3	1044	20815	Tue	Russian diplo	Serdolik v2	(AB)
M42	12-3	1044	20815	Tue	Russian diplo	Serdolik v2	(RO)
M42	13-3	0854	11153	Wed	Russian diplo. Test	Serdolik v2	(AB)
M42	13-3	0855	11154	Wed	Russian diplo	Serdolik v2	(AB/RO)
M42	13-3	0901	10240	Wed	Russian diplo	Serdolik v2	(RO)
M42	13-3	0902	10239	Wed	Russian diplo	Serdolik v2	(RO)
M42	13-3	0910	11563	Wed	Russian diplo	Serdolik v2	(Moon)
M42	15-3	0816	14826	Fri	Russian diplo. Selcal	Serdolik v2	(AB/RO)
M42	15-3	0818	14828	Fri	Russian diplo	Serdolik v2	(AB)
M42	15-3	0834	14828	Fri	Russian diplo	Serdolik v2	(AB)
M42	19-3	0926	13401	Tue	Russian diplo	MFSK-66	(RO)
M42	19-3	0949	17457	Tue	Russian diplo	MFSK-66	(RO)
M42	19-3	1105	17443	Tue	Russian diplo	Serdolik v2	(RO)
M42	20-3	1108	17443	Wed	Russian diplo	Serdolik v2	(RO)
M42	20-3	1110	14653	Wed	Russian diplo	Serdolik v2	(RO)
M42	20-3	1111	17440	Wed	Russian diplo	Serdolik v2	(RO)
M42	20-3	1255	17435	Wed	Russian diplo	MFSK-66	(T101)
M42	20-3	1535	14725	Wed	Russian diplo	Serdolik v2	(RO)
M42	21-3	0812	16026	Tue	Russian diplo	Serdolik v2	(RO)

M42	21-3	0812	18230	Tue	Russian diplo	Serdolik v2	(RO)
M42	21-3	0817	21824	Tue	Russian diplo. Selcal	Serdolik v2	(RO)
M42	21-3	0819	14474	Tue	Russian diplo. Selcal	Serdolik v2	(RO)
M42	21-3	0821	14474	Tue	Russian diplo. Selcal	Serdolik v2	(RO)
M42	21-3	0824	21824	Tue	Russian diplo. Selcal	Serdolik v2	(RO)
M42	21-3	0827	21824	Tue	Russian diplo. Selcal	Serdolik v2	(RO)
M42	21-3	0829	14474	Tue	Russian diplo. Selcal	Serdolik v2	(RO)
M42	21-3	0833	14474	Tue	Russian diplo. Selcal	Serdolik v2	(RO)
M42	21-3	0834	21824	Tue	Russian diplo. Selcal	Serdolik v2	(RO)
M42	21-3	0836	14474	Tue	Russian diplo. Selcal	Serdolik v2	(RO)
M42	21-3	0925	20844	Tue	Russian diplo	MFSK-66	(RO)
M42	21-3	0935	18197	Tue	Russian diplo	MFSK-66	(RO)
M42	22-3	0922	14503	Fri	Russian diplo	MFSK-66	(RO)
M42	25-3	0943	19273	Mon	Russian diplo	Serdolik v2	(RO)
M42	26-3	0752	11071	Tue	Russian diplo	Serdolik v2	(RO)
M42	26-3	0756	14830	Tue	Russian diplo	Serdolik v2	(RO)
M42	26-3	1012	20811	Tue	Russian diplo	Serdolik v2	(RO)
M42	26-3	1017	20811	Tue	Russian diplo	Serdolik v2	(RO)
M42	27-3	0729	18177	Wed	Russian diplo	MFSK-66	(AB/RO)
M42	27-3	0744	17434	Wed	Russian diplo	MFSK-66	(RO)
M42	27-3	0851	12186	Wed	Russian diplo. Selcal	Serdolik v2	(AB)
M42	27-3	0857	11154	Wed	Russian diplo	Serdolik v2	(AB/RO)
M42	28-3	0756	12123	Tue	Russian diplo	MFSK-66	(AB)
M42	28-3	0800	16062	Tue	Russian diplo	Serdolik v2	(AB/RO)
M42b	12-3	1350	10352	Tue	NT9P NT9P NT9P DE K4MT K4MT K. Operator chat in CW. 10 messages in FSK 50/500	CW + FSK 50/500	(AB)
M42b	13-3	0714	10352	Wed	NT9P NT9P NT9P DE K4MT K4MT K. Header 940 100 13 0655 0405 =	CW + FSK 50/500	(AB)
M42b	13-3	0749	10352	Wed	NT9P NT9P NT9P DE K4MT K4MT K. Header 950 100 13 0730 7103 =	CW + FSK 50/500	(AB)
M42b	13-3	0839	10352	Wed	NT9P NT9P NT9P DE K4MT K4MT K. Header 135 100 1300830 7062 =	CW + FSK 50/500	(AB)
M42b	13-3	1307	10352	Wed	NT9P NT9P NT9P DE K4MT K4MT K. Header 320 100 13 1305 1857 =	CW + FSK 50/500	(AB)
M42b	14-3	1229	12212	Tue	K4MT K4MT K4MT DE NT9P NT9P K. Header 721 100 15 1230 6298 =	CW + FSK 50/500	(AB)
M42b	14-3	1230	12212	Tue	K4MT DE NT9P. Header: 589 100 14 1230 4681 =	CW + FSK 50/500	(AB)
M42b	15-3	1100	10352	Fri	NT9P NT9P NT9P DE K4MT K4MT K. Header 321 100 15 1048 2041 = .	CW + FSK 50/500	(AB)
M42b	18-3	1229	12212	Mon	K4MT K4MT K4MT DE NT9P NT9P K. Header 321 100 18 1230 6434 =	CW + FSK 50/500	(AB)
M42b	19-3	0629	14681	Tue	KFUJ RTHZLQPCAUJ GMOUYPJCKZ OOOOOOOOOOOOOOOOOOOO OOOOOOOOOOOOOOOOOOOOOOOOOOOOOO (repeated)	FSK 50/500	(AB)
M42b	19-3	0704	14681	Tue	KFUJ RTHZLQPCAUJ GMOUYPJCKZ OOOOOOOOOOOOOOOOOOOO OOOOOOOOOOOOOOOOOOOOOOOOOOOOOO (repeated)	FSK 50/500	(AB)
M42b	19-3	0707	12213	Tue	KFUJ RTHZLQPCAUJ GMOUYPJCKZ OOOOOOOOOOOOOOOOOOOO OOOOOOOOOOOOOOOOOOOOOOOOOOOOOO (repeated)	FSK 50/500	(AB)
M42b	19-3	0729	14681	Tue	KFUJ RTHZLQPCAUJ GMOUYPJCKZ OOOOOOOOOOOOOOOOOOOO OOOOOOOOOOOOOOOOOOOOOOOOOOOOOO (repeated)	FSK 50/500	(AB)

M42b	19-3	0735	12213	Tue	KFUJ RTHZLQPCAUJ GMOUYPJCKZ OOOOOOOOOOOOOOOOOOOO OOOOOOOOOOOOOOOOOOOOOOOOOOOOOO (repeated)	FSK 50/500	(AB)
M42b	19-3	0742	14681	Tue	KFUJ RTHZLQPCAUJ GMOUYPJCKZ OOOOOOOOOOOOOOOOOOOO OOOOOOOOOOOOOOOOOOOOOOOOOOOOOO (repeated)	FSK 50/500	(AB)
M42b	19-3	0745	12213	Tue	KFUJ RTHZLQPCAUJ GMOUYPJCKZ OOOOOOOOOOOOOOOOOOOO OOOOOOOOOOOOOOOOOOOOOOOOOOOOOO (repeated)	FSK 50/500	(AB)
M42b	19-3	0752	14681	Tue	KFUJ RTHZLQPCAUJ GMOUYPJCKZ OOOOOOOOOOOOOOOOOOOO OOOOOOOOOOOOOOOOOOOOOOOOOOOOOO (repeated)	FSK 50/500	(AB)
M42b	19-3	0755	12213	Tue	KFUJ RTHZLQPCAUJ GMOUYPJCKZ OOOOOOOOOOOOOOOOOOOO OOOOOOOOOOOOOOOOOOOOOOOOOOOOOO (repeated)	FSK 50/500	(AB)
M42b	19-3	0802	14681	Tue	KFUJ RTHZLQPCAUJ GMOUYPJCKZ OOOOOOOOOOOOOOOOOOOO OOOOOOOOOOOOOOOOOOOOOOOOOOOOOO (repeated)	FSK 50/500	(AB)
M42b	19-3	0805	12213	Tue	KFUJ RTHZLQPCAUJ GMOUYPJCKZ OOOOOOOOOOOOOOOOOOOO OOOOOOOOOOOOOOOOOOOOOOOOOOOOOO (repeated)	FSK 50/500	(AB)
M42b	19-3	0918	14681	Tue	KFUJ RTHZLQPCAUJ GMOUYPJCKZ OOOOOOOOOOOOOOOOOOOO OOOOOOOOOOOOOOOOOOOOOOOOOOOOOO (repeated)	FSK 50/500	(AB)
M42b	19-3	0922	12213	Tue	KFUJ RTHZLQPCAUJ GMOUYPJCKZ OOOOOOOOOOOOOOOOOOOO OOOOOOOOOOOOOOOOOOOOOOOOOOOOOO (repeated)	FSK 50/500	(AB)
M42b	19-3	0928	14681	Tue	KFUJ RTHZLQPCAUJ GMOUYPJCKZ OOOOOOOOOOOOOOOOOOOO OOOOOOOOOOOOOOOOOOOOOOOOOOOOOO (repeated)	FSK 50/500	(AB)
M42b	19-3	0932	12213	Tue	KFUJ RTHZLQPCAUJ GMOUYPJCKZ OOOOOOOOOOOOOOOOOOOO OOOOOOOOOOOOOOOOOOOOOOOOOOOOOO (repeated)	FSK 50/500	(AB)
M42b	19-3	0938	14681	Tue	KFUJ RTHZLQPCAUJ GMOUYPJCKZ OOOOOOOOOOOOOOOOOOOO OOOOOOOOOOOOOOOOOOOOOOOOOOOOOO (repeated)	FSK 50/500	(AB)
M42b	19-3	0942	12213	Tue	KFUJ RTHZLQPCAUJ GMOUYPJCKZ OOOOOOOOOOOOOOOOOOOO OOOOOOOOOOOOOOOOOOOOOOOOOOOOOO (repeated)	FSK 50/500	(AB)
M42b	19-3	1230	10352	Tue	NT9P NT9P NT9P DE K4MT K4MT K. Header: 734 100 19 1210 1730 =	CW + FSK 50/500	(AB)
M42b	19-3	1230	12212	Tue	K4MT K4MT K4MT DE NT9P NT9P K. Header: 211 100 19 1230 1415 =	CW + FSK 50/500	(AB)
M42b	19-3	1352	12212	Tue	KFUJ RTHZLQPCAUJ RTHZLQP 3/SGJCKZ OOOOOOOOOOOOOOOOOOOO (repeated)	FSK 50/500	(AB)
M42b	20-3	0818	10352	Wed	KFUJ RTHZLQPCAUJ RTHZLQPZ3/SGJCKZ OO	FSK 50/500	(AB)
M42b	20-3	0855	10352	Wed	KFUJ RTHZLQPCAUJ RTHZLQPZ3/SGJCKZ OO	FSK 50/500	(AB)
M42b	20-3	0913	10352	Wed	V NT9P NT9P NT9P DE K4MT K4MT K	CW	(AB)
M42b	20-3	1230	12212	Wed	K4MT K4MT K4MT DE NT9P NT9P K. Header 185 100 20 1230 9476 =	CW + FSK 50/500	(AB)
M42b	22-3	1225	12212	Fri	VVV VV V K4MT K4MT K4MT DE NT9P NT9P K. Header: 987 100 22 1230 5456 =	CW + FSK 50/500	(AB)
M42b	26-3	1230	12212	Tue	K4MT K4MT K4MT DE NT9P NT9P K. Header 657 100 26 1230 2134 =	FSK 50/500	(AB)
M42b	28-3	1230	12212	Tue	K4MT K4MT K4MT DE NT9P NT9P K. Header 851 100 28 1230 7145 =	CW + FSK 50/500	(AB)
M42b	29-3	1232	12212	Fri	K4MT K4MT K4MT DE NT9P NT9P K. Header 194 100 29 1230 5432 =	CW + FSK 50/500	(AB)
M51b	30-3	1536	6825	Sat	Non-stop 5 character groups composed of M51a messages	CW	(AB)
MX	7-3	1452	5156.8	Tue	Beacon L, St Petersburg	CW	(AB)
MX	7-3	1455	5590	Tue	Beacon V	CW	(AB)
MX	7-3	1539	4031	Tue	Beacon V	CW	(AB)

MX	7-3	1735	8497.8	Tue	Beacon L, St Petersburg	CW	(AB)
MX	11-3	1024	10871.7	Mon	Beacon D, Sevastopol	CW	(AB)
MX	11-3	1024	10871.8	Mon	Beacon P, Kaliningrad	CW	(AB)
MX	11-3	1024	10871.9	Mon	Beacon S, Sevromorsk	CW	(AB)
MX	11-3	1024	10872	Mon	Beacon C, Moscow	CW	(AB)
MX	11-3	1024	10872.1	Mon	Beacon A, Astrakhan	CW	(AB)
MX	11-3	1445	8494.7	Mon	Beacon D, Sevastopol	CW	(AB)
MX	11-3	1445	8494.9	Mon	Beacon S, Sevromorsk	CW	(AB)
MX	11-3	1445	8497.8	Mon	Beacon L, St Petersburg	CW	(AB)
MX	11-3	1446	16331.7	Mon	Beacon D, Sevastopol	CW	(AB)
MX	11-3	1446	16331.9	Mon	Beacon S, Sevromorsk	CW	(AB)
MX	11-3	1446	16332	Mon	Beacon C, Moscow	CW	(AB)
MX	11-3	1446	16332.1	Mon	Beacon A, Astrakhan	CW	(AB)
MX	11-3	1448	13527.7	Mon	Beacon D, Sevastopol	CW	(AB)
MX	11-3	1448	13527.9	Mon	Beacon S, Sevromorsk	CW	(AB)
MX	11-3	1511	7508.7	Mon	Beacon D, Sevastopol	CW	(AB)
MX	11-3	1511	7508.9	Mon	Beacon S, Sevromorsk	CW	(AB)
MX	11-3	1511	7509	Mon	Beacon C, Moscow	CW	(AB)
MX	11-3	1511	20047.7	Mon	Beacon D, Sevastopol	CW	(AB)
MX	11-3	1511	20047.9	Mon	Beacon S, Sevromorsk	CW	(AB)
MX	11-3	1703	4031	Mon	Beacon V (fast version)	CW	(AB-S)
MX	11-3	1703	5445	Mon	Beacon V (slow version)	CW	(AB-S)
MX	13-3	1839	4031	Wed	Beacon V (fast version)	CW	(AB-S)
MX	13-3	1839	5445	Wed	Beacon V (slow version)	CW	(AB-S)
MX	22-3	0754	7508.7	Fri	Beacon D, Sevastopol	CW	(AB)
MX	22-3	0754	7508.8	Fri	Beacon P, Kaliningrad	CW	(AB)
MX	22-3	0754	7508.9	Fri	Beacon S, Sevromorsk	CW	(AB)
MX	22-3	0755	10871.7	Fri	Beacon D, Sevastopol	CW	(AB)
MX	22-3	0755	10871.8	Fri	Beacon P, Kaliningrad	CW	(AB)
MX	22-3	0755	10871.9	Fri	Beacon S, Sevromorsk	CW	(AB)
MX	22-3	0756	13527.7	Fri	Beacon D, Sevastopol	CW	(AB)
MX	22-3	0756	13527.9	Fri	Beacon S, Sevromorsk	CW	(AB)
MX	22-3	0757	16331.7	Fri	Beacon D, Sevastopol	CW	(AB)
MX	22-3	0757	16331.9	Fri	Beacon S, Sevromorsk	CW	(AB)
MX	22-3	0757	16332	Fri	Beacon C, Moscow	CW	(AB)
MX	22-3	0757	16332.1	Fri	Beacon A, Astrakhan	CW	(AB)
MX	22-3	0758	20047.7	Fri	Beacon D, Sevastopol	CW	(AB)
MX	22-3	0758	20048.1	Fri	Beacon A, Astrakhan	CW	(AB)
P03	3-3	0530	4536	Sun	Polish intel.	PSK	(TM)
P03	3-3	0535	4536	Sun	Polish intel.	PSK	(TM)
P03	3-3	1020	6252	Sun	Polish intel.	PSK	(AB)
P03	3-3	1025	6252	Sun	Polish intel.	PSK	(AB)

P03	3-3	1515	17441	Sun	Polish intel.	PSK	(AB)
P03	3-3	1520	17441	Sun	Polish intel.	PSK	(AB)
P03	4-3	1220	22992	Mon	Polish intel.	PSK	(AB)
P03	4-3	1225	22992	Mon	Polish intel.	PSK	(AB)
P03	5-3	1725	12385	Tue	Polish intel.	PSK	(AB)
P03	5-3	1730	12385	Tue	Polish intel.	PSK	(AB)
P03	6-3	0615	19813	Wed	Polish intel.	PSK	(AB)
P03	6-3	0620	19813	Wed	Polish intel.	PSK	(AB)
P03	6-3	1310	9963	Wed	Polish intel.	PSK	(AB)
P03	6-3	1315	9963	Wed	Polish intel.	PSK	(AB)
P03	7-3	1950	7600	Tue	Polish intel.	PSK	(AB)
P03	7-3	1955	7600	Tue	Polish intel.	PSK	(AB)
P03	8-3	0530	4536	Fri	Polish intel.	PSK	(TM)
P03	8-3	0535	4536	Fri	Polish intel.	PSK	(TM)
P03	9-3	1020	6252	Sat	Polish intel.	PSK	(AB)
P03	9-3	1025	6252	Sat	Polish intel.	PSK	(AB)
P03	9-3	1245	5082	Sat	Polish intel.	PSK	(AB)
P03	9-3	1250	5082	Sat	Polish intel.	PSK	(AB)
P03	9-3	1310	9963	Sat	Polish intel.	PSK	(AB)
P03	9-3	1315	9963	Sat	Polish intel.	PSK	(AB)
P03	10-3	0530	4536	Sun	Polish intel.	PSK	(AB)
P03	10-3	0535	4536	Sun	Polish intel.	PSK	(AB)
P03	10-3	1020	6252	Sun	Polish intel.	PSK	(AB)
P03	10-3	1025	6252	Sun	Polish intel.	PSK	(AB)
P03	10-3	1100	7637	Sun	Polish intel.	PSK	(AB)
P03	10-3	1105	7637	Sun	Polish intel.	PSK	(AB)
P03	10-3	1220	22992	Sun	Polish intel.	PSK	(AB-POL)
P03	10-3	1225	22992	Sun	Polish intel.	PSK	(AB-POL)
P03	10-3	1245	5082	Sun	Polish intel.	PSK	(AB)
P03	10-3	1250	5082	Sun	Polish intel.	PSK	(AB)
P03	10-3	1515	17441	Sun	Polish intel.	PSK	(AB)
P03	10-3	1520	17441	Sun	Polish intel.	PSK	(AB)
P03	10-3	1725	12385	Sun	Polish intel.	PSK	(AB)
P03	10-3	1730	12385	Sun	Polish intel.	PSK	(AB)
P03	10-3	1950	7600	Sun	Polish intel.	PSK	(AB)
P03	10-3	1955	7600	Sun	Polish intel.	PSK	(AB)
P03	11-3	0615	19813	Mon	Polish intel.	PSK	(AB)
P03	11-3	0620	19813	Mon	Polish intel.	PSK	(AB)
P03	11-3	1220	22992	Mon	Polish intel.	PSK	(AB-POL)
P03	11-3	1225	22992	Mon	Polish intel.	PSK	(AB-POL)
P03	12-3	1100	10298	Tue	Polish intel.	PSK	(AB)
P03	12-3	1105	10298	Tue	Polish intel.	PSK	(AB)

P03	12-3	1725	12385	Tue	Polish intel.	PSK	(AB)
P03	12-3	1730	12385	Tue	Polish intel.	PSK	(AB)
P03	13-3	0615	19813	Wed	Polish intel.	PSK	(AB)
P03	13-3	0620	19813	Wed	Polish intel.	PSK	(AB)
P03	13-3	1100	10298	Wed	Polish intel.	PSK	(AB)
P03	13-3	1105	10298	Wed	Polish intel.	PSK	(AB)
P03	13-3	1310	9963	Wed	Polish intel.	PSK	(AB)
P03	13-3	1315	9963	Wed	Polish intel.	PSK	(AB)
P03	14-3	1950	7600	Tue	Polish intel.	PSK	(AB)
P03	14-3	1955	7600	Tue	Polish intel.	PSK	(AB)
P03	15-3	0530	4536	Fri	Polish intel.	PSK	(TM)
P03	15-3	0535	4536	Fri	Polish intel.	PSK	(TM)
P03	15-3	1100	7637	Fri	Polish intel.	PSK	(AB)
P03	15-3	1105	7637	Fri	Polish intel.	PSK	(AB)
P03	15-3	1515	17441	Fri	Polish intel.	PSK	(AB)
P03	15-3	1520	17441	Fri	Polish intel.	PSK	(AB)
P03	16-3	1020	6252	Sat	Polish intel.	PSK	(AB)
P03	16-3	1025	6252	Sat	Polish intel.	PSK	(AB)
P03	16-3	1245	5082	Sat	Polish intel.	PSK	(AB)
P03	16-3	1250	5082	Sat	Polish intel.	PSK	(AB)
P03	16-3	1310	9963	Sat	Polish intel.	PSK	(AB)
P03	16-3	1315	9963	Sat	Polish intel.	PSK	(AB)
P03	17-3	0530	4536	Sun	Polish intel.	PSK	(AB)
P03	17-3	0535	4536	Sun	Polish intel.	PSK	(AB)
P03	17-3	1020	6252	Sun	Polish intel.	PSK	(AB)
P03	17-3	1025	6252	Sun	Polish intel.	PSK	(AB)
P03	17-3	1100	7637	Sun	Polish intel.	PSK	(AB)
P03	17-3	1105	7637	Sun	Polish intel.	PSK	(AB)
P03	17-3	1220	22992	Sun	Polish intel.	PSK	(AB-POL)
P03	17-3	1225	22992	Sun	Polish intel.	PSK	(AB-POL)
P03	17-3	1245	5082	Sun	Polish intel.	PSK	(AB)
P03	17-3	1250	5082	Sun	Polish intel.	PSK	(AB)
P03	17-3	1515	17441	Sun	Polish intel.	PSK	(AB)
P03	17-3	1520	17441	Sun	Polish intel.	PSK	(AB)
P03	17-3	1725	12385	Sun	Polish intel.	PSK	(AB)
P03	17-3	1730	12385	Sun	Polish intel.	PSK	(AB)
P03	17-3	1950	7600	Sun	Polish intel.	PSK	(AB)
P03	17-3	1955	7600	Sun	Polish intel.	PSK	(AB)
P03	18-3	0615	19813	Mon	Polish intel.	PSK	(AB)
P03	18-3	0620	19813	Mon	Polish intel.	PSK	(AB)
P03	18-3	1220	22992	Mon	Polish intel.	PSK	(AB-POL)
P03	18-3	1225	22992	Mon	Polish intel.	PSK	(AB-POL)

P03	19-3	1100	10298	Tue	Polish intel.	PSK	(AB)
P03	19-3	1105	10298	Tue	Polish intel.	PSK	(AB)
P03	19-3	1725	12385	Tue	Polish intel.	PSK	(AB)
P03	19-3	1730	12385	Tue	Polish intel.	PSK	(AB)
P03	20-3	0615	19813	Wed	Polish intel.	PSK	(AB-POL)
P03	20-3	0620	19813	Wed	Polish intel.	PSK	(AB-POL)
P03	20-3	1100	10298	Wed	Polish intel.	PSK	(AB)
P03	20-3	1105	10298	Wed	Polish intel.	PSK	(AB)
P03	20-3	1310	9963	Wed	Polish intel.	PSK	(AB)
P03	20-3	1315	9963	Wed	Polish intel.	PSK	(AB)
P03	21-3	1950	7600	Tue	Polish intel.	PSK	(AB)
P03	21-3	1955	7600	Tue	Polish intel.	PSK	(AB)
P03	22-3	0530	4536	Fri	Polish intel.	PSK	(TM)
P03	22-3	0535	4536	Fri	Polish intel.	PSK	(TM)
P03	22-3	1100	7637	Fri	Polish intel.	PSK	(AB)
P03	22-3	1105	7637	Fri	Polish intel.	PSK	(AB)
P03	22-3	1515	17441	Fri	Polish intel.	PSK	(AB)
P03	22-3	1520	17441	Fri	Polish intel.	PSK	(AB)
P03	23-3	1020	6252	Sat	Polish intel.	PSK	(AB)
P03	23-3	1025	6252	Sat	Polish intel.	PSK	(AB)
P03	23-3	1245	5082	Sat	Polish intel.	PSK	(AB)
P03	23-3	1250	5082	Sat	Polish intel.	PSK	(AB)
P03	23-3	1310	9963	Sat	Polish intel.	PSK	(AB)
P03	23-3	1315	9963	Sat	Polish intel.	PSK	(AB)
P03	24-3	0530	4536	Sun	Polish intel.	PSK	(AB)
P03	24-3	0535	4536	Sun	Polish intel.	PSK	(AB)
P03	24-3	1020	6252	Sun	Polish intel.	PSK	(AB)
P03	24-3	1025	6252	Sun	Polish intel.	PSK	(AB)
P03	24-3	1100	7637	Sun	Polish intel.	PSK	(AB)
P03	24-3	1105	7637	Sun	Polish intel.	PSK	(AB)
P03	24-3	1220	22992	Sun	Polish intel.	PSK	(AB-POL)
P03	24-3	1225	22992	Sun	Polish intel.	PSK	(AB-POL)
P03	24-3	1245	5082	Sun	Polish intel.	PSK	(AB)
P03	24-3	1250	5082	Sun	Polish intel.	PSK	(AB)
P03	24-3	1515	17441	Sun	Polish intel.	PSK	(AB)
P03	24-3	1520	17441	Sun	Polish intel.	PSK	(AB)
P03	24-3	1725	12385	Sun	Polish intel.	PSK	(AB)
P03	24-3	1730	12385	Sun	Polish intel.	PSK	(AB)
P03	24-3	1950	7600	Sun	Polish intel.	PSK	(AB)
P03	24-3	1955	7600	Sun	Polish intel.	PSK	(AB)
P03	25-3	0615	19813	Mon	Polish intel.	PSK	(AB-POL)
P03	25-3	0620	19813	Mon	Polish intel.	PSK	(AB-POL)

P03	25-3	1220	22992	Mon	Polish intel.	PSK	(AB-POL)
P03	25-3	1225	22992	Mon	Polish intel.	PSK	(AB-POL)
P03	26-3	1100	10298	Tue	Polish intel.	PSK	(AB)
P03	26-3	1105	10298	Tue	Polish intel.	PSK	(AB)
P03	26-3	1725	12385	Tue	Polish intel.	PSK	(AB)
P03	26-3	1730	12385	Tue	Polish intel.	PSK	(AB)
P03	27-3	0615	19813	Wed	Polish intel.	PSK	(AB-POL)
P03	27-3	0620	19813	Wed	Polish intel.	PSK	(AB-POL)
P03	27-3	1100	10298	Wed	Polish intel.	PSK	(AB)
P03	27-3	1105	10298	Wed	Polish intel.	PSK	(AB)
P03	27-3	1310	9963	Wed	Polish intel.	PSK	(AB)
P03	27-3	1315	9963	Wed	Polish intel.	PSK	(AB)
P03	28-3	1950	7600	Tue	Polish intel.	PSK	(AB)
P03	28-3	1955	7600	Tue	Polish intel.	PSK	(AB)
P03	29-3	0530	4536	Fri	Polish intel.	PSK	(TM)
P03	29-3	0535	4536	Fri	Polish intel.	PSK	(TM)
P03	29-3	1100	7637	Fri	Polish intel.	PSK	(AB)
P03	29-3	1105	7637	Fri	Polish intel.	PSK	(AB)
P03	29-3	1515	17441	Fri	Polish intel.	PSK	(AB)
P03	29-3	1520	17441	Fri	Polish intel.	PSK	(AB)
P03	30-3	1020	6252	Sat	Polish intel.	PSK	(AB)
P03	30-3	1025	6252	Sat	Polish intel.	PSK	(AB)
P03	30-3	1245	5082	Sat	Polish intel.	PSK	(AB)
P03	30-3	1250	5082	Sat	Polish intel.	PSK	(AB)
P03	30-3	1310	9963	Sat	Polish intel.	PSK	(AB)
P03	30-3	1315	9963	Sat	Polish intel.	PSK	(AB)
P03	31-3	0530	4536	Sun	Polish intel.	PSK	(AB)
P03	31-3	0535	4536	Sun	Polish intel.	PSK	(AB)
P03	31-3	1020	6252	Sun	Polish intel.	PSK	(AB)
P03	31-3	1025	6252	Sun	Polish intel.	PSK	(AB)
P03	31-3	1100	7637	Sun	Polish intel.	PSK	(AB)
P03	31-3	1105	7637	Sun	Polish intel.	PSK	(AB)
P03	31-3	1245	5082	Sun	Polish intel.	PSK	(AB)
P03	31-3	1250	5082	Sun	Polish intel.	PSK	(AB)
P03	31-3	1515	17441	Sun	Polish intel.	PSK	(AB)
P03	31-3	1520	17441	Sun	Polish intel.	PSK	(AB)
P03	31-3	1725	12385	Sun	Polish intel.	PSK	(AB)
P03	31-3	1730	12385	Sun	Polish intel.	PSK	(AB)
P03	31-3	1950	7600	Sun	Polish intel.	PSK	(AB)
P03	31-3	1955	7600	Sun	Polish intel.	PSK	(AB)
P03g	5-3	1800	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5-3	1805	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)

P03g	7-3	1800	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7-3	1805	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	12-3	1800	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	12-3	1805	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	14-3	1800	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	14-3	1805	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	19-3	1800	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	19-3	1805	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	21-3	1800	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	21-3	1805	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	26-3	1800	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	26-3	1805	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	28-3	1800	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	28-3	1805	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03i	12-3	0430	10210	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	12-3	0435	10210	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	14-3	0430	10210	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	14-3	0435	10210	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	19-3	0430	10210	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	19-3	0435	10210	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	21-3	0430	10210	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	21-3	0435	10210	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	26-3	0430	10210	Tue	Polish intel.	BPSK 100Bd/512bp	(TM)
P03i	26-3	0435	10210	Tue	Polish intel.	BPSK 100Bd/512bp	(TM)
P03i	28-3	0430	10210	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	28-3	0435	10210	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03k	6-3	1730	6767	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-3	1735	6767	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9-3	0630	9052	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9-3	0630	9052	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9-3	1230	18811	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9-3	1235	18811	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9-3	1730	6767	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9-3	1735	6767	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10-3	0622	9052	Sun	Polish intel. Distorted audio. sent by error?	BPSK 100Bd/480bp	(AB)
P03k	10-3	0630	9052	Sun	Polish intel. Distorted audio	BPSK 100Bd/480bp	(AB)
P03k	10-3	0635	9052	Sun	Polish intel. Distorted audio	BPSK 100Bd/480bp	(AB)
P03k	12-3	1230	18811	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-3	1235	18811	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-3	1730	6767	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-3	1735	6767	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-3	0630	9052	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	16-3	0630	9052	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-3	1730	6767	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-3	1735	6767	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-3	0630	9052	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-3	0635	9052	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-3	1230	18811	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-3	1235	18811	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-3	1730	6767	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-3	1735	6767	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-3	0630	9052	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-3	0635	9052	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-3	1730	6767	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-3	1735	6767	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-3	0630	9052	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-3	0635	9052	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-3	1230	18811	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-3	1235	18811	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-3	1730	6767	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-3	1735	6767	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-3	0630	9052	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-3	0635	9052	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-3	1230	18811	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-3	1235	18811	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-3	1730	6767	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-3	1735	6767	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-3	0630	9052	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-3	0635	9052	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03I	6-3	1345	13470	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	6-3	1350	13470	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7-3	1200	9052	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7-3	1205	9052	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	11-3	1200	9052	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	11-3	1205	9052	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	13-3	1345	13470	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	13-3	1350	13470	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	14-3	1200	9052	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	14-3	1205	9052	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	18-3	1200	9052	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	18-3	1205	9052	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	20-3	1345	13470	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	20-3	1350	13470	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	21-3	1200	9052	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)

P03I	21-3	1205	9052	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	22-3	1345	13470	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	22-3	1350	13470	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	25-3	1200	9052	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	25-3	1205	9052	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	27-3	1345	13470	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	27-3	1350	13470	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	28-3	1200	9052	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	28-3	1205	9052	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	29-3	1345	13470	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	29-3	1350	13470	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P07	3-3	1500	10328	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	3-3	1510	9388	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	3-3	1520	9062	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	3-3	1530	8134	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	3-3	1540	7886	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	3-3	1550	7462	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	6-3	1500	10328	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	6-3	1510	9388	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	6-3	1520	9062	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	6-3	1530	8134	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	6-3	1540	7886	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	6-3	1550	7462	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	10-3	1500	10328	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	10-3	1510	9388	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	10-3	1520	9062	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	10-3	1530	8134	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	10-3	1540	7886	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	10-3	1550	7462	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	13-3	1500	10328	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	13-3	1510	9388	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	13-3	1520	9062	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	13-3	1530	8134	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	13-3	1540	7886	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	13-3	1550	7462	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	17-3	1500	10328	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	17-3	1510	9388	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	17-3	1520	9062	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	17-3	1530	8134	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	17-3	1540	7886	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	17-3	1550	7462	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	20-3	1500	10328	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)

P07	20-3	1510	9388	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	20-3	1520	9062	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	20-3	1530	8134	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	20-3	1540	7886	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	20-3	1550	7462	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	24-3	1500	10328	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	24-3	1510	9388	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	24-3	1520	9062	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	24-3	1530	8134	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	24-3	1540	7886	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	24-3	1550	7462	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	27-3	1500	10328	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	27-3	1510	9388	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	27-3	1520	9062	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	27-3	1530	8134	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	27-3	1540	7886	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	27-3	1550	7462	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	31-3	1500	10328	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	31-3	1510	9388	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	31-3	1520	9062	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	31-3	1530	8134	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	31-3	1540	7886	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	31-3	1550	7462	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
Q26	20-3	0646	20120	Wed	2QD2 2VSSWHIB 4WVB QSA? /// 2QS2 211DE 4WVB 4WVB 4YVB2QS2 2QS2 2QS2 DE 4WVB 4WVB	4+4 QPSK 75/3000 LSB	(EW)
S06	1-3	0400	11616	Fri	480:0 via KiwiSDR J	USB	(HFD-J)
S06	1-3	0420	9322	Fri	480:0 via KiwiSDR J	USB	(HFD-J)
S06	1-3	2000	9925	Fri	842 842 842 00000	USB	(Lac/HFD)
S06	1-3	2100	7495	Fri	842:0	USB	(HFD)
S06	1-3	2100	7495	Fri	842 842 842 00000	USB	(Lac/HFD)
S06	2-3	1600	9463	Sat	480 637 45 54834 21584 54234 ... 53247 37507 32827 637 45 00000	USB	(AB/HFD)
S06	3-3	0730	12093	Sun	480 637 45 54834 21584 54234 ... 53247 37507 32827 637 45 00000	USB	(AB/HFD)
S06	3-3	0800	10212	Sun	480 637 45 54834 21584 54234 ... 53247 37507 32827 637 45 00000	USB	(AB/HFD)
S06	4-3	0400	11616	Mon	480 726 51 19221 29368 55909 ... 69605 60589 24533 726 51 00000	USB	(Priyom)
S06	4-3	0420	9322	Mon	480 726 51 19221 29368 55909 ... 69605 60589 24533 726 51 00000	USB	(Priyom)
S06	5-3	0400	11616	Tue	480 726 51 19221 29368 55909 ... 69605 60589 24533 726 51 00000	USB	(Priyom)
S06	5-3	0420	9322	Tue	480 726 51 19221 29368 55909 ... 69605 60589 24533 726 51 00000	USB	(Priyom)
S06	6-3	0400	11616	Wed	480 539 26 82653 39029 63391 ... 40178 94236 23412 539 26 480 176 32 16961 09138 67189... 52696 66469 72247 176 32 00000	USB	(Priyom)
S06	6-3	0420	9322	Wed	480 539 26 82653 39029 63391 ... 40178 94236 23412 539 26 480 176 32 16961 09138 67189... 52696 66469 72247 176 32 00000	USB	(Priyom)
S06	6-3	0930	13547	Wed	480 195 43 09850 39720 83058 ... 76353 23210 59435 195 43 00000	USB	(AB-S/HFD/Lac)

S06	6-3	1030	12093	Wed	480 195 43 09850 39720 83058 ... 76353 23210 59435 195 43 00000	USB	(AB-S/HFD/Lac)
S06	7-3	0400	11616	Tue	480 539 26 82653 39029 63391 ... 40178 94236 23412 539 26 480 176 32 16961 09138 67189... 52696 66469 72247 176 32 00000	USB	(Priyom)
S06	7-3	0420	9322	Tue	480 539 26 82653 39029 63391 ... 40178 94236 23412 539 26 480 176 32 16961 09138 67189... 52696 66469 72247 176 32 00000	USB	(Priyom)
S06	11-3	0400	11616	Mon	480 352 57 37694 52152 52177 ... 30636 55309 03984 352 57 00000	USB	(Priyom)
S06	11-3	0420	9322	Mon	480 352 57 37694 52152 52177 ... 30636 55309 03984 352 57 00000	USB	(Priyom)
S06	12-3	0400	11616	Tue	480 352 57 37694 52152 52177 ... 30636 55309 03984 352 57 00000	USB	(Priyom)
S06	12-3	0420	9322	Tue	480 352 57 37694 52152 52177 ... 30636 55309 03984 352 57 00000	USB	(Priyom)
S06	13-3	0400	11616	Wed	480 197 19 07097 12247 33206 ... 23529 93568 39465 197 19 480 263 39 09181 07303 03728 ... 14722 62986 17575 263 39 00000	USB	(Priyom)
S06	13-3	0420	9322	Wed	480 197 19 07097 12247 33206 ... 23529 93568 39465 197 19 480 263 39 09181 07303 03728 ... 14722 62986 17575 263 39 00000	USB	(Priyom)
S06	13-3	0930	13547	Wed	480 915 48 62712 83482 57079 ... 73201 46860 70168 915 48 00000	USB	(AB)
S06	13-3	0930	13547	Wed	480 915 48	USB	(Lac)
S06	13-3	1030	12093	Wed	480 915 48 62712 83482 57079 ... 73201 46860 70168 915 48 00000	USB	(AB)
S06	13-3	1030	12093	Wed	480 915 48	USB	(Lac)
S06	14-3	0400	11616	Tue	480 197 19 07097 12247 33206 ... 23529 93568 39465 197 19 480 263 39 09181 07303 03728 ... 14722 62986 17575 263 39 00000	USB	(Priyom)
S06	14-3	0420	9322	Tue	480 197 19 07097 12247 33206 ... 23529 93568 39465 197 19 480 263 39 09181 07303 03728 ... 14722 62986 17575 263 39 00000	USB	(Priyom)
S06	15-3	0400	11616	Fri	480 480 480 00000	USB	(Priyom)
S06	15-3	0420	9322	Fri	480 480 480 00000	USB	(Priyom)
S06	15-3	2000	9925	Fri	842 842 842 00000	USB	(AB)
S06	15-3	2100	7495	Fri	842 842 842 00000	USB	(AB)
S06	16-3	1600	9463	Sat	480 632 41 92616 14914 64186 ... 70137 17260 16830 632 41 00000	USB	(AB)
S06	17-3	0730	12093	Sun	480 632 41 92616 14914 64186 ... 70137 17260 16830 632 41 00000	USB	(AB)
S06	17-3	0800	10212	Sun	480 632 41 92616 14914 64186 ... 70137 17260 16830 632 41 00000	USB	(AB)
S06	18-3	0400	11616	Mon	480 915 58 20620 45836 56524 ... 83153 91718 60957 915 58 00000	USB	(Priyom)
S06	18-3	0420	9322	Mon	480 915 58 20620 45836 56524 ... 83153 91718 60957 915 58 00000	USB	(Priyom)
S06	19-3	0400	11616	Tue	480 915 58 20620 45836 56524 ... 83153 91718 60957 915 58 00000	USB	(Priyom)
S06	19-3	0420	9322	Tue	480 915 58 20620 45836 56524 ... 83153 91718 60957 915 58 00000	USB	(Priyom)
S06	19-3	1500	14913	Tue	387 456 28 26382 65464 62419 ... 51434 05468 25445 456 28 00000	USB	(AB/HFD/Lac)
S06	19-3	1500	14913	Tue	387 456 28 26382 65464 62419 ... 51434 05468 25445 456 28 00000	USB	(AB/PY)
S06	19-3	1600	10387	Tue	387 456 28 26382 65464 62419 ... 51434 05468 25445 456 28 00000	USB	(AB/HFD/Lac)
S06	19-3	1600	10387	Tue	387 456 28 26382 65464 62419 ... 51434 05468 25445 456 28 00000	USB	(AB/PY)
S06	20-3	1325	15643	Wed	583 176 24 65195 45370 51925 ... 35762 98646 31528176 24 00000	USB	(EL)
S06	20-3	1425	12176	Wed	583 176 24 65195 45370 51925 ... 35762 98646 31528176 24 00000	USB	(EL/Lac)
S06	25-3	0400	11616	Mon	480 716 52 97977 27447 17043 ... 78877 74024 75674 716 52 00000	USB	(Priyom)
S06	25-3	0420	9322	Mon	480 716 52 97977 27447 17043 ... 78877 74024 75674 716 52 00000	USB	(Priyom)
S06	26-3	0400	11616	Tue	480 716 52 97977 27447 17043 ... 78877 74024 75674 716 52 00000	USB	(Priyom)
S06	26-3	0420	9322	Tue	480 716 52 97977 27447 17043 ... 78877 74024 75674 716 52 00000	USB	(Priyom)

S06	27-3	0400	11616	Wed	480 325 29 21788 14278 46679 ... 46509 66567 45235 325 29 480 167 25 73396 71785 88803 ... 29025 37905 06039 167 25 00000	USB	(Priyom)
S06	27-3	0420	9322	Wed	480 325 29 21788 14278 46679 ... 46509 66567 45235 325 29 480 167 25 73396 71785 88803 ... 29025 37905 06039 167 25 00000	USB	(Priyom)
S06	27-3	0930	13547	Wed	480 923 46 57410 18070 96290 ... 72872 90839 89506 923 46 00000	USB	(AB/Lac)
S06	27-3	1030	12093	Wed	480 923 46 57410 18070 96290 ... 72872 90839 89506 923 46 00000	USB	(AB/Lac)
S06	28-3	0400	11616	Tue	480 325 29 21788 14278 46679 ... 46509 66567 45235 325 29 480 167 25 73396 71785 88803 ... 29025 37905 06039 167 25 00000	USB	(Priyom)
S06	28-3	0420	9322	Tue	480 325 29 21788 14278 46679 ... 46509 66567 45235 325 29 480 167 25 73396 71785 88803 ... 29025 37905 06039 167 25 00000	USB	(Priyom)
S06	29-3	0400	11616	Fri	480 480 480 00000	USB	(Priyom)
S06	29-3	0420	9322	Fri	480 480 480 00000	USB	(Priyom)
S06	30-3	1600	9463	Sat	480 761 44 25362 92681 31347 28402 ... 03852 83654 46575 761 44 0000	USB	(AB)
S06	31-3	0730	12093	Sun	480 761 44 25362 92681 31347 28402 ... 03852 83654 46575 761 44 0000	USB	(AB)
S06	31-3	0800	10212	Sun	480 761 44 25362 92681 31347 28402 ... 03852 83654 46575 761 44 0000	USB	(AB)
S06c	20-3	1022	20714	Wed	11038 (R4m)	USB	(qsr711)
S06c	20-3	1035	20714	Wed	11038 (R4m)	USB	(PY)
S06c	20-3	1045	17521	Wed	11038 (R4m)	USB	(AB/PY)
S06c	22-3	0635	14482	Fri	11097 (R4m)	USB	(PY)
S06c	22-3	0645	12214	Fri	11097 (R4m)	USB	(kalv)
S06g	19-3	1400	19948	Tue	539 539 539 60199 764 21 67156 04241 69230 ... 15313 43887 38993 764 21 00000	USB	(PY)
S06g	19-3	1500	17156	Tue	539 539 539 60199 764 21 67156 04241 69230 ... 15313 43887 38993 764 21 00000	USB	(PY)
S06g	20-3	1400	19948	Wed	539 539 539 60199 764 21 67156 04241 69230 ... 15313 43887 38993 764 21 00000	USB	(AB-S/PY)
S06g	20-3	1500	17156	Wed	539 539 539 60199 764 21 67156 04241 69230 ... 15313 43887 38993 764 21 00000	USB	(AB/PY)
S06g	20-3	1500	17516	Wed	539 60199 764 21 67156 04241 69230 ... 15313 43887 38993 764 21 00000	USB	(Lac)
S06g	27-3	1320	9960	Wed	910 11111 458 21 01283 58879 30984 ... 01533 59736 87363 458 21 910 367 20 20237 61764 02631 ... 81074 42261 43728 367 20 00000	USB	(kalv)
S11a	1-3	0725	21854	Fri	381/00 Konets	USB	(AB/HFD)
S11a	1-3	0915	6480	Fri	480/00 Konets	USB	(AB/HFD)
S11a	1-3	1400	11420	Fri	420/00 Konets	USB	(AB/HFD)
S11a	2-3	0830	6433	Sat	377/00 Konets	USB	(AB/HFD)
S11a	2-3	1850	10213	Sat	284/00 Konets	USB	(AB/HFD)
S11a	3-3	0830	6433	Sun	376/00 Konets	USB	(AB)
S11a	4-3	0510	23004	Mon	656/31 Vnimanije 71769 86116 87277 ... 49695 42083 45618 Vnimanije [msg rptd] Konets	USB	(Lac/HFD)
S11a	4-3	0700	8597	Mon	472/00 Konets	USB	(AB/HFD)
S11a	4-3	0915	6480	Mon	487/36 Vnimanije 15976 77543 86097 ... 27258 69555 88496 Vnimanije (msg rptd) Konets	USB	(AB/Lac)
S11A	5-3	0445	10728	Tue	798/00	USB	(HFD)
S11a	5-3	1400	11420	Tue	427/00 Konets	USB	(AB/HFD)
S11a	6-3	0725	21854	Wed	387/00 Konets	USB	(AB)
S11a	6-3	1850	10213	Wed	281/00 Konets	USB	(AB)
S11a	7-3	0700	8597	Tue	470/00 Konets	USB	(AB)
S11a	8-3	0725	21854	Fri	383/00 Konets	USB	(AB-POL)

S11a	8-3	0915	6480	Fri	487/36 Vnimanaye 15976 77543 86097 ... 27258 69555 88496 Vnimanaye (msg rptd) Konets	USB	(AB)
S11a	8-3	1400	11420	Fri	426/00 Konets	USB	(AB)
S11a	9-3	0830	6433	Sat	376/00 Konets	USB	(AB)
S11a	9-3	1850	10213	Sat	284/00 Konets	USB	(AB)
S11a	10-3	0830	6433	Sun	377/00 Konets	USB	(AB)
S11a	11-3	0700	8597	Mon	476/00 Konets	USB	(AB)
S11a	11-3	0915	6480	Mon	482/00 Konets	USB	(AB/Lac)
S11a	12-3	0445	10728	Tue	799/00 konets	USB	(TM)
S11a	12-3	1400	11420	Tue	422/00 Konets	USB	(AB)
S11a	13-3	1850	10213	Wed	287/00 Konets	USB	(AB)
S11a	14-3	0445	10728	Tue	790/00 Konets	USB	(TM)
S11a	14-3	0700	8597	Tue	478/00 Konets	USB	(AB)
S11a	15-3	0725	21854	Fri	382/00 Konets	USB	(AB-POL)
S11a	15-3	0915	6480	Fri	481/00 Konets	USB	(AB)
S11a	15-3	1400	11420	Fri	429/00 Konets	USB	(AB)
S11a	16-3	0830	6433	Sat	377/00 Konets	USB	(AB)
S11a	16-3	1850	10213	Sat	288/00 Konets	USB	(AB)
S11a	17-3	0830	6433	Sun	370/00 Konets	USB	(AB)
S11a	18-3	0700	8597	Mon	472/36 Vnimanaye 14741 83202 47018 ... 82999 60428 02621 Vnimanaye (msg rptd) Konets	USB	(AB)
S11a	18-3	0915	6480	Mon	485/00 Konets	USB	(AB)
S11a	19-3	0445	10728	Tue	799/38 Vnimanaye 77901 00024 48427 ... 15819 33068 93790 Vnimanaye (msg rptd) Konets	USB	(AB)
S11a	19-3	1400	11420	Tue	427/34 Vnimanaye 10407 88086 64942 ... 76868 87992 25346 Vnimanaye (msg rptd) Konets	USB	(AB)
S11a	20-3	0725	21854	Wed	384/37 Vnimanaye 09538 80100 38941 ... 10947 84808 29484 Vnimanaye (msg rptd) Konets	USB	(Lac)
S11a	20-3	1850	10213	Wed	288/39 Vnimanaye 27132 23855 38777 ... 57847 65465 86452 Vnimanaye (msg rptd) Konets	USB	(AB/Lac)
S11a	21-3	0445	10728	Tue	799/38 Vnimanaye 77901 00024 48427 ... 15819 33068 93790 Vnimanaye (msg rptd) Konets	USB	(TM)
S11a	21-3	0700	8597	Tue	472/36 Vnimanaye 14741 83202 47018 ... 82999 60428 02621 Vnimanaye (msg rptd) Konets	USB	(AB/Lac)
S11a	22-3	0725	21854	Fri	384/37 Vnimanaye 09538 80100 38941 ... 10947 84808 29484 Vnimanaye (msg rptd) Konets	USB	(AB-POL)
S11a	22-3	0725	21854	Fri	384/37 Vnimanaye 09538 80100 38941 ... 10947 84808 29484 Vnimanaye (msg rptd) Konets	USB	(AB-POL/Lac)
S11a	22-3	0915	6480	Fri	482/00 Konets	USB	(AB)
S11a	22-3	1400	11420	Fri	427/34 Vnimanaye 10407 88086 64942 ... 76868 87992 25346 Vnimanaye (msg rptd) Konets	USB	(AB)
S11a	23-3	0830	6433	Sat	372/31 Vnimanaye 60259 21137 49032 ... 91721 26948 29231 Vnimanaye (msg rptd) Konets	USB	(AB)
S11a	23-3	1850	10213	Sat	288/39 Vnimanaye 27132 23855 38777 ... 57847 65465 86452 Vnimanaye (msg rptd) Konets	USB	(AB/Lac)
S11a	24-3	0830	6433	Sun	372/31 Vnimanaye 60259 21137 49032 ... 91721 26948 29231 Vnimanaye (msg rptd) Konets	USB	(AB)
S11a	25-3	0700	8597	Mon	478/00 Konets	USB	(AB-POL)
S11a	25-3	0915	6480	Mon	483/00 Konets	USB	(AB-POL)
S11a	26-3	0445	10728	Tue	793/00 Konets	USB	(AB)
S11a	26-3	1400	11420	Tue	425/00 Konets	USB	(AB/Lac)
S11a	27-3	0725	21854	Wed	389/00 Konets	USB	(AB-KWT)
S11a	27-3	1850	10213	Wed	284/00 Konets	USB	(AB-POL)
S11a	28-3	0445	10728	Tue	799/00 Konets	USB	(TM)
S11a	28-3	0700	8597	Tue	477/00 Konets	USB	(AB)
S11a	29-3	0725	21854	Fri	389/00 Konets	USB	(AB-POL)

S11a	29-3	0915	6480	Fri	484/00 Konets	USB	(AB)
S11a	29-3	1400	11420	Fri	427/00 Konets	USB	(AB)
S11a	30-3	0830	6433	Sat	372/00 Konets	USB	(AB)
S11a	30-3	1850	10213	Sat	286/00 Konets	USB	(AB)
S11a	31-3	0830	6433	Sun	377/00 Konets	USB	(AB)
S28	1-3	1820	4625	Fri	Buzzer channel marker	USB	(AB)
S28	5-3	1712	4625	Tue	Buzzer channel marker	USB	(AB)
S28	7-3	1643	4625	Tue	Buzzer channel marker	USB	(AB)
S28	11-3	1715	4625	Mon	Buzzer channel marker	USB	(AB)
S28	13-3	1838	4625	Wed	Buzzer channel marker	USB	(AB)
S30	1-3	1623	5780	Fri	New Pip channel marker	USB	(AB)
S30	1-3	1814	3363.5	Fri	Pip channel marker	USB	(AB)
S30	1-3	1814	3756	Fri	Pip channel marker	USB	(AB)
S30	3-3	1714	3756	Sun	Pip channel marker	USB	(AB)
S30	3-3	1714	5780	Sun	New Pip channel marker	USB	(AB)
S30	5-3	1710	3756	Tue	Pip channel marker	USB	(AB)
S30	5-3	1710	6218	Tue	New Pip channel marker	USB	(AB)
S30	5-3	1711	3363.5	Tue	Pip channel marker	USB	(AB-S)
S30	5-3	1930	6930	Tue	New Pip channel marker	CW	(LK)
S30	7-3	1446	5448	Tue	Pip channel marker	USB	(AB)
S30	11-3	1708	3756	Mon	Pip channel marker	USB	(AB)
S30	13-3	1835	3756	Wed	Pip channel marker	USB	(AB)
S32	7-3	1652	3363.5	Tue	Pip channel marker	USB	(AB)
S32	11-3	1708	3363.5	Mon	Pip channel marker	USB	(AB)
S32	13-3	1830	3363.5	Wed	Message followed by the Pip channel marker	USB	(AB)
UM04	3-3	0800	4735	Sun	VVVVV PROMRCh = 0303 = 1000 1070 1120 1300 1840 ... 0800 0790 0840 1000 1500 = AR	CW	(AB-ROU)
UM04	4-3	0800	4735	Mon	VVV VVV PROMRCh = 04 03 = 1000 1060 1110 1290 1830 ... 0800 0790 0840 1000 1450 = AR	CW	(AB-HNG)
UM04	5-3	0800	4735	Tue	VVV VVV PROMRCh = 05 03 = 1000 1060 1110 1280 1820 ... 0800 0800 0840 1000 1450 = AR	USB	(AB-HNG)
UM04	6-3	0800	4735	Wed	VVV VVV PROMRCh = 06 03 = 1000 1050 1100 1270 1810 ... 0800 0790 0840 1000 1450 = AR	CW	(AB-HNG)
UM04	8-3	0800	4735	Fri	VVV VVV PROMRCh = 08 03 = 1000 1030 1080 1250 1770 ... 0800 0790 0840 0990 1440 = AR	CW	(AB-ROU)
UM04	10-3	0800	4735	Sun	VVV VVV PROMRCh = 10 03 = 1000 1020 1070 1230 1750 ... 0800 0790 0830 0990 1440 = AR	CW	(AB-HNG)
UM04	11-3	0800	4735	Mon	VVVVV PROMRCh = 1103 = 1000 1010 1060 1230 1740 ... 0800 0790 0830 0990 1440 = AR	CW	(AB-HNG)
UM04	12-3	0800	4735	Tue	VVV VVV PROMRCh = 12 03 = 1000 1000 1050 1220 1730 ... 0800 0790 0830 0990 1430 = AR	USB	(AB-ROU)
UM04	13-3	0800	4735	Wed	VVV VVV PROMRCh = 13 03 = 1000 1010 1050 1220 1720 ... 0800 0790 0830 0990 1430 = AR	CW	(AB-HNG)
UM04	14-3	0805	4735	Tue	i.p. 1200 1360 1890 ... 0800 0790 0830 0990 1430 = AR	CW	(AB)
UM04	15-3	0800	4735	Fri	VVV VVV PROMRCh = 15 03 = 1000 1010 1050 1220 1710 ... 0800 0790 0840 0990 1430 = AR	CW	(AB-ROU)
UM04	16-3	0800	4735	Sat	VVV VVV PROMRCh = 16 03 = 1000 1010 1050 1210 1710 ... 0800 0790 0840 0990 1440 = AR	CW	(AB-HNG)
UM04	17-3	0800	4735	Sun	VVVVV PROMRCh = 1703 = 1000 1000 1050 1210 1690 ... 0800 0790 0840 0990 1430 = AR	CW	(AB-HNG)
UM04	18-3	0800	4735	Mon	VVV VVV PROMRCh = 18 03 = 1000 0990 1040 1190 1670 ... 0800 0790 0830 0980 1430 = AR	CW	(AB-HNG)
UM04	19-3	0800	4735	Tue	VVV VVV PROMRCh = 19 03 = 1000 0990 1030 1190 1670 ... 0800 0780 0830 0980 1420 = AR	USB	(AB-ROU)
UM04	20-3	0800	4735	Wed	VVV VVV PROMRCh = 20 03 = (too weak to copy)	CW	(AB-HNG)
UM04	21-3	0800	4735	Tue	VVVVV PROMRCh = 21 03 = 1000 0990 1030 1180 1650 ... 0800 0790 0830 0990 1430 = AR	CW	(AB)

UM04	22-3	0800	4735	Fri	VVV VVV PROMRCh = 22 03 = 1000 0990 1040 1190 1670 ... 0800 0790 0840 0990 1430 = AR	CW	(AB-HNG)
UM04	23-3	0804	4735	Sat	i.p. partly unreadable 0600 0450 0470 0520 0710 ... 0800 0790 0840 0990 1430 = AR	CW	(AB-HNG)
UM04	24-3	0800	4735	Sun	VVV VVV PROMRCh = 24 03 = 1000 1000 1050 1200 1670 ... 0800 0800 0840 0990 1440 = AR	CW	(AB-HNG)
UM04	25-3	0800	4735	Mon	VVV VVV PROMRCh = 25 03 = 1000 1010 1060 1210 1690 ... 0800 0800 0850 1000 1440 = AR	CW	(AB-ROU)
UM04	26-3	0800	4735	Tue	VVV VVV PROMRCh = 26 03 = 1000 1020 1060 1210 1690 ... 0800 0810 0850 1010 1450 = AR	USB	(AB-HNG)
UM04	27-3	0800	4735	Wed	VVV VVV PROMRCh = 27 03 = 1000 1010 1050 1200 1680 ... 0800 0800 0850 1000 1440 = AR	CW	(AB-ROU)
UM04	28-3	0800	4735	Tue	VVV VVV PROMRCh = 28 03 = 1000 1010 1050 1210 1690 ... 1800 0800 0850 1000 1450 = AR	CW	(AB-HNG)
UM04	29-3	0800	4735	Fri	VVV VVV PROMRCh = 29 03 = 1000 1010 1060 1210 1690 ... 0800 0800 0850 1010 1440 = AR	CW	(AB-HNG)
UM04	30-3	0800	4735	Sat	VVV VVV PROMRCh = 30 03 = 1000 1020 1060 1210 1670 ... 0800 0810 0850 1010 1450 = AR	CW	(AB-HNG)
UM04	31-3	0700	4735	Sun	VVVVV PROMRCh = 31 03 = 1000 1020 1060 1220 1700 ... 0800 0810 0860 1010 1460 = AR. Changed to daylight saving time	CW	(AB-HNG)
UM05	1-3	2119	5345.8	Fri	i.p. pomme forest nuage dom ice lune (R), chaise forest fish flower sky lune (R)	CW	(AB)
UM05	2-3	0627	5345.8	Sat	i.p. eau book earth moon soleil ciel (R), apple pluie neige vent pluie chaise (R)	CW	(AB)
UM05	3-3	0807	5345.8	Sun	i.p. eau book earth moon soleil ciel (R), sable feu table mer pluie house (R)	CW	(AB)
UM05	4-3	0608	5345.8	Mon	i.p. eau book earth moon soleil ciel (R), sable feu table air pluie house (R), ciel chien maison car car (R)	CW	(AB)
UM05	5-3	0602	5345.8	Tue	i.p. eau book earth moon soleil ciel (R), table wind foret fleur sable fire (R)	CW	(AB-F)
UM05	6-3	1711	5345.8	Wed	i.p. eau book earth moon soleil ciel (R), mer sea dog feu tree sea (R)	CW	(AB)
UM05	7-3	0604	5345.8	Tue	i.p. chien fish book house terre moon (R), lune mer star earth fish ciel (R)	CW	(AB)
UM05	8-3	1830	5345.8	Fri	i.p. mer sea dog feu tree sea (R), forest earth ice star riviere river (R), cat tree cloud chat arbre nuage (R)	CW	(AB)
UM05	9-3	0703	5345.8	Sat	i.p. sun soleil flower maison rain mountain (R), arbre star chat flower river montagne (R)	CW	(AB)
UM05	10-3	0618	5345.8	Sun	i.p. moon livre tiviere ice vent cat (R), mountain table snow ciel sable sea (R)	CW	(AB)
UM05	11-3	0608	5345.8	Mon	i.p. soleil table neige chien sable oiseau (R), lune mer star earth fish ciel (R)	CW	(AB)
UM05	12-3	0607	5345.8	Tue	i.p. neige book river book foret sable (R), flower house montagne mountain rain flower (R)	CW	(AB-D)
UM05	13-3	0708	5345.8	Wed	i.p. XXWC IDZC RFXN FUFA UEGZ ZJXL LPND RDCE MUWA IFLZ BSTN BVWO etc	CW	(AB)
UM05	14-3	0105	5345.8	Tue	HROA BLLK YDJ UFAW GZFE CJEH SPZG FUAT PPUK FJSJ VWGM IBLE HBLK JPYK DBHR HUMB RXID OEGL QDCE	CW	(WN)
UM05	14-3	0617	5345.8	Tue	i.p. BUBM BVWX CIVC HAZD BLUL ZHFF NJAE WLFS ZQMU DCQL LREH etc	CW	(AB)
UM05	15-3	0611	5345.8	Fri	i.p. ZBUQ IPOB SLLL RZIH TKFK NDXA BEHW BVWB etc.	CW	(AB)
UM05	15-3	1956	10380.8	Fri	i.p. QWGW UXID DJGF OBCH ULDR LVRL UDLZ WEFI CZAR etc.	CW	(AB)
UM05	16-3	0619	10380.8	Sat	i.p. ISMH LAWH JELI UXQL WVEJ CGGW LBWJ IBHC MJTN FMEO MRLK etc.	CW	(AB-S)
UM05	16-3	2108	10380.8	Sat	i.p. KTQH UEBS AFRN MTF5 ICLG KBVX XTAV HOLJ LAKU XXTJ etc.	CW	(AB-S)
UM05	17-3	0643	10380.8	Sun	i.p. UAPP RBOA WYLN OSPI TZUM ITMD DLAA VGPU AZCX GABO EVHU etc.	CW	(AB)
UM05	18-3	0558	10380.8	Mon	i.p. LHPQ KOCX CQDW KOWT UASD OJSC HITJ LQNN WAQL FLWV IKYD LNHE etc.	CW	(AB)
UM05	19-3	0612	5345.8	Tue	i.p. VKIW JSNF KRAA CSSV IDYR LMHK JKNW ZRZB LPAG YNMH SYXX etc.	CW	(AB-D)
UM05	20-3	0558	5345.8	Wed	i.p. RHHY BDHR SBNE LFEL WUDW NSVA FAFW etc.	CW	(AB)
UM05	21-3	0615	5345.8	Tue	i.p. JTYO TEDH DRPO IGLK KCPF KPPU VQTA AMKT BNMD QZCI etc.	CW	(AB)
UM05	22-3	0606	5345.8	Fri	i.p. RMNK CGVB UYWB PBDT MEPG ZRZR TJNV TZKE DRQK etc.	CW	(AB)
UM05	23-3	0629	5345.8	Sat	i.p. RLPZ RBIB RRQB PKYM CDEO MOUP QZDW MDJR VYDD LHUB EZBP LLVX AGIR etc.	CW	(AB)
UM05	24-3	0624	5345.8	Sun	i.p. TBMS UQPC RWXD AIAZ AHBU VGLS GTWT OTBL GMSX WGIO etc.	CW	(AB)
UM05	25-3	0542	5345.8	Mon	i.p. LHV SJQY EZWY PXJW XQWR CELH YMLX GVKD ZBKW AHBM PFQP etc.	CW	(AB)

UM05	26-3	0603	5345.8	Tue	i.p. NTUW EULI UTJJ NWHF ZSJP VTAS ADVI WWMV CQEW TYAD RFNB KMDS AMOQ ZQRB etc.	CW	(AB-D)
UM05	27-3	0706	5345.8	Wed	i.p. WFIH TRRH WJFK IMEL GNPR ARUU RZSU TTDO JKDK IXQP ZPHR etc.	CW	(AB)
UM05	28-3	0606	5345.8	Tue	i.p. DBSV XGWY YDHQ URLG BAGV ROVH KUFT DHAV HQFX OJMV PORZ RQTV HDRN etc.	CW	(AB)
UM05	29-3	0549	5345.8	Fri	i.p. VYME IQYF DNLY SMZH ITHJ RQUM PNBC RREQ YVNH AVZH YGKG DGMV etc.	CW	(AB)
UM05	30-3	0618	5345.8	Sat	i.p. KJXY DXAE ZPYT YCDE MQBK XYKF ZLDI DFAZ etc.	CW	(AB)
UM05	31-3	0555	5345.8	Sun	i.p. EVHK XQJQ YNRV UUCK UAQB TUQQ BEBF LPHD MSHD GSOO CGOV GNAV BFPD etc.	CW	(AB)
V07	3-3	0200	19172	Sun	112 112 112 1 929 112 929 112 34271 63915 23673 ...35580 73335 69085 20183 000 000	USB	(FSpy/Dan/HFD-USA)
V07	3-3	0220	17472	Sun	112 112 112 1 929 112 929 112 34271 63915 23673 ...35580 73335 69085 20183 000 000	USB	(FSpy/HFD-USA)
V07	3-3	0240	16272	Sun	112 112 112 1 929 112 929 112 34271 63915 23673 ...35580 73335 69085 20183 000 000	USB	(FSpy/HFD-USA)
V07	10-3	0200	19172	Sun	112 112 112 000	USB	(PY/Dan)
V07	10-3	0220	17472	Sun	112 112 112 000	USB	(PY)
V07	17-3	0200	19172	Sun	112 112 112 000	USB	(PY/Dan)
V07	17-3	0220	17472	Sun	112 112 112 000	USB	(PY)
V07	24-3	0200	19172	Sun	112 112 112 000	USB	(PY)
V07	24-3	0220	17472	Sun	"0" once and test tones, but no proper transmission	USB	(PY/Dan)
V07	31-3	0200	19172	Sun	112 112 112 000	USB	(PY)
V07	31-3	0220	17472	Sun	112 112 112 000	USB	(PY)
V07F	4-3	0825	9345	Mon	687 687 687 1 8792 50 8792 50 83603 54314 56724 ... 04382 25203 24073 000 000	USB	(Priyom)
V13	3-3	0100	18040	Sun	New Star Broadcasting. Station 3	USB	(FSpy)
V13	3-3	0200	18040	Sun	New Star Broadcasting. Station 2	USB	(FSpy)
V13	5-3	1300	11430	Tue	New Star Broadcasting	USB	(AB-TWN)
V13	5-3	1300	14944	Tue	New Star Broadcasting	USB	(AB-TWN)
V13	5-3	1300	15388	Tue	New Star Broadcasting	USB	(AB-TWN)
V13	5-3	1300	20095	Tue	New Star Broadcasting. Carrier only	USB	(AB-TWN)
V13	5-3	1330	11430	Tue	New Star Broadcasting	USB	(AB-TWN)
V13	5-3	1330	14944	Tue	New Star Broadcasting	USB	(AB-TWN)
V13	5-3	1330	15388	Tue	New Star Broadcasting	USB	(AB-TWN)
V13	5-3	1330	20095	Tue	New Star Broadcasting. Carrier only	USB	(AB-TWN)
V13	9-3	1000	19052	Sat	New Star Broadcasting. Station #5	USB	(AB-TWN)
V13	9-3	1001	20095	Sat	New Star Broadcasting. Station #5	USB	(AB)
V13	9-3	1002	20025	Sat	New Star Broadcasting. Station #5	USB	(AB)
V13	9-3	1029	20025	Sat	New Star Broadcasting. Station #5	USB	(AB)
V13	9-3	1029	19052	Sat	New Star Broadcasting. Station #5	USB	(AB-TWN)
V13	9-3	1030	20095	Sat	New Star Broadcasting. Station #5	USB	(AB)
V13	9-3	1059	19052	Sat	New Star Broadcasting. Station #5	USB	(AB-TWN)
V13	9-3	1059	20095	Sat	New Star Broadcasting. Station #5	USB	(AB-TWN)
V13	9-3	1100	20025	Sat	New Star Broadcasting. Station #5	USB	(AB)
V13	9-3	1129	19052	Sat	New Star Broadcasting. Station #5	USB	(AB-TWN)
V13	9-3	1129	20095	Sat	New Star Broadcasting. Station #5	USB	(AB-TWN)
V13	9-3	1130	20025	Sat	New Star Broadcasting. Station #5	USB	(AB)
V13	9-3	1159	19052	Sat	New Star Broadcasting. Station #3	USB	(AB-TWN)
V13	9-3	1200	13974	Sat	New Star Broadcasting. Station #3	USB	(AB-TWN)

V13	9-3	1200	14944	Sat	New Star Broadcasting. Station #3	USB	(AB-TWN)
V13	9-3	1200	15388	Sat	New Star Broadcasting. Station #3	USB	(AB-TWN)
V13	9-3	1200	20025	Sat	New Star Broadcasting. Carrier only	USB	(AB-TWN)
V13	9-3	1229	14944	Sat	New Star Broadcasting. Station #3	USB	(AB-TWN)
V13	9-3	1230	13974	Sat	New Star Broadcasting. Station #3	USB	(AB-TWN)
V13	9-3	1230	15388	Sat	New Star Broadcasting. Station #3	USB	(AB-TWN)
V13	9-3	1230	19052	Sat	New Star Broadcasting. Station #3	USB	(AB-TWN)
V13	9-3	1230	20025	Sat	New Star Broadcasting. Carrier only	USB	(AB-TWN)
V13	9-3	1300	11430	Sat	New Star broadcasting. Station #3	USB	(AB-KOR)
V13	9-3	1300	14944	Sat	New Star broadcasting. Station #3	USB	(AB-KOR)
V13	9-3	1300	15388	Sat	New Star broadcasting. Station #3	USB	(AB-TWN)
V13	9-3	1300	19052	Sat	New Star broadcasting. Station #3	USB	(AB-TWN)
V13	9-3	1329	11430	Sat	New Star broadcasting. Station #3	USB	(AB-TWN)
V13	9-3	1329	14944	Sat	New Star broadcasting. Station #3	USB	(AB-TWN)
V13	9-3	1329	15388	Sat	New Star broadcasting. Station #3	USB	(AB-TWN)
V13	9-3	1330	19052	Sat	New Star broadcasting. Station #3	USB	(AB-TWN)
V13	11-3	0000	20095	Mon	New Star Broadcasting. Station 3	USB	(FSpy)
V13	12-3	0100	20025	Tue	New Star Broadcasting. Station 4	USB	(FSpy)
V13	13-3	0000	18040	Wed	New Star Broadcasting. Station 1	USB	(FSpy)
V13	16-3	0958	19052	Sat	New Star Broadcasting. Station #5	USB	(AB-TWN)
V13	16-3	0959	20025	Sat	New Star Broadcasting. Station #5	USB	(AB)
V13	16-3	1000	20095	Sat	New Star Broadcasting. Station #5	USB	(AB)
V13	16-3	1030	20025	Sat	New Star Broadcasting. Station #5	USB	(AB)
V13	16-3	1030	20095	Sat	New Star Broadcasting. Station #5	USB	(AB)
V13	16-3	1030	19052	Sat	New Star Broadcasting. Station #5	USB	(AB-TWN)
V13	16-3	1059	20095	Sat	New Star Broadcasting. Station #5	USB	(AB-TWN)
V13	16-3	1100	20025	Sat	New Star Broadcasting. Station #5	USB	(AB)
V13	16-3	1100	19052	Sat	New Star Broadcasting. Station #5	USB	(AB-TWN)
V13	17-3	0100	18040	Sun	New Star Broadcasting. Station 3	USB	(FSpy)
V13	17-3	0200	13974	Sun	New Star Broadcasting. Station 2	USB	(FSpy)
V13	19-3	0000	18040	Tue	New Star Broadcasting. Station 1	USB	(FSpy)
V13	24-3	0100	20025	Sun	New Star Broadcasting Station 4	USB	(FSpy)
V13	24-3	0200	13974	Sun	New Star Broadcasting Station 2	USB	(FSpy)
V13	26-3	0000	18040	Tue	New Star Broadcasting Station 1	USB	(FSpy)
V13	26-3	0100	18040	Tue	New Star Broadcasting Station 3	USB	(FSpy)
V28	20-3	0905	5493	Wed	Parrot	AM	(HK)
V28	20-3	0908	5198	Wed	Parrot. Carrier on/off repeatedly.	AM	(HK)
VC01	9-3	2100	6619	Sat	Chinese Air Defense a.k.a Chinese Robot	USB	(AB)
X06	1-3	1019	14824	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(Moon)
X06	1-3	1314	16320	Fri	MFA Moscow clg 241563: Russian embassy Karachi	MFSK-6	(T101)
X06	4-3	0929	20675	Mon	MFA Moscow clg 641523: Russian embassy Lusaka	MFSK-6	(RO)
X06	4-3	0939	23355	Mon	MFA Moscow clg 641523: Russian embassy Lusaka	MFSK-6	(RO)

X06	4-3	0947	18750	Mon	MFA Moscow clg 641523: Russian embassy Lusaka	MFSK-6	(RO)
X06	6-3	0926	17445	Wed	MFA Moscow clg 362154: Russian embassy Athens	MFSK-6	(AB)
X06	6-3	1122	16115	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(Moon)
X06	6-3	1233	19878	Wed	MFA Moscow clg 231654: Russian embassy Abuja	MFSK-6	(Moon)
X06	7-3	0803	17534	Tue	MFA Moscow clg 351264: Russian embassy Abu Dhabi	MFSK-6	(AB/Moon)
X06	7-3	0935	18197	Tue	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City	MFSK-6	(Moon)
X06	10-3	1145	14865	Sun	MFA Moscow clg 261453: Russian embassy Cairo	MFSK-6	(RO)
X06	11-3	0955	16117	Mon	MFA Moscow clg 463125: Russian embassy Rabat	MFSK-6	(Moon)
X06	12-3	0822	14861	Tue	MFA Moscow clg 542136: Russian embassy Beijing	MFSK-6	(Moon)
X06	12-3	1000	13510	Tue	MFA Moscow clg 612534: Russian embassy Ashgabat	MFSK-6	(Moon)
X06	12-3	1031	17470	Tue	MFA Moscow clg 216354: Russian Consulate General Chennai	MFSK-6	(RO)
X06	13-3	0756	18177	Wed	MFA Moscow clg 164253: Russian embassy Addis Ababa	MFSK-6	(AB/Moon)
X06	13-3	0835	13369	Wed	MFA Moscow clg 412356: Russian embassy Budapest	MFSK-6	(Moon)
X06	13-3	0906	11153	Wed	MFA Moscow clg 465132: Russian embassy Sofia	MFSK-6	(Moon)
X06	14-3	0813	16153	Tue	MFA Moscow clg 153624: Russian embassy Damascus	MFSK-6	(Moon)
X06	14-3	0842	19611	Tue	MFA Moscow clg 256134: Russian embassy Abidjan	MFSK-6	(EW)
X06	14-3	0900	20606	Tue	MFA Moscow clg 256134: Russian embassy Abidjan	MFSK-6	(EW)
X06	15-3	0829	14425	Fri	MFA Moscow clg 213546: Russian embassy Islamabad	MFSK-6	(AB/RO)
X06	15-3	1026	13547	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(AB/Moon)
X06	15-3	1036	14824	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(AB/Moon)
X06	18-3	0831	14377	Mon	MFA Moscow clg 432516: Russian embassy Bern	MFSK-6	(AB/Moon)
X06	18-3	0851	12199	Mon	MFA Moscow clg 532614: Russian embassy Paris	MFSK-6	(AB)
X06	18-3	0955	20675	Mon	MFA Moscow clg 641523: Russian embassy Lusaka	MFSK-6	(AB/Moon)
X06	18-3	1004	23355	Mon	MFA Moscow clg 641523: Russian embassy Lusaka	MFSK-6	(AB/Moon)
X06	19-3	0754	15989	Tue	MFA Moscow clg 125643: Russian embassy Ulaan Bataar	MFSK-6	(RO)
X06	19-3	0943	15687	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(RO)
X06	20-3	1118	16115	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(RO)
X06	20-3	1244	19878	Wed	MFA Moscow clg 231654: Russian embassy Abuja	MFSK-6	(T101)
X06	20-3	1540	14501	Wed	MFA Moscow clg 214356: Russian embassy Amman	MFSK-6	(T101)
X06	21-3	0850	18575	Tue	MFA Moscow clg 352416: Russian embassy Dar es Salaam	MFSK-6	(RO)
X06	21-3	0933	18197	Tue	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City	MFSK-6	(RO)
X06	22-3	1007	17463	Fri	MFA Moscow clg 256134: Russian embassy Abidjan	MFSK-6	(AB/Moon)
X06	22-3	1017	20605	Fri	MFA Moscow clg 256134: Russian embassy Abidjan	MFSK-6	(AB/Moon)
X06	22-3	1537	17463	Fri	256134 MFA Moscow clg 256134: Russian embassy Abidjan	USB	(Lac)
X06	24-3	1030	15810	Sun	MFA Moscow clg 145632: Russian embassy Algiers	MFSK-6	(RO)
X06	24-3	1127	16060	Sun	MFA Moscow clg 261453: Russian embassy Cairo	MFSK-6	(RO)
X06	25-3	0849	17475	Mon	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(RO)
X06	25-3	0930	19235	Mon	MFA Moscow clg 463125: Russian embassy Rabat	MFSK-6	(RO)
X06	25-3	0947	16117	Mon	MFA Moscow clg 463125: Russian embassy Rabat	MFSK-6	(Anon)
X06	26-3	0801	11545	Tue	MFA Moscow clg 534216: Russian embassy Baghdad	MFSK-6	(RO)
X06	26-3	0828	17523	Tue	MFA Moscow clg 542136: Russian embassy Beijing	MFSK-6	(Moon)
X06	26-3	0834	16257	Tue	MFA Moscow clg 542136: Russian embassy Beijing	MFSK-6	(RO)

X06	26-3	1008	16317	Tue	MFA Moscow clg 612534: Russian embassy Ashgabat	MFSK-6	(Moon)
X06	26-3	1023	17470	Tue	MFA Moscow clg 216354: Russian Consulate General Chennai	MFSK-6	(RO)
X06	27-3	0741	20950	Wed	MFA Moscow clg 435621: Russian embassy Maputo	MFSK-6	(RO)
X06	27-3	0803	18177	Wed	MFA Moscow clg 164253: Russian embassy Addis Ababa	MFSK-6	(AB/RO)
X06	27-3	0804	13419	Wed	MFA Moscow clg 465132: Russian embassy Sofia	MFSK-6	(RO)
X06	27-3	0833	11483	Wed	MFA Moscow clg 412356: Russian embassy Budapest	MFSK-6	(AB/RO)
X06	28-3	0801	14419	Tue	MFA Moscow clg 521634: Russian embassy Bucharest	MFSK-6	(AB/RO)
X06	28-3	0806	16153	Tue	MFA Moscow clg 153624: Russian embassy Damascus	MFSK-6	(AB/RO)
X06	28-3	0810	16153	Tue	MFA Moscow clg 153624: Russian embassy Damascus	MFSK-6	(AB)
X06c	21-3	1224	12100	Tue	123456	MFSK-6	(T101)
X06d	19-3	0959	12194	Tue	111111	MFSK-6	(RO)
X06d	19-3	1003	12139	Tue	111111	MFSK-6	(RO)
XPA1	1-3	1310	14451	Fri	441 441 441 1 00484 00114 02714 ... 74905 83786 30145	MFSK-20/10Bd	(AB)
XPA1	1-3	1330	13451	Fri	441 441 441 1 00484 00114 02714 ... 74905 83786 30145	MFSK-20/10Bd	(AB)
XPA1	1-3	1350	12151	Fri	441 441 441 1 00484 00114 02714 ... 74905 83786 30145	MFSK-20/10Bd	(AB)
XPA1	6-3	1310	14451	Wed	441 441 441 1 00484 00114 02714 ... 74905 83786 30145	MFSK-20/10Bd	(AB/HFD)
XPA1	6-3	1330	13451	Wed	441 441 441 1 00484 00114 02714 ... 74905 83786 30145	MFSK-20/10Bd	(AB/HFD)
XPA1	6-3	1350	12151	Wed	441 441 441 1 00484 00114 02714 ... 74905 83786 30145	MFSK-20/10Bd	(AB/HFD)
XPA1	8-3	1310	14451	Fri	441 441 441 1 00484 00114 02714 ... 74905 83786 30145	MFSK-20/10Bd	(AB)
XPA1	8-3	1330	13451	Fri	441 441 441 1 00484 00114 02714 ... 74905 83786 30145	MFSK-20/10Bd	(AB)
XPA1	8-3	1350	12151	Fri	441 441 441 1 00484 00114 02714 ... 74905 83786 30145	MFSK-20/10Bd	(AB)
XPA1	13-3	1310	14451	Wed	441 441 441 1 00430 00103 73375 ... 34094 21046 03270	MFSK-20/10Bd	(AB)
XPA1	13-3	1330	13451	Wed	441 441 441 1 00430 00103 73375 ... 34094 21046 03270	MFSK-20/10Bd	(AB)
XPA1	13-3	1350	12151	Wed	441 441 441 1 00430 00103 73375 ... 34094 21046 03270	MFSK-20/10Bd	(AB)
XPA1	15-3	1310	14451	Fri	441 441 441 1 00430 00103 73375 ... 34094 21046 03270	MFSK-20/10Bd	(AB)
XPA1	15-3	1330	13451	Fri	441 441 441 1 00430 00103 73375 ... 34094 21046 03270	MFSK-20/10Bd	(AB)
XPA1	15-3	1350	12151	Fri	441 441 441 1 00430 00103 73375 ... 34094 21046 03270	MFSK-20/10Bd	(AB)
XPA1	20-3	1310	14451	Wed	441 441 441 1 00430 00103 73375 ... 34094 21046 03270	MFSK-20/10Bd	(AB)
XPA1	20-3	1330	13451	Wed	441 441 441 1 00430 00103 73375 ... 34094 21046 03270	MFSK-20/10Bd	(AB)
XPA1	20-3	1350	12151	Wed	441 441 441 1 00430 00103 73375 ... 34094 21046 03270	MFSK-20/10Bd	(AB)
XPA1	22-3	1310	14451	Fri	441 441 441 1 00430 00103 73375 ... 34094 21046 03270	MFSK-20/10Bd	(AB)
XPA1	22-3	1330	13451	Fri	441 441 441 1 00430 00103 73375 ... 34094 21046 03270	MFSK-20/10Bd	(AB)
XPA1	22-3	1350	12151	Fri	441 441 441 1 00430 00103 73375 ... 34094 21046 03270	MFSK-20/10Bd	(AB)
XPA1	27-3	1310	14451	Wed	441 441 441 1 01970 00126 19856 ... 46018 04916 02421	MFSK-20/10Bd	(AB)
XPA1	27-3	1330	13451	Wed	441 441 441 1 01970 00126 19856 ... 46018 04916 02421	MFSK-20/10Bd	(AB)
XPA1	27-3	1350	12151	Wed	441 441 441 1 01970 00126 19856 ... 46018 04916 02421	MFSK-20/10Bd	(AB)
XPA1	29-3	1310	14451	Fri	441 441 441 1 01970 00126 19856 ... 46018 04916 02421	MFSK-20/10Bd	(AB)
XPA1	29-3	1330	13451	Fri	441 441 441 1 01970 00126 19856 ... 46018 04916 02421	MFSK-20/10Bd	(AB)
XPA1	29-3	1350	12151	Fri	441 441 441 1 01970 00126 19856 ... 46018 04916 02421	MFSK-20/10Bd	(AB)
XPA2	1-3	0900	15956	Fri	02065 00001 00000 33660	MFSK-16/20Bd	(AB/HFD)
XPA2	1-3	0920	17456	Fri	02065 00001 00000 33660	MFSK-16/20Bd	(AB/HFD)
XPA2	1-3	0940	18656	Fri	02065 00001 00000 33660	MFSK-16/20Bd	(AB/HFD)

XPA2	1-3	1100	14639	Fri	06195 00001 00000 34267	MFSK-16/20Bd	(AB/HFD)
XPA2	1-3	1120	13539	Fri	06195 00001 00000 34267	MFSK-16/20Bd	(AB/HFD)
XPA2	1-3	1140	12139	Fri	06195 00001 00000 34267	MFSK-16/20Bd	(AB/HFD)
XPA2	1-3	1200	14956	Fri	08242 00153 05070 ... 89196 06581 37615	MFSK-16/20Bd	(AB/HFD)
XPA2	1-3	1220	16356	Fri	08242 00153 05070 ... 89196 06581 37615	MFSK-16/20Bd	(AB/HFD)
XPA2	1-3	1240	17456	Fri	08242 00153 05070 ... 89196 06581 37615	MFSK-16/20Bd	(AB/HFD)
XPA2	2-3	0910	16261	Sat	04035 00001 00000 33657	MFSK-16/20Bd	(AB/HFD)
XPA2	2-3	0930	15961	Sat	04035 00001 00000 33657	MFSK-16/20Bd	(AB/HFD)
XPA2	2-3	0950	14861	Sat	04035 00001 00000 33657	MFSK-16/20Bd	(AB/HFD)
XPA2	2-3	1600	12163	Sat	07758 00260 17931 ... 27650 14874 37245	MFSK-16/20Bd	(AB/HFD)
XPA2	2-3	1620	10863	Sat	07758 00260 17931 ... 27650 14874 37245	MFSK-16/20Bd	(AB/HFD)
XPA2	2-3	1640	9363	Sat	07758 00260 17931 ... 27650 14874 37245	MFSK-16/20Bd	(AB/HFD)
XPA2	3-3	0900	15956	Sun	04813 00001 00000 36655	MFSK-16/20Bd	(AB)
XPA2	3-3	0920	17456	Sun	04813 00001 00000 36655	MFSK-16/20Bd	(AB)
XPA2	3-3	0940	18656	Sun	04813 00001 00000 36655	MFSK-16/20Bd	(AB)
XPA2	4-3	0800	13931	Mon	00274 00129 78945 ... 78798 52798 40532	MFSK-16/20Bd	(AB/HFD)
XPA2	4-3	0820	14831	Mon	00274 00129 78945 ... 78798 52798 40532	MFSK-16/20Bd	(AB/HFD)
XPA2	4-3	0840	16131	Mon	00274 00129 78945 ... 78798 52798 40532	MFSK-16/20Bd	(AB/HFD)
XPA2	4-3	0910	18333	Mon	00323 00098 95653 ... 87950 41623 15152	MFSK-16/20Bd	(AB)
XPA2	4-3	0930	16345	Mon	00323 00098 95653 ... 87950 41623 15152	MFSK-16/20Bd	(AB)
XPA2	4-3	0950	14838	Mon	00323 00098 95653 ... 87950 41623 15152	MFSK-16/20Bd	(AB)
XPA2	4-3	1600	12163	Mon	04717 00001 00000 40255	MFSK-16/20Bd	(AB)
XPA2	4-3	1620	10863	Mon	04717 00001 00000 40255	MFSK-16/20Bd	(AB)
XPA2	4-3	1640	9363	Mon	04717 00001 00000 40255	MFSK-16/20Bd	(AB)
XPA2	5-3	0600	11157	Tue	08280 00001 00000 32270	MFSK-16/20Bd	(AB/HFD)
XPA2	5-3	0620	12157	Tue	08280 00001 00000 32270	MFSK-16/20Bd	(AB/HFD)
XPA2	5-3	0640	13557	Tue	08280 00001 00000 32270	MFSK-16/20Bd	(AB/HFD)
XPA2	5-3	1100	14639	Tue	00129 00180 83567 ... 54798 42373 30616	MFSK-16/20Bd	(AB)
XPA2	5-3	1120	13539	Tue	00129 00180 83567 ... 54798 42373 30616	MFSK-16/20Bd	(AB)
XPA2	5-3	1140	12139	Tue	00129 00180 83567 ... 54798 42373 30616	MFSK-16/20Bd	(AB)
XPA2	5-3	1600	13994	Tue	04752 00001 00000 35661	MFSK-16/20Bd	(AB)
XPA2	5-3	1620	13494	Tue	04752 00001 00000 35661	MFSK-16/20Bd	(AB)
XPA2	5-3	1640	12194	Tue	04752 00001 00000 35661	MFSK-16/20Bd	(AB)
XPA2	6-3	0800	13931	Wed	00274 00129 78945 ... 78798 52798 40532	MFSK-16/20Bd	(AB)
XPA2	6-3	0820	14831	Wed	00274 00129 78945 ... 78798 52798 40532	MFSK-16/20Bd	(AB)
XPA2	6-3	0840	16131	Wed	00274 00129 78945 ... 78798 52798 40532	MFSK-16/20Bd	(AB)
XPA2	6-3	0910	18333	Wed	00323 00098 95653 ... 87950 41623 15152	MFSK-16/20Bd	(AB)
XPA2	6-3	0930	16345	Wed	00323 00098 95653 ... 87950 41623 15152	MFSK-16/20Bd	(AB)
XPA2	6-3	0950	14838	Wed	00323 00098 95653 ... 87950 41623 15152	MFSK-16/20Bd	(AB)
XPA2	6-3	1100	15861	Wed	msg	MFSK-16/20Bd	(HFD)
XPA2	6-3	1120	14431	Wed	05130 00001 00000 31660	MFSK-16/20Bd	(AB/HFD)
XPA2	6-3	1140	13431	Wed	05130 00001 00000 31660	MFSK-16/20Bd	(AB/HFD)

XPA2	6-3	1200	14956	Wed	00499 00210 11169 ... 40743 88619 66450	MFSK-16/20Bd	(AB)
XPA2	6-3	1220	16356	Wed	00499 00210 11169 ... 40743 88619 66450	MFSK-16/20Bd	(AB)
XPA2	6-3	1240	17456	Wed	00499 00210 11169 ... 40743 88619 66450	MFSK-16/20Bd	(AB)
XPA2	7-3	0600	11157	Tue	03655 00001 00000 36660	MFSK-16/20Bd	(AB)
XPA2	7-3	0620	12157	Tue	03655 00001 00000 36660	MFSK-16/20Bd	(AB)
XPA2	7-3	0640	13557	Tue	03655 00001 00000 36660	MFSK-16/20Bd	(AB)
XPA2	7-3	0910	16261	Tue	09396 00180 04303 ... 02236 23147 37274	MFSK-16/20Bd	(AB)
XPA2	7-3	0930	15961	Tue	09396 00180 04303 ... 02236 23147 37274	MFSK-16/20Bd	(AB)
XPA2	7-3	0950	14861	Tue	09396 00180 04303 ... 02236 23147 37274	MFSK-16/20Bd	(AB)
XPA2	7-3	1100	15861	Tue	02523 00001 00000 35254	MFSK-16/20Bd	(AB)
XPA2	7-3	1120	14431	Tue	02523 00001 00000 35254	MFSK-16/20Bd	(AB)
XPA2	7-3	1140	13431	Tue	02523 00001 00000 35254	MFSK-16/20Bd	(AB)
XPA2	7-3	1600	13994	Tue	08158 00001 00000 35665	MFSK-16/20Bd	(AB)
XPA2	7-3	1620	13494	Tue	08158 00001 00000 35665	MFSK-16/20Bd	(AB)
XPA2	7-3	1640	12194	Tue	08158 00001 00000 35665	MFSK-16/20Bd	(AB)
XPA2	8-3	0900	15956	Fri	06814 00000 00000 30160	MFSK-16/20Bd	(AB)
XPA2	8-3	0920	17456	Fri	06814 00000 00000 30160	MFSK-16/20Bd	(AB)
XPA2	8-3	0940	18656	Fri	06814 00000 00000 30160	MFSK-16/20Bd	(AB)
XPA2	8-3	1100	14639	Fri	00129 00180 83567 ... 54798 42373 30616	MFSK-16/20Bd	(AB)
XPA2	8-3	1120	13539	Fri	00129 00180 83567 ... 54798 42373 30616	MFSK-16/20Bd	(AB)
XPA2	8-3	1140	12139	Fri	00129 00180 83567 ... 54798 42373 30616	MFSK-16/20Bd	(AB)
XPA2	8-3	1200	14956	Fri	00499 00210 11169 ... 40743 88619 66450	MFSK-16/20Bd	(AB)
XPA2	8-3	1220	16356	Fri	00499 00210 11169 ... 40743 88619 66450	MFSK-16/20Bd	(AB)
XPA2	8-3	1240	17456	Fri	00499 00210 11169 ... 40743 88619 66450	MFSK-16/20Bd	(AB)
XPA2	9-3	0910	16261	Sat	09396 00180 04303 ... 02236 23147 37274	MFSK-16/20Bd	(AB)
XPA2	9-3	0930	15961	Sat	09396 00180 04303 ... 02236 23147 37274	MFSK-16/20Bd	(AB)
XPA2	9-3	0950	14861	Sat	09396 00180 04303 ... 02236 23147 37274	MFSK-16/20Bd	(AB)
XPA2	9-3	1600	12163	Sat	06189 00001 00000 36266	MFSK-16/20Bd	(AB)
XPA2	9-3	1620	10863	Sat	06189 00001 00000 36266	MFSK-16/20Bd	(AB)
XPA2	9-3	1640	9363	Sat	06189 00001 00000 36266	MFSK-16/20Bd	(AB)
XPA2	10-3	0900	15956	Sun	05921 00001 00000 36257	MFSK-16/20Bd	(AB)
XPA2	10-3	0920	17456	Sun	05921 00001 00000 36257	MFSK-16/20Bd	(AB)
XPA2	10-3	0940	18656	Sun	05921 00001 00000 36257	MFSK-16/20Bd	(AB)
XPA2	11-3	0800	13931	Mon	08043 00201 92629 ... 96366 63378 62025	MFSK-16/20Bd	(AB)
XPA2	11-3	0820	14831	Mon	08043 00201 92629 ... 96366 63378 62025	MFSK-16/20Bd	(AB)
XPA2	11-3	0840	16131	Mon	08043 00201 92629 ... 96366 63378 62025	MFSK-16/20Bd	(AB)
XPA2	11-3	0910	18333	Mon	01440 00001 00000 33255	MFSK-16/20Bd	(AB)
XPA2	11-3	0930	16345	Mon	01440 00001 00000 33255	MFSK-16/20Bd	(AB)
XPA2	11-3	0950	14838	Mon	01440 00001 00000 33255	MFSK-16/20Bd	(AB)
XPA2	11-3	1600	12163	Mon	00387 00298 08325 ... 51561 04036 26062	MFSK-16/20Bd	(AB)
XPA2	11-3	1620	10863	Mon	00387 00298 08325 ... 51561 04036 26062	MFSK-16/20Bd	(AB)
XPA2	11-3	1640	9363	Mon	00387 00298 08325 ... 51561 04036 26062	MFSK-16/20Bd	(AB)

XPA2	12-3	0600	11157	Tue	00495 00053 31681 ... 67385 17448 76105	MFSK-16/20Bd	(AB)
XPA2	12-3	0620	12157	Tue	00495 00053 31681 ... 67385 17448 76105	MFSK-16/20Bd	(AB)
XPA2	12-3	0640	13557	Tue	00495 00053 31681 ... 67385 17448 76105	MFSK-16/20Bd	(AB)
XPA2	12-3	1100	14639	Tue	00129 00180 83567 ... 54798 42373 30616	MFSK-16/20Bd	(AB)
XPA2	12-3	1120	13539	Tue	00129 00180 83567 ... 54798 42373 30616	MFSK-16/20Bd	(AB)
XPA2	12-3	1140	12139	Tue	00129 00180 83567 ... 54798 42373 30616	MFSK-16/20Bd	(AB)
XPA2	12-3	1600	13994	Tue	00268 00264 22946 ... 71809 76171 64651	MFSK-16/20Bd	(AB/HFD)
XPA2	12-3	1620	13494	Tue	00268 00264 22946 ... 71809 76171 64651	MFSK-16/20Bd	(AB/HFD)
XPA2	12-3	1640	12194	Tue	00268 00264 22946 ... 71809 76171 64651	MFSK-16/20Bd	(AB/HFD)
XPA2	13-3	0800	13931	Wed	08043 00201 92629 ... 96366 63378 62025	MFSK-16/20Bd	(AB)
XPA2	13-3	0820	14831	Wed	08043 00201 92629 ... 96366 63378 62025	MFSK-16/20Bd	(AB)
XPA2	13-3	0840	16131	Wed	08043 00201 92629 ... 96366 63378 62025	MFSK-16/20Bd	(AB)
XPA2	13-3	0910	18333	Wed	01115 00001 00000 34252	MFSK-16/20Bd	(AB)
XPA2	13-3	0930	16345	Wed	01115 00001 00000 34252	MFSK-16/20Bd	(AB)
XPA2	13-3	0950	14838	Wed	01115 00001 00000 34252	MFSK-16/20Bd	(AB)
XPA2	13-3	1100	15861	Wed	06439 00069 06889 ... 27450 29413 00172	MFSK-16/20Bd	(AB)
XPA2	13-3	1120	14431	Wed	06439 00069 06889 ... 27450 29413 00172	MFSK-16/20Bd	(AB)
XPA2	13-3	1140	13431	Wed	06439 00069 06889 ... 27450 29413 00172	MFSK-16/20Bd	(AB)
XPA2	13-3	1200	14956	Wed	07044 00001 00000 32257	MFSK-16/20Bd	(AB)
XPA2	13-3	1220	16356	Wed	07044 00001 00000 32257	MFSK-16/20Bd	(AB)
XPA2	13-3	1240	17456	Wed	07044 00001 00000 32257	MFSK-16/20Bd	(AB)
XPA2	14-3	0600	11157	Tue	00495 00053 31681 ... 67385 17448 76105	MFSK-16/20Bd	(AB)
XPA2	14-3	0620	12157	Tue	00495 00053 31681 ... 67385 17448 76105	MFSK-16/20Bd	(AB)
XPA2	14-3	0640	13557	Tue	00495 00053 31681 ... 67385 17448 76105	MFSK-16/20Bd	(AB)
XPA2	14-3	0910	16261	Tue	02863 00130 99620 ... 54337 09392 37252	MFSK-16/20Bd	(AB)
XPA2	14-3	0930	15961	Tue	02863 00130 99620 ... 54337 09392 37252	MFSK-16/20Bd	(AB)
XPA2	14-3	0950	14861	Tue	02863 00130 99620 ... 54337 09392 37252	MFSK-16/20Bd	(AB)
XPA2	14-3	1100	15861	Tue	06439 00069 06889 ... 27450 29413 00172	MFSK-16/20Bd	(AB)
XPA2	14-3	1120	14431	Tue	06439 00069 06889 ... 27450 29413 00172	MFSK-16/20Bd	(AB)
XPA2	14-3	1140	13431	Tue	06439 00069 06889 ... 27450 29413 00172	MFSK-16/20Bd	(AB)
XPA2	14-3	1600	13994	Tue	00268 00264 22946 ... 71809 76171 64651	MFSK-16/20Bd	(AB)
XPA2	14-3	1620	13494	Tue	00268 00264 22946 ... 71809 76171 64651	MFSK-16/20Bd	(AB)
XPA2	14-3	1640	12194	Tue	00268 00264 22946 ... 71809 76171 64651	MFSK-16/20Bd	(AB)
XPA2	15-3	0900	15956	Fri	00395 00101 71134 ... 06148 24952 24333	MFSK-16/20Bd	(AB)
XPA2	15-3	0920	17456	Fri	00395 00101 71134 ... 06148 24952 24333	MFSK-16/20Bd	(AB)
XPA2	15-3	0940	18656	Fri	00395 00101 71134 ... 06148 24952 24333	MFSK-16/20Bd	(AB)
XPA2	15-3	1100	14639	Fri	00129 00180 83567 ... 54798 42373 30616	MFSK-16/20Bd	(AB)
XPA2	15-3	1120	13539	Fri	00129 00180 83567 ... 54798 42373 30616	MFSK-16/20Bd	(AB)
XPA2	15-3	1140	12139	Fri	00129 00180 83567 ... 54798 42373 30616	MFSK-16/20Bd	(AB)
XPA2	15-3	1200	14956	Fri	05506 00001 00000 36655	MFSK-16/20Bd	(AB)
XPA2	15-3	1220	16356	Fri	05506 00001 00000 36655	MFSK-16/20Bd	(AB)
XPA2	15-3	1240	17456	Fri	05506 00001 00000 36655	MFSK-16/20Bd	(AB)

XPA2	16-3	0910	16261	Sat	02863 00130 99620 ... 54337 09392 37252	MFSK-16/20Bd	(AB)
XPA2	16-3	0930	15961	Sat	02863 00130 99620 ... 54337 09392 37252	MFSK-16/20Bd	(AB)
XPA2	16-3	0950	14861	Sat	02863 00130 99620 ... 54337 09392 37252	MFSK-16/20Bd	(AB)
XPA2	16-3	1600	12163	Sat	00387 00298 08325 ... 51561 04036 26062	MFSK-16/20Bd	(AB)
XPA2	16-3	1620	10863	Sat	00387 00298 08325 ... 51561 04036 26062	MFSK-16/20Bd	(AB)
XPA2	16-3	1640	9363	Sat	00387 00298 08325 ... 51561 04036 26062	MFSK-16/20Bd	(AB)
XPA2	17-3	0900	15956	Sun	00395 00101 71134 ... 06148 24952 24333	MFSK-16/20Bd	(AB)
XPA2	17-3	0920	17456	Sun	00395 00101 71134 ... 06148 24952 24333	MFSK-16/20Bd	(AB)
XPA2	17-3	0940	18656	Sun	00395 00101 71134 ... 06148 24952 24333	MFSK-16/20Bd	(AB)
XPA2	18-3	0800	13931	Mon	08043 00201 92629 ... 96366 63378 62025	MFSK-16/20Bd	(AB)
XPA2	18-3	0820	14831	Mon	08043 00201 92629 ... 96366 63378 62025	MFSK-16/20Bd	(AB)
XPA2	18-3	0840	16131	Mon	08043 00201 92629 ... 96366 63378 62025	MFSK-16/20Bd	(AB)
XPA2	18-3	0910	18333	Mon	00509 00190 31316 ... 57747 18173 47572	MFSK-16/20Bd	(AB)
XPA2	18-3	0930	16345	Mon	00509 00190 31316 ... 57747 18173 47572	MFSK-16/20Bd	(AB)
XPA2	18-3	0950	14838	Mon	00509 00190 31316 ... 57747 18173 47572	MFSK-16/20Bd	(AB)
XPA2	18-3	1600	12163	Mon	01337 00001 00000 36254	MFSK-16/20Bd	(AB)
XPA2	18-3	1620	10863	Mon	01337 00001 00000 36254	MFSK-16/20Bd	(AB)
XPA2	18-3	1640	9363	Mon	01337 00001 00000 36254	MFSK-16/20Bd	(AB)
XPA2	19-3	0600	11157	Tue	04485 00001 00000 35664	MFSK-16/20Bd	(AB)
XPA2	19-3	0620	12157	Tue	04485 00001 00000 35664	MFSK-16/20Bd	(AB)
XPA2	19-3	0640	13557	Tue	04485 00001 00000 35664	MFSK-16/20Bd	(AB)
XPA2	19-3	1100	14639	Tue	05162 00001 00000 32663	MFSK-16/20Bd	(AB)
XPA2	19-3	1120	13539	Tue	05162 00001 00000 32663	MFSK-16/20Bd	(AB)
XPA2	19-3	1140	12139	Tue	05162 00001 00000 32663	MFSK-16/20Bd	(AB)
XPA2	19-3	1600	13994	Tue	04903 00001 00000 37254	MFSK-16/20Bd	(AB)
XPA2	19-3	1620	13494	Tue	04903 00001 00000 37254	MFSK-16/20Bd	(AB)
XPA2	19-3	1640	12194	Tue	04903 00001 00000 37254	MFSK-16/20Bd	(AB)
XPA2	20-3	0800	13931	Wed	08043 00201 92629 ... 96366 63378 62025	MFSK-16/20Bd	(AB)
XPA2	20-3	0820	14831	Wed	08043 00201 92629 ... 96366 63378 62025	MFSK-16/20Bd	(AB)
XPA2	20-3	0840	16131	Wed	08043 00201 92629 ... 96366 63378 62025	MFSK-16/20Bd	(AB)
XPA2	20-3	0910	18333	Wed	00509 00190 31316 ... 57747 18173 47572	MFSK-16/20Bd	(AB/HFD)
XPA2	20-3	0930	16345	Wed	00509 00190 31316 ... 57747 18173 47572	MFSK-16/20Bd	(AB/HFD)
XPA2	20-3	0950	14838	Wed	00509 00190 31316 ... 57747 18173 47572	MFSK-16/20Bd	(AB/HFD)
XPA2	20-3	1100	15861	Wed	06439 00069 06889 ... 27450 29413 00172	MFSK-16/20Bd	(AB)
XPA2	20-3	1120	14431	Wed	06439 00069 06889 ... 27450 29413 00172	MFSK-16/20Bd	(AB)
XPA2	20-3	1140	13431	Wed	06439 00069 06889 ... 27450 29413 00172	MFSK-16/20Bd	(AB)
XPA2	20-3	1200	14956	Wed	09893 00120 93768 ... 77195 04824 51301	MFSK-16/20Bd	(AB)
XPA2	20-3	1220	16356	Wed	09893 00120 93768 ... 77195 04824 51301	MFSK-16/20Bd	(AB)
XPA2	20-3	1240	17456	Wed	09893 00120 93768 ... 77195 04824 51301	MFSK-16/20Bd	(AB)
XPA2	21-3	0600	11157	Tue	09428 00001 00000 37263	MFSK-16/20Bd	(AB)
XPA2	21-3	0620	12157	Tue	09428 00001 00000 37263	MFSK-16/20Bd	(AB)
XPA2	21-3	0640	13557	Tue	09428 00001 00000 37263	MFSK-16/20Bd	(AB)

XPA2	21-3	0910	16261	Tue	08527 00001 00000 37262	MFSK-16/20Bd	(AB)
XPA2	21-3	0930	15961	Tue	08527 00001 00000 37262	MFSK-16/20Bd	(AB)
XPA2	21-3	0950	14861	Tue	08527 00001 00000 37262	MFSK-16/20Bd	(AB)
XPA2	21-3	1100	15861	Tue	06439 00069 06889 ... 27450 29413 00172	MFSK-16/20Bd	(AB)
XPA2	21-3	1120	14431	Tue	06439 00069 06889 ... 27450 29413 00172	MFSK-16/20Bd	(AB)
XPA2	21-3	1140	13431	Tue	06439 00069 06889 ... 27450 29413 00172	MFSK-16/20Bd	(AB)
XPA2	21-3	1600	13994	Tue	02168 00001 00000 35660	MFSK-16/20Bd	(AB)
XPA2	21-3	1620	13494	Tue	02168 00001 00000 35660	MFSK-16/20Bd	(AB)
XPA2	21-3	1640	12194	Tue	02168 00001 00000 35660	MFSK-16/20Bd	(AB)
XPA2	22-3	0900	15956	Fri	03419 00001 00000 37654	MFSK-16/20Bd	(AB)
XPA2	22-3	0920	17456	Fri	03419 00001 00000 37654	MFSK-16/20Bd	(AB)
XPA2	22-3	0940	18656	Fri	03419 00001 00000 37654	MFSK-16/20Bd	(AB)
XPA2	22-3	1100	14639	Fri	07029 00001 00000 35661	MFSK-16/20Bd	(AB)
XPA2	22-3	1120	13539	Fri	07029 00001 00000 35661	MFSK-16/20Bd	(AB)
XPA2	22-3	1140	12139	Fri	07029 00001 00000 35661	MFSK-16/20Bd	(AB)
XPA2	22-3	1200	14956	Fri	09893 00120 93768 ... 77195 04824 51301	MFSK-16/20Bd	(AB)
XPA2	22-3	1220	16356	Fri	09893 00120 93768 ... 77195 04824 51301	MFSK-16/20Bd	(AB)
XPA2	22-3	1240	17456	Fri	09893 00120 93768 ... 77195 04824 51301	MFSK-16/20Bd	(AB)
XPA2	23-3	0910	16261	Sat	05263 00001 00000 33663	MFSK-16/20Bd	(AB)
XPA2	23-3	0930	15961	Sat	05263 00001 00000 33663	MFSK-16/20Bd	(AB)
XPA2	23-3	0950	14861	Sat	05263 00001 00000 33663	MFSK-16/20Bd	(AB)
XPA2	23-3	1600	12163	Sat	04673 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	23-3	1620	10863	Sat	04673 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	23-3	1640	9363	Sat	04673 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	24-3	0900	15956	Sun	05339 00001 00000 37260	MFSK-16/20Bd	(AB)
XPA2	24-3	0920	17456	Sun	05339 00001 00000 37260	MFSK-16/20Bd	(AB)
XPA2	24-3	0940	18656	Sun	05339 00001 00000 37260	MFSK-16/20Bd	(AB)
XPA2	25-3	0800	13931	Mon	09042 00152 43620 ... 55087 37765 47347	MFSK-16/20Bd	(AB)
XPA2	25-3	0820	14831	Mon	09042 00152 43620 ... 55087 37765 47347	MFSK-16/20Bd	(AB)
XPA2	25-3	0840	16131	Mon	09042 00152 43620 ... 55087 37765 47347	MFSK-16/20Bd	(AB)
XPA2	25-3	0910	18333	Mon	00509 00190 31316 ... 57747 18173 47572	MFSK-16/20Bd	(AB-POL)
XPA2	25-3	0930	16345	Mon	00509 00190 31316 ... 57747 18173 47572	MFSK-16/20Bd	(AB-POL)
XPA2	25-3	0950	14838	Mon	00509 00190 31316 ... 57747 18173 47572	MFSK-16/20Bd	(AB-POL)
XPA2	25-3	1600	12163	Mon	00176 00179 80923 ... 92772 07593 06412	MFSK-16/20Bd	(AB)
XPA2	25-3	1620	10863	Mon	00176 00179 80923 ... 92772 07593 06412	MFSK-16/20Bd	(AB)
XPA2	25-3	1640	9363	Mon	00176 00179 80923 ... 92772 07593 06412	MFSK-16/20Bd	(AB)
XPA2	26-3	0600	11157	Tue	07322 00070 89244 ... 46998 24694 70052	MFSK-16/20Bd	(AB)
XPA2	26-3	0620	12157	Tue	07322 00070 89244 ... 46998 24694 70052	MFSK-16/20Bd	(AB)
XPA2	26-3	0640	13557	Tue	07322 00070 89244 ... 46998 24694 70052	MFSK-16/20Bd	(AB)
XPA2	26-3	1100	14639	Tue	00250 00089 23932 ... 37848 21773 35636	MFSK-16/20Bd	(AB)
XPA2	26-3	1120	13539	Tue	00250 00089 23932 ... 37848 21773 35636	MFSK-16/20Bd	(AB)
XPA2	26-3	1140	12139	Tue	00250 00089 23932 ... 37848 21773 35636	MFSK-16/20Bd	(AB)

XPA2	26-3	1600	13994	Tue	00704 00167 92106 ... 85241 04807 33614	MFSK-16/20Bd	(AB)
XPA2	26-3	1620	13494	Tue	00704 00167 92106 ... 85241 04807 33614	MFSK-16/20Bd	(AB)
XPA2	26-3	1640	12194	Tue	00704 00167 92106 ... 85241 04807 33614	MFSK-16/20Bd	(AB)
XPA2	27-3	0800	13931	Wed	09042 00152 43620 ... 55087 37765 47347	MFSK-16/20Bd	(AB)
XPA2	27-3	0820	14831	Wed	09042 00152 43620 ... 55087 37765 47347	MFSK-16/20Bd	(AB)
XPA2	27-3	0840	16131	Wed	09042 00152 43620 ... 55087 37765 47347	MFSK-16/20Bd	(AB)
XPA2	27-3	0910	18333	Wed	00509 00190 31316 ... 57747 18173 47572	MFSK-16/20Bd	(AB)
XPA2	27-3	0930	16345	Wed	00509 00190 31316 ... 57747 18173 47572	MFSK-16/20Bd	(AB)
XPA2	27-3	0950	14838	Wed	00509 00190 31316 ... 57747 18173 47572	MFSK-16/20Bd	(AB)
XPA2	27-3	1100	15861	Wed	03176 00001 00000 34662	MFSK-16/20Bd	(AB)
XPA2	27-3	1120	14431	Wed	03176 00001 00000 34662	MFSK-16/20Bd	(AB)
XPA2	27-3	1140	13431	Wed	03176 00001 00000 34662	MFSK-16/20Bd	(AB)
XPA2	27-3	1200	14956	Wed	06511 00125 22778 ... 58063 13729 52465	MFSK-16/20Bd	(AB-S)
XPA2	27-3	1220	16356	Wed	06511 00125 22778 ... 58063 13729 52465	MFSK-16/20Bd	(AB)
XPA2	27-3	1240	17456	Wed	06511 00125 22778 ... 58063 13729 52465	MFSK-16/20Bd	(AB)
XPA2	28-3	0600	11157	Tue	07322 00070 89244 ... 46998 24694 70052	MFSK-16/20Bd	(AB)
XPA2	28-3	0620	12157	Tue	07322 00070 89244 ... 46998 24694 70052	MFSK-16/20Bd	(AB)
XPA2	28-3	0640	13557	Tue	07322 00070 89244 ... 46998 24694 70052	MFSK-16/20Bd	(AB)
XPA2	28-3	0910	16261	Tue	03380 00042 88066 ... 32416 01808 22342	MFSK-16/20Bd	(AB)
XPA2	28-3	0930	15961	Tue	03380 00042 88066 ... 32416 01808 22342	MFSK-16/20Bd	(AB)
XPA2	28-3	0950	14861	Tue	03380 00042 88066 ... 32416 01808 22342	MFSK-16/20Bd	(AB)
XPA2	28-3	1100	15861	Tue	07167 00001 00000 35265	MFSK-16/20Bd	(AB)
XPA2	28-3	1120	14431	Tue	07167 00001 00000 35265	MFSK-16/20Bd	(AB)
XPA2	28-3	1140	13431	Tue	07167 00001 00000 35265	MFSK-16/20Bd	(AB)
XPA2	28-3	1600	13994	Tue	00704 00167 92106 ... 85241 04807 33614	MFSK-16/20Bd	(AB)
XPA2	28-3	1620	13494	Tue	00704 00167 92106 ... 85241 04807 33614	MFSK-16/20Bd	(AB)
XPA2	28-3	1640	12194	Tue	00704 00167 92106 ... 85241 04807 33614	MFSK-16/20Bd	(AB)
XPA2	29-3	0900	15956	Fri	00478 00060 81409 ... 91763 31370 45717	MFSK-16/20Bd	(AB)
XPA2	29-3	0920	17456	Fri	00478 00060 81409 ... 91763 31370 45717	MFSK-16/20Bd	(AB)
XPA2	29-3	0940	18656	Fri	00478 00060 81409 ... 91763 31370 45717	MFSK-16/20Bd	(AB)
XPA2	29-3	1100	14639	Fri	00250 00089 23932 ... 37848 21773 35636	MFSK-16/20Bd	(AB)
XPA2	29-3	1120	13539	Fri	00250 00089 23932 ... 37848 21773 35636	MFSK-16/20Bd	(AB)
XPA2	29-3	1140	12139	Fri	00250 00089 23932 ... 37848 21773 35636	MFSK-16/20Bd	(AB)
XPA2	29-3	1200	14956	Fri	06511 00125 22778 ... 58063 13729 52465	MFSK-16/20Bd	(AB-S)
XPA2	29-3	1220	16356	Fri	06511 00125 22778 ... 58063 13729 52465	MFSK-16/20Bd	(AB)
XPA2	29-3	1240	17456	Fri	06511 00125 22778 ... 58063 13729 52465	MFSK-16/20Bd	(AB)
XPA2	30-3	0910	16261	Sat	03380 00042 88066 ... 32416 01808 22342	MFSK-16/20Bd	(AB)
XPA2	30-3	0930	15961	Sat	03380 00042 88066 ... 32416 01808 22342	MFSK-16/20Bd	(AB)
XPA2	30-3	0950	14861	Sat	03380 00042 88066 ... 32416 01808 22342	MFSK-16/20Bd	(AB)
XPA2	30-3	1600	12163	Sat	00176 00179 80923 ... 92772 07593 06412	MFSK-16/20Bd	(AB)
XPA2	30-3	1620	10863	Sat	00176 00179 80923 ... 92772 07593 06412	MFSK-16/20Bd	(AB)
XPA2	30-3	1640	9363	Sat	00176 00179 80923 ... 92772 07593 06412	MFSK-16/20Bd	(AB)

XPA2	31-3	0900	15956	Sun	00478 00060 81409 ... 91763 31370 45717	MFSK-16/20Bd	(AB)
XPA2	31-3	0920	17456	Sun	00478 00060 81409 ... 91763 31370 45717	MFSK-16/20Bd	(AB)
XPA2	31-3	0940	18656	Sun	00478 00060 81409 ... 91763 31370 45717	MFSK-16/20Bd	(AB)
XPB1	1-3	1300	20072	Fri	Russian intel.	MFSK-16	(AB/RL)
XPB1	1-3	1310	19572	Fri	Russian intel.	MFSK-16	(AB/RL)
XPB1	1-3	1320	18372	Fri	Russian intel.	MFSK-16	(AB)
XPB1	1-3	1330	17472	Fri	Russian intel.	MFSK-16	(AB)
XPB1	1-3	1340	16272	Fri	Russian intel.	MFSK-16	(AB)
XPB1	1-3	1350	14972	Fri	Russian intel.	MFSK-16	(AB)
XPB1	2-3	1100	18253	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	2-3	1110	17453	Sat	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	2-3	1120	15953	Sat	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	2-3	1130	14953	Sat	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	2-3	1140	14353	Sat	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	2-3	1150	13553	Sat	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	2-3	1200	14621	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	2-3	1210	13921	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	2-3	1220	13421	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	2-3	1230	12121	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	2-3	1240	11121	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	2-3	1250	10421	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-3	0600	13562	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-3	0610	14362	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-3	0620	14862	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-3	0630	15962	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-3	0640	16262	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-3	0650	17462	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-3	1100	18253	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	4-3	1110	17453	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	4-3	1120	15953	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	4-3	1130	14953	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	4-3	1140	14353	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	4-3	1150	13553	Mon	Russian intel.	MFSK-16	(AB)
XPB1	5-3	0600	13562	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5-3	0610	14362	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5-3	0620	14862	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5-3	0630	15962	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5-3	0640	16262	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5-3	0650	17462	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5-3	1300	20072	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5-3	1310	19572	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5-3	1320	18372	Tue	Russian intel.	MFSK-16	(AB)

XPB1	5-3	1330	17472	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5-3	1340	16272	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5-3	1350	14972	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6-3	1200	14621	Wed	Russian intel.	MFSK-16	(AB)
XPB1	6-3	1210	13921	Wed	Russian intel.	MFSK-16	(AB)
XPB1	6-3	1220	13421	Wed	Russian intel.	MFSK-16	(AB)
XPB1	6-3	1230	12121	Wed	Russian intel.	MFSK-16	(AB)
XPB1	6-3	1240	11121	Wed	Russian intel.	MFSK-16	(AB)
XPB1	6-3	1250	10421	Wed	Russian intel.	MFSK-16	(AB)
XPB1	8-3	1300	20072	Fri	Russian intel.	MFSK-16	(AB/RL)
XPB1	8-3	1310	19572	Fri	Russian intel.	MFSK-16	(AB/RL)
XPB1	8-3	1320	18372	Fri	Russian intel.	MFSK-16	(AB)
XPB1	8-3	1330	17472	Fri	Russian intel.	MFSK-16	(AB)
XPB1	8-3	1340	16272	Fri	Russian intel.	MFSK-16	(AB)
XPB1	8-3	1350	14972	Fri	Russian intel.	MFSK-16	(AB)
XPB1	9-3	1100	18253	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9-3	1110	17453	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9-3	1120	15953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9-3	1130	14953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9-3	1140	14353	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9-3	1150	13553	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9-3	1200	14621	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9-3	1210	13921	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9-3	1220	13421	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9-3	1230	12121	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9-3	1240	11121	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9-3	1250	10421	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-3	0600	13562	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11-3	0610	14362	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11-3	0620	14862	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11-3	0630	15962	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11-3	0640	16262	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11-3	0650	17462	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11-3	1100	18253	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	11-3	1110	17453	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	11-3	1120	15953	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	11-3	1130	14953	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	11-3	1140	14353	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	11-3	1150	13553	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12-3	0600	13562	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12-3	0610	14362	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12-3	0620	14862	Tue	Russian intel.	MFSK-16	(AB)

XPB1	12-3	0630	15962	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12-3	0640	16262	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12-3	0650	17462	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12-3	1300	20072	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12-3	1310	19572	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12-3	1320	18372	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12-3	1330	17472	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12-3	1340	16272	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12-3	1350	14972	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13-3	1200	14621	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13-3	1210	13921	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13-3	1220	13421	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13-3	1230	12121	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13-3	1240	11121	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13-3	1250	10421	Wed	Russian intel.	MFSK-16	(AB)
XPB1	15-3	1300	20072	Fri	Russian intel.	MFSK-16	(AB)
XPB1	15-3	1310	19572	Fri	Russian intel.	MFSK-16	(AB)
XPB1	15-3	1320	18372	Fri	Russian intel.	MFSK-16	(AB)
XPB1	15-3	1330	17472	Fri	Russian intel.	MFSK-16	(AB)
XPB1	15-3	1340	16272	Fri	Russian intel.	MFSK-16	(AB)
XPB1	15-3	1350	14972	Fri	Russian intel.	MFSK-16	(AB)
XPB1	16-3	1100	18253	Sat	Russian intel.	MFSK-16	(AB)
XPB1	16-3	1110	17453	Sat	Russian intel.	MFSK-16	(AB)
XPB1	16-3	1120	15953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	16-3	1130	14953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	16-3	1140	14353	Sat	Russian intel.	MFSK-16	(AB)
XPB1	16-3	1150	13553	Sat	Russian intel.	MFSK-16	(AB)
XPB1	16-3	1200	14621	Sat	Russian intel.	MFSK-16	(AB)
XPB1	16-3	1210	13921	Sat	Russian intel.	MFSK-16	(AB)
XPB1	16-3	1220	13421	Sat	Russian intel.	MFSK-16	(AB)
XPB1	16-3	1230	12121	Sat	Russian intel.	MFSK-16	(AB)
XPB1	16-3	1240	11121	Sat	Russian intel.	MFSK-16	(AB)
XPB1	16-3	1250	10421	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-3	0600	13562	Mon	Russian intel.	MFSK-16	(AB)
XPB1	18-3	0610	14362	Mon	Russian intel.	MFSK-16	(AB)
XPB1	18-3	0620	14862	Mon	Russian intel.	MFSK-16	(AB)
XPB1	18-3	0630	15962	Mon	Russian intel.	MFSK-16	(AB)
XPB1	18-3	0640	16262	Mon	Russian intel.	MFSK-16	(AB)
XPB1	18-3	0650	17462	Mon	Russian intel.	MFSK-16	(AB)
XPB1	18-3	1100	18253	Mon	Russian intel.	MFSK-16	(AB)
XPB1	18-3	1110	17453	Mon	Russian intel.	MFSK-16	(AB)
XPB1	18-3	1120	15953	Mon	Russian intel.	MFSK-16	(AB)

XPB1	18-3	1130	14953	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	18-3	1140	14353	Mon	Russian intel.	MFSK-16	(AB)
XPB1	18-3	1150	13553	Mon	Russian intel.	MFSK-16	(AB)
XPB1	19-3	0600	13562	Tue	Russian intel.	MFSK-16	(AB)
XPB1	19-3	0610	14362	Tue	Russian intel.	MFSK-16	(AB)
XPB1	19-3	0620	14862	Tue	Russian intel.	MFSK-16	(AB)
XPB1	19-3	0630	15962	Tue	Russian intel.	MFSK-16	(AB)
XPB1	19-3	0640	16262	Tue	Russian intel.	MFSK-16	(AB)
XPB1	19-3	0650	17462	Tue	Russian intel.	MFSK-16	(AB)
XPB1	19-3	1300	20072	Tue	Russian intel.	MFSK-16	(AB)
XPB1	19-3	1310	19572	Tue	Russian intel.	MFSK-16	(AB)
XPB1	19-3	1320	18372	Tue	Russian intel.	MFSK-16	(AB)
XPB1	19-3	1330	17472	Tue	Russian intel.	MFSK-16	(AB)
XPB1	19-3	1340	16272	Tue	Russian intel.	MFSK-16	(AB)
XPB1	19-3	1350	14972	Tue	Russian intel.	MFSK-16	(AB)
XPB1	20-3	1200	14621	Wed	Russian intel.	MFSK-16	(AB)
XPB1	20-3	1210	13921	Wed	Russian intel.	MFSK-16	(AB)
XPB1	20-3	1220	13421	Wed	Russian intel.	MFSK-16	(AB)
XPB1	20-3	1230	12121	Wed	Russian intel.	MFSK-16	(AB)
XPB1	20-3	1240	11121	Wed	Russian intel.	MFSK-16	(AB)
XPB1	20-3	1250	10421	Wed	Russian intel.	MFSK-16	(AB)
XPB1	22-3	1300	20072	Fri	Russian intel.	MFSK-16	(AB)
XPB1	22-3	1310	19572	Fri	Russian intel.	MFSK-16	(AB)
XPB1	22-3	1320	18372	Fri	Russian intel.	MFSK-16	(AB)
XPB1	22-3	1330	17472	Fri	Russian intel.	MFSK-16	(AB)
XPB1	22-3	1340	16272	Fri	Russian intel.	MFSK-16	(AB)
XPB1	22-3	1350	14972	Fri	Russian intel.	MFSK-16	(AB)
XPB1	23-3	1100	18253	Sat	Russian intel.	MFSK-16	(AB)
XPB1	23-3	1110	17453	Sat	Russian intel.	MFSK-16	(AB)
XPB1	23-3	1120	15953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	23-3	1130	14953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	23-3	1140	14353	Sat	Russian intel.	MFSK-16	(AB)
XPB1	23-3	1150	13553	Sat	Russian intel.	MFSK-16	(AB)
XPB1	23-3	1200	14621	Sat	Russian intel.	MFSK-16	(AB)
XPB1	23-3	1210	13921	Sat	Russian intel.	MFSK-16	(AB)
XPB1	23-3	1220	13421	Sat	Russian intel.	MFSK-16	(AB)
XPB1	23-3	1230	12121	Sat	Russian intel.	MFSK-16	(AB)
XPB1	23-3	1240	11121	Sat	Russian intel.	MFSK-16	(AB)
XPB1	23-3	1250	10421	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-3	0600	13562	Mon	Russian intel.	MFSK-16	(AB)
XPB1	25-3	0610	14362	Mon	Russian intel.	MFSK-16	(AB)
XPB1	25-3	0620	14862	Mon	Russian intel.	MFSK-16	(AB)

XPB1	25-3	0630	15962	Mon	Russian intel.	MFSK-16	(AB)
XPB1	25-3	0640	16262	Mon	Russian intel.	MFSK-16	(AB)
XPB1	25-3	0650	17462	Mon	Russian intel.	MFSK-16	(AB)
XPB1	25-3	1100	18253	Mon	Russian intel.	MFSK-16	(AB)
XPB1	25-3	1110	17453	Mon	Russian intel.	MFSK-16	(AB)
XPB1	25-3	1120	15953	Mon	Russian intel.	MFSK-16	(AB)
XPB1	25-3	1130	14953	Mon	Russian intel.	MFSK-16	(AB)
XPB1	25-3	1140	14353	Mon	Russian intel.	MFSK-16	(AB)
XPB1	25-3	1150	13553	Mon	Russian intel.	MFSK-16	(AB)
XPB1	26-3	0600	13562	Tue	Russian intel.	MFSK-16	(AB)
XPB1	26-3	0610	14362	Tue	Russian intel.	MFSK-16	(AB)
XPB1	26-3	0620	14862	Tue	Russian intel.	MFSK-16	(AB)
XPB1	26-3	0630	15962	Tue	Russian intel.	MFSK-16	(AB)
XPB1	26-3	0640	16262	Tue	Russian intel.	MFSK-16	(AB)
XPB1	26-3	0650	17462	Tue	Russian intel.	MFSK-16	(AB)
XPB1	26-3	1300	20072	Tue	Russian intel.	MFSK-16	(AB)
XPB1	26-3	1310	19572	Tue	Russian intel.	MFSK-16	(AB)
XPB1	26-3	1320	18372	Tue	Russian intel.	MFSK-16	(AB)
XPB1	26-3	1330	17472	Tue	Russian intel.	MFSK-16	(AB)
XPB1	26-3	1340	16272	Tue	Russian intel.	MFSK-16	(AB)
XPB1	26-3	1350	14972	Tue	Russian intel.	MFSK-16	(AB)
XPB1	27-3	1200	14621	Wed	Russian intel.	MFSK-16	(AB)
XPB1	27-3	1210	13921	Wed	Russian intel.	MFSK-16	(AB)
XPB1	27-3	1220	13421	Wed	Russian intel.	MFSK-16	(AB)
XPB1	27-3	1230	12121	Wed	Russian intel.	MFSK-16	(AB)
XPB1	27-3	1240	11121	Wed	Russian intel.	MFSK-16	(AB)
XPB1	27-3	1250	10421	Wed	Russian intel.	MFSK-16	(AB)
XPB1	29-3	1300	20072	Fri	Russian intel.	MFSK-16	(AB)
XPB1	29-3	1310	19572	Fri	Russian intel.	MFSK-16	(AB)
XPB1	29-3	1320	18372	Fri	Russian intel.	MFSK-16	(AB)
XPB1	29-3	1330	17472	Fri	Russian intel.	MFSK-16	(AB)
XPB1	29-3	1340	16272	Fri	Russian intel.	MFSK-16	(AB)
XPB1	29-3	1350	14972	Fri	Russian intel.	MFSK-16	(AB)
XPB1	30-3	1100	18253	Sat	Russian intel.	MFSK-16	(AB)
XPB1	30-3	1110	17453	Sat	Russian intel.	MFSK-16	(AB)
XPB1	30-3	1120	15953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	30-3	1130	14953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	30-3	1140	14353	Sat	Russian intel.	MFSK-16	(AB)
XPB1	30-3	1150	13553	Sat	Russian intel.	MFSK-16	(AB)
XPB1	30-3	1200	14621	Sat	Russian intel.	MFSK-16	(AB)
XPB1	30-3	1210	13921	Sat	Russian intel.	MFSK-16	(AB)
XPB1	30-3	1220	13421	Sat	Russian intel.	MFSK-16	(AB)

XPB1	30-3	1230	12121	Sat	Russian intel.	MFSK-16	(AB)
XPB1	30-3	1240	11121	Sat	Russian intel.	MFSK-16	(AB)
XPB1	30-3	1250	10421	Sat	Russian intel.	MFSK-16	(AB)

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AB-F	Ary Boender via remote rx France	Jon-FL	Jon-FL
AB-HNG	Ary Boender via remote rx Hungary	Kalv	Kalvados
AB-KOR	Ary Boender via remote rx South Korea	Lac	Lazycrypt
AB-KWT	Ary Boender via remote rx Kuwait	LK	Leon Koning, Netherlands
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AB-ROU	Ary Boender via remote rx Romania	ON9KVE	Kees
AB-RUS	Ary Boender via remote rx Russia	Pof	Pofistal_975 via Priyom
AB-S	Ary Boender via remote rx Sweden	Priyom	Priyom.org
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EW	Eddy Waters, Australia	TM	Time Machine
Fspy	Feline Spy SWL	UDXSWL	UDXSWL
HFD	Hans-Friedrich Dumrese, Germany	WN	Wiliam Neelin
HFD-J	Hans-Friedrich Dumrese via remote rx Japan	Zok	Zokalal via priyom

APPENDIX

Designators of active stations

Prefixes

E	English language
F	FSK (Frequency Shift Keying) modes
G	German language
HM	Hybrid modes
M(C)	Morse code (Chinese)
P	PSK modes. QPSK (Quadrature Phase Shift Keying) and BPSK (Binary Phase-Shift keying) modes
Q	4+4 QPSK mode
S	Slavic languages
SK	Various modes used by Cuba, incl. (B)PSK, WinDRM
UM(C)	Unid Morse station (Chinese)
V	Voice broadcasts in other languages
VC	Voice Chinese
XP	MFSK (polytone) modes

Active voice stations

Code	Language	Origin	Related stations
E06	English	Russia	E06, S06, M14, F01, F06, F06a
E07	English	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
E11	English	Poland	E11, E11a, S11a, F03, P03
E11a	English	Poland	E11, E11a, S11a, F03, P03
S06	Russian	Russia	E06, S06, M14, F01, F06, F06a
S06b	Russian	Russia	E06, S06, M14, F01, F06, F06a
S06c	Russian	Russian	E06, S06, M14, F01, F06, F06a
S11a	Russian	Poland	E11, E11a, S11a, F03, P03
S25	Russian	Russia	
V07	Spanish	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
V07F	French	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
V13	Mandarin	Taiwan	
V26	Chinese	China	M95, Q26, V26
V28	Korean	North Korea	
VC01	Chinese	China	VC03, MC03
VC03	Chinese	China	VC01, MC03

Active morse stations

Code	Mode	Origin	Related stations
M01	Morse	Russia	M01a
M01a	Morse	Russia	M01
M12	Morse	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
M14	Morse	Russia	E06, S06, M14, F01, F06, F06a
M14d	Morse	Russia	E06, S06, M14, F01, F06, F06a
M21	Morse	Russia	M41
M22	Morse	Israel	
M23	Morse	France	
M41	Morse	Russia	M21
M51a	Morse	France	M51b
M51b	Morse	France	M51a
M76	Morse	?	
M89	Morse	China	
M95	Morse	China	M95, Q26, V26
MC03	Morse	China	VC01, VC03
UM03	Morse	China	
UM04	Morse	Bulgaria	PROMRCh daily schedule
UM05	Morse	France	Morse trining. 24/7 operation
UM10	Morse	?	ID repeated for 10 minutes on two parallel frequencies. Messages are rare

Active digital stations

Code	Mode	Origin	Related stations
F01	FSK	Russia	E06, S06, M14, F01, F06, F06a
F02	MFSK-4/150Bd/4000Hz	Russia	
F03	2FSK, 4FSK	Poland	E11, E11a, S11a, P03
F06	FSK	Russia	E06, S06, M14, F01, F06, F06a
F06a	FSK	Russia	E06, S06, M14, F01, F06, F06a
F07	5 x 16-tone MFSK, 10 Bd, 20 Hz + BPSK, 250 Bd	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
HM01	Voice + WinDRM	Cuba	
M42	Various modes	Russia	
P03	BPSK, QPSK	Poland	E11, E11a, S11a, F03
P07	8-tone OFDM, QSPK, 62.5 Bd, 125 Hz + BPSK, 250 Bd bursts	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
Q26	4+4 QPSK 75/3000 LSB	China	M95, Q26, V26
X06	MFSK-6	Russia	Several variants X06a, X06b, X06c, X06d
XPA1	MFSK-20	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
XPA2	MFSK-16	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
XPB1	MFSK-16	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1

Figures and words used by the various numbers stations

Cut numbers

Chinese cut numbers
(M89, M95, MC03, etc)

A	U	3	4	5	6	7	D	N	T
1	2	3	4	5	6	7	8	9	0

M08a cut numbers

A	N	D	U	W	R	I	G	M	T
1	2	3	4	5	6	7	8	9	0

Q26 conversion

F	J	B	P	G	U	Y	M	C	W
0	1	2	3	4	5	6	7	8	9

Word	E11a	S11a	M03
Attention	Attention	Vnimanye	
Slash /	Oblique	Cirta	— . . . — .
Out	Out	Konets	

Note: M03 and M08a are defunct.

Figure	English	French	German	Mandarin	Spanish	Russian	Arabic
0	Zero	Zero	Null	Ling	Cero	Null	Sifr
1	One	Un	Eins	Yi	Uno	Odín	Wahid
2	Two	Deux	Zwei	Er	Dos	Dva	Itnien
3	Three	Trois	Drei	San	Tres	Tri	Talata
4	Four	Quatre	Vier	Si	Cuatro	Chety're	Arba`a
5	Five	Cinq	Fünf	Wu	Cinco	Pyat'	Xamsa
6	Six	Six	Sechs	Liu	Seis	Shest'	Sitta
7	Seven	Sept	Sieben	Qi	Siete	Sem'	Sab`a
8	Eight	Huit	Acht	Ba	Ocho	Vósem'	Tamanya
9	Nine	Neuf	Neun	Jiu	Nueve	Dévyat'	Tiss`a

Figure	Morse	Vietnamese	E17z	S11a	G06	E11
0	— — — — —	Số không	Zero	Nul	Null	Zero
1	. — — — —	Một	Van	Adinka	Eins	One
2	.. — — —	Hai	To	Dwojka	Twso	Two
3	... — —	Ba	Fwee	Trojka	Drei	Three
4	.... —	Bô'n	Fo	Cienciorka	Vier	Four
5	Năm	Fav	Pietiorka	Funuf	Fiver
6	—	Sáu	Six	Szest	Sechs	Six
7	— —	Ba|y	Seven	Siem	Sieben	Seven
8	— — — ..	Tám	Eight	Wosiem	Acht	Eight
9	— — — — .	Chín	Nine	Diewiet	Neugen	Niner
=	—					
/	—					

Morse characters

A	. -	1	. - - - -	Full stop (period)	[.]	. - . - . -
B	- . . .	2	. . - - -	Comma	[,]	- . . . - -
C	- . . .	3	. . . - -	Colon	[:]	- - - . . .
D	- . .	4	. . . . -	Question mark	[?]	. . - - . .
E	.	5	. . . . .	Exclamation mark	[!]	- . - . - -
F	. . - .	6	-	Apostrophe	[']	. - - - - .
G	- - .	7	- - . . .	Dash or Hyphen	[-]	- -
H	. . . .	8	- - - . .	Slash	[/]	- . . - .
I	. .	9	- - - - .	Left-hand bracket	[(]	- . - - .
J	. - - -	0	- - - - -	Right-hand bracket	[)]	- . - - - .
K	- . -			Quotation marks	[" "]	. - . . - .
L	. - . .			Equals sign	[=]	- . . . -
M	- -	Accented letters		Understood		. . . - .
N	- .	Ä	. - . -	Plus sign	[+]	. - . - .
O	- - -	Á	. - - - -	Invitation to transmit		- . -
P	. - - .	CH	- - - -	Wait	[AS]	. - . . .
Q	- - - -	É	. . - . .	End of Transmission	[SK, VA]	. . . - . -
R	. - .	Ö	- - - .	End of message	[AR]	. - . - .
S	. . .	Ü	. . - -	Starting signal		- . - . -
T	-			Multiplication sign	[×]	- . . -
U	. . -			At sign	[@]	. - - . - .
V	. . . -			Break	[BK]	- . . . - . -
W	. - -			Ampersand	[&]	. - . . .
X	- . . .					
Y	- . - -					
Z	- - . .					

See also

<http://udxf.nl/Morse-document.pdf>

<http://udxf.nl/Russian.pdf>

E11 family digital transmission modes.

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
F03g	BPSK 50Bd/1000Hz/464 bits
F03h	BPSK 100Bd/1000Hz/512 bits
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

P03	Undefined PSK
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
P03k	BPSK 100Bd/480-bit period
P03l	QPSK 100Bd/464-bit period

Notes:

- Bit Period is the time needed to transmit one bit
- Defunct modes F03a, F03b, F11, P03a, P03b, P03c

COLOPHON

"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.

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Relevant mailing lists and websites:

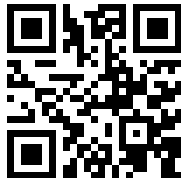
- NUMBERS & ODDITIES <http://www.numbersoddities.nl>
 - SPY NUMBERS ONLINE DATABASE <http://www.spynumbers.com/numbersDB>
 - UDXF - UTILITY DXERS FORUM <http://www.udxf.nl>
 - HF UNDERGROUND <http://www.hfunderground.com/board/>
 - PRIYOM <http://priyom.org/>
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986 48932 70987 32123 49817 26346 81287 65491 87364 81
721 75654 55656 12737 72727 72727 91918 63473 67867 76
723 87629 37677 32612 53498 71296 28756 18276 98716 87
7269 76329 74698 76857 98678 27681 56781 57681 73648 11
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