

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
58765	58765	58765	58765	58765	58765	58765	58765

Numbers & Oddities

a.k.a. The Spooks Newsletter

Edition #295, April 2022

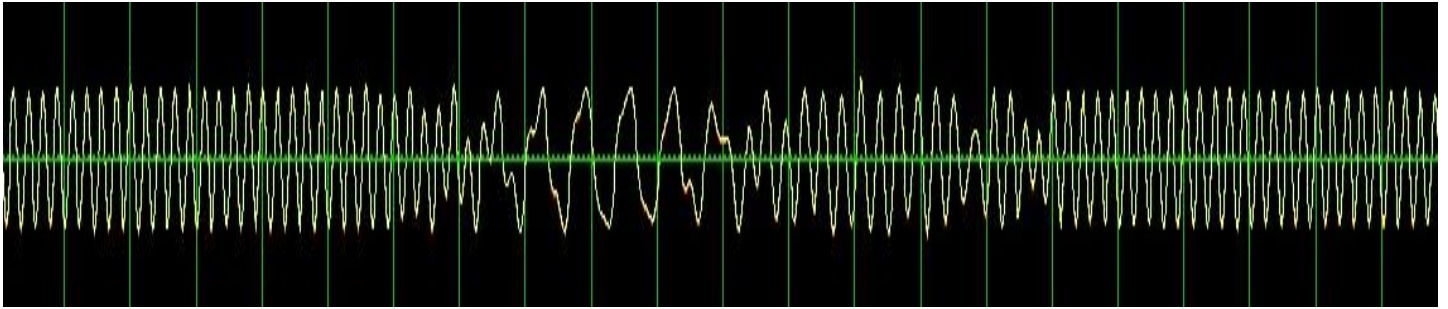
Editor: Ary Boender email: udxf@udxf.nl
 Numbers & Oddities <http://www.numbersoddities.nl>

"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

Welcome to the 295th edition of Numbers & Oddities.

The ugly war in Ukraine is still going on but military voice traffic in MW/SW is seldom heard now. The radio war continues also. Check the Ukraine section for some propaganda transcripts.

HM01 sent new messages for 24 days and repeated the message of the 24th for the rest of the month.

Besides the standard logs and transcripts we have quite some M42b stuff and a short transcript of VC03.

Thanks to all who contributed. Logs, info and background stories are greatly appreciated. We respect your wish to remain anonymous, so don't hesitate and contribute!

VOICE STATIONS

E06

15645/17470 kHz, 07-04/08-04, 0500/0600 UTC

951 423 60
42963 40052 16152 93781 76058 64681 53710 50907 34587 53579
37169 51621 98122 85440 39176 34040 66576 81677 51042 50987
60390 01114 24975 28903 13791 00018 42966 56046 34550 24645
48283 83682 28685 28493 00488 44955 13538 31457 39935 21108
67674 63051 72680 09770 91030 56918 11730 74971 73755 88781
35580 83590 97182 75050 49982 57908 15367 74252 63859 98965
423 60 00000

15645/17470 kHz, 21-04/22-04, 0500/0600 UTC

951 874 62
03527 94633 26442 04153 96665 61546 25210 09486 33925 62743
21609 23137 58399 55952 90576 26259 83696 22180 67975 17268
47377 51650 19004 97575 83630 25921 52557 62162 19870 19641
13737 80868 26953 70362 81692 81347 77687 89867 28978 69614
93342 15429 71625 49135 82823 24455 36100 24383 04211 60945
85346 99806 03360 47205 71103 10148 09222 79250 04673 43039
90609 29339
874 62 00000

Group Count Cycle network

15647/13392 kHz, 01-04, 0300/0400 UTC

361 825 41
86324 97537 81082 80555 33470 34800 45288 42145 99589 33113
59695 49757 22491 06484 94205 27301 68663 97100 83475 41587
14817 76774 02838 25690 83423 18387 94313 52790 30700 29553
03677 65200 10465 65680 14474 88247 62322 64601 89964 83713
97587
825 41 00000

No transmissions on 7 and 8 April

15641/13392 kHz, 14-04, 0300/0400 UTC

15651/13392 kHz, 15-04, 0300/0400 UTC

361 790 43
09366 45627 05010 37920 35624 80662 67166 24921 58261 64723
05437 23968 81330 66008 75432 61238 51312 69914 44154 46814
68992 07207 74586 16383 91680 33846 68577 64428 92948 98415
47727 67371 72063 58078 76932 20088 30333 29015 60308 34242
56522 82263 64154
790 43 00000

15641/13392 kHz, 21-04/22-04, 0300/0400 UTC

361 528 44
30446 48896 66641 52312 37681 36044 42719 61635 65189 59205
92368 07914 30783 78400 45554 65265 01514 86188 26573 37670
84756 31833 18624 00567 29943 98682 94486 73011 83110 45723
68009 93844 61492 49219 46076 00302 40293 05395 85758 32494
68876 80083 86322 12213
528 44 00000

15641/13383 kHz, 28-04, 0300/0400 UTC

15651/13392 kHz, 29-04, 0300/0400 UTC

361 907 45
61855 24840 33899 66509 74268 02233 41159 22559 44553 60382
48247 53256 42205 08850 88384 26844 94072 84969 38756 56750
79854 25113 45543 70544 95674 76275 50632 87201 59149 15187
55913 82361 54402 67130 86116 46252 40457 41654 36121 63981
71446 27361 13671 72881 02073
907 45 00000

11454/14460 kHz, 04-04, 0210/0310 UTC

11454/14456 kHz, 05-04, 0210/0310 UTC

537 168 49
55382 34382 71828 35678 84925 40650 89194 18969 15206 18911
03371 47078 56265 98549 32155 38376 21802 32305 35501 48948
48862 63496 95414 90854 82873 19918 29159 16886 95190 70323
15442 70266 25346 04451 38283 22734 65205 22520 78245 49434
27196 45135 05711 14073 63806 79541 55902 62757 30546
168 49 00000

11454/14456 kHz, 11-04/12-04, 0210/0310 UTC

537 294 50
81162 17163 56751 73454 79893 97329 88880 84231 52694 97222
74317 73992 77960 23727 97072 85715 60202 22524 76158 42467
29779 95472 46224 19327 46227 36045 28521 66955 59910 56279
59387 22779 11640 03667 68438 70695 74981 91417 23656 35257
70918 90545 85556 21268 09575 57208 37630 34721 38666 93729
294 50 00000

11454/14456 kHz, 18-04/19-04, 0210/0310 UTC

537 618 30
55041 60665 13795 51300 57133 97850 84425 83330 88508 95143
94359 57291 14441 78793 49242 48364 20579 00743 02312 65388
39374 39544 02756 11404 46543 51382 94554 96628 19721 32127
618 30 00000

11454/14456 kHz, 25-04/26-04, 0210/0310 UTC

537 492 31
30740 36121 11643 22087 12334 47968 44460 25081 76842 93109
57670 01194 70510 40930 63983 17952 25862 03529 46343 77256
63325 12627 86170 75346 84764 55928 88966 49562 01081 83910
61965
492 31 00000

E07

16331/15831/14831 kHz, 02-04, 1410/1430/1450 UTC

893 893 893 1 990 35 990 35
29774 47882 77164 89856 03944 93338 84457 36045 04231 55181
77903 28307 67904 04949 04453 50330 40557 29383 54632 00275
01360 20987 78201 83807 81449 87425 87248 28449 54323 58287
28141 18998 90743 68672 13004 000 000

17453/18453/19653 kHz, 05-04/07-04, 0700/0720/0740 UTC

446 446 446 1 966 65 966 65
70734 74991 97247 17425 12184 16350 13311 33222 23497 55999
91379 64873 75125 16570 87119 61160 75012 91995 67831 86440
26057 71045 51437 20876 39948 16554 91299 14190 90486 76536
17075 74142 21132 41214 84796 46823 87816 82750 25137 12830
76997 50296 18702 78827 65263 23119 60343 61830 20336 41931
70594 11604 87785 05785 79303 90495 34039 41386 37120 76020
15010 19953 48489 54082 24144 000 000

13417/12117/10717 kHz, 06-04/10-04, 1700/1720/1740 UTC

417 417 417 1 2129 96 2129 96
74753 70249 20009 72213 18753 35351 61655 92990 43091 69818
66111 20825 41959 34521 62818 34566 04286 41712 98226 92302
34366 67769 24259 54067 16763 83254 83677 59008 98572 36898
70816 81126 44781 83191 97681 83897 76369 33956 80897 77897
58537 35475 60672 35297 95252 75429 22839 40716 51115 79511
59088 43007 59820 38255 45757 25258 96584 14526 60831 11881
65562 72646 96282 71270 27921 31570 09554 73035 41749 45069
51273 80777 77288 07407 72023 09909 93056 17685 23014 55652
37575 97541 59336 62308 53210 47560 45406 69719 06038 02504
31758 34206 77272 59769 20611 86545 000 000

12176/11576/10276 kHz, 09-04/16-04, 1300/1320/1340 UTC

152 152 152 1 901 140 901 140
96813 96389 19292 27451 93541 33417 01394 92182 50137 75054
32569 84600 34277 59350 66792 98732 93781 35504 67596 52034
80863 25049 67263 75465 60133 85701 49039 02258 68717 07813
91955 98280 36976 05354 64042 17685 56062 70046 38601 89997
17882 02690 20227 92734 73528 10940 46095 04885 05716 92280
06723 39505 43322 24496 53530 16847 66157 37475 06908 55108
07998 27130 80153 25852 55249 08989 27701 28644 33285 03267
99496 01833 32616 82711 52451 15459 23864 36238 98850 49272
18246 56844 69295 71281 12777 26201 79908 48574 98478 95161
83006 39057 81804 27423 74825 98474 10082 36614 49445 97621
51939 44121 31872 29710 91626 13178 88004 04305 48679 63852
33832 62983 40915 73519 77779 00351 43593 26436 23650 36416
73436 95527 01971 11681 37311 67550 85190 74897 95039 75295
67757 00183 27262 51314 16617 27815 00117 82420 83454 05267
000 000

9261/10261/11461 kHz, 10-04/17-04, 0600/0620/0640 UTC

224 224 224 1 901 140 901 140
96813 96389 19292 27451 93541 33417 01394 92182 50137 75054
32569 84600 34277 59350 66792 98732 93781 35504 67596 52034
80863 25049 67263 75465 60133 85701 49039 02258 68717 07813
91955 98280 36976 05354 64042 17685 56062 70046 38601 89997
17882 02690 20227 92734 73528 10940 46095 04885 05716 92280
06723 39505 43322 24496 53530 16847 66157 37475 06908 55108
07998 27130 80153 25852 55249 08989 27701 28644 33285 03267
99496 01833 32616 82711 52451 15459 23864 36238 98850 49272
18246 56844 69295 71281 12777 26201 79908 48574 98478 95161
83006 39057 81804 27423 74825 98474 10082 36614 49445 97621
51939 44121 31872 29710 91626 13178 88004 04305 48679 63852
33832 62983 40915 73519 77779 00351 43593 26436 23650 36416
73436 95527 01971 11681 37311 67550 85190 74897 95039 75295
67757 00183 27262 51314 16617 27815 00117 82420 83454 05267
000 000

16331/15831/14831 kHz, 14-04/16-04, 1410/1430/1450 UTC

893 893 893 1 1675 35 1675 35
89112 94384 17198 58744 89561 14742 54507 71708 71534 13445
86603 64416 03770 83911 34225 19873 14995 13627 41694 57285
11851 66620 77245 49569 20624 52868 73018 00931 34113 91168
10456 80092 70362 09506 20728 000 000

17453/18453/19653 kHz, 19-04/22-04, 0700/0720/0740 UTC

446 446 446 1 547 143 546 143
35470 36854 85443 67302 02821 09972 85850 50710 14329 96225
47903 26880 41865 70747 52280 26761 35831 85768 37672 83134
10241 29829 57548 65117 22568 18931 66430 26332 07165 57883
05854 57794 93221 58644 59411 49688 56088 69625 58779 24400
57136 08751 08592 21894 91275 22174 91162 51304 19961 25317
75656 17446 72719 68632 59812 95179 82548 55593 01382 48260
60898 20963 83082 52500 12005 98190 29905 19332 07465 98072
66228 12448 70188 76440 12056 62115 40394 13537 27789 03557
82130 07396 44970 16906 56182 07692 30430 37708 85124 45343
92125 32238 14459 75212 13937 15830 12027 59475 95582 25961
66255 07870 32311 80001 24292 04719 79615 64145 12951 96593
98749 66236 48871 68506 49139 32463 10441 26204 49848 26414
11111 97301 55286 11579 69442 14521 29639 32770 81837 87142
85091 86480 40999 01180 74530 54288 75884 66311 56717 42485
99555 24483 10335 000 000

13417/12117/10717 kHz, 20-04/24-04, 1700/1720/1740 UTC

417 417 417 1 2269 81 2269 81
63506 25602 51413 70588 29781 01201 77170 52442 71976 41216
52163 57328 27301 64127 82102 02834 72989 47472 57187 91502
84175 33068 10999 59557 02761 78091 43480 49605 72673 98543
42524 26974 18524 39585 18035 25438 38534 01323 96469 17095
52410 24745 92978 83623 61016 88165 68191 92794 90011 91433
48848 89348 28675 51253 78946 26159 28320 15171 27956 07226
66859 34704 72503 48796 82057 45549 78620 76280 39631 27475
00405 04582 16288 32621 05664 30205 66176 42253 57050 61114
56557 000 000

16331/15831/14831 kHz, 28-04/30-04 1410/1430/1450 UTC

893 893 893 1 892 35 892 35
74614 19558 12862 22174 40730 36109 39811 25197 89053 42227
86141 92228 57895 17123 60202 89242 11048 88034 39145 11876
85384 74036 69053 26959 79639 31693 43744 83360 59829 28497
69344 97254 40778 41385 27307 000 000

E11a

8530 kHz, 01-04/03-04, 1910 UTC

616/39 Attention
87237 09980 19604 47703 11655 01655 99211 08442 55130 61755
56889 66400 41344 04879 36679 62508 89606 00162 14635 58879
79247 16402 05348 49998 29935 74519 29128 11693 29247 51474
44894 93620 56381 49924 56644 38881 90923 89743 23183
Attention (message repeated) Out

9079 kHz, 02-04/03-04, 0700 UTC

491/34 Attention
34661 00364 42311 33115 84248 47018 19432 92827 45917 19000
04108 88281 63309 19584 50378 49577 06266 29463 73728 48697
12606 12074 19743 03444 78536 67187 60148 42691 03749 71001
99911 49987 96405 46397
Attention (message repeated) Out

15632 kHz, 04-04/06-04, 0715 UTC

751/35 Attention

24464 17556 66095 15157 86574 11866 30380 39235 26923 35599
20643 98878 84548 84423 19019 10705 77050 63205 70373 96221
58709 23941 51045 98223 45302 04127 35569 37933 73893 39183
11416 04956 36597 70449 56884

Attention (message repeated) Out

13470 kHz, 04-04, 1745 UTC

247/33 Attention

97145 20202 11983 89519 26730 48217 12545 98661 16741 29468
12638 35167 20599 82448 57856 27053 94120 03586 11744 63280
30205 96776 62152 00743 11579 11854 40933 40189 44259 86288
51354 69800 60607

Attention (message repeated) Out

9963 kHz, 05-04/08-04 UTC

639/35 Attention

55482 51865 17285 24569 75836 82973 69919 80861 68742 30563
95864 31705 86740 79243 41227 02637 65493 53789 55150 14369
28935 34332 70580 89152 00163 34016 29604 31084 71957 88141
15482 83889 62838 35337 82332

Attention (message repeated) Out

14865 kHz, 05-04/07-04, 0745 UTC

227/32 Attention

99657 79412 40243 85889 90463 00975 78305 50886 13377 01217
88505 50915 21279 08325 51274 39120 92012 22793 02867 31187
74121 47302 15585 47328 60235 62093 03247 32949 14347 04002
10287 46814

Attention (message repeated) Out

13908 kHz, 05-04/07-04, 0845 UTC

152/20 Attention

75309 39612 85059 67827 90120 22197 23712 41009 99580 10253
32653 33316 07243 73055 92961 71731 86131 90949 02182 41246

Attention (message repeated) Out

12530 kHz, 05-04/07-05, 1230 UTC

335/36 Attention

78259 16260 30017 53156 38284 83005 89069 21014 51153 82447
07786 15570 45789 82160 24483 49070 82260 66174 71674 15729
77522 24642 21679 00360 11790 12413 35149 29930 21375 59342
68782 89289 99310 08424 32779 34608

Attention (message repeated) Out

17410 kHz, 06-04/08-04, 0745 UTC

340/36 Attention

88376 20059 18460 00077 62093 56502 64842 41627 97282 80058
35206 81319 80018 26633 40178 57718 91710 59407 54970 69361
66488 09482 25433 32043 08029 52672 51424 31338 27461 09821
12953 14544 62819 62996 76913 82125

Attention (message repeated) Out

6923 kHz, 06-04/08-04, 1715 UTC

977/36 Attention

45799 31219 95598 27728 85587 20831 75774 04332 60354 63746
76253 36380 66503 54484 70698 81895 52413 26407 10577 05878
59434 33412 99035 91709 42438 31559 13837 30138 35111 92257
19821 66763 11715 09219 16772 16397

Attention (message repeated) Out

5941 kHz, 07-04/08-04, 0820 UTC

434/34 Attention

68501 43411 27133 32448 74684 73548 51889 42257 48890 49969
17621 46757 80572 05705 12461 09038 98385 78541 72377 66041
86768 09922 73704 36777 26130 13247 65396 57977 44129 30167
39137 58749 15736 97828

Attention (message repeated) Out

13470 kHz, 10-04, 1745 UTC

247/33 Attention

97145 20202 11983 89519 26730 48217 12545 98661 16741 29468
12638 35167 20599 82448 57856 27053 94120 03586 11744 63280
30205 96776 62152 00743 11579 11854 40933 40189 44259 86288
51354 69800 60607

Attention (message repeated) Out

10213 kHz, 11-04, 0745 UTC

10330 kHz, 14-04, 1530 UTC

266/35 Attention

65636 72408 29544 78185 28835 48737 93719 38840 99604 29796
46700 24073 45924 40472 82873 69112 18723 73620 22475 99962
75572 59489 71299 52959 88680 44194 52255 45377 00322 07051
33162 91540 67095 15021 08213

Attention (message repeated) Out

15905 kHz, 11-04/15-04, 0830 UTC

188/22 Attention

12636 70217 39665 33437 94435 61431 84578 51023 03223 66088
71171 97833 98406 65636 12078 86724 94092 95187 56524 68283
33095 60277

Attention (message repeated) Out

9968 kHz, 11-04, 0900 UTC

538/36 Attention

30458 99713 84266 50066 46431 64944 89298 85353 78938 38003
85774 43975 72002 06598 64704 89924 64772 26045 82975 45935
83600 58891 27281 33980 32684 15916 48713 26367 79486 05827
81079 23778 70045 36816 08924 00445

Attention (message repeated) Out

7317 kHz, 11-04/13-04, 1045 UTC

698/26 Attention

53389 76104 07760 26277 65869 92645 88362 21305 68893 96105
31032 26116 40394 79337 75765 59943 79761 28221 73577 82145
74269 89440 46668 64491 73532 59881

Attention (message repeated) Out

8423 kHz, 12-04/14-04, 0645 UTC

514/38 Attention

02649 14355 40849 27175 57294 57236 46912 79456 98784 02687
64835 56035 50689 43174 09272 45997 81602 39849 60297 02783
65596 09036 02001 90328 49049 57189 40860 20393 15368 31933
11147 64034 13131 79868 53246 09636 80469 00782

Attention (message repeated) Out

14972 kHz, 12-04/16-04, 1430 UTC

912/39 Attention

26877 50545 46092 66490 88866 78417 58235 02511 17888 06082
20032 73157 94146 21433 91733 04606 54287 52817 32834 63121
47611 77866 00414 66238 90465 80504 37630 90224 12046 53138
55895 51877 32299 58902 33925 32110 51563 68029 04795

Attention (message repeated) Out

11092 kHz, 13-04/14-04, 0315 UTC

251/30 Attention

76729 94894 02315 11868 81683 59812 05316 12328 19897 11310
38734 93594 70569 69429 74703 30754 95629 70377 17572 34264
57321 73421 36064 25640 78274 23127 85953 79230 21322 53879
Attention (message repeated) Out

4181 kHz, 13-04/16-04, 1910 UTC

391/34 Attention

46644 39233 62454 28284 67051 77277 63404 39830 07600 36174
88366 71764 64307 68152 07166 60086 15497 59048 45932 89109
60139 20849 72807 38709 51326 15526 75523 68722 17423 64618
28487 39488 35736 27303
Attention (message repeated) Out

5737 kHz, 14-04/17-04, 2000 UTC

520/35 Attention

23556 76228 51912 07013 97287 49581 00908 91182 41027 66250
55696 38853 94547 25805 89159 69875 72839 07576 89037 08801
19247 89977 28826 39385 07581 00668 59267 03194 10654 10052
84081 10356 62143 38679 65104
Attention (message repeated) Out

8680 kHz, 15-04/17-04, 0600 UTC

359/35 Attention

53492 31693 45951 30800 67924 92715 24087 65983 17140 08604
47952 30736 78747 38536 33709 68788 62824 78542 27519 05039
07661 39165 05968 61877 86631 42777 41890 99200 61487 05625
74451 49412 64034 24767 05535
Attention (message repeated) Out

4505 kHz, 16-04/17-04, 1530 UTC

364/32 Attention

36623 06899 87090 78479 46421 91197 78885 60867 27100 23462
15383 69310 75784 93291 16500 93625 26045 18779 80906 13805
21743 15978 83319 19913 41255 71791 49608 96657 85929 29442
64312 72908
Attention (message repeated) Out

5371 kHz, 18-04/21-04, 1300 UTC

316/37 Attention

31527 91358 45617 80776 62299 04809 88524 36728 72632 48632
31780 90794 78934 35913 01042 10070 38083 98866 74015 74722
50729 09914 79171 81424 17059 12568 55129 76002 79343 75009
93974 28897 75969 18022 88487 00441 75874
attention (message repeated) Out

7317 kHz, 18-04/21-04, 1900 UTC

646/32 Attention

68179 58433 85205 78939 33833 84646 52290 64313 99472 08739
70522 46836 79659 06680 55759 80658 63255 52512 60816 60710
89069 56088 73549 04666 88561 58205 82934 87678 89801 21772
24114 07617
Attention (message repeated) Out

8180 kHz, 19-04/22-04, 0700 UTC

573/35 Attention

75366 86687 74415 82204 73150 97080 75448 76809 16335 46418
18957 82419 73071 79307 20072 93588 09289 70348 02169 82400
43034 20667 55576 26550 02279 95747 36341 50520 92745 70328
57177 37222 78726 26146 45010
Attention (message repeated) Out

6923 kHz, 19-04/20-04, 1205 UTC

463/31 Attention

84816 57039 49863 89211 44974 43426 34177 33730 52964 19595
87647 35587 84848 40014 99101 39148 16177 43694 54739 78928
19274 91220 40479 05523 35928 28001 22229 94159 81481 41300
23696

Attention (message repeated) Out

5176 kHz, 19-04/24-04, 1605 UTC

237/33 Attention

59486 64476 97323 12427 19694 40070 78242 36004 87425 49834
16351 44314 76145 63203 91511 51701 54690 74816 42986 61662
12357 34502 62549 41754 97580 63492 43466 67972 27935 87730
03369 52701 52906

Attention (message repeated) Out

6940 kHz, 19-04/21-04, 0930 UTC

276/33 Attention

81080 34009 46456 18971 29220 03923 82048 31889 25646 67457
42978 42323 23374 37134 58843 17974 91354 68703 20675 16448
09316 68512 77107 09406 85209 61825 41270 51983 42269 86845
80168 48992 97811

Attention (message repeated) Out

11116 kHz, 22-04/24-04, 1815 UTC

929/37 Attention

80653 15980 49201 45804 78668 72789 40307 06809 21935 60105
54534 57158 52683 84519 05495 85035 33510 34020 73732 52485
11124 92634 94989 20660 35075 75304 01035 49145 65425 15141
95245 97497 13602 23683 30087 46066 68814

Attention (message repeated) Out

14865 kHz, 25-04/27-04, 0640 UTC

945/34 Attention

86127 95632 73212 77635 46896 69393 29746 22374 29257 84881
33312 51382 47616 98251 54528 26536 42540 50273 28176 24165
94418 17422 06135 38389 49974 59074 77281 66127 89587 33514
06477 76284 75445 04009

Attention (message repeated) Out

12202 kHz, 25-04/27-04, 0845 UTC

715/39 Attention

08068 78310 89445 85658 63688 38576 53685 20361 10426 39199
74281 94268 46630 46144 82204 69393 39816 42093 65767 68647
36184 48610 56967 66757 23360 14273 62276 14787 44490 66277
57687 41146 74198 19285 50083 06184 36317 75185 39680

Attention (message repeated) Out

19184 kHz, 26-04, 0820 UTC

134/35 Attention

92615 92804 73827 60262 65793 66015 95226 99424 06137 32727
32498 77720 22065 74686 43395 96492 34251 66669 07441 24634
45260 62783 37067 70899 52073 62076 72592 16038 62793 57983
13373 76221 02086 51506 15922

Attention (message repeated) Out

9951 kHz, 26-04/28-04, 1000 UTC

308/40 Attention

85807 79222 28822 20982 77687 29182 68384 75171 18067 84173
61756 06075 40739 10568 68828 90745 69963 10511 76260 32942
77364 76900 14354 56490 14958 29634 52558 00631 83024 09726
58915 32316 58144 73983 16550 08394 02054 20041 16745 02187

Attention (message repeated) Out

7864 kHz, 28-04, 1730 UTC

411/35 Attention

16322 23126 16713 58758 83184 79098 87971 37672 69417 35189
82896 40200 87205 57321 02879 35948 34588 81348 00164 54670
41338 43729 12618 82032 55223 68231 09508 51796 21510 68721
55099 54916 86287 02569 88774
Attention (message repeated) Out

E17z

No transmissions due to the Russian invasion.

S06

Group Count Cycle network

19078/16318 kHz, 01-04, 0830/0930 UTC

842 153 46

53788 92527 03120 69891 44413 03367 70021 88536 61351 21753
06115 68216 47913 55811 84900 15867 10914 75340 08973 87400
19648 50413 21732 40024 36198 46702 02786 03010 38044 82237
70485 84102 18881 75277 40025 53778 78606 37980 10543 74497
38400 95558 79665 67190 41843 35619
153 46 00000

19078/16318 kHz, 07-04/08-04, 0830/0930 UTC

842 690 47

39519 54633 83531 09416 44661 69279 55634 35308 55986 10123
55460 85022 20300 24355 59754 21276 21079 53838 75265 39989
23845 30755 60733 98996 13444 32729 46244 33563 65402 08356
04632 32163 18548 09081 54630 70945 41097 88365 00431 30327
07383 54071 37374 42159 27409 85009 78428
690 47 00000

19078/16318 kHz, 14-04/15-04, 0830/0930 UTC

842 351 48

99037 78405 33911 72088 27766 62858 10527 78381 32636 40844
01741 06418 60284 54606 39065 90195 37906 01124 87444 29710
16822 68723 22084 43830 80608 96449 19042 92019 97455 54625
51779 25844 21457 70039 10860 56201 72510 44204 88977 47212
49518 38114 98499 72710 56578 21947 13728 96262
351 48 00000

19078/16318 kHz, 21-04/22-04, 0830/0930 UTC

842 760 49

36739 15339 65890 94422 81031 84135 26527 80774 28148 94060
35667 63011 16829 99047 39122 25924 24702 30668 86918 55457
35586 53403 03386 57906 79158 81723 66324 24498 97670 32430
62447 77338 19405 10681 11270 57640 43556 53149 74654 42167
66227 76750 94178 98845 02224 06368 23531 17473 82339
760 49 00000

19078/16318 kHz, 28-04/19-04, 0830/0930 UTC

842 139 50

83401 20553 25959 12211 69363 58649 17949 79976 48740 65610
39739 06961 89369 74925 05339 71001 94377 46930 14937 40597
19021 96753 13392 61104 70437 36816 21474 04711 26243 13568
38301 76363 32911 43150 38406 92832 69884 75672 11862 77120
90333 42790 20920 35383 74525 68266 71586 08559 56715 46217
139 50 00000

11487/9412 kHz, 02-04, 1300/1330 UTC
13945/11128 kHz, 03-04, 0930/1000 UTC

480 793 41
67421 97700 61483 28452 43208 78646 87173 43262 04309 72604
46472 76509 47464 91755 34140 31170 87099 87476 50135 80378
36826 77384 32258 43795 81190 22191 26184 16869 81013 09636
72604 93390 46472 76509 47464 91755 34140 31170 87099 87476
80378
793 41 00000

11487/9412 kHz, 09-04, 1300/1330 UTC
13945/11128 kHz, 10-04, 0930/1000 UTC

480 651 42
73746 95785 34200 61430 27548 96964 43742 38222 82233 19822
00621 22894 94543 02359 17202 33903 47724 14863 70931 67461
57923 15689 38290 64137 99288 71561 84703 48826 40681 18838
50440 33147 78759 64791 17214 63791 24926 19009 37644 43254
06973 93248
651 42 00000

11487/9412 kHz, 16-04, 1300/1330 UTC
13945/11128 kHz, 17-04, 0930/1000 UTC

480 729 43
99625 71339 69531 12708 92028 19160 26665 57696 44576 21605
38872 29052 63405 35848 23128 89060 02032 01790 18411 66539
89817 46338 63102 37871 29829 19860 90023 39302 58963 10418
46472 76509 47464 91755 34140 31170 87099 87476 74804 95315
02521 55044 77254
729 43 00000

11487/9412 kHz, 23-04, 1300/1330 UTC
13945/11128 kHz, 24-04, 0930/1000 UTC

480 153 44
61188 95389 50048 39275 46166 33523 55941 82452 21222 19101
00621 22894 94543 02359 17202 33903 47724 14863 70931 67461
57923 15689 38290 64137 05660 12561 99127 26660 43262 00411
73746 95785 34200 61430 27548 96964 43742 38222 82233 19822
44229 96640 58228 64164
153 44 00000

11487/9412 kHz, 30-04, 1300/1330 UTC

480 926 41
77479 03752 62892 95901 70394 16432 54239 60685 45440 93446
16377 82115 50637 57420 10276 03243 48730 41612 13948 73415
55663 25581 77890 31175 47907 42842 41314 59321 99407 13073
89496 01428 13748 38932 10878 44775 21692 07355 01994 73310
61447
926 41 00000

S06s

No transmissions due to the Russian invasion.

8597 kHz, 11-04, 0700 UTC

476/31 Vnimanije

32474 12367 28888 22451 26532 94696 37703 30011 23488 21932
51581 02081 14646 91233 10256 52665 36490 17658 68401 61744
72672 74257 07466 74372 17096 23475 95928 62791 75195 66974
27041

Vnimanije (message repeated) Konets

6480 kHz, 18-04/22-04, 0915 UTC

485/38 Vnimanije

79158 29023 33956 32004 42309 52382 63669 81327 53280 15603
01818 22471 96232 32372 99395 41684 85873 87741 75864 43951
76624 29428 39191 69067 07697 28145 00020 04225 19632 25472
39956 93901 83677 95588 51216 78485 07134 55287

Vnimanije (message repeated) Konets

14769 kHz, 19-04, 0500 UTC

389/36 Vnimanije

09181 54999 59741 17412 13947 44846 90524 33792 70979 45884
96441 66748 20570 68955 19029 86958 17607 93885 98134 11325
20801 35238 60762 43838 33982 08254 11289 58671 52344 49048
08571 81612 31452 33814 58412 27361

Vnimanije (message repeated) Out

6433 kHz, 23-04/24-04, 0830 UTC

378/34 Vnimanije

46183 47135 67745 51417 89100 49420 67847 93165 02416 66321
40521 36491 57432 76755 55078 81735 22846 88555 60473 80225
62709 97078 64344 93893 15734 16372 06802 69112 37300 71157
15858 17331 66677 07149

Vnimanije (message repeated) Konets

11116 kHz, 25-04/27-04, 0510 UTC

650/34 Vnimanije

98251 75437 50428 26718 63530 22756 72347 54587 67390 27119
99160 36960 99831 96594 40780 27088 12924 42440 46055 77727
52531 06660 03227 24972 69289 41976 21576 12327 96527 92483
17492 10747 07787 83114

Vnimanije (message repeated) Konets

6797 kHz, 26-04/29-04, 1400 UTC

421/38 Vnimanije

39623 68678 32093 54845 90421 45287 82453 49462 44477 14584
42205 88688 36017 83930 94582 21876 10801 48345 15328 03514
01399 40796 97008 20372 89948 88333 23407 28267 13209 35858
98954 81681 52183 12820 27627 85861 45010 40741

Vnimanije (message repeated) Konets

10213 kHz, 27-04/30-04, 1850 UTC

280/34 Vnimanije

84804 78971 00933 23530 79136 79588 64778 91382 92048 95103
88874 98802 94256 42510 68964 63173 76488 38590 74860 48803
19396 26862 31732 36904 59760 55481 05163 20119 95330 16460
89566 46163 03870 44753

Vnimanije (message repeated) Konets

V07

12218 kHz, 10-04, 0300 UTC

254 254 254 1 617 88 617 88
48733 58115 40126 59014 44299 10265 76777 40467 71726 16332
73568 47850 59632 82662 73253 17810 37940 09294 05989 95124
46315 88475 60336 65957 00237 82703 01343 19332 21185 00063
69643 56219 48601 50046 74522 08897 81130 42100 59927 74341
87173 87457 59166 44058 35732 87673 01077 37000 40728 37378
36128 37268 97989 78127 20039 27161 26267 23481 55363 14850
70264 08417 64546 22574 06044 28147 83733 49604 35735 78715
03401 77532 09681 57794 44093 44348 83793 10203 31733 13708
53759 32053 19135 74767 72208 12410 77518 75170 000 000

12218 kHz, 24-04, 0300 UTC

254 254 254 1 466 98 466 98
19103 56789 71023 03922 68795 22870 84479 52475 13539 00826
40869 85853 03807 10630 60311 80782 74048 44118 51611 34478
64497 26219 21018 75658 92820 25053 27996 88182 41316 13169
58614 49978 61176 51136 91157 67179 81131 52175 62855 57858
52085 40227 75068 18389 56173 84028 98830 75723 03282 61651
41444 64583 53941 39594 72700 83779 86002 85953 83815 01079
65771 31434 03909 33373 67709 20164 69371 57308 00846 64724
48135 74357 32006 98650 71747 77380 02178 71672 28314 33435
11092 25031 83687 85282 69029 19941 54133 44786 68418 23942
97791 79483 74245 70441 74913 33367 80165 40221 000 000

VC03 – a.k.a. Chinese Robot (Chinese Air Defense)

5157 kHz, 17-04, 1048 UTC, LSB, in progress. Transcript by Anon.

7771 4487 6935 5335 3569 4903 4001 3830 4634 5796
4118 0931 9556 5662 4315 3204 1090 9801 7701 4948
8441 2051 3052 2777 4372 8647 0436 9650 1056 7303
2218 7740 5670 0694 5914 3315 4210 8887 5853 4030
1013 0625 8730 3347 1334 8270 9036 7852 5069 1880
(Can't catch up)

1446 0781 6547 5636 8416 0671 1883
300 2238
133 171 1254 24186 8784
133 171 1254 44186 8737
360
888 266 13 402
388 266 45
844 2142 7607 162
133 171 1254 48186 8201
133 171 1254 71186 8441
133 171 91186 1013
133 171 99186 5069

MORSE STATIONS

M01

6260 kHz, 02-04, 1500 UTC. Repeat errors

463 125 125 30 30 = =
16167 89890 23567 56567 35457 89765 12312 56567 36278 14145
36786 89890 16745 62517 45637 89876 13413 26265 17658 35267
16478 28289 45637 65748 12123 89890 16167 46372 17176 28287
= = 125 125 30 30 000

6510 kHz, 03-04, 0700 UTC

463 367 367 30 30 = =
 16789 23235 56784 85967 23236 10987 56747 89890 13134 26175
 17174 90876 25256 17176 26890 45367
 I missed the rest due to a recording error.

5475 kHz, 05-04, 1800 UTC

463 147 147 30 30 = =
 87634 56732 23874 78234 56232 87342 65232 76543 65231 98213
 76343 98272 26371 34653 12823 43678 23415 43893 76342 58734
 73463 25321 76423 45623 84732 23564 93842 74633 63453 34786
 = = 147 147 30 30 000

6260 kHz, 09-04, 1500 UTC

463 418 418 30 30 = =
 49044 99236 84647 92375 18506 20756 79606 01544 32026 81011
 74935 75740 32416 83757 39131 91405 77970 66831 09742 34600
 53178 26088 56865 83188 91529 24006 05114 05325 39115 62080
 = = 418 418 30 30 000

6510 kHz, 10-04, 0700 UTC. Errors in red

463 153 153 30 30 = =
 05454 83421 07886 42130 58710 42131 78091 83142 56031 40156
 83423 01524 68013 80719 03421 83142 **708113** 70813 00421 43015 79130
 84567 83210 52631 **52731** 48132 84314 83041 76543 03214 82162 83014
 153 153 30 30 = = 000

5475 kHz, 12-04, 1800 UTC

463 632 632 30 30 = =
 87634 74653 78346 67534 23781 78634 65323 87645 65342 78645
 76532 65342 97743 67542 67543 65342 65341 78563 83756 65342
 78653 76453 78645 76453 76451 45343 87453 76543 65342 98475
 632 632 = = 30 30 000

5475 kHz, 14-04, 1800 UTC

463 615 615 30 30 = =
 65412 32856 35623 81239 35231 95673 47568 54782 48756 64857
 86754 45376 37564 34762 37654 34567 63645 34734 36571 75613
 83478 65432 36482 43657 36452 38467 32894 63478 34873 37642
 = = 615 615 30 30 000

5020 kHz, 14-04, 2000 UTC

463 774 774 30 30 = =
 65432 65342 36874 36423 32562 87346 34763 36721 57864 56734
 87450 45678 67423 38741 45673 57463 98345 36578 87345 38476
 73486 36745 34762 46532 65342 32746 36845 76435 36745 64785
 = = 774 774 30 30 000

6260 kHz, 16-04, 1500 UTC

463 835 835 30 30 = =
 29187 64514 84515 20918 85617 75649 81321 02981 20918 20956
 20918 20956 74514 64514 85615 73019 90567 10946 20198 10945
 09451 35876 20198 20924 20918 75649 21098 10561 10204 09471
 = = 835 805 30 30 00000 (5 zeros instead of 3)

6510 kHz, 17-04, 0700 UTC. Sent only 29 groups

463 491 491 30 30 = =
 27190 20918 28451 43613 85610 95618 75645 82300 28176 29856
 57254 32095 62828 20918 29857 46132 23109 75439 85610 20195
 75623 20198 65734 86714 86715 09834 65471 54310 92876
 = = 491 491 30 30 0 0 0 0 (4 zeros instead of 3)

5475 kHz, 19-04, 1800 UTC

463 158 158 30 30 = =
 36872 53674 36742 64532 34867 34682 36742 34682 78346 36542
 74332 63872 65743 53425 97842 34654 85764 34622 36453 34970
 83476 34682 34658 78546 45863 54673 79816 54673 85673 57684
 = = 158 158 30 30 000

5475 kHz, 21-04, 1800 UTC

463 for less than a minute, then off

5020 kHz, 21-04, 2000 UTC

463 446 446 30 30 = =
 44665 78900 00987 76543 34567 12345 54321 33554 65789 87654
 55667 00990 88990 76780 57689 98765 54321 12345 67890 09976
 33554 77660 89000 76543 34567 12345 54321 67890 09876 66557
 = = 446 446 30 30 000

6260 kHz, 23-04, 1500 UTC

463 697 697 30 30 = =
 84753 48365 43322 36421 83657 47632 85742 76542 57464 47532
 45768 75436 36754 34653 76423 35764 47562 76342 76354 53642
 63745 34678 73746 37486 34876 36457 37894 83274 34869 73462
 = = 697 697 30 30 000

6510 kHz, 24-04, 0706 UTC. Late start

463 936 936 30 30 = =
 73456 74563 47652 78653 54343 87654 85467 63423 67543 85634
 86745 75612 54698 43798 67548 36745 34897 65432 93847 34657
 89734 44365 37465 37645 38743 76834 83456 36475 36748 64753
 = = 936 936 30 30 000

5475 kHz, 28-04, 1800 UTC

No problems during the first 18 groups but a mess after group 18.

463 835 835 30 30 = =
 48172 29851 74514 20954 27618 85716 75615 65651 47165 82615
 20956 73415 64518 20918 75610 21981 28716 05617 201801 5617656
 20980 8567456 309 49 2851 9520193 21 10114 101423141 211
 1092102121092219 209 02
 835 835 30 30 000

6260 kHz, 30-04, 1500 UTC. Error in the postamble

463 341 341 30 30 = =
 92584 56476 75134 54321 20982 10956 74615 47165 20918 20918
 10498 20918 12345 20918 56019 72431 86510 73109 20951 20951
 78945 29587 30961 56196 75187 97815 43131 10945 20956 20956
 31 341 30 30 = = 000

M01a**10559 kHz, 13-04, 0906 UTC, i.p.**

564 564 564 88943 88943 88943
 564 564 564

5410/5510 kHz, 11-04, 1453 UTC

111 111 111 111

5510 kHz, 11-04, 1458 UTC

111 111

9214 kHz, 13-04, 0708 UTC, i.p.

641 641 641 65986 65986
 641 641 641 65900 65900

4641 kHz, 13-04, 0745 UTC, i.p.

187187 187 16725 16725

111

33300

333

333 16355

16355

333 16355

4321 kHz, 13-04, 0708 UTC, i.p.

333 39752

333 39593

333 1417 18

111 999 821 07 = 31128 66853 32833 10017 21493 32633 19899 = 821 07

111 821 07 = 31128 66853 32833 10017 21493 32633 19899 = 821 07

111 000

4471 kHz, 13-04, 1259 UTC, i.p.

111

333 19

333 999 716 10 = 24851 14230 14250 75423 45957 24851 71248 29351 54205 78654 = 716 10

111 000

7406 kHz, 13-04, 1340 UTC

111 111

333 333 66

111 000

4471 kHz, 13-04, 1249 UTC

417 142 10 = = 85631 47592 68514 75423 45957 24851 14230 24654 12345 75361 = = 142 142 10 10 000

5391 kHz, 13-04, 1504 UTC, i.p.

333 09

333 10

333 22

333 23

333 24

333 24

333 25

333 32

175 12 = 47575 67858 98096 27825 94662 25988 10090 75000 53234 49063 49049 53234 = 175 12

333

333

111 = 175 12 111 =

47575 111 =

67858 111 =

67858 111 =

67858 111 =

27825 111 =

27825 111 =

94662 111 000

6882 kHz, 20-04, 1205 UTC

322 322 322 80329 80329

5761 kHz, 21-04, 1124 UTC

470 470 470 83006 83006

111 000

111 000

5311 kHz, 21-04, 1143 UTC

911 911 911 61825 61825

111 000

7998 kHz, 26-04, 1335 UTC

263 263 263 76378 76378
 263 263 263 77661 77661
 111 000
 263 263 263 111 000

5447 kHz, 27-04, 1412 UTC

948 948 948 04478 04478
 333 00
 111 999
 999 148 05 / 45677 34464 78994 45677 34464 / 148 05 000
 111 333 01 45677 000 000

M12

13391/13891/14791 kHz, 0800/0820/0840 UTC

13391/13891/14791 kHz, 01-04, 0800/0820/0840 UTC

387 387 387 1 8245 69 8245 69
 56681 71612 02271 48921 99724 17160 37339 42286 60367 23139
 37523 14180 39644 07134 32681 50536 28845 43690 26392 82137
 35727 73501 69252 92268 64127 37024 61607 44266 09964 03875
 09210 19466 96955 74788 79095 21632 18192 61937 14344 74433
 70032 34348 81196 99794 29118 69899 04657 63759 99964 41370
 69864 22442 36759 21589 31250 02509 59902 79676 52127 27931
 12052 13716 45514 82319 80395 51973 29855 07453 08396 000 000

7575/8175/9175 kHz, 2100/2120/2140 UTC

7575/8175/9175 kHz, 01-04/02-04/08-04/09-04, 2100/2120/2140 UTC

511 511 511 1 7946 106 7946 106
 09171 24274 35719 09553 25658 65688 94302 08777 30374 12283
 50874 04055 37494 31305 60700 89241 60903 45290 44087 33352
 24427 81785 69705 36245 53737 95303 05675 45081 91062 40610
 75346 77715 90093 56181 55900 97015 96866 60646 67431 24973
 63881 25413 59543 54692 23042 30711 01347 62340 31006 63968
 57844 20968 07604 16575 12020 24465 41200 61356 94483 21661
 04639 82796 69718 61863 22611 00665 56823 47795 48997 35725
 11547 09335 32711 36142 64140 66339 01349 75675 18935 91478
 25436 27509 51219 47739 81512 11128 40910 58521 77770 84688
 53244 22804 26620 54826 60478 45414 15125 19304 37195 14640
 48084 68011 70319 69065 93933 96753 000 000

7575/8175/9175 kHz, 15-04/16-04/22-04/23-04, 2100/2120/2140 UTC

511 511 511 1 426 136 426 136
 85761 39827 84954 20031 30749 12785 34786 88476 59165 62667
 82452 54810 55059 28430 09064 16584 60622 43284 99636 38715
 77904 25906 31278 01419 48249 63912 07788 94080 42556 37228
 95000 39300 04556 20206 58376 02318 12051 18305 12176 28599
 15769 40294 05428 49624 59161 47129 52750 22852 32745 07552
 04746 48815 48142 94925 80147 56150 33571 20326 95528 57832
 44236 82899 16132 12605 38853 03832 07468 67703 05398 62166
 81320 81343 04751 94579 58555 63689 49660 90114 17260 85277
 17050 74668 47241 62087 02782 94946 56551 35378 21553 93919
 20342 39113 24213 09071 18637 42249 38305 54780 85259 23402
 60161 04939 75267 12051 99683 66582 49541 88735 03250 77117
 68218 16350 72485 66516 11722 40079 58334 84006 08373 86742
 70473 60471 89250 64859 37601 80751 03971 32251 46893 09023
 79565 04527 93878 70802 67278 26226 000 000

7575/8175/9175 kHz, 29-04/30-04, 2100/2120/2140 UTC

511 511 511 1 3753 140 3753 140
40326 67774 47907 30897 09635 95610 97093 12911 67858 87243
81970 92842 75918 29601 83735 66723 03543 56833 97447 72396
18683 14933 49685 34759 67440 90111 39880 43971 40645 05964
38904 17484 78915 36021 24261 64050 80958 60763 07782 75882
23143 89968 73770 33993 33128 01162 77843 74449 91070 24862
14688 17241 62282 24870 25217 33817 35932 83911 34476 67909
24505 18617 90857 39104 54383 52699 50271 45710 80635 27901
92810 10731 99306 36143 90125 77131 86333 57266 88918 87837
05754 39534 29498 46123 34098 91261 69851 11121 42110 75413
23465 37235 29622 56382 93385 41236 05803 78128 42456 35306
68069 28589 18857 98470 66221 86301 27476 86058 75109 27507
63174 16974 87086 93092 41199 31432 70001 08554 73290 83438
80953 74395 67541 14880 19633 85592 27744 40336 44365 91171
71111 47245 50396 52339 23843 00804 83438 52137 57679 62353
000 000

11435/10598/9327 kHz, 1800/1820/1840 UTC
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11435/10598/9327 kHz, 02-04, 1800/1820/1840 UTC

938 938 938 1 1061 76 1061 76
65839 55320 50535 36003 05001 29739 41612 30228 80179 74452
93836 15827 58035 34411 23815 03303 55200 12351 72043 99815
38339 55686 72889 95934 11904 02485 05140 82804 66383 43253
49574 20389 21725 21380 76987 46069 60751 09397 79912 49231
39455 70600 69692 24214 26402 86863 53755 66293 03391 82080
06088 65327 02085 21035 52374 93584 56963 83979 12013 86307
71734 73249 19471 33436 91334 32146 67197 39525 50577 17209
48270 58380 51882 58507 47180 86552 000 000

11435/10598/9327 kHz, 09-04, 1800/1820/1840 UTC

938 938 938 1 6115 73 6115 73
21846 80379 59114 74550 97818 01749 34354 32815 64073 40087
80384 53656 73976 05671 46393 56083 00860 21418 05257 24212
84373 27459 92826 75263 91581 83710 04864 57138 56919 77090
72582 78554 89248 43270 94887 32384 13802 89037 72590 54434
34281 33609 55612 51210 53803 78982 97940 60999 52942 15374
41338 95253 43880 75105 41224 34471 15138 73651 18464 13134
64220 29185 51431 91503 38694 66672 02135 72925 72795 93045
97100 77274 63354 000 000

11435/10598/9327 kHz, 16-04, 1800/1820/1840 UTC

938 938 938 1 9968 78 9968 78
94423 07672 38470 73808 94579 66766 18945 04631 56673 89794
32678 59736 49911 59029 37592 27730 78712 82150 16367 56567
99501 67746 71338 52892 38418 63827 52150 72795 15793 93981
38634 15424 39470 40721 35830 80588 24003 76719 28442 20988
96678 79236 00541 89432 82628 40318 71608 67226 83449 23033
35669 79383 75048 94455 16174 47136 19085 14000 73488 23950
88472 74915 97022 85296 44357 71382 17527 24257 75850 93250
70096 44905 50093 12740 32618 85748 39785 07663 000 000

11435/10598/9327 kHz, 23-04, 1800/1820/1840 UTC

938 938 938 1 4243 71 4243 71
19055 39649 09328 50477 16920 33866 05723 88964 99161 11600
24300 40842 91078 51080 70738 14219 17764 61729 81544 89386
90703 27018 97540 23432 34891 55280 10440 19721 81639 05032
45053 52887 74117 83149 36113 18401 04965 60815 81954 49460
75648 84821 77867 35560 84991 16679 23894 68476 22607 02281
84852 24636 17028 38820 40798 68910 94760 85272 21114 41314
14976 76875 34527 70410 85198 38643 55878 44003 16519 85937
46105 000 000

11435/10598/9327 kHz, 30-04, 1800/1820/1840 UTC

938 938 938 1 3672 71 3672 71
09570 91186 29511 24283 01804 88674 14750 68137 23690 76498
31170 90431 15345 71014 43811 65907 23680 93940 63826 79132
55354 92964 40369 78445 32608 05653 63571 69140 74306 59138
85789 39363 46437 05642 77938 98533 13365 16788 76416 19025
93701 15409 43932 13775 47765 12877 98283 75253 61783 37195
82270 26150 96620 50194 50149 20821 30929 76571 14654 95488
26249 70777 27946 87433 85383 03500 75038 78421 69898 45295
10050 000 000

16321/15821/14721 kHz, 1600/1620/1640 UTC**16321/15821/14721 kHz, 03-04/06-04, 1600/1620/1640 UTC**

387 387 387 1 8925 98 8925 98
89031 47334 31843 44114 57916 95145 43061 56736 83635 41421
51410 51410 76465 31463 13693 35146 30262 58747 98799 83764
94854 29133 85003 78465 59057 55151 74291 97401 83916 58158
98845 72661 45288 74331 08853 23238 50778 40835 52546 28181
08479 03679 74453 89780 99545 36298 80323 72618 46167 65602
96366 00398 28667 25347 09572 69739 20389 78593 77402 43425
88605 22619 49146 90600 03194 36962 86146 42487 85097 09335
53992 60063 98462 63838 57476 68937 42392 17053 22711 15713
04920 87226 21535 45542 34780 27072 82831 17330 16408 31599
65961 25159 91720 88595 97680 03516 15551 48962 000 000

16321/15821/14721 kHz, 20-04/24-04, 1600/1620/1640 UTC

387 387 387 1 3726 72 3726 72
58985 65301 85989 20207 95131 65858 74223 22808 62411 21894
53482 92983 36537 58310 04616 54211 39641 60354 27252 78196
05621 81275 35909 23970 46511 06578 36584 31110 19266 69148
01252 37403 11693 81020 25652 97967 07322 13229 11718 99105
14163 08282 73696 41832 59385 05649 87638 65653 49998 65284
25236 25169 20182 79130 48724 93355 64205 32089 59595 50964
45108 64409 80713 73254 87562 88679 96793 71325 26592 00884
78284 56503 000 000

14377/13461/12114 kHz, 1130/1150/1210 UTC**14377/13461/12114 kHz, 04-04, 1130/1150/1210 UTC**

317 317 317 1 6752 90 6752 90
22473 30119 15951 57231 89109 91416 70948 71434 66569 56693
03592 31373 25052 16563 42884 23404 24586 44925 67792 06048
81968 75740 96331 70297 66216 75864 53925 14999 87525 04384
04161 28891 16004 66170 21298 91056 32913 11203 26987 26589
32681 91172 08338 97962 43037 61426 36252 05104 00583 42608
47855 91204 77818 45817 36812 38203 44441 67702 83056 21399
84524 88721 09170 22492 68889 95349 14215 99193 70481 92343
07472 96635 24229 56911 30564 54969 72909 40596 32840 38185
22130 91826 46037 05135 50057 02161 72107 50690 21321 62569
000 000

14377/13461/12114 kHz, 11-04, 1130/1150/1210 UTC

317 317 317 1 2480 96 2480 96
01735 77470 89842 60835 31417 08671 55607 52683 37678 53681
66722 86665 90654 33767 33991 65721 62865 98488 96034 30025
25918 26705 39348 61005 48977 62658 64579 12782 21335 03647
10060 36231 00128 84647 44173 35527 36176 54865 49462 19146
56162 68227 80058 39353 45982 40552 33151 64550 71587 39988
25512 07237 63703 49431 93855 20008 40670 88921 91173 34453
54568 86050 96243 57005 69112 82112 75574 95081 17422 29647
64497 43430 55832 40403 07284 85999 86746 21699 61676 58097
24606 92548 93442 97470 34407 91429 94017 30676 05110 26147
74394 70537 87359 43368 80609 72394 000 000

14377/13461/12114 kHz, 18-04, 1130/1150/1210 UTC

317 317 317 1 7840 59 7840 59
 11376 83655 99011 95223 85767 80176 61269 73765 83467 64236
 15140 64607 71899 76313 67565 50090 48714 10862 36788 64570
 00090 39485 63793 93747 68799 90789 05290 37811 25006 99748
 27093 13190 21695 11780 25535 17630 03206 34258 05818 09154
 81946 61732 46899 99521 78199 67455 16182 93730 17834 46818
 13837 99949 96180 74070 61220 99845 08364 87712 93240 000 000

14377/13461/12114 kHz, 25-04, 1130/1150/1210 UTC

317 317 317 1 5654 42 5654 42
 33685 75845 21419 09354 77475 39233 34268 56499 70251 73794
 52262 53276 61820 38188 90622 37542 60019 38618 13472 65700
 92807 90708 79894 87820 45511 35307 93873 68239 41211 99934
 15411 04040 59404 88995 25731 26748 26202 99490 75720 41752
 73446 66344 000 000

12139/11139/10239 kHz, 2000/2020/2040 UTC**12139/11139/10239 kHz, 04-04/07-04, 2000/2020/2040 UTC**

234 234 234 1 938 84 938 84
 41217 12652 09198 89363 80408 11899 86376 97253 93053 46002
 15236 02410 36336 64163 25192 65447 41981 21754 82743 10331
 93028 02906 41165 37563 48271 34778 26550 72223 95605 70663
 40101 69439 80336 55363 01687 57392 45707 43976 62284 73908
 71760 23183 42397 64523 18854 28579 14616 24387 47574 68728
 27336 35757 46314 99151 64531 60331 51883 58753 18920 25233
 14965 55651 00540 05758 27957 20204 23951 44573 40926 04261
 41654 65363 10096 64555 47994 57324 58510 26547 77514 29509
 93761 83931 54321 50279 000 000

12139/11139/10239 kHz, 18-04/21-04, 2000/2020/2040 UTC

234 234 234 1 3908 69 3908 69
 93925 05676 41360 18919 83230 41229 31723 69150 84075 46578
 67478 18122 67758 75931 45822 95473 48773 95483 83272 75310
 10070 30946 14568 91617 43762 08177 21551 05875 68536 97601
 32717 57212 71923 79217 23246 84595 55105 09155 49730 51512
 62633 76865 57100 76562 49032 80557 61941 80808 72925 62674
 29312 94979 94372 40512 06174 33535 09422 92536 35546 17576
 39497 86218 59246 37461 77826 23996 26694 99938 85917 000 000

10904/10204/9304 kHz, 0700/0720/0740 UTC**10904/10204/9304 kHz, 05-04/07-04, 0700/0720/0740 UTC**

923 923 923 1 6616 40 6616 40
 35906 78142 23892 96901 34856 45186 78431 58867 19061 58382
 77557 41040 84988 11839 72486 00756 45698 27727 81412 89667
 67162 99214 67704 61403 27353 45633 16007 20139 82093 66387
 94487 83973 54730 19158 98457 52568 60585 16392 02525 62975
 000 000

10904/10204/9304 kHz, 12-04/14-04, 0700/0720/0740 UTC

923 923 923 1 8054 46 8054 46
 92417 17066 79603 29379 31242 67298 45257 14768 86924 87615
 53121 82682 74865 56494 07776 42721 50065 17362 93176 67693
 31718 00651 16337 32738 30525 98722 13297 86487 45978 38592
 11382 38144 87970 56390 44734 46739 70437 26151 29243 57165
 66407 72258 56845 40515 74006 69314 000 000

10904/10204/9304 kHz, 19-04/21-04, 0700/0720/0740 UTC

923 923 923 1 361 126 361 126
01187 99530 55344 47201 58441 94335 31744 63085 69958 53263
49034 99211 60593 09176 97322 50268 64074 48001 94311 03222
44708 18774 07258 13336 21141 42697 23766 97686 47067 48681
09430 35800 44927 03197 61681 26457 09985 32823 33108 87177
38827 24549 75337 44970 49333 11131 71407 70307 07461 70731
21405 10652 69935 33670 20558 02840 80980 34256 56718 89770
68221 89563 80161 64314 85723 68935 00796 70099 90166 59692
34007 31019 51598 13722 80092 25942 82213 38304 17776 70666
41083 85189 77163 07885 42353 66000 78728 90970 88005 76343
25047 59160 26408 29666 08078 07461 22335 59494 90924 99941
73815 38222 74120 37957 35657 44914 12017 19205 84394 76897
90951 79364 47136 71108 93977 31210 32694 68513 77651 01459
05023 82104 74903 09802 72954 16457 000 000

10904/10204/9304 kHz, 26-04/28-04, 0700/0720/0740 UTC

923 923 923 1 6109 168 6109 168
36527 92842 33686 26426 60507 33748 91468 07516 72200 34862
58792 08170 55845 14774 48438 16717 25396 26016 56564 03227
85604 96748 23224 23111 16534 79297 17000 92692 73017 57702
37673 23123 23153 37672 53081 92751 66340 49675 99586 65074
13727 90276 41280 05118 66617 65587 50689 17513 85725 08743
60590 61370 09140 97662 39221 15123 44576 70908 38282 27344
02762 60940 81966 35064 10433 72722 14224 39472 24980 65692
70516 28255 27699 16266 16225 30305 28319 47796 64618 27161
96929 94208 82301 89204 17725 07017 54190 86318 67960 42802
72299 26407 45332 69981 71002 70459 46887 79324 55368 53276
74994 66677 57128 23195 45238 05250 69937 94380 04804 85155
01467 82529 42674 13184 29957 65227 66743 14750 10823 35298
80044 60479 45959 57009 59916 91835 61367 92324 68246 47123
95160 43021 30742 64416 04514 21993 00842 40913 89480 11333
68083 34619 31333 77598 34072 82678 62978 89759 72018 54575
11541 08564 52363 07705 44086 06172 62918 48185 89734 81288
71783 53081 37709 07914 92882 89558 73149 04773 000 000

13564/12164/11164 kHz 1900/1920/1940 UTC
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13564/12164/11164 kHz, 06-04/08-04, 1900/1920/1940 UTC

511 511 511 1 789 68 789 68
72734 95320 76072 44655 12909 74134 26178 20199 15757 10219
92206 42410 51954 53284 88537 96139 66888 15022 21489 15329
58243 68802 70547 56983 82278 42015 85730 79692 88703 78854
25339 64001 75692 73015 72607 20101 08180 44237 05942 32035
43598 74521 31838 20325 11094 77150 38419 50419 16574 50807
27906 94691 57691 69605 96725 82639 08867 68342 26278 48218
47549 95118 24621 56920 01194 62461 80877 83400 000 000

13564/12164/11164 kHz, 20-04/22-04, 1900/1920/1940 UTC

511 511 511 1 150 88 150 88
34209 40883 53795 15349 04837 89172 36220 50864 27303 09504
34022 85494 10974 06062 34103 26362 90172 54714 83837 74300
56227 57697 37967 28873 50681 00478 67996 73826 26569 76595
79391 00751 15787 01923 82617 59201 63211 08135 18026 90124
38675 15344 67617 98328 89257 26024 18534 99209 95680 60594
06297 88727 63477 42730 28531 30115 12745 45867 59899 69504
16402 45548 23795 43375 84128 44569 58917 87377 99074 46223
24118 09697 25758 85625 39182 40760 63291 80405 07447 72745
58120 71960 96780 38280 83313 66453 56897 84204 000 000

11012/10212/9312 kHz, 2210/2230/2250 UTC

11012/10212/9312 kHz, 06-04/09-04, 2210/2230/2250 UTC

923 923 923 1 485 114 485 114
16909 31567 12214 01929 22562 67222 38695 93841 85633 76294
77820 43273 19743 40152 93130 07690 78831 32567 60220 05582
42436 85162 11446 15022 66821 92012 86156 72806 60336 91624
65862 50050 69724 58750 22367 57422 17005 63005 41122 70844
77196 97120 16281 88156 04591 57463 80822 51820 78954 00556
00244 12292 42602 39101 34929 14824 48344 76191 05168 79881
07353 98354 03668 08426 02290 90139 83992 92899 34195 45836
03851 27180 13135 19712 50596 97494 20579 93547 87716 00159
05477 14591 51576 53603 30918 32829 98417 34032 67534 55705
58847 89271 74673 98876 52369 17502 23187 90070 86501 01950
76132 25582 62703 96687 16854 24681 04142 81758 51112 08499
47652 15886 25467 33120 000 000

11012/10212/9312 kHz, 20-4/23-04, 2210/2230/2250 UTC

923 923 923 1 4641 68 4641 68
06759 89592 17734 91099 37065 70491 27273 52127 59531 58614
10723 91025 03715 03373 72722 33920 02857 99733 13185 93092
78466 43259 33118 87304 63040 62927 41021 97903 96723 34644
51264 54260 74999 25773 75422 74986 16260 62660 51269 80988
38809 27905 41833 63096 17906 50087 40103 15016 00887 11480
65740 26151 45266 99916 33482 14026 24345 86172 19136 24157
54826 51392 28213 05391 94898 95206 82460 18651 000 000

11012/10212/9312 kHz, 27-04/30-04, 2210/2230/2250 UTC

923 923 923 1 9437 84 9437 84
59657 21584 05343 03532 73473 50152 44759 25888 26779 97829
01850 76077 04600 30779 39172 84845 32187 42572 90247 12258
43906 96362 00899 15879 60890 56961 26279 65273 65576 36894
18587 52197 28303 66627 47154 35248 52122 32576 66708 99328
71140 12492 54338 78459 94041 03103 15728 01962 37522 16015
50121 30660 13162 29525 83191 93668 01674 74351 97336 43684
37962 37832 85025 51259 86655 75306 58400 57088 89527 15691
79688 62630 99759 18185 01061 53944 26665 67475 03378 99116
43129 38926 79715 54724 000 000

13386/12189/11491 kHz, 1110/1130/1150 UTC

13386/12189/11491 kHz, 07-04, 1110/1130/1150 UTC

725 725 725 1 9866 98 9866 98
55852 02458 11145 42937 48422 84297 88396 18041 93710 30085
18253 61623 59479 38184 61528 01319 84335 05759 91805 98916
58249 92073 57435 16019 80684 43569 11143 01846 65023 27454
28728 51305 57371 45094 98651 29452 79926 33958 88790 92209
66414 31216 57887 68007 06415 10651 06356 04883 21792 00913
11238 92353 35696 84217 29275 98585 00419 84967 81340 74834
67741 19479 07402 20597 44548 16778 40248 32098 80176 16327
68850 11360 51694 95019 90518 32887 43591 52647 19492 63226
66128 63666 83585 26678 78537 96691 90511 81215 25078 74530
07538 70758 07746 87376 04525 27850 50281 25123 000 000

13386/12189/11491 kHz, 14-04, 1110/1130/1150 UTC

725 725 725 1 7848 95 7848 95
26815 25562 39171 22159 89927 84662 02893 00261 60255 23951
34117 27536 79841 11131 10432 76365 44059 60621 35804 71834
02630 29889 53871 28345 04928 62494 58924 28757 72825 96181
98383 63353 94933 64658 31778 76679 01575 75088 94117 23488
59797 80506 06653 89176 13759 99605 31783 03597 69027 38578
31626 22208 84542 88723 53209 12475 03812 14521 80508 24509
40333 09625 97547 55320 33505 47217 77481 09582 28261 04023
61395 15288 26448 22737 50497 50884 07971 53529 46600 63889
87658 66320 16337 57732 87442 83391 11996 30494 89227 82324
96460 12229 23408 96474 42883 000 000

13386/12189/11491 kHz, 21-04, 1110/1130/1150 UTC

725 725 725 1 9517 95 9517 95
31133 51117 80707 23903 20888 99023 32758 45292 68053 50054
64263 33343 61873 52212 61076 39343 98486 89014 12755 40217
27827 54400 39814 77915 61161 43511 27170 10201 45001 13618
70061 06103 19287 65102 74900 01050 16333 26559 58179 53235
31581 30050 95601 45844 92516 83204 78697 90420 16949 92155
04886 06422 98913 09622 30633 22017 62654 20836 36291 37818
05831 97453 85245 61360 00358 77710 54926 13334 55298 73734
13108 92344 10258 35074 37915 47360 30378 12947 80882 52714
23991 33953 19631 16566 16505 29199 19118 00464 83405 94570
67143 67938 42951 17450 12918 000 000

13386/12189/11491 kHz, 28-04, 1110/1130/1150 UTC

725 725 725 1 2823 96 2823 96
66127 62885 87048 96182 72142 45856 72294 78210 28188 26247
02678 44693 13328 55101 03079 90360 72375 46419 22378 95992
65136 72889 31086 89663 90918 89290 30334 11008 28616 11510
99363 55048 70975 37634 69581 04847 64081 47709 51620 29862
45163 94542 17571 39061 60648 53279 15223 12341 01278 85807
28246 38788 61850 55340 06650 47860 94196 33759 25564 83672
22407 52632 60078 20886 27857 41912 00147 60020 16322 15772
85709 54922 42511 59601 29675 64525 93284 52042 20896 81217
28660 89043 09663 00676 28289 11716 52453 06685 62501 33155
84444 36878 71888 85133 44720 93165 000 000

20971/20371/19271 kHz, 1400/1420/1440 UTC

20971/20371/19271 kHz, 07-04, 1400/1420/1440 UTC

932 932 932 1 404 77 404 77
26959 59950 45282 93004 17708 64638 60898 27116 04588 16474
25897 56519 38776 52219 04357 13029 16631 49427 71338 69155
00619 36578 52659 84505 00666 17439 05427 48780 76388 17773
39430 21076 52406 20444 50245 53519 96587 08490 65450 29060
45792 69230 73711 41188 66466 13648 89249 92252 15059 64706
54261 97036 19135 70026 18092 47176 07927 76129 62407 77901
74092 32487 77417 22321 61591 25127 64439 28677 93315 08617
21714 61394 11668 45236 10331 67988 58961 000 000

20971/20371/19271 kHz, 18-04/21-04, 1400/1420/1440 UTC

932 932 932 1 5279 53 5279 53
75661 16610 93944 85828 21475 73980 28579 15887 62987 79081
31520 14165 88124 27529 11836 59335 86837 63386 99917 94259
55510 66546 85910 04795 90078 46826 16482 72288 48903 60146
18484 03988 71267 44393 00220 43390 48676 14713 37297 83239
94683 04221 19399 85377 26225 86376 21824 13579 42843 60408
78648 32043 61424 000 000

10572/9372/8172 kHz, 2110/2130/2150 UTC

10572/9372/8172 kHz, 07-04, 2110/2130/2150 UTC

531 531 531 1 581 49 581 49
44662 63943 63463 96063 29940 17127 43917 39480 37334 11810
04212 36592 15120 37381 23329 98658 10825 53777 57922 17194
49975 80924 39199 57428 81748 04278 91538 24209 25505 95823
59136 65136 36822 52647 72325 99981 83452 48421 40115 31925
38714 99456 34943 06116 99821 96843 31469 90150 49880 000 000

10572/9372/8172 kHz, 18-04/21-04, 2110/2130/2150 UTC

531 531 531 1 362 64 362 64
68279 59804 98925 86480 80694 51057 13997 75569 98900 08822
64715 92536 43157 86826 52948 41287 31639 21227 96842 34436
90381 25507 61701 05613 14422 19300 18041 34496 98428 63839
39932 70036 42803 26893 11727 92358 03768 40723 22566 70269
36812 84983 30754 40567 84055 45198 95453 60667 71125 07596
60168 77366 51509 55629 48617 97946 24518 58129 92350 32743
40944 51473 76019 03615 000 000

6854/8154/9354 kHz, 0030/0050/0110 UTC

6854/8154/9354 kHz, 05-04/08-04, 0030/0050/0110 UTC

813 813 813 1 7044 79 7044 79
34424 36199 45088 27261 26549 32745 30854 26981 20895 50435
18113 02140 26331 36278 10372 44773 70850 27471 15458 24041
88542 54375 14448 59916 44192 70403 65988 17805 16040 16644
02926 63602 51672 85290 08007 94826 49749 63471 35723 06914
85193 84205 80972 61628 23349 40930 85641 71551 74495 61494
48607 18887 45294 99759 31316 24250 38653 09148 74412 22677
21652 17202 94465 89019 81856 83766 96770 05646 87177 86680
10923 11781 21088 43158 75275 13266 10277 56200 32228 000 000

6854/8154/9354 kHz, 19-04/22-04, 0030/0050/0110 UTC

813 813 813 1 9241 81 9241 81
46875 18762 92090 65290 73837 72615 89119 34231 56695 98735
45377 06089 84065 39112 11057 36462 81962 67894 64717 37838
48107 08616 44121 69697 78113 41013 65183 98913 28760 64854
04531 21105 45211 40332 09128 49766 39110 16653 69490 51492
94309 20749 77855 78455 64978 24141 03142 88648 63857 71391
22394 00500 96817 91317 92715 00452 06062 97519 51065 18562
64361 62589 75820 81716 93597 11568 47338 65637 77546 22335
53752 91316 26360 42137 28587 27512 80058 92009 03451 95244
00793 000 000

14377/13461/12114 kHz, 1200/1220/1240 UTC

14377/13461/12114 kHz, 11-04, 1200/1220/1240 UTC

317 317 317 1 4595 55 4595 55
77874 64273 72372 89328 63973 17752 79094 21739 31042 13666
40648 37042 96755 72320 61925 53551 70088 72500 40200 64484
80469 20493 02535 85878 56315 68818 18602 75585 68670 14951
05709 26203 41202 16507 39012 70614 18308 50510 13550 45548
49988 15582 20152 68226 00496 94517 14139 19426 05788 02924
53387 45928 79400 79760 63055 000 000

12211/10243 kHz, 01-04, 0500/0520 UTC

952 476 476 52 52 = =
77805 45259 23001 40384 27139 67455 63486 49613 03666 83928
24712 98372 02334 60112 62336 82421 64215 87774 42207 41024
10807 75246 85245 50158 53808 15089 99552 51757 85086 52644
16893 04923 76495 03902 75777 70052 44253 96112 18303 61808
57550 29605 92958 31880 96091 84220 80564 67459 86243 18820
85556 16383
= = 476 476 52 52 00000

12211/10243 kHz, 04-04, 0500/0520 UTC

952 801 801 53 53 = =
42539 07719 62785 69322 09912 36793 37850 36386 20251 45137
70541 93274 64711 31869 48120 09658 33502 32377 44283 12783
31695 91142 52020 95510 38110 49895 93130 07635 80696 18281
40337 10199 26862 19245 12931 97490 12174 26305 31895 16391
55882 34908 45435 37785 36695 35055 60856 59698 27246 77384
43728 46873 10687
= = 801 801 53 53 00000

12211/10243 kHz, 05-04, 0500/0520 UTC

952 436 436 51 51 = =
81651 27581 95414 58146 77822 72346 80887 04190 53693 41214
78934 93723 51667 51635 79027 60211 44596 70593 04640 38771
71821 88503 51475 01060 32319 78751 53914 31265 83433 85064
90628 97903 18604 03903 65279 01105 22530 54057 23266 00068
27224 50644 90440 50389 17376 25681 44729 05931 58470 62426
56604
= = 436 436 51 51 00000

12211/10243 kHz, 06-04, 0504/0520 UTC. Late start

952 718 718 52 52 = =
24388 60232 25294 99556 39379 24821 27558 63226 98286 16211
38964 43628 72532 25463 59628 40341 30000 16975 11407 37039
36006 27076 99659 54049 34841 65466 89170 71710 85303 86670
30166 04220 48688 23693 95371 28655 52642 01082 14038 98860
79348 69559 13877 98880 51450 29433 06848 15638 14179 34957
79728 35531
= = 718 718 52 52 00000

12211/10243 kHz, 07-04, 0501/0520 UTC. Late start

952 304 304 51 51 = =
72505 31715 63450 25385 00511 74110 10615 53846 89504 69996
32038 07949 80002 47712 73204 09035 23323 61867 72268 48438
53940 48874 06484 63381 87723 11879 85606 47732 94487 77277
03205 52323 18301 89993 81822 54492 43980 39719 72922 01566
33222 35296 97551 57939 78791 69436 38673 10476 50223 40953
21091
= = 304 304 51 51 00000

12211/10243 kHz, 07-04, 0500/0520 UTC

952 678 678 52 52 = =
56167 40121 31124 42836 12446 78564 38581 06212 09281 10083
70672 28154 71241 05244 93899 84405 68226 44487 40112 57534
04650 82759 23471 90488 30977 25973 16493 35569 32317 92724
52360 34744 73757 59692 45696 92248 07118 14173 48973 25412
68820 62179 86767 04639 23561 65546 35018 18492 33469 06473
37505 24811
= = 678 678 52 52 00000

12211/10243 kHz, 11-04, 0500/0520 UTC

952 143 143 60 60 = =
78454 10935 62149 58020 39984 06049 58527 61431 52063 78562
66769 56282 20989 28897 08578 24108 94561 71603 09517 31767
72055 55011 15998 10117 92375 15740 86580 04277 02120 22759
31031 62662 21488 90688 95569 56971 86974 67023 17745 50320
65991 22974 99380 55708 17943 02603 71020 52002 42898 09953
46318 49628 78809 38855 89802 23161 33188 75087 46461 52990
= = 143 143 60 60 00000

12211/10243 kHz, 12-04, 0500/0520 UTC. Off at 0505z, restart at 0506z

952 860 860 51 51 = =
19976 88709 12351 18144 48655 51915 61715 03041 20428 31902
90587 08791 39616 97508 54363 43405 76421 25511 40714 39162
36850 43957 54982 23335 35064 87695 66608 94081 91619 83312
02537 31211 06020 05639 98522 96488 77018 73035 44297 03193
69122 73633 83510 59586 48715 39712 54398 16003 38248 12421
82111
= = 860 860 51 51 00000

12211/10243 kHz, 13-04, 0500/0526 UTC. Late start. Several restarts

952 714 714 62 62 = =
26921 21692 71279 96560 27949 26239 31586 88561 53489 47524
35535 43872 47607 04686 47839 06142 04021 18624 09601 38872
05152 01036 52225 38713 07376 74401 66116 22693 95898 40117
10090 19052 57701 36963 724E6 16384 45983 57088 19693 50764
34553 11700 93656 35553 85595 63653 43265 63560 79257 69119
01595 36268 78481 95522 44314 99779 27536 07936 90419 92207
07676 41121
= = 714 714 62 62 00000

12211/10243 kHz, 14-04, 0500/0520 UTC. Different callup at 0500z

952 952 952 00000 (R4m) 638 638 51 51 = = (0500z)
952 638 638 51 51 = = (0520z)
16585 73345 50614 20523 94070 37713 39863 17399 99474 09215
16559 80709 34619 75063 82273 20829 38947 45336 26720 57977
46836 33313 98204 18237 86427 43336 11681 17554 18383 58379
55330 38416 38028 44508 81622 28897 89316 14423 93787 78744
64035 17275 63626 52215 84712 46934 41615 82331 94651 85903
45229 = = 638 638 51 51 00000

12211/10243 kHz, 15-04, 0500 UTC. 0520 UTC not heard

952 704 704 61 61 = =
86295 25870 41768 37296 49642 82478 15102 10012 16387 96782
13257 52601 81675 51226 57018 86839 18610 07485 10602 87985
49360 80778 46958 80040 65201 58810 36216 46731 25168 13771
99461 69145 87999 80848 95035 25976 57089 01680 29538 17286
43092 56183 10727 97764 73908 31197 84501 30374 06713 99387
23150 96357 21724 06839 57059 22528 02394 92767 67067 11780
31723
= = 704 704 61 61 00000

12211/10243 kHz, 18-04, 0500/0520 UTC

952 381 381 54 54 = =
78818 23207 35014 51118 80674 17126 85142 91041 59804 75853
21812 27739 00966 24622 53392 89073 48525 85522 66680 65738
14527 86628 16271 76881 00541 39965 58173 56912 25465 49272
32344 86941 76468 33480 23842 19287 25273 76851 57277 68482
76946 41720 04255 67231 43412 04762 08487 10731 58844 02746
58273 37825 79151 98681
= = 381 381 54 54 00000

12211/10243 kHz, 19-04, 0500/0520 UTC

0500z: Off after 50 groups back for the postamble

952 607 607 51 51 = =
73882 37612 33094 74866 31537 08945 66281 29570 79645 76252
05696 86252 87191 65000 56384 33698 90831 97218 97212 84868
23527 53404 84159 62110 84285 39997 81434 21510 03707 35860
87623 52349 85022 16197 49032 12603 25297 77350 77431 86397
46509 10921 14385 74387 91168 00629 09337 52980 62182 40382
03571
= = 607 607 51 51 00000

12211/10243 kHz, 20-04, 0500/0520 UTC

952 148 148 52 52 = =
63283 43677 34120 35578 48379 61461 04798 98813 19165 15281
07620 52946 46882 23814 23365 13765 44932 01310 34481 24536
59788 05895 35379 51230 65912 07898 42825 78246 63112 70392
67374 09312 99775 59124 31771 03237 70424 24023 47259 99231
61020 19485 83746 11451 40464 55611 94745 97473 21722 97593
83042 30389
= = 148 148 52 52 00000

12211/10243 kHz, 21-04, 0502/0520 UTC

952 306 306 51 51 = =
30621 32943 62974 90629 68256 37549 36799 56963 02289 01078
29006 29394 14302 74793 87595 81301 13060 86857 50133 59271
00315 65150 26601 41122 79690 75425 58916 77234 82066 41976
93041 94864 05905 43021 24638 70134 95951 97977 04179 97387
08764 88816 12487 10592 38477 82685 42610 36488 01281 47997
48986
= = 306 306 51 51 00000

12211/10243 kHz, 22-04, 0500/0520 UTC

952 478 478 52 52 = =
65415 55803 00836 18353 27108 98746 31221 64928 14786 18830
78676 30288 46340 22182 32230 26438 91169 77546 19352 84552
49247 80377 70229 95094 45530 93614 65344 64457 06877 01037
46041 86536 13679 34169 92761 52686 43385 58647 00656 48489
48106 31001 07233 10784 33494 61783 51754 43379 31070 45983
71057 14903
= = 478 478 52 52 00000

12211/10243 kHz, 25-04, 0500/0520 UTC.

0500 UTC: Technical problems. Lots of outages

952 136 136 52 52 = =
19533 30059 36951 55545 58262 91004 27694 86875 40781 21922
18709 48209 99363 77411 24183 91421 73036 25927 27973 18675
62044 90838 32644 46381 41395 86899 85560 54414 00667 88057
61722 19015 02286 87563 08019 52821 75433 36290 78594 00470
87801 70219 16029 63198 62349 63021 57984 50890 31285 64673
74051 84999
= = 136 136 52 52 00000

12211/10243 kHz, 26-04, 0500/0520 UTC. No transmissions. Russian holiday

12211/10243 kHz, 27-04, 0500/0520 UTC

952 183 183 52 52 = =
17531 02830 22968 87711 35790 43628 73197 63694 08154 09009
24456 74457 97903 55297 32946 48941 64361 27222 37921 36409
93864 31548 23566 84619 34357 28764 71215 69651 88275 16287
69085 13327 43428 01590 71719 49180 46549 88729 26323 22881
49214 26674 08184 38084 80809 92892 32358 83622 28235 10636
33815 02976
= = 183 183 52 52 00000

12211/10243 kHz, 28-04, 0500/0520 UTC

952 706 706 51 51 = =
 48499 94873 10546 19176 94934 68134 88038 91390 23802 71669
 02772 55696 25397 14251 60096 21347 33463 76974 02390 59679
 76920 40653 89738 26273 84427 77356 01420 87117 08957 42061
 37872 47220 64582 25326 27847 05092 92657 52947 70414 81548
 99584 43517 66526 96267 33338 59840 19816 90537 90957 15120
 11325
 = = 706 706 51 51 00000

12211 kHz, 29-04, 0500 UTC**10243 kHz, 29-04, 0520 UTC. No transmission**

952 481 481 63 63 = =
 72071 47186 06709 09618 03502 58905 37261 17781 99352 03476
 37353 57861 64941 92798 68127 18745 35592 32974 82414 51286
 74049 55076 97386 25309 24227 27678 75900 30062 82249 55792
 39962 35322 70713 95925 64769 55332 27107 41945 26748 82747
 42330 61415 04038 84806 10253 87127 52852 78875 74234 93481
 08155 29594 81568 12424 82092 34780 81763 68619 58616 92290
 29613 38556 07735
 = = 481 482 63 63 00000

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

6828 kHz, 02-04, 0900 UTC	=991200??8????? =991201??8????? =991202??8?????
4171 kHz, 04-04, 1313 UTC	=991613??8????? =991614??8????? =991615??8?????
4191.5 kHz, 02-04, 1558 UTC	=991858??8????? =991859??8????? =991900??8????? //4171
4171 kHz, 02-04, 1558 UTC	=991858??8????? =991859??8????? =991900??8?????
8747 kHz, 16-04, 1735 UTC	=99?2037?9????? =99?2039?9????? =99?2041?9?????
3185//4171 kHz, 16-04, 0728 UTC	=991028??8????? =991029??8????? =991030??8?????
4171//6828 kHz, 19-04, 0521 UTC	=990821??8????? =990822??8????? =990823??8?????
8747 kHz, 26-04, 1745 UTC	=99?2045?9????? =99?2047?9????? =99?2049?9?????

7923.5 kHz, 02-04, 1354 UTC

=13403441768956
 =13403441768857
 =23403901060535
 =13403449784400
 =13403449794601
 =230403901060519
 =13403449795703
 =13403449796605

8025.5 kHz, 07-04, 1340 UTC, i.p.

70391010212
 13704441855840
 13704441747443
 13704441746445
 13703341846346
 13704441143146
 13704441143247
 13703441746450
 23703901960209
 13704441143950

7202 kHz, 10-04, 1102 UTC, i.p.

1123366798550 =
 2123290101202 =
 11233668986605
 11232667987705 =
 11232899253307
 11233667985607 =
 21233901950209 =
 1123289905550911
 233667683309 =
 11232899055509
 11233667683309 =
 21232901010202 =
 11232667987612
 11233667957512 =
 11232899055515
 11233667957715 =
 21233901950409 =
 11232899055517
 11233667985817 =
 11232899055620
 11233667987520 =
 11232899253222
 11233667986622 =
 21233901010428

6208.5 kHz, 02-04, 1524 UTC

=13403449795425
 =13403441767127
 =23403901040817
 =13403449794529
 =13403449799931
 =13403449798533
 =13403449796935
 =23403901040720
 =13403449795137

4273 kHz, 22-04, 0739 UTC

VVV VVV VVV VVV VVV =
 10001666023133
 20001901010513
 100016660071835
 10001666071437
 100016660071539
 10001666072641 =
 4000100012?? =
 4000100012??00

7923.5 kHz, 06-04, 1426 UTC, i.p.

13601667942426
 13601667942428
 13601667942230
 13601667943136
 23601901970100

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

6014.5 kHz, 02-04, 0818 UTC, i.p. c/s
PWZW

=3002663673418
=30026600688120
=3002663674522
=3002663675424
=3002663675626
=3002663073728

8696 kHz, 07-04, 1428 UTC
i.p. 4RVU 4RVU AR

6822.5 kHz, 07-04, 1558 UTC
i.p. 56DN 56DN AR (07-APR-2022 1558)
(F5JBR)

5252 kHz, 07-04, 1737 UTC, i.p.

10692949177536
10691949176737
10692949176838
10692949177438
10692949177940
10692949177641
206921016800860
10692949872241
10682949871942
10692909881843

5252 kHz, 18-04, 1630 UTC, i.p.

10955949879330
10955949872531
10955..871633
10955949872734
10955949871536
10955949878337
10955949878238
209551017600470
10955949878439
10955949879840
10955949879941
10955949879242
10955949879343
10955949872544
10955949872645

8696 kHz, 19-04, 0731 UTC
i.p. PBSN PBSN AR

5252 kHz, 20-04, 1627 UTC, i.p.

10702949541727
10702949541128
10702270103330
10702270103931
10702270102532
10907021933

6014.5 kHz, 21-04, 0807 UTC, i.p.

7139668644207 =
7139668643609 =
7139668643511 =
0030026639274 100312 =
003002663927411112 =
7139668643413 =
3002663927413 =
7139668631115 =
3002663927914 =
3002660949716 = =
7139668643317 =

8696 kHz, 21-04, 1428 UTC
i.p. 4RVU 4RVU AR

M51a / M51b

3881//6825 kHz, 30-04, 0948 UTC.

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

The space between the groups was added afterwards.

PALKF HCBDU RTSJZ QJAKI DKLSV WBQHA JKQIO LKDGR VXCDG CBXVM
YHFGC BSKLA IKQLS DLMXB VWHRT 27648 01984 DHNVX WBSHZ QJKAI
KLSGF CGVXO LAIJH BXNDY RZYSU QJAIK SKHNQ WXCVR TJGBC VJAPL
UJDGB ZYHSK 376/3 DHBXJ QKALP SJHGB CVRPA LKHNB CJDUR UJDVG
XBSJZ QJNWN LAUZR DHBCN XJSUK QLKFG CHNDU HJSTY IKGHD VXBVG
35271 HNVCH 45383 SHBXJ QJAKL DGFUY HVCND ETDFX IKDHB VDBAJ
CHFGT SJWNS KQLAI UJDGC BXHRT DHSKZ QJKSG UJGBC VSHRT SJQHU
35473 SJAKI UHFGC 563/9 HNVXJ SJAKL SMQPO IKHNB CGDLR DHFCV
FGCKL SJNWK ZUHGC VFRZT SHBWN JSKLZ QLHJR GBCJT

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

UJDKX VBDJZ WNSHQ XVDKA OLQLP OKHNC VHFUR SHNXJ WXXHZ JSKZI
OLDJH VCJSU ZYDFS WBXJS 37281 KJNCG TGDHS 7359/ JNWKS YHDKS
OLSJU YHSPL WNDHZ CIAHV XVCGR AIKSP LIJFT 52847 GBWCV VCHFP
AIKDM SJWNX KAUJD LSORV CHFDZ WHNSJ AIKDP MIKJY HBFGV LDFCV
XBSKZ 63829 UJSLA BWJRY FLQPA MLJIT CHFUZ SBXJS UJQKA ZNWHF

YHDKZ SHXVC YHZKQ WBXJZ 53826 ZUJDL NBXJD YHAPS XVCJF 18548
YHDIK XBCKS ZUHDK WNXKZ KIOSL HNWJS THZLP WBXKS YHDGV UJSKZ
VXYRP SJXLZ WNXKF CJSUR CKSUZ WHNCP LXIET DGSUZ 36528 NBCVX
UJSKA ZUSFC XVXVX HNXJS IKWLZ OPAJB GVFBH JSYRT FGCJS KJDGS
6382/ JNCJD XYHRI SJZIS /4637 XHNDJ SKAPL YHDUT JKDGC BXNQK
YTSHA WBXJM XKLDU LDLDU BCHVN GBCJR XVCHU TIGLD UJDKZ 65382
BWJSU AKSLQ WPETD GVXJD JSKZI JDHCV XNSKZ

M89 - Chinese Military

3455 kHz, 12-04, 1538 UTC, i.p.

R RPT 1P 192 K
R HR QSL 2340 K
R MSG NR 203. CK 122 .2 0412 2230 RMKS 2268 TO .333 K
R 1P 01W BT N44T 5D45 DNDU NN7D U476 TTUA AA77 7555 AAN4 TTAT ...

12023 kHz, 13-04, 0851 UTC, i.p.

RMKS 8514 TO 8347 TO 8657 TO Z474 K
R HR MSG 1P 1W GA =
U646 5737 DTAT 5ND7 DAAT UNU6 766T 3DAU TTTT TTTT DA4U A5NT ...

8358 kHz, 26-04, 1742 UTC, i.p. 8815 wkg QLS6

QSA2 K
= 9161 AR K
R QSL 0140 K
HR NR 34 K HR WK NR 34

3322 kHz, 28-04, 1742 UTC, i.p.

HR MSG GA K
R GA (Both stations on this frequency)
R MSG NR 048 CK 199 36 0429 0020 RMKS 4325 TO 4268 =
AR QSL ? K
R QSL 0035 HR WK R
WK 110 K
R HR KW EEEE R HR WKR NR 1110 K
R HR NIL SK
R HR NIL SK
VV TIWK DE DRAN K
R ARTW DE KDEC R QSA 2 QSA ? K
R QSA 2 IEC = 5760 AR K (Exercise related)
R = 1223 AR K
R OK HR F GA K
R GA
R F NR 099/EX 0000 RMKS 9493 TO 9645 =
PJK3/YCF5 AR AGN
F NR 099/EX 0000 RMKS 9493 TO 9645 =
PJK3/YCF5 AR QSL ? K
R QSL 0003 K
R U F GA
R HR F GA
R GA
R F NR 047/EX 0003 RMKS 4325 TO 4248 =
ABC1/BCD2 AR AGN
F NR 047/EX 0003 RMKS 4325 TO 4248 =
ABC1/BCD2 AR QSL ? K
R QSL 0005 K
R HR MSG GA K
R GA
R MSG NR 048 CK 199 36 0429 0020 RMKS 4325 TO 4248 =
AR QSL ? K
R QSL 0035
HR MSG GA K
R GA

R MSG NR 048 CK 199 36 0429 0020 RMKS 4325 TO 4248 =
 AR QSL ? K
 R QSL 0035 HR WK NR 1110 K
 R HR WK NR 1110 K
 R HR NIL SK
 R HR NIL SK
 VVV TIWK DE DRAN K
 R ARTM DE KNEC QSA 2 EEEE
 HR ARTM DE KDEC R QSL 2 EEEEE
 R ARTM DE KDEC R QSA 2 QSA ? K
 R QSA 2 K
 R HR F GA K
 R OK GA
 R F NR 099/EX 0000 RMKS 9493 TO 9645 =
 PJK3/YCF5 AR AGN
 N F NR 099/EX 0000 RMKS 9493 TO 9645 =
 PJK3/YCF5 AR QSL ? K
 R QSL 0003 K
 R U EEEE R HR MSG GA K
 R GA
 R NR 048 CK 199 36 0429 0028 RMKS 4325 TO 4248 = ...

M95 - Chinese Military

9054 kHz, 01-04, 1140 UTC, V26: USB. Callup in Chinese voice
9054 kHz, 01-04, 1142 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages
9054 kHz, 01-04, 1149 UTC, M95: CW
 VVV HR MSG TO YR PSE CY
 NR 071 CK 45 35 0401 1513 =
 5AA UTT TTA 3U6 3A4 5T7 5TD 75U 35A N3D 353 ...
 AR 7G AGN
 NR 071 CK 45 35 0401 1513 = (Repeats message)
 AR A HR MSG GA
 UTA TTA 3U5 ...

7536 kHz, 08-04, 1234 UTC, i.p.
 7G GA =
 7G GA NR ... /CCK CK 41 58 0408 2040 RMKS 53U6TO56W05586 540. 5584 5699 4642 53.. =
 5TU3 DN5T TUT7 ...
 NR18/CCK CK 41 58 0408 2030 RMKS 544DET05650 5585 5407 5584 4699 5643 5481 =
 = 5TA3 DN5U TUT7 3DNA ...

5560 kHz, 12-04, 1613 UTC, i.p.
 H7UN 75NA6D5757UN57UN
 5 05 A U
 M 775 7UN 75NA 6D57 57UN 5DA6
 A755 57UN 75NA 6
 H0 5 5 05 05

7553//9153 kHz, 13-04, 0936 UTC, i.p.
 4TU UT3 TA3 3U6 TT4 773 3AD 353 U46 ...
 II U46 353 4T3 447 46D 4D6 75D ...
 AHR MSG GA
 NR 307 CK 112 35 0413 0708
 4TU UT3 TA3 3U4 3A4 TT4 773 354 37U 4T3 446 4D6 ...
 II EDU TA3 773 353 U46 35A 4A7 N3D 4UT 445
 4D6 3D3
 MSG AGN
 NR 307 CK 112 35 0413 0708
 4TU UT3 3U4 ...
 II EDU TA3 773 353 U46 35A 4A7 N3D 4UT 445

4D6 3D3
ZNN SK

4243 kHz, 28-04, 1142 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243 kHz, 28-04, 1149 UTC, M95: CW

VVV HR MSG TO YR PSE CY

NR 026 CK 5. 35 0428 1533 =

..A ..TTU 3U6 3A4 5T7 5TD 75U ...

AR (Message repeated)

AR A HR MSG GA

NR .5 CK 170 35 0428 1557 =

UTU TUD 3U. 3A. T.. 773 354 373 N3D 353 ...

4364//8073 kHz, 28-04, 1132 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85: messages

4364//8073 kHz, 28-04, 1137 UTC, M95: CW

V BNGC (x3) DE XSV85 (X2)

HR MSG GA PSE CY

NR 0323 CK 300 35 0428 1549 =

TUD 3U6 3TN 3U7 TAU 773 356 4AD NN3 434 ...

UM04 - PROMRÖ

4735 kHz, 01-04, 0700 UTC VVVVV PROMRÖ = 01 04 = 1000 0760 0800 0940 1400 1200 0860 0900 1040 1480 1400 0880 0920 1070 1500 1600 0830 0870 1000 1450 1800 0480 0890 1040 1500 2000 0630 0660 0750 1040 2200 0090 0500 0560 0760 0000 0450 0460 0510 0680 0200 0440 0450 0500 0660 0400 0440 0450 0500 0660 0600 0380 0400 0450 0620 0800 0650 0690 0830 1230 = ABV VVVVV PROMRÖ = 01 04 = 1000 0760 0800 0940 1400 1200 0860 0900 1040 1480 1400 0880 0920 1070 1500 1600 0830 0870 1000 1450 1800 0480 0890 1040 1500 2000 0630 0660 0750 1040 2200 0090 0500 0560 0760 0000 0450 0460 0510 0680 0200 0440 0450 0500 0660 0400 0440 0450 0500 0660 0600 0380 0400 0450 0620 0800 0650 0690 0830 1230 = AR	4735 kHz, 03-04, 0700 UTC VVVVV PROMRÖ =03 04= 1000 0770 0810 0950 1360 1200 0880 0920 1060 1490 1400 0910 0940 1080 1530 1600 0840 0890 1030 1470 1800 0850 0900 1050 1500 2000 0650 0680 0770 1070 2200 0500 0520 0590 0780 2400 0460 0470 0520 0690 0200 0440 0450 0510 0660 0400 0440 0450 0500 0670 0600 0380 0400 0460 0630 0800 0660 0700 0850 1240 = ABV = VVVVV PROMRÖ =03 04= 1000 0770 0810 0950 1360 1200 0880 0920 1060 1490 1400 0910 0940 1080 1530 1600 0840 0890 1030 1470 1800 0850 0900 1050 1500 2000 0650 0680 0770 1070 2200 0500 0520 0590 0780 2400 0460 0470 0520 0690 0200 0440 0450 0510 0660 0400 0440 0450 0500 0670 0600 0380 0400 0460 0630 0800 0660 0700 0850 1240 = AR	4735 kHz, 08-04, 0700 UTC VVV VVV PROMRÖ = 08 04 = 1000 0770 0810 0940 1340 1200 0890 0920 1060 1480 1400 0920 0950 1090 1530 1600 0870 0910 1060 1490 1800 0880 0920 1070 1530 2000 0710 0740 0840 1160 2200 0550 0570 0640 0850 0000 0500 0510 0560 0740 0200 0480 0900 0540 0700 0400 0460 0480 0530 0700 0600 0420 0540 0500 0690 0800 0660 0700 0840 1220 = ABV VVV VVV PROMRÖ = 08 04 = 1000 0770 0810 0940 1340 1200 0890 0920 1060 1480 1400 0920 0950 1090 1530 1600 0870 0910 1060 1490 1800 0880 0920 1070 1530 2000 0710 0740 0840 1160 2200 0550 0570 0640 0850 0000 0500 0510 0560 0740 0200 0480 0900 0540 0700 0400 0460 0480 0530 0700 0600 0420 0540 0500 0690 0800 0660 0700 0840 1220 = AR	4735 kHz, 11-04, 0700 UTC VVVVV PROMRÖ = 11 04 = 1000 0780 0820 0950 1340 1200 0890 0930 0960 1470 1400 0930 0970 1100 1530 1600 0890 0930 1070 1490 1800 0890 0930 1070 1520 2000 0740 0770 0870 1200 2200 0580 0590 0660 0890 0000 0510 0530 0580 0760 2000 0490 0500 0550 0720 0400 0470 0480 0530 0710 0600 0430 0450 0530 0750 0800 0660 0700 0840 1220 = ABV = VVVVV PROMRÖ = 11 04 = 1000 0780 0820 0950 1340 1200 0890 0930 0960 1470 1400 0930 0970 1100 1530 1600 0890 0930 1070 1490 1800 0890 0930 1070 1520 2000 0740 0770 0870 1200 2200 0580 0590 0660 0890 0000 0510 0530 0580 0760 2000 0490 0500 0550 0720 0400 0470 0480 0530 0710 0600 0430 0450 0530 0750 0800 0660 0700 0840 1220 = AR
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4735 kHz, 12-04, 0700 UTC VVV VVV PROMRÖ = 1204 = 1000 0780 0820 0950 1340 1200 0900 0930 1060 1470 1400 0930 0970 1110 1520 1600 0890 0930 1070 1490 1800 0890 0930 1070 1520 2000 0750 0770 0880 1210 2000 0570 0590 0660 0890 2400 0510 0530 0580 0760 0200 0490 0500 0560 0730 0400 0470 0480 0550 0710 0600 0440 0460 0540 0760 0800 0660 0700 0840 1210 = ABV VVVVV PROMRÖ = 1204= 1000 0780 0820 0950 1340 1200 0900 0930 1060 1470 1400 0930 0970 1110 1520 1600 0890 0930 1070 1490 1800 0890 0930 1070 1520 2000 0750 0770 0880 1210 2000 0570 0590 0660 0890 2400 0510 0530 0580 0760 0200 0490 0500 0560 0730 0400 0470 0480 0550 0710 0600 0440 0460 0540 0760 0800 0660 0700 0840 1210 = AR	4735 kHz, 15-04, 0700 UTC VVVVV PROMRÖ = 15 04 = 1000 0780 0820 0940 1320 1200 0890 0930 1050 1450 1400 0920 0960 1090 1500 1600 0880 0920 1060 1480 1800 0880 0920 1060 1500 2000 0760 0790 0900 1240 2200 0580 0600 0670 0900 2400 0520 0530 0580 0770 0200 0500 0510 0560 0730 0400 0460 0480 0530 0700 0600 0450 0470 0550 0780 0800 0660 0700 0830 1200 = ABV VVVVV PROMRÖ = 15 04 = 1000 0780 0820 0940 1320 1200 0890 0930 1050 1450 1400 0920 0960 1090 1500 1600 0880 0920 1060 1480 1800 0880 0920 1060 1500 2000 0760 0790 0900 1240 2200 0580 0600 0670 0900 2400 0520 0530 0580 0770 0200 0500 0510 0560 0730 0400 0460 0480 0530 0700 0600 0450 0470 0550 0780 0800 0660 0700 0830 1200 = AR	4735 kHz, 16-04, 0700 UTC VVVVV PROMRÖ = 16 04 = 1000 0780 0810 0940 1320 1200 0890 0920 0V40 1092 1400 0920 0960 1090 1500 1600 0880 0920 1050 1470 1800 0880 0920 1060 1490 2000 0770 0800 0910 1250 2200 0590 0600 0680 0910 0000 0520 0540 0590 0770 0200 0490 0500 0560 0720 0400 0460 0480 0530 0700 0600 0450 0470 0550 0790 0800 0660 0690 0820 0800 = ABV VVVVV PROMRÖ = 16 04 = 1000 0780 0810 0940 1320 1200 0890 0920 0V40 1092 1400 0920 0960 1090 1500 1600 0880 0920 1050 1470 1800 0880 0920 1060 1490 2000 0770 0800 0910 1250 2200 0590 0600 0680 0910 0000 0520 0540 0590 0770 0200 0490 0500 0560 0720 0400 0460 0480 0530 0700 0600 0450 0470 0550 0790 0800 0660 0690 0820 0800 = AR	4735 kHz, 18-04, 0700 UTC VVVVV PROMRÖ =18 04= 1000 0770 0800 0930 1310 1200 0920 0920 1040 1430 1400 0910 0950 1070 1480 1600 0870 0910 1040 1450 1800 0860 0900 1040 1460 2000 0780 0810 0920 1270 2200 0590 0610 0690 0930 0000 0520 0530 0580 0760 0200 0490 0500 0550 0720 0400 0450 0460 0510 0680 0600 0450 0480 0560 0800 0800 0650 0680 0810 1160 = ABV VVVVV PROMRÖ =18 04= 1000 0770 0800 0930 1310 1200 0920 0920 1040 1430 1400 0910 0950 1070 1480 1600 0870 0910 1040 1450 1800 0860 0900 1040 1460 2000 0780 0810 0920 1270 2200 0590 0610 0690 0930 0000 0520 0530 0580 0760 0200 0490 0500 0550 0720 0400 0450 0460 0510 0680 0600 0450 0480 0560 0800 0800 0650 0680 0810 1160 = AR
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4735 kHz, 19-04, 0700 UTC. Very weak. Partly unreadable VVV VVV PROMRÖ = 19 04 = 1000 0760 0800 0920 1290 1200 0880 0910 1030 1420 1400 0890 0940 1070 1460 1600 0860 0900 1030 1440 1800 0850 0890 1030 1450 2000 0890 0810 0690 1280 2200 0600 0620 0690 0940 0000 0520 0590 0770 ____ 0200 0490 0500 05_0 0720 0400 0450 0460 05_0 0680 0600 0460 0480 0560 08____ 0800 0640 0680 0800 10____ = ABV VVV VVV PROMRÖ = 19 04 = 1000 0760 0800 0920 1290 1200 0880 0910 1030 1420 1400 0890 0940 1070 1460 1600 0860 0900 1030 1440 1800 0850 0890 1030 1450 2000 0890 0810 0690 1280 2200 0600 0620 0690 0940 0000 0520 0590 0770 ____ 0200 0490 0500 05_0 0720 0400 0450 0460 05_0 0680 0600 0460 0480 0560 08____ 0800 0640 0680 0800 10____ = AR	4735 kHz, 20-04, 0700 UTC VVVVV PROMRÖ = 20 04 = 1000 0760 0790 0910 1280 1200 0870 0910 1020 1410 1400 0900 0940 1060 1460 1600 0860 0900 1030 1440 1800 0850 0880 1020 1440 2000 0780 0820 0930 1280 2200 0600 0620 0700 0940 2400 0530 0540 0590 0790 0200 0490 0500 0550 0750 0400 0450 0460 0510 0680 0600 0460 0480 0570 0630 0800 0630 0670 0790 1140 = ABV VVVVV PROMRÖ = 20 04 = 1000 0760 0790 0910 1280 1200 0870 0910 1020 1410 1400 0900 0940 1060 1460 1600 0860 0900 1030 1440 1800 0850 0880 1020 1440 2000 0780 0820 0930 1280 2200 0600 0620 0700 0940 2400 0530 0540 0590 0790 0200 0490 0500 0550 0750 0400 0450 0460 0510 0680 0600 0460 0480 0570 0630 0800 0630 0670 0790 1140 = AR	4735 kHz, 22-04, 0700 UTC VVVVV PROMRÖ = 22 04 = 1000 0750 0780 0900 1260 1200 0850 0890 1010 1390 1400 0890 0920 1050 1440 1600 0850 0890 1020 1430 1800 0840 0880 1010 1420 2000 0780 0810 0930 1280 2200 0590 0610 0690 0940 2400 0530 0540 0600 0780 0200 0490 0500 0560 0730 0400 0450 0460 0510 0680 0600 0460 0490 0570 0810 0800 0630 0660 0780 1130 = ABV = VVVVV PROMRÖ = 22 04 = 1000 0750 0780 0900 1260 1200 0850 0890 1010 1390 1400 0890 0920 1050 1440 1600 0850 0890 1020 1430 1800 0840 0880 1010 1420 2000 0780 0810 0930 1280 2200 0590 0610 0690 0940 2400 0530 0540 0600 0780 0200 0490 0500 0560 0730 0400 0450 0460 0510 0680 0600 0460 0490 0570 0810 0800 0630 0660 0780 1130 = AR	4735 kHz, 23-04, 0700 UTC VVV VVV PROMRÖ = 23 04 = 1000 0750 0790 0910 1270 1200 0860 0890 1010 1390 1400 0890 0930 1050 1440 1600 0850 0890 1020 1430 1800 0840 0880 1010 1420 2000 0790 0820 0930 1290 2200 0600 0610 0690 0940 0000 0530 0550 0600 0780 0200 0490 0500 0560 0730 0400 0450 0460 0510 0680 0600 0460 0490 0570 0820 0800 0630 0670 0780 1130 = ABV VVV VVV PROMRÖ = 23 04 = 1000 0750 0790 0910 1270 1200 0860 0890 1010 1390 1400 0890 0930 1050 1440 1600 0850 0890 1020 1430 1800 0840 0880 1010 1420 2000 0790 0820 0930 1290 2200 0600 0610 0690 0940 0000 0530 0550 0600 0780 0200 0490 0500 0560 0730 0400 0450 0460 0510 0680 0600 0460 0490 0570 0820 0800 0630 0670 0780 1130 = AR
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4735 kHz, 26-04, 0700 UTC VVVVV PROMRÖ = 26 04 = 1000 0770 0800 0920 1290 1200 0870 0900 1020 1400 1400 0910 0940 1060 1460 1600 0870 0920 1040 1450 1800 0850 0890 1030 1440 2000 0800 0840 0950 1310 2200 0610 0620 0700 0950 0000 0530 0550 0600 0790 0200 0490 0500 0560 0720 0400 0450 0460 0510 0680 0600 0470 0500 0580 0830 0800 0650 0680 0800 1150 = ABV VVVVV PROMRÖ = 26 04 = 1000 0770 0800 0920 1290 1200 0870 0900 1020 1400 1400 0910 0940 1060 1460 1600 0870 0920 1040 1450 1800 0850 0890 1030 1440 2000 0800 0840 0950 1310 2200 0610 0620 0700 0950 0000 0530 0550 0600 0790 0200 0490 0500 0560 0720 0400 0450 0460 0510 0680 0600 0470 0500 0580 0830 0800 0650 0680 0800 1150 = AR	4735 kHz, 29-04, 0700 UTC VVVVV PROMRÖ = 29 04 = 1000 0790 0820 0940 1310 1200 0880 0910 1030 1420 1400 0920 0950 1070 1470 1600 0890 0920 1050 1460 1800 0870 0900 1040 1460 2000 0820 0860 0970 1330 2200 0630 0650 0730 0970 2400 0550 0560 0620 0800 0200 0500 0510 0560 0730 0400 0450 0460 0620 0690 0600 0490 0510 0600 0850 0800 0660 0700 0820 1180 = ABV = VVVVV PROMRÖ = 29 04 = 1000 0790 0820 0940 1310 1200 0880 0910 1030 1420 1400 0920 0950 1070 1470 1600 0890 0920 1050 1460 1800 0870 0900 1040 1460 2000 0820 0860 0970 1330 2200 0630 0650 0730 0970 2400 0550 0560 0620 0800 0200 0500 0510 0560 0730 0400 0450 0460 0620 0690 0600 0490 0510 0600 0850 0800 0660 0700 0820 1180 = AR	4735 kHz, 30-04, 0700 UTC VVVVV PROMRÖ = 30 04 = 1000 0790 0820 0940 1310 1200 0880 0910 1030 1420 1400 0920 0950 1070 1470 1600 0890 0920 1050 1460 1800 0870 0900 1040 1460 2000 0820 0860 0970 1330 2200 0630 0650 0730 0970 0000 0550 0560 0620 0800 0200 0500 0510 0560 0730 0400 0450 0460 0520 0690 0600 0490 0510 0600 0850 0800 0660 0700 0820 1180 = ABV VVVVV PROMRÖ = 30 04 = 1000 0790 0820 0940 1310 1200 0880 0910 1030 1420 1400 0920 0950 1070 1470 1600 0890 0920 1050 1460 1800 0870 0900 1040 1460 2000 0820 0860 0970 1330 2200 0630 0650 0730 0970 0000 0550 0560 0620 0800 0200 0500 0510 0560 0730 0400 0450 0460 0520 0690 0600 0490 0510 0600 0850 0800 0660 0700 0820 1180 = AR
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DIGITAL MODES

HM01 - Dirección General de Inteligencia

The transmissions consist of six groups read in Spanish for several minutes, then a single group is read followed by a file transfer in WinDRM.

11435 kHz, 01-04, 1553 UTC: Radio Habana Cuba. Off at 1555z. HM01 at 1601z

Groups: 04309 57701 15063 43481 24345 54481

Files: 15630430.TXT 50865770.F1C 05001506.TXT 70534348.TXT 10512434.TXT 74265448.TXT

11435 kHz, 02-04, 1610 UTC

Groups: 57301 57702 15063 43481 24346 54482

Files: 63615730.TXT 50865770.F1C 05001506.TXT 70534348.TXT 10512434.TXT 74265448.TXT

11435 kHz, 03-04, 1640 UTC

Groups: 57301 57703 15065 43482 24347 54483

Files: 63615730.TXT 50865770.F1C 05001506.TXT 70534348.TXT 10512434.TXT 74265448.TXT

11435 kHz, 04-04, 1606 UTC

Groups: 57302 57704 15066 43483 24348 54484

Files: 63615730.TXT 50865770.F1C 05001506.TXT 70534348.TXT 10512434.TXT 74265448.TXT

11435 kHz, 05-04, 1602 UTC

Groups: 57303 57705 15067 43484 73751 54485

Files: 63615730.TXT 50865770.F1C 05001506.TXT 70534348.TXT 50157375.F1C 74265448.TXT

11435 kHz, 06-04, 1600 UTC

Groups: 57304 57706 15068 43485 73751 54486

Files: 63615730.TXT 50865770.F1C 05001506.TXT 70534348.TXT 50157375.F1C 74265448.TXT

11435 kHz, 07-04, 1603 UTC

Groups: 57305 57707 22361 43486 73752 54487

Files: 63615730.TXT 50865770.F1C 00322236.TXT 70534348.TXT 50157375.F1C 74265448.TXT

11435 kHz, 08-04, 1601 UTC

Groups: 57306 41371 22361 43487 73753 54488

Files: 63615730.TXT 50164137.F1C 00322236.TXT 70534348.TXT 50157375.F1C 74265448.TXT

11435 kHz, 09-04, 1602 UTC

Groups: 57307 41371 22362 43488 73754 54489

Files: 63615730.TXT 50164137.F1C 00322236.TXT 70534348.TXT 50157375.F1C 74265448.TXT

11435 kHz, 10-04, 1632 UTC

Groups: 41011 41372 22363 70321 73755 35021

Files: 67374101.TXT 50164137.F1C 00322236.TXT 56477032.TXT 50157375.F1C 87083502.TXT

11435 kHz,, 11-04, 1601 UTC

Groups: 41011 41373 22364 70321 73756 35021

Files: 67374101.TXT 50164137.F1C 00322236.TXT 56477032.TXT 50157375.F1C 87083502.TXT

11435 kHz, 12-04, 1615 UTC

Groups: 41012 41374 22365 70322 73757 35022

Files: 67374101.TXT 50164137.F1C 00322236.TXT 56477032.TXT 50157375.F1C 87083502.TXT

11435 kHz, 13-04, 1603 UTC

Groups : 41013 41375 22366 70323 40821 35023

Files : 67374101.TXT 50164137.F1C 00322236.TXT 56477032.TXT 85634082.TXT 87083502.TXT

11435 kHz, 14-04, 1601 UTC

Groups: 41014 41376 22367 70324 40821 35024

Files: 67374101.TXT 50164137.F1C 00322236.TXT 56477032.TXT 85634082.TXT 87083502.TXT

11435 kHz, 15-04, 1601 UTC

Groups: 41015 41377 22368 70325 40822 35025

Files: 67374101.TXT 50164137.F1C 00322236.TXT 56477032.TXT 85634082.TXT 87083502.TXT

11435 kHz, 16-04, 1607 UTC

Groups: 41016 41378 55741 70326 40823 35026

Files: 67374101.TXT 50164137.F1C 54845574.TXT 56477032.TXT 56477032.TXT 87083502.TXT

11435 kHz, 17-04, 1640 UTC

Groups: 41017 41379 55741 70327 40824 35027

Files: 67374101.TXT 50164137.F1C 54845574.TXT 56477032.TXT 85634082.TXT 87083502.TXT

11435 kHz, 18-04, 1600 UTC

Groups: 04021 52661 55742 70328 40825 86531

Files: 81070402.TXT 38525266.TXT 54845574.TXT 56477032.TXT 85634082.TXT 66118653.TXT

11435 kHz, 19-04, 1604 UTC

Groups: 04021 52661 55743 84631 40826 86531

Files: 81070402.TXT 38525266.TXT 54845574.TXT 36628463.F1G 85634082.TXT 66118653.TXT

11435 kHz, 20-04, 1602 UTC

Groups: 04022 52662 55744 84631 40827 86532

Files: 81070402.TXT 38525266.TXT 54845574.TXT 36628463.F1G 85634082.TXT 66118653.TXT

11435 kHz, 21-04, 1608 UTC

Groups: 04023 52663 55745 84632 31861 86533

Files: 81070402.TXT 38525266.TXT 54845574.TXT 36628463.F1G 74723186.TXT 66118653.TXT

11435 kHz, 22-04, 1601 UTC

Groups: 04024 52664 55746 84633 31861 86534

Files: 81070402.TXT 38525266.TXT 54845574.TXT 36628463.F1G 74723186.TXT 66118653.TXT

11530 kHz, 23-04, 1604 UTC

Groups: 04025 52665 55747 84634 31862 86535

Files: 81070402.TXT 38525266.TXT 54845574.TXT 36628463.F1G 74723186.TXT 66118653.TXT

11635 kHz, 24-04, 2101 UTC

Groups: 04026 52666 16881 84635 31863 86536

Files: 81070402.TXT 38525266.TXT 00771688.TXT 36628463.F1G 74723186.TXT 66118653.TXT

25/30-04 Repeat of 24-04***F01, F06, F06a, M42, M42a, M42b, X06 - Russian Government & Intelligence***

M42b – CW + FSK 50/500

4958 kHz, 04-04, 1439 UTC, CW. OUGW wkg PRIL

OUGW QTC 2 ZTH QRV ? K

PRIL QRV K

OUGW NW 323 100 K

PRIL R 323 1442 K

OUGW NW 324 100 K

PRIL R 324 1443 K

OUGW QRU QRU ? K

PRIL QTC 2 ZTH QRV ? K

OUGW QRV K

PRIL NW 429 100 K

OUGW R 429 1448 K

PRIL NW 430 30 K

OUGW R430 1449 K

PRIL QRU NIL SK K

OUGW NIL SK

Note: QSY 98127 is QSY 4044 kHz

4958 kHz, 06-04, 1439 UTC, CW, OUGW wkg PRIL

QSA NO QSY 98127 K

QSA 4 QTC2 ZTH

4958 kHz, 07-04, 1439 UTC, CW, OUGW wkg PRIL

QSA QSA4 QTC2 ZTH

NW 339 100 K

340 30 K

QRU QRU ? K

QRV

R 445 1442

R 446 1142 K

NIL SK

5426 kHz, 13-04, 1440 UTC, CW. PRIL wkg UOGW. QSY 4958 kHz

QTC 2 K

NW 460 100 K

QRU NIL SK

4958 kHz, 13-04, 1440 UTC, CW. OUGW wkg PRIL. QSY 5426 kHz

QTC2 ZTH NW 468 100 K

469 30 K

QRU NIL SK

4958 kHz, 27-04, 1440 UTC, CW	OUGW wkg PRIL
5426 kHz, 27-04, 1441 UTC, CW	PRIL wkg UOGW
4958 kHz, 27-04, 1449 UTC, CW	OUGW wkg PRIL: QSA NO QSY 52991 K. QSA NO SK

5223 kHz, 10-04, 0820 UTC, CW	MRLC wkg BZTJ
QTC1 ZTH ? K	
NW = 352 100 K	
NW = 353 30 K	
CFM NIL QRU ? K	
OK QRV K	
R452 0823 K	
R 454 0823 K	
NIL SK	

6837 kHz, 16-04, 1654 UTC, CW	LM7K de W9SP K
6773 kHz, 18-04, 0813 UTC, CW	RGG wkg UBI: QSY 11541
7591 kHz, 18-04, 1155 UTC, CW	Net control wkg out station: QLO 20 K. QRU? ZVP R 207 1202 NIL SK
5789 kHz, 20-04, 0857 UTC, CW	Message in progress
5789 kHz, 21-04, 0744 UTC, CW	Message in progress QRU NIL SK (QSY 7653 kHz)

14907 kHz, 24-04, 0752 UTC, CW, i.p.
QSA3 QTC2 K
OK QRQ 18 K
NW 11100 80104 36925 24007 01009 =
38068 07527 93822 90449 75054 ...

14907 kHz, 24-04, 0803 UTC, CW, i.p.
NW 11100 80104 47812 24008 01009
AQXVY ENMUJ BHOLD GNTIJ POWWA SDVBB FOPKK AUWSW ...
CKM NIL SK

5921 kHz, 27-04, 0555 UTC. SDAK wkg UOZG
QSA NO QSY36017 K
QSY 38288 K
QSO NA SK SK

5267 kHz, 11-04, 1439 UTC, CW	IRWN wkg TOAM: QTC2 ZTH QRU NIL SK (QSY 5932 kHz)
5932 kHz, 20-04, 1130 UTC, CW	TOAM wkg IRWN
5267 kHz, 20-04, 1133 UTC, CW	IRWN wkg TOAM: QSA NO QSY 75430 (QSY 5932 kHz)
4762 kHz, 20-04, 1143 UTC, CW	IRWN wkg TOAM: QSA NO QSY 88455 QSA NO SK
5267 kHz, 22-04, 1130 UTC, CW	IRWN wkg TOAM: QRU? ZTH R505 1131 K NIL SK
5267 kHz, 24-04, 1131 UTC, CW	IRWN wkg TOAM
4762 kHz, 24-04, 1145 UTC, CW	IRWN wkg TOAM: QSA NO SK SK

5932 kHz, 25-04, 1130 UTC, CW	TOAM wkg IRWN
QRU ? K	
QRV	
R 412 1132 K	
R413 1133 K	
QTC 2 ZTH QRV ? K	
NW = 516 100 K 517 30 K	
CFM NIL K SK	

5267 kHz, 25-04, 1130 UTC, CW	IRWN wkg TOAM
QTC 2 ZTH ? K	
NW 413 30 K	
CFM NIL QRU ? K	
OK QRV K	
R 516 1134 K	
R 517 1136 K	

61128 87101 07907 69336 49846 99780 14359 43855 28318 27052
61178 86774 90027 16204 82233 27245 41680 48835 24747 56576
97032 38052 51511 58933 67862 51000 82887 01508 07151 33948 = 100 =
23609 07020 00408 11993 99126 47932 87560 46968 96859 87078
58780 52857 25791 73969 98773
-1441

CFM NIL SK

6772 kHz, 21-04, 1435 UTC, CW/FSK 50/500

F8IR de K5LW K

QSA 3 K

CFM K

QTC 1 ZZC K

772 111 21 1420 2358 =
75001 45939 08284 81359 52392 01162 98100 07711 71189 23773
59098 99406 73827 36049 18085 61905 93657 75410 93412 62992
29630 24718 79343 53836 63312 69907 75949 60610 16604 08693
41698 35584 01278 66543 98465 62112 28401 30675 54033 63083
66471 13063 69323 57181 37364 75952 71681 74965 24297 51918 = 50 =
93635 44381 01134 45328 87124 65065 92219 23877 85719 30544
73004 66904 62488 75846 90651 63007 51754 45130 15437 26947
80272 40319 93703 60500 97244 13187 09907 97183 23689 23236
78372 56392 74240 29327 19999 52159 18659 92612 32512 86019
11458 23953 71639 07705 50575 80559 54592 09304 02771 70255 = 100 =
85720 53358 89800 07631 76131 76568 39108 31235 76085 39754
97299 -1438 K

R 361 1442 K

NIL SK

6772 kHz, 25-04, 1433 UTC, CW	K5LW wkg FI8R
6772 kHz, 27-04, 1437 UTC, CW	K5LW wkg FI8R: QSA NO QSY 43773 K

6853 kHz, 13-04, 0640 UTC	R 851 06400 QRX 827404 K AR
6853 kHz, 13-04, 0700 UTC	K4MT wkg NT9P: QSW 81138 K

10160 kHz, 18-04, 1240 UTC, CW/FSK 50/500

K4MT de NT9P K

BK QSA 2 QSY 98014 K

CFM SLV K

BK QSA 3 QRU ? K

ZVP K

BK QRV K

R 651 1250 K

QTC 1 ZZC K

134 105 18 1245 9162=
42055 54039 01413 86044 95103 66DD48430 17160 51256 11518
99601 17192 43952 44466 02768 91299 86958 10270 88328 92269
75315 48142 34046 55357 30163 47651 94163 73496 52071 88508
41062 34016 89705 00029 70044 48506 69719 90995 93155 7934
10895 14907 6=720 32928 30695 09295 37929 62646 39048 56129 =50=
07494N11 99494 02034 25N61 04583 88219 52470 20072 65553
60501 95288 03413 63529 46198 53072 16905 35506 61866 89708
27852 07931 64358 32337 70895 45120 45116 55514 36171 16152
90088 87764 53611 91348 58356 87042 26447 02660 87601 38114
72165 25275 57551 47705 47414 38125 78991 22712 11337 92733 =100=
15424 27480 01109 27180 21280 -1253

CFM NIL SK

NT9P wkg K4MT
QSA2 QSY 81419
R 692 1250 K
QTC1 K

CFM NIL SK

ZVP BK RPT AA GR90 K
R 116 1224 K
QTC1 ZZC K

CFM NIL SK
SK

QRU? K
QRV K
ZVP
R125 1717
QRU
NIL SK

CFM NIL SK

6996 kHz, 21-04, 1709 UTC, CW/FSK 50/500

ZUDG de KEVT K
QSA 4 QRU ? K
ZVP K
R 191 1714 K
CFM QTC 1 ZYC K

RYYRYRYRYRYRYRYRYRYRYRY

783 109 21 1650 7645 =
24710 21078 87801 06194 78513 06986 69491 61107 20789 84232
27894 02798 26168 56225 84541 64855 39524 40655 57556 77402
44710 08695 69842 23146 51270 55924 44699 43620 50910 85313
50128 33560 59157 88533 72074 76427 87393 86784 41024 01147
63248 64855 10316 19864 31777 91682 88503 28776 09045 93145 = 50 =
56317 48500 30163 83759 57723 57113 12989 11289 29883 40445
99495 34786 86438 46612 59907 14557 39848 49185 22192 42868
39297 17928 53553 90329 53177 95253 71814 62947 70660 43924
68370 50887 16340 69821 32870 68427 96247 34389 88083 01997
86460 11756 85196 19473 49877 82634 82413 63383 39941 77877 = 100 =
69471 87811 78685 41920 91154 58981 88911 55405 61444 -1719 K

CFM NIL K
SK

5868 kHz, 21-04, 1709 UTC, CW/FSK 50/500

SA 3 K
KEVT DE ZUDG
ZVP K

RYYRYRYRYRYRYRYRYRYRYRY

191 100 21 1700 6839 =
96920 72429 32641 88300 87404 16462 91504 10774 07230
54794 33209 44550 56291 70369 78822 87888 21141 3981 075206
39865 95477 27220 ...07 68946 63421 30908 37007 71140
68973 73480 2457 090090 30772 78265 55093 02060 74062 20JZM
74647 03529 20739 25323 25868 21666 76060 06351 = 50 =
40135 2618 64040 08386 06222 21170 34269 71799 85381 50918
63685 03012 26843 01472 55805 975980 = 7 95018 55459 95253
40840 14835 89226 91124 19954 07022 58991755 44666 27951
36044 54178 54609 18303 04962 71066 2945 91120 99460 39860
16435 70899 62218 82916 9165909067 8592 34513 49761 66578
ZVP K
R 783 1719
CFM K
NIL SK

6996 kHz, 25-04, 1709 UTC, CW. KEVT wkg ZUDG

QSA2 QSA? K
QSY 76341

5738 kHz, 25-04, 1720 UTC, CW. KEVT wkg ZUDG

QSA NO QSY 65025
QSA NO NIL SK

6996 kHz, 27-04, 1709 UTC, CW/FSK 50/500

ZUDG de KEVT K
QSA3 K
ZVP K
R 201 1715 K
QTC 1 ZVP ? K

13902 kHz, 18-04, 0810 UTC, CW PG67 wkg F8PW: QSA 0 QSY 68848. QSA 0 QSY 69414
13922 kHz, 19-04, 0757 UTC, CW K9VE wkg IC8U: QLO 20 (QSY 14456 kHz)

13902 kHz, 19-04, 0801 UTC, CW K9VE wkg IC8U
QSY 39912
QSA NO QSY 31911
QSA 3 QTC1 ZTH ? K
NW = 348 200 190800 5321 K
QRU? K
QRV K
R 818 0823 K
QSY 32851
R 818 0835
QSY 32321

13392 kHz, 19-04, 0822 UTC, CW IC8U wkg K9VE: R 818 0825 K OK QSW 32321 (QSY 13902 kHz)
13922 kHz, 20-04, 0757 UTC, CW 2YaNH wkg 6J11: QLO 20 (QSY 14456 kHz)

13902 kHz, 20-04, 0801 UTC, CW. QSY 14456 kHz
2YaNH wkg 6J11:
R 931 0805 QTC1 ZTH
NW 349 100 20 0808 1908 K
NIL SK

14456 kHz, 20-04, 0801 UTC, CW. QSY 13902 kHz
6J11 wkg 2YaNH:
QTC1 ZTH
NW 931 100 20 0800 ... K
QRU?
ZTH QRU
NIL SK

13922 kHz, 24-04, 0757 UTC, CW MB8W wkg S5W8: QLO 20 (QSY 14456 kHz)

13902 kHz, 24-04, 0800 UTC, CW MB8W wkg S5W8
QTC1 ZTH? K
QSA 0 QSY 84108 K
ZTH K
RPT RPT K
R 295 0813 K
QTC1 K
ZTH? K
353 100

13922 kHz, 26-04, 0757 UTC, CW WSJ8 wkg K9M1
QSA 4
QTC1 ZTH ? K
355 100 26 0800 1908 K
CFM NIL QRU ? K
QRV K R 171 0807 K
NIL SK

14456 kHz, 26-04, 0757 UTC, CW K9M1 wkg WSJ8
QSA4 K
OK QRV K
R355 0804 K
QTC1 ZTH QRV ? K
NW 171 100 26 0800 0102 K

13922 kHz, 27-04, 0757 UTC, CW PRDN wkg FI17: QLO 20 K

13902 kHz, 27-04, 0758 UTC, CW PRDN wkg FI17
QRV K
R 415 0801 K
QTC1 ZTH QRV ? K
NW = 356 100 27 0800 7890 K
CFM QRU ? K
SK

14456 kHz, 27-04, 0758 UTC, CW FI17 wkg PRDN
QTC1 ZTH QRV K ?
NW = 415 100 27 0800 1821 K
RPT
QRV K
R 356 0809 K
QRU NIL SK

6817 kHz, 04-04, 1708 UTC, CW/FSK 50/500
W8AD ZVP K
BK BK QRV K
R 836 1508 K
QTC1 ZZC K

RYRYRYRYRYRYRYRYRY
204 183 4 1503 5678 =
23484 58606 20176 98365 96912 08867 40310 23338 19400 63649
26641 37589 10220 61040 15809 14551 98098 72387 60106 30122
59840 98087 23823 28450 49054 00390 19437 00282 66854 01321
87334 19643 45124 26258 81645 13558 80755 54886 53317 99619
75409 39799 96607 57734 41612 40171 34152 49842 74431 06026 =50=
49777 10045 53190 66519 25164 47824 56785 34435 61059 42197
69988 85569 67063 11099 07953 98371 39337 72681 66053 11303
00848 64640 4196' 16806 07415 17292 11417 62034 33528 65538
66974 48807 31342 93363 39317 18351 99747 48532 36181 92455
71973 64273 28428 73278 88696 60286 23502 23042 20881 36563 =100=
60181 92386 19217 59450 96801 64769 29143 16628 76865 01083
22840 42204 60835 14456 79084 69610 27974 21828 33298 57188
69854 48843 37272 56242 88581 88761 94243 29061 95949 18072
92721 39288 70394 31052 21302 68667 74860 26554 39306 74403
83416 43342 65078 80302 49095 68913 49559 08637 09124 78733 =150=
06422 72873 18915 89592 80553 15447 95783 14106 54379 81120
84027 57415 33722 49270 27650 26280 26712 40589 81992 59194
41082 44828 31296 43588 41416 11417 15214 30981 80859 75455
13436 86024 73445 - 1517 K

CFM NIL SK

5471 kHz, 13-04, 0550 UTC	UOZG wkd WDAK. (Qsx 5921 kHz)
4618 kHz, 13-04, 0550 UTC	UOZG wkd WDAK. (Qsx 5921 kHz)
5921 kHz, 13-04, 0558 UTC	WDAK wkd UOZG. QSY 89989 K QSO NO NIL SK (Qsx 4618 kHz)

5471 kHz, 17-04, 0550 UTC, CW/FSK 50/500
WDAK de UODG K
QSA3 QTC1 ZZC K

183 100 17 0507 9150 =
96930 72429 32641H88300 87404 16462 45850 12254 10774 07230
54794 33209 44550 56291 70369 78822 87888 21141 39804 85206
39865 95477 86664 70786 93793 17057 68946 63421 30908 37007
71140 68973 73480 24567 60972 10903 87612 78265 55093 02060
74062 20439 74647 03529 20739 25323 49868 21666 76060 06351 =50=
40135 2608 64040 08386 06222 22070 34269 71799 85381 50918

63685 03012 26843 01472 55805 97598 67147 95018 55459 95253
40840 64835 89226 91124 19954 07022 58553 51755 44666 27951
36044 54178 54609 18303 04962 71066 31545 91120 99460 39860
16435 70899 62218 82916 91659 69067 89652 34981 97615 46578

CFM NIL QRU ? K
CFM NIL QRU ? K
R 146 0605 K

5921 kHz, 17-04, 0550 UTC, CW/FSK 50/500

UODG de WDAK
QSA3 QRU? K
OK ZVP K
R 183 0602 K
CFM K

146 100 17 0545 5105 =
14297 7881 7744 45173 59940 13942 70539 75950 40167 51089
71297 26092 96012 06939 98566 01718 48927 11315 72455 27596
70109 9 27404 7448 71275 58946 29871 90375 74490 52407 =50=
16560 23917 20116 43 61289 73339 54236 64431 95975 33084 50000 75819 55324
81010 88971 66255 21730 06691 07428 723290 88682 27532 27272 81710
09025 09184 94237 89696 38708 76587 21098 07023 50180 55
23563 40704 38796 65644 45858 50977 87691 33082 06268 06606 =100=
-0605

CFM K. NIL SK

5342 kHz, 21-04, 1805 UTC, CW TI4T wkg W7AD: QLO 20

5322 kHz, 21-04, 1808 UTC, CW/FSK 50/500

W7AD de TI4T K
QSA 4 QRU ? K
ZVP K
R 938 1813 K
QTC 1 ZZC K

209 200 21 1801 2348 =
19475 48492 89850 85784 16759 38387 68560 44127 01063 72972
62258 50397 96156 33989 75893 61880 29169 94720 75025 15768
58948 89336 26697 01546 07442 88058 77322 40753 55735 43613
96723 53915 54385 62468 96076 54692 53837 93163 58750 31846
51069 03984 98614 11430 20146 79465 40754 86023 78911 85108 = 50 =
52601 92806 52707 86348 64698 50646 29423 86884 08400 74154
26928 612 07879 61978 32641 57739 26487 68307 68633 88550
68789 75472 73292 02603 46761 44062 02646 61968 30072 65105
63898 59979 75258 69399 87553 00459 43294 25983 53147 45492
95356 79501 59134 88930 45168 26489 47547 86062 51135 94754 = 100 =
18517 61674 12418 95405 43486 90680 77886 24686 42654 97451
60146 31438 44486 47522 66916 22289 62162 94825 92635 57633
86917 44622 65003 33349 16331 15331 36138 32831 11186 38406
34801 10277 24377 63450 74705 50659 45378 79191 10862 71811
10997 02060 14006 24535 59610 58280 64302 58005 06616 49935 = 150 =
91199 17693 06350 50822 92806 64810 00305 32702 30948 28088
63082 61333 21643 47385 13947 82383 93940 19381 09800 35400
58454 53681 85836 16849 74283 84754 53083 19869 13579 04391
79525 79306 07257 76215 36997 56557 14544 24861 42988 39286
10164 03350 41063 49516 96907 24842 16586 78380 08202 69340 = 200 =
-1819 K =

CFM NIL SK

5351 kHz, 06-04, 1725 UTC, CW ZUDG Wkg KEVT: QSY 65177 QSA NO SK

5868 kHz, 18-04, 1708 UTC, CW/FSK 50/500

KEVT DE ZUDG K
QSA 4 QTC1 ZZC K

RYYYYYYYYYYYYYYYYYYYYY

185 100 18 1648 3579 =
44378 42390 42394 30076 45719 42149 60689 43492 46775 10710
48539 57481 34113 26867 20397 90064 02457 32490 73504 03209
04034 94693 21567 30991 27499 19251 45561 95785 00687 53972
01170 30155 21377 69337 06986 8GM0479 40957 69916 897159
43162 74884 13670 53060 04998 77751 21457 2X 81197 =50=
19320 12997 03079 03340 84960 84195 03655 87988 60197 MZ65
54142 12644 46701 49047 82901 70206 77281 41637 273M7 73877
70=A6868 73594 86769 58689 57365 23340 18896 68910 50636
78758 60616 34260 470AJMK0NN=AG16 55136 =222 36139
90188H49376 28089 1530 25657 00515 53783 72311 95923 85140 =100=

R 429 1717 K
NIL SK

6996 kHz, 18-04, 1708 UTC, CW/FSK 50/500

ZUDG de KEVT
QSA4 K
ZVP K
R 185 1713 K
QTC1 ZZC K

RYYYYYYYYYYYYYYYYYYYYY

429 105 18 1705 3456 =
85276 38786 44917 97232 05782 66769 22820 64780 80481 16593
12737 35339 08433 69268 28631 67498 58203 15053 06466 35151
41100 88035 54382 81342 49929 10907 83307 78786 17283 50028
06058 73429 03068 01558 09850 32271 13704 05891 38248 59673
96471 29108 90542 14157 14395 50963 95667 82405 42433 11482 =50=
16516 75505 97181 84204 53174 26022 48678 40317 35519 38282
39758 83760 31979 74029 72819 30644N10517 02313 88410 89001
24208 70806 18415 83383 81934 44745 55889 88681 75475 02372
21088 35966 70252 75987 68016 01503 60825 17776 17262 94048
94769 48464 22512 54974 31692 62071 02800 12955 47783 86220 =100=
52733 65187 14703 21034 64669 -1717

CFM QRU NIL SK

8069 kHz, 18-04, 1200 UTC. Tentative M42b

VXBM de YP3M (R4m)
QTC NW NW = 289 030 18 1125 2881 =
65685 82467 66340 20676 82664 50373 17346 29008 25368 54224
47403 24501 21083 38443 42118 61708 15642 33346 85628 38923
47947 27895 84528 79403 95850 06033 13279 82716 86936 73974
= QRU QRU SK SK

8069 kHz, 25-04, 1200 UTC, CW. Z6QG de N5OR (R4m)

QTC NW NW = 871 030 25 1132 1472 =
67823 60810 12661 23582 38800 27782 29309 27322 34223 58417
80878 44111 02974 66445 09956 21897 46112 61691 26510 66717
69168 90873 12017 68993 29417 76036 31130 45418 57149 35265
= QRU QRU SK SK

9281 kHz, 25-04, 1220 UTC, CW. Z6QG de N5OR (R4m)

QTC NW NW = 871 030 25 1132 1472 =
67823 60810 12661 23582 38800 27782 29309 27322 34223 58417
80878 44111 02974 66445 09956 21897 46112 61691 26510 66717
69168 90873 12017 68993 29417 76036 31130 45418 57149 35265
= QRU QRU SK SK

6793 kHz, 25-04, 1436 UTC, CW. RGI wkg outstation:

QSA 4 K
QTC 2 K
NW 11100 60102 00000 25356 00753 =
94568 51348 13269 64327 70168 67215 ...
NW 11100 60102 00000 25357 01003 =
ONLVW VCYCO FDJIN ...
OK QSW 5885 K
QSL1
QSL2
NIL SK

4903 kHz, 25-04, 1436 UTC, CW. Net Controle wkg RGI

QRV QSL1
QSL2
QTC2 QSY 5885 K

4903 kHz, 25-04, 1453 UTC, CW. Net Controle wkg RGI

NW 11100 60102 00000 25474 00759 =
369045 ... K
11100 60102 00000 25475 01009 =
JMZYJ JMMJM ...
QRU NIL SK

6793 kHz, 25-04, 1527 UTC, CW. RGI wkg outstation:

QTC 2 QSY 4903 K
NW 11100 00000 25358 00753 =
94568 51348 13269 64327 70168 67215 ... K
NW 11100 60102 00000 25359 01003 =
OBLVJ VCYCO FDJIN SNKRC ...

4903 kHz, 25-04, 1527 UTC, CW. Net Controle wkg RGI

QSL2 K
QTC2 QSY 5885 K NW =
11100 60102 00000 25476 000759 =
37659 22612 73287 24900 42519 95326 ... K
11100 60102 00000 25477 01009 =
EAFX X MFOOL BXDPD WUVJX RRQRC EEFDP UGISO ...
QRU NIL SK

8167 kHz, 04-04, 1535 UTC, CW/FSK 50/500

IMSK IMSK IMSK DE MN7L MN7L K
QSA3 QRU? K
ZVP K
BK BK QRV K
R 181 1539 K
QTC1 ZZC K

RYRYRYRYRYRYRY
832 100 04 1535 4356 =
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 89477 63812 39120 19123 52767 58759 81298 18397

87486 59819 81981 78466 75783 11292 19283 71267 84984 39121 =50=
01022 91983 57573 57239 81989 _8970 __921 09101 01298 91478
35678 87638 12928 21781 87178 14939 28235 12091 20624 _____
_1180 21921 86568 74539 04210 12018 93787 68574 21021 90215
32829 _9418 2_0__ 01__1 __188 36788 76538 74198 92101 01901
2__27 17583 57189 89189 32753 75753 89192 20101 21934 89487 =100=

CFM NIL K

8167 kHz, 05-04, 1535 UTC, CW/FSK 50/500

IMSK IMSK IMSK DE MN7L MN7L K (repeated)

BK QSA4 QSA? K

ZVP K

BK BK QRV K K

R 183 1540 K

QTC1 ZZC K

RYRYRYRYRYRYRYRYRYRYRY

854 100 5 1514 8005 =

78463 61286 20700 87601 24558 57273 48542 63207 24593 40962
07279 12247 10845 43125 24357 27346 44395 69760 50861 90502
05907 63074 62934 13000 22933 39652 95990 04161 79147 86915
18637 52337 03333 89314 61988 90884 68358 72915 96296 81632
06251 75835 92249 13239 60062 03211 92687 99060 87398 59012 =50=
91043 30374 70432 50157 28429 66983 21899 97751 84195 96408
79770 60469 35219 06652 92791 06925 00436 14191 48747 54909
43818 73507 22152 20664 19433 21239 10532 28033 97664 09022
30325 50841 19272 00099 62385 23554 94604 87896 82506 56028
00091 48639 88809 64358 62207 34347 14678 74459 06490 87045 =100=
-1543

CFM NIL K

SK

8167 kHz, 06-04, 1538 UTC, CW/FSK 50/500

IMSK IMSK IMSK DE MN7L MN7L K

QSA3 QRU? K

ZVP K

BK BK QRV K K

R 185 1538 K

R 185 1538 K

QTC1 ZZC K

RYRYRYRYRYRYRYRYRYRYRY

313 105 6 1535 1749 = =

83795 65547 92962 72106 21399 52265 07212 14623 91269 09519
46406 31103 03476 40946 98042 87222 65213 83566 09680 44747
17279 71042 56111 96737 37695 58203 09913 00790 59844 68730
01253 90716 98438 77753 82291 25795 73499 31413 56467 30454
69843 45351 06296 92424 74228 44234 77709 39577 37249 04354 =50=
26727 77856 54988 78755 97805 87981 63887 22103 05809 49962
08352 31009 33009 90557 22496 92725 96431 93122 10508 37052
20501 43534 29638 02306 96248 61726 60689 49453 38024 55000
47982 47339 66142 83307 04157 65237 98284 70087 52047 96622
33576 35612 90121 14849 22573 95181 41195 91260 66728 99943 =100=
36945 47929 31074 73610 51904 -1543

CFM NIL K

SK

8167 kHz, 07-04, 1534 UTC, CW/FSK 50/500

IMSK IMSK IMSK DE MN7L MN7L K

QSA3 QRU? K

ZVP QEV K

R 187 1537 K

QTC1 ZZC K

RYYRYYRYYRYY

164 105 7 1535 7890 =

57622 34576 45675 67472 51769 12345 78123 45014 07576 12376

81238 76145 67406 13217 86348 13765 36154 67814 76346 53757

23464 27823 47236 90190 12763 _4329 892_1 28736 74735 71287

11_12_4983 89477 63812 39120 1_123 86_48 -8799 81298 68397

87486 59819 81981 78466 75710 11292 1928_7126 8_384 39122 =50=

01022 91983 57573 57239 81989 81753 85717 82921 09101 01298

91478 35678 87638 12928 21781 87178 1493. 28235 12091 2012_

03180 21921 86568 74539 04210 12018 93787 68574 21021 90215

32829 39418 71781 87128 29218 36788 76538 741_8 92101 01901

29287 17583 57189 89189 32753 75753 57937 66384 54286 46295 =100=

42690 38829 38792 73722 31_1_ -1531

CFM NIL K

8167 kHz, 08-04, 1535 UTC, CW/FSK 50/500

IMSK IMSK IMSK DE MN7L MN7L K

IMSK IMSK IMSK DE MN7L MN7L K

QSA3 QRU? K

ZVP K

BK QRV K K

R 189 1539 K

QTC1 ZZC K

RYYRYYRYYRYY

957 104 8 1535 7397 =

18556 78095 22791 59766 79563 29017 19447 63513 11780 73850

10017 99132 58933 53548 80720 36022 90431 43154 43086 39646

42349 46433 65268 88367 10817 15653 72460 83654 75645 50448

36967 99161 14867 83973 50561 79057 06266 51234 93025 89493

59769 54141 40374 30524 88425 64587 73699 60387 80972 86886 =50=

72030 39973 94115 37101 20521 53955 18563 21249 99927 08505

21701 23283 15224 29727 57908 36083 28123 76739 83071 77134

43739 18559 72201 47651 63257 98227 41699 01513 44128 56848

11770 12014 39231 91863 77534 66178 15419 22014 77855 02655

51926 19015 39663 87241 47265 68190 10804 67710 02163 81237 =100=

72624 48146 04681 80181 - 1542 K

CFM NIL SK

7547 kHz, 09-04, 1534 UTC, CW/FSK 50/500

MN7L MN7L MN7L DE IMSK IMSK K

QSA3 QSA? K

QTC1 ZZC K

RYYRYYRYYRYYRYYRYYRYYRYYRYYRYY

191 100 9 1523 8105 =

91892 40783 14341 65003 89459 45177 26825 26516 04048 12512

82159 29537 47349 16589 19335 36780 99226 34509 44688 51629

55880 53644 83507 16166 01181 15489 33444 69754 33986 79208

03111 25763 61835 29726 35024 61502 30544 86954 24607 35809

53478 03963 39504 99286 92075 90003 97854 66982 43196 79529 =50=

31248 75095 50245 82172 51693 26298 14150 94623 37383 16624

00769 00741 88693 61843 38296 60244 84483 38533 71350 63168
62811 47183 59707 05788 25152 24552 54435 59460 74946 87355
40255 67135 49984 46604 67853 65200 94239 89913 65456 01261
82099 35467 75199 39041 52817 62008 39338 46394 37461 47184 =100=

CFM NIL
CFM NIL QRU? K
OK ZVP K
ZVP K
BK BK QRV K K
R 721 1544 K
NIL SK

8167 kHz, 09-04, 1535 UTC, CW/FSK 50/500

IMSK IMSK IMSK DE MN7L MN7L K
QSA3 QRU? K
ZVP K
BK BK QRV K
R 191 1539 K
QTC1 ZZC K

RYRYRYRYRYRYRYRY
721 10 9 1535 6768 = =
88508 97437 94605 55503 23208 72088 96232 33329 90949 01729
40076 16421 88490 49119 93647 12829 22373 86100 45068 16078
34284 44658 65672 82352 00869 65104 00244 74823 72912 45781
15370 42146 25202 48001 15920 76249 93846 07893 51407 27297
35645 59310 46621 74018 89040 12591 26283 84937 21144 50432 =50=
67800 78982 81093 36719 27404 33363 12784 13306 31894 85901
09201 37190 52716 60796 20900 09777 02800 24786 43374 91830
15964 87904 12+20 68160 40337 59878 03090 91469 79862 12765
31730 17097 61676 12174 10433 34148 76526 85271 41753 19676
25871 40249 95873 65341 85024 97754 17634 11803 19697 72446 =100=
-1542 =

CFM NIL SK

7547 kHz, 10-04, 1537 UTC, CW/FSK 50/500

MN7L MN7L MN7L DE IMSK IMSK K
QSA3 QSA? K
MN7L MN7L MN7L DE IMSK IMSK K
QSA3 QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRYRYRYRYRY
193 100 10 1500 8375 =
94343 34864 57849 99933 82127 47741 34588 82278 64761 75089
36350 21726 05055 05754 73150 24522 66013 06498 29546 05180
67574 51833 21925 44115 93448 24544 72221 80295 71696 13024
83027 07453 84728 83822 31520 13448 02106 12357 85350 25329
56108 14358 18238 06341 04660 88510 58869 69507 53578 57483
=50=
51847 04756 92480 56008 77224 09478 74978 87355 14972 05127
99533 96253 23732 81236 94383 70884 60313 82938 47321 70295
10141 43134 61412 72497 43477 55906 41757 00215 69603 80741
41488 26516 48733 63586 05867 16783 84452 49800 66859 41292
00786 61549 84329 86888 15412 55495 80750 53207 10472 57167
=100=

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

CFM NIL K
SK

MN7L MN7L MN7L DE IMSK IMSK K
QSA4 QSA? K
QTC1 ZZC K

CFM NIL QUR? K
OK ZVP K
BK BK QRV K K
AGN K
BK
AA DR 60 K
PSE AA DR 60 K
RPT AA 60
AS
R 482 1548 K

IMSK IMSK IMSK DE MN7L MN7L K
QSA3 QRU? K
ZVP K
BK QRV K
RPT K
RPT K
K K
R 411 1450 K
QTC1 ZZC K
NIL SK

54

71040 38089 62210 48745 16636 14047 60235 52888 76743 27125
66615 88756 46571 68995 60197 96944 74552 86792 69368 54790
08025 98248 64104 80147 93972 67866 34507 40636 05953 55213
70390 08923 09095 57831 03867 24864 20247 69081 05790 84155
12100 80753 11808 06006 36358 83677 40174 08418 88830 67519 =50=
11650 86926 31649 78196 47267 06018 50082 87802 72393 74874
74576 30877 66718 57145 19860 17123 13621 65821 51239 65342
48576 76983 52510 22241 11806 10150 98900 09647 32791 16788
38321 39584 22243 78722 00814 97966 71382 45850 22618 36004
50325 05893 37196 56966 37045 40800 55943 70398 58569 51152 =100=
-1544

RPT K
RPT K

74874
74576 30877 66718 57145 81986 07123 13621 65821 51239 69342
48576 76983 52510 22241 11806 10150 98900 09647 32791 16788
38321 39584 22243 71722 00814 97566 71382 45850 22618 36004
50325 05893 37196 56966 37045 40800 55943 70398 58569 51152 =100=

RPT K
CFM NIL K
SK

7547 kHz, 14-04, 1535 UTC, CW/FSK 50/500

MN7L MN7L MN7L DE IMSK IMSK K
QSA3 QSA? K
RPT K
QTC1 ZZC K

RYRYRYRYRYRYRYRYRYRYRY
201 100 14 1526 3827 =
91892 40783 14341 65003 89459 45177 26825 _6516 04048 12512
82159 29537 47349 16589 19335 36780 99226 34509 44688 51629
55880 53644 83907 16166 01181 15489 33444 69754 33986 79208
03111 25763 61835 29726 35024 61502 30544 86954 __62_ 45809
53478 03963 39504 99286 92075 90003 97854 66982 43196 79529 =50=
31248 75095 50245 82172 51693 26298 14150 94623 37383 16624
00769 00741 88693 61843 07_96 60244 84483 38533 _1358 63168
62811 47183 59707 05788 25152 24552 54435 59460 74946 873_5
40255 67135 49984 46604 67853 65200 94239 89913 65456 01261
82099 35467 75199 39041 52817 62008 39338 46394 37461 47184 =100=

CFM NIL QRU? K
OK ZVP K
BK BK QRV K
RPT K K
R 715 1544 K
NIL SK

8167 kHz too weak to copy

7547 kHz, 15-04, 1535 UTC, CW/FSK 50/500

MN7L MN7L MN7L DE IMSK IMSK K
QSA3 QTC1 K

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
203 100 15 1524 0739 =
41652 25677 65438 43989 30299 12322 88464 68157 93256 39129
08949 87341 64020 68075 08843 47282 10225 13447 62164 34531

CFM NIL QRU? K
ZVP K
BK BK QRV K K
R 687 1543 K
NIL SK

IMSK IMSK IMSK DE MN7L MN7L K
QSA4 QSA? K
ZVP K
BK QRV K K
R 203 1539 K
QTC1 ZZC K

CFM NIL K
SK

VV CFM NIL K
ZVP K
BK BK QRV K K
R 620 1541 K

RYYYYYYYYYYYYYYYYYYYYY
459 100 17 1530 4336 =
83304 66899 50581 12326 94648 27477 10374 94591 57957 76183
27995 21289 23454 16687 72668 81748 43629 06837 72839 87458
98748 30256 10713 60591 47849 56076 36564 63317 76769 81994
93996 24678 10753 81396 81464 56209 09914 06197 53304 85664
80214 62476 53375 74732 88951 17135 08318 98994 59940 42197 =50=
19064 79561 61561 17620 94012 90032 32871 19703 97479 71955
81438 99341 81311 67720 12662 78937 63344 76276 73881 81976
12297 50991 33777 75101 82706 32004 24579 52988 06223 18671
49177 44965 96197 52699 31758 28077 92627 67162 12749 51983
80905 57653 46069 14295 33608 45909 94950 25129 53161 84250 =100=
-1542=

CFM NIL K
SK

7547 kHz, 18-04, 1534 UTC, CW/FSK 50/500

MN7L MN7L MN7L DE IMSK IMSK K
QSA2 QSA? K
QTC1 OK ZZC K

RYYYYYYYYYYYYYYYYYYYYY
209 100 18 1525 4673 =
91892 40783 14341 65003 89459 45177 26825 26516 04048 12512
82159 29537 47349 16589 19335 36780 99226 34509 44688 51629
55880 53644 83507 16166 01181 15489 33444 69754 33986 79208
03111 25763 61835 29726 35024 61502 30544 86954 24607 35809
53478 03963 39504 99286 92075 90003 97854 66982 43196 79529 =50=
31248 75095 50245 82172 51693 26298 14150 94623 37383 16624
00769 00741 88693 61843 38296 60244 84483 38533 71350 63168
62811 47183 59707 05788 25152 24552 54435 59460 74946 87355
40255 67135 49984 46604 67853 65200 942'9 89913 65456 01261
82099 35467 75199 39041 52817 62008 39338 46394 37461 47184 =100=

CFM NIL K
ZVP K
BK BK QRV K K
R 261 1442 K
NIL SK

8167 kHz, 18-04, 1534 UTC, CW/FSK 50/500

IMSK IMSK IMSK DE MN7L MN7L K
QSA3 QRU? K
ZVP K
BK QRV K K
R 209 1538 K
QTC1 ZZC K

RYYYYYYYYYYYYYYYYYYYYY
261 100 18 1523 3677 =
18454 91391 91429 66956 01260 93015 71188 80266 69208 13080
05066 32383 63428 01841 38154 21770 03007 64665 69616 12261
18871 38256 30181 70212 81721 26519 68750 77334 35958 00658
23204 17862 77083 00164 40217 66609 65172 19432 34271 11456
09422 03044 81199 11874 17888 43559 62523 12321 67512 90967 =50=
01498 10651 93215 22543 63988 79887 79012 50528 83360 87052
58477 90500 22759 72892 99118 3630_ ____ 9 22775 94104 82900
20633 42818 79279 61149 48839 24934 45435 99249 32345 20542
73498 14890 22802 40049 98497 77446 23762 61650 57677 02800
46947 45739 22504 39373 37635 23837 62448 65150 29890 18224 =100=
-1542 =

CFM NIL K
ZVP K
BK BK QRU? K K
R 745 1542 K
NIL SK

IMSK IMSK IMSK DE MN7L MN7L K
QSA3 QRU? K
ZVP K
BK BK QRV K
R 213 1538 K
QTC1 ZZC K

CFM NIL K
SK

CFM NIL K
ZVP K
BK BK QRV K
RPT K K
R 519 1343 K
SK

8167 kHz, 21-04, 1534 UTC, CW/FSK 50/500

IMSK IMSK IMSK DE MN7L MN7L K

QSA4 QRU? K

ZVP K

BK BK QRV K

RPT K

R 215 0638 K

QTC1 ZZC K

R Y R Y R Y R Y R Y R Y R Y R Y R Y

$$529 \ 105 \ 21 \ 1535 \ 1497 = =$$
$$529\ 105\ 21\ 1535\ 1497 =$$

14860 26944 83559 38630 79102 68646 72751 74738 81393 98885

14860 51608 68682 90637 47778 40361 98474 11936 66240 25297

79444 67647 96180 25277 88211 81063 54027 38517 08938 50488

21785 73132 62880 83616 09155 21187 59614 00552 45495 22923

51088 09682 74337 54674 39971 76464 84753 66721 24184 59545 =50=

42002 12415 91173 45150 69828 92125 74566 41410 75325 28221

80493 15670 03862 26360 56935 93106 84747 68587 42899 94955

18827 80179 39341 32446 81910 71780 15034 84891 23640 02090

89535 20689 21933 78720 97228 83072 37180 99347 84575 82753

35516 89063 18553 33452 65415 18028 67550 32457 34491 93585 =100=

73667 66567 16270 28230 92466 -1541=

CFM NIL SK

7547 kHz, not heard

8167 kHz, 22-04, 1535 UTC, CW/FSK 50/500. Very weak, partly unreadable

IMSK IMSK IMSK DE MN7L MN7L K (repeated for 7 min)

unreadable

R 2 1347 K

unreadable

QTC1 ZZC K

[illegible]

109 105 22 1535 2

57612 34576 456 5 68472 51869 12345 78123 5 014 07576 12376

81238 76145 67416 13267 86347 8 6154 67814 76346 53757

642 27823 47236 90190 12763 24329 79291 28736 74735 71287

18912 34983 94 7 63884 9120 19123 52767 58759 81298 1839

2686 59819 81981 78466 75783 11292 6928 71267 84984 39121 =50=

01022 9198 57573 97239 81989 81753 85717 82921 09101 02984

91478 35678 87638 12928 218 88 2 39 28235 12091 20126

41 11 2 64 68 74539 0421 12018 93787 68574 21021 90 05

868 3 412 71781 0 08 9218 36788 47380 74198 921 01

29287 17583 57189 89189 32753 75753 57937 46384 54286 46295 =100=

42690 38829 38792 73722 37901 -15 5

CFM NIL

unreadable

QTC1 ZZC K

14496 38927 78877 56065 59545 21345 37277 03795 46345 11317 =100=

NIL SK

QTC1 ZZC K

$$-1542 =$$

SK

QTC1 ZZC K

03111 25763 61835 29726 35024 61 0 40544 86954 24607 35809

CFM NIL QRU? K
OK ZVP K
BK BK QRV K
NIL K K
R 821 1544 K
BK BK SK

IMSK IMSK IMSK DE MN7L MN7L K
QSA4 QRU? K
ZVP K
BK BK QRV K K
R 219 1538 K
QTC1 ZZC K

409 100 23 1535 4674 =
409 100 23 1535 4674 =
57101 27372 65696 02419 91103 85470 49392 19697 40092 41852
97008 47176 42795 07302 67860 74065 34124 34951 49354 44083
60937 15164 17819 57229 88512 24666 47000 00831 21923 05229
81902 35694 76242 65466 93280 43558 89702 02959 71494 63651
16946 48755 63949 05813 47499 28827 87895 53462 98718 12725 =50=
55679 34094 36442 28929 05658 21779 16286 71548 72644 47986
06749 67035 62681 73861 42094 74723 96903 98637 10439 28513
87011 07478 87835 32868 83729 90661 73954 60338 55127 42477
34052 65633 29140 90277 40096 70514 62231 17079 3)249 13965
14717 63567 30738 58487 70168 61817 07008 80177 29+19 87947 =100=
-1542 =

CFM NIL K
SK

MN7L MN7L MN7L DE IMSK IMSK K (repeated)
 QSA4 QSA? K
 BK QSA4 QSA? K
 OK SZZ K
 Nothing else heard

RYYRYRYRYRYRYRYRYRYRYRY
678 100 25 1535 8737 =
678 100 25 1535 8737 = =
35692 74822 62820 72239 64330 01010 36102 92518 50933 47517
82768 91178 62286 08354 70833 87616 55686 56761 65586 07131
05978 49696 52086 35053 17614 20927 66014 77548 21620 20483
81246 54633 15461 77659 99020 55514 54563 80555 03706 10730
93785 8.172 34875 25557 126.7 30274 12851 45718 87742 35709 =50=
15086 51863 13398 76623 34788 35487 32546 97407 75480 18811
01508 09340 37804 32186 27129 86081 10123 80870 08794 13465
17599 67594 81270 61204 65217 11173 92167 42476 08851 41499
26589 99938 70581 66110 40094 93243 66412 73969 09201 84622
13275 28793 32297 09056 92952 71936 79872 71686 21054 45678 =100=
-1602=

7547 kHz, 26-04, 1535 UTC, CW/FSK 50/500. Very weak. Partly unreadable
MN7L MN7L MN7L DE IMSK IMSK K
QSA3 QSA? K
QTC1 (unreadable)

RYYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
100 26 1511 2538 =
41652 25677 65438 43989 30299 12322 88464 68157 93256 39129
08949 87341 64020 68075 08843 47282 186__ 13447 62164 34531
03098 357_3 19452 16553 43551 20573 77998 94682 90255 68436
97964 18_67 95584 59918 33050 53918 70567 17776 59129 87995
5_202 8207_ _4813 73252 80122 12126 41500 79438 21938 00327 =50=
__01 12956 29792 77342 38101 90455 __3334 74981 52153 52086
43754 07464 90993 38767 0_7_6 __700 __278 67534 94406 9648_
__453 11250 15362 12197 70231 02761 91047 47082 00738 11258
02046 34020 12_28 18716 04897 61696 61075 62175 10754 76240
14496 38927 78877 56065 59545 21345 37277 03795 46345 11317 =100=

CFM NIL (unreadable)
R 594 1543 K
BK BK (unreadable) NIL SK

8167 kHz, 26-04, 1535 UTC, CW/FSK 50/500. Very weak. Partly unreadable
IMSK IMSK IMSK DE MN7L MN7L K
(unreadable) BK BK QRV K K
R 225 1639 K
QTC1 ZZC K
RPT K

64

CFM NIL K
SK

MN7L MN7L MN7L DE IMSK IMSK K
QSA3 QTC1 K
RPT K

CFM NIL QRU? K
OK ZVP K
BK BK unreadable
R 7__ 1544 K
NIL SK

IMSK IMSK IMSK DE MN7L MN7L K

MN7L MN7L MN7L DE IMSK IMSK K (repeated)
QSA4 QSA? K
QTC1 ZZC K

229 100 28 1513 9582 =
 91892 40783 11310 65003 89459 45177 26825 26516 04048 12512
 82159 29537 47349 16589 19335 36780 99226 34509 44688 51629
 55880 53644 83507 16166 01181 15489 33444 69754 33986 79208
 03111 25763 61835 29726 35024 61502 30544 86954 24607 35809

CFM NIL QRU? K
OK ZVP K
BK BK QRV K K
R 481 1545 K
NIL SK

Heavy radar interference. Morse part was unreadable. FSK was partly unreadable.

CFM NIL K

MN7L MN7L MN7L DE IMSK IMSK K
QSA3 QSA? K
QTC1 ZZC K

CFM NIL QRU? K
OK ZVP K
BK BK QRV K
RPT K
R 743 1453 K
NIL SK

66

QTC1 ZZC K

RYYYYYYYYYYYYYYYYYYYYYYYYYYYY

6743 105 29 1535 8644 =
6743 105 29 2535 8644 = =
17671 83247 28223 33305 04059 45617 20372 71631 72780 84952
28889 20891 01743 25177 66159 48239 28147 09060 86820 16246
20614 63068 85641 54564 62477 84454 98219 86367 01677 44583
78080 54429 12501 15016 44972 51258 71368 11678 47325 18848
59205 49524 39178 37955 49540 27568 22011 85492 20735 19451 =50=
66602 39684 13554 29579 60368 39703 46307 61756 17517 19340
13669 84753 02129 44220 73037 04261 93640 82856 06208 15390
63573 29412 66578 58299 23690 10368 67807 54052 74929 38689
13672 47234 82615 85242 62847 46604 38203 10820 19787 48344
58081 15761 02652 46381 32976 45118 99335 67739 07161 64522 =100=
31335 26519 20657 62001 75897 -1542 =

CFM NIL K

7547 kHz, 30-04, 1534 UTC, CW/FSK 50/500

MN7L MN7L MN7L DE IMSK IMSK K

QSA3 QSA? K

QTC1 ZZC K

RYYYYYYYYYYYYYYYYYYYYYYYYYYYY

233 100 30 1525 4_73 =
41652 25677 65438 43989 30299 12322 88464 68157 93256 39129
08949 87341 64020 68075 08843 47282 10225 13447 62164 34531
03098 35783 19452 16553 43551 20573 77998 94682 90255 68436
.7964 18&67 95584 59918 33050 53918 70567 17776 09129 87991
72670 84578 44813 73252 80122 12121 41500 79438 21538 00327 =50=
83791 12956 29792 77342 38101 90455 33034 74981 52153 52086
43754 07464 90993 38748 12027 49169 03278 67534 94406 96480
59453 11250 15362 12898 70231 02761 91047 47082 00738 17258
02046 34020 12228 18716 04897 61696 61075 62175 10754 76240
14496 38927 78877 56065 59545 21345 37277 03795 46345 11317 =100=

CFM NIL K

RPT BK BK QRV K

R 397 1542 K

NIL SK

8167 kHz, 30-04, 1535 UTC, CW/FSK 50/500.

Very weak. Morse was mostly unreadable

RYYYYYYYYYYYYYYYYYYYYYYYYYYYY

_39 100 30 1534 7373 =
35678 64222 89674 35171 08539 18844 05005 37072 69270 46837
04479 45666 51073 65954 12262 34941 12561 88564 897__ __484
18472 61261 28433 37315 44136 53962 48257 49620 85829 51847
43490 76239 26_-2 46107 45208 90392 54164 40680 97174 91819
13070 53518 99918 95737 01109 38784 91878 _2270 74944 23954 =50=
40319 7226_ _81_6 18324 14886 31432 79903 727_3 37317 36759
48596 81410 08127 77567 33432 57274 10935 29379 08862 81026
79317 14400 45090 60?45 50300 ?369 64002 24219 69715 08027
05881 72808 36309 2_250 47134 92930 97907 58582 82932 24714
54873 40148 20597 93857 37427 26963 12161 23241 11797 70538 =100=
96124 16326 58261 19857 14184 36454 59273 23632 12060 -1541 =

CFM NIL SK

12194/10581/8112 kHz, 06-04, 1840/1850/1900 UTC

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

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

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

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

23875 74181 52268 43864 74561 51242 73591 19914 48755 25822
 33976 06446 40300 57157 54688 10157 59504 55936 59939 80983
 75462 39684 72582 84339 45985 26139 99750 23060 96058 69312
 31878 26236 30780 67898 03529 47131 93695 00746 89484 37374
 06497 69060 34530 89603 50997 50043 40352 65751 79325 91625
 58021 53175 63291 03024 59466 15790 18839 20766 86395 32422
 66538 54909 00092 39549 14051 45104 80534 20630 71505 81226
 48261 09190 35719 68234 07433 97883 04205 39957 33520 70680
 04901 51495 54060 00402 52564 04929 95917 78761 67756 87996
 97481 71124 19366 30472 09250 13154 76605 07887 31222 91544
 81417 47314 60552 76021 77229 14883 47886 94799 54989 89727
 85838 70684 02429 54040 78023 60004 67487 53932 62097 61572
 71826 10777 85244 87836 35389 87736 55532 15444 97922 41145
 17593 57373 48418 11445 26053 23844 98397 33360 15157 64179
 59978 69998 88019 06814 14671 00566 73941 39637 83829 16379
 27233 97852 36702 04867 65980 51541 97017 26252 74180 10129
 34046 12593 15707 85926 49059 43872 33521 83943 93158 80830
 32572 10158 77364 59224 69835 15435 60951 75191 99907 17266
 28922 16427 49613 66545 94596 18837 20047 51532 88224 53379
 39498 56230 17580 72753 15690 15326 11453 72658 60775 32918
 82005 47273 87521 57188 66901 43671 00122 28224 37156 44847
 28079 41170 81659 36046 76588 91905 04287 34074 91866 97417
 94543 84290 64852 08080 57691 54965 21728 54007 15274 83681
 74699 92680 11999 55477 31458 50033 89902 17419 86776 72171
 15733 59277 44672 29941 72498 15020 44573 43502 51113 64772
 89923 19116 03073 41972 02672 15325 40111 75378 52072 80717
 91760 20630 31238 30456 56758 61047 79896 53767 09249 82359
 76759 69578 45694 51038 49968 72481 83457 50942 79042 36214
 46976 57942 86763 66858 02471 57223 44450 22924 27132 32954
 39032 44517 23712 85004 75397 58778 16467 52398 12415 53780
 89378 48198 56095 38062 52613 35498 58311 28008 48118 99222
 94534 30235 30341 93405 18996 11191 82960 68653 20739 71148
 57608 09469 28984 64779 45493 36119 41249 35499 17870 50757
 72653 55771 96298 32451 49867 90547 38626 10839 98106 26050
 51625 73079 94651 31070 66234 83796 87291 42969 36325 22687
 01157 95579 46958 69508 82365 31187 43028 91101 51923 63779
 14275 10166 68314 85754 97571 60448 22225 35275 82431 58052
 11823 66449 30685 43547 72057 89537 46245 74561 56384 73363
 55914 73559 94381 27116 87160 60473 73673 03740 53804 24890
 19616 92091 85554 17478 71163 90055 62328 65332 76377 75796
 39291 40947 55990 19358 73565 39469 08477 01768 88525 43960
 55071 33856 36636 83319 48156 33415 00000 +++++ +++++ +++++

10177/8076/6974 kHz, 05-04, 1015/1025/1035 UTC

56185 63928 68734 98617 79401 75510 18894 84400 51878 98973
 57909 69525 35465 45297 24348 40170 02724 60663 40985 44564
 41559 93366 68120 53313 25579 89341 99952 35049 61102 70990
 77469 14606 46779 78995 16270 05894 06737 81814 72771 36680
 83196 82529 97231 07440 99511 77757 47019 51484 29538 48288
 58587 88545 34307 86158 01560 88997 51905 87831 63404 90923
 51521 68178 38088 37187 87594 74954 17191 24725 14993 08443
 06889 83220 51159 75966 19258 25374 96183 35947 11329 35928

46705 11209 70338 91658 64610 76198 68601 29510 86451 47831
36457 05060 84521 34620 26715 08502 15534 23815 69043 30343
17828 11196 37736 34103 00000 00000 00000 00000 00000 00000

62347 30127 99621 67278 67548 09126 94631 17702 72984 85219
31299 40142 71239 59396 79876 87406 09038 53730 67988 58918
65020 44011 62556 04108 35429 31938 49481 14565 63643 36535
09518 97158 74503 09511 13772 45288 99347 04216 87273 50482
02719 52907 14045 21501 46662 32006 82115 03160 53566 20021
91916 12037 53463 77840 76485 31267 26756 06080 06932 31608
78277 59156 81590 10958 03646 20798 22304 69519 33836 70665
26272 35071 00000 +++++ +++++ +++++

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

26925 38921 49146 72818 85460 02917 00610 62066 63931 19212
15762 76041 73977 15910 59612 37214 90135 51602 29674 30983
03539 77636 36089 50032 62442 34481 52162 90733 72995 49342
71233 81288 58709 27255 30846 46304 02053 52802 90129 37465
16615 44682 71353 85026 23267 30281 01562 49779 28774 32461
15259 80199 30281 85742 04063 04460 94109 24064 24261 11989
82322 07314 98225 04272 25464 78822 70607 19576 64942 70992
05254 61287 13470 01267 33783 84553 07010 25612 91766 20909
46665 41709 03433 45578 53949 59046 00855 17145 87863 78079
88543 44265 97240 45677 89385 59130 06769 79011 32873 02340
60153 75101 71553 48903 68840 48182 36634 30032 39744 62094
68692 30426 80417 49890 84416 65730 05098 37818 65321 69861
90077 15901 79372 46876 51818 22282 71458 67090 46261 33524
83646 12112 12770 78057 91166 98492 11132 14956 65049 34682
25073 45236 97364 90964 30701 47861 49995 87079 53344 57641
12881 27197 61189 27212 82675 36947 69188 40289 97752 82193
51645 68371 90492 74221 86939 88098 42791 91049 82813 01430
55736 69534 55658 25853 69374 47971 62251 46792 93515 63861
07367 49413 35511 36552 75697 72012 35938 89418 61545 48173
48140 91293 94685 29881 22540 21812 85874 08778 81687 90380
40414 77758 96962 63437 13227 00077 02872 79705 03865 78164
09888 58124 14907 39341 01756 28139 22165 80610 28212 37041
30147 39722 29052 14055 11210 84689 50480 95837 51846 38960
39682 43104 54528 84407 28562 03046 68566 09350 42573 97238
48398 93772 95583 39729 62769 48947 56719 14982 03215 53630
00110 70378 65312 54033 73485 02956 01109 19749 46565 45064
66191 72822 25158 78651 09812 32155 41926 32831 81528 40427
59753 44455 52775 65723 48638 86348 76820 95063 22070 92918
35536 62005 43805 37808 46425 75518 40998 43286 28335 42321
84613 26073 49306 99854 23066 09266 04983 02094 80012 55076
01028 25376 52252 98051 37979 86436 68648 83469 21990 89836
96037 40600 49877 46983 03038 45518 41929 33902 17710 53151
20903 79982 40001 03256 60653 04859 94915 30004 52821 45627
37341 29877 65038 41579 44472 67537 89055 68643 56774 24389
02269 40726 53414 19487 91049 20125 73107 57510 09331 04221
16304 83464 70890 80621 89669 48815 98753 67950 78782 18734
80171 84470 59992 75139 00600 11727 87377 95234 55114 45389
15737 10219 60712 50501 45555 73855 17929 63303 00877 95597
95202 06825 76026 17954 34438 12438 12123 42771 01194 64555
89302 36137 27939 10654 45611 66584 23814 03826 58495 56278
49326 70030 49822 49882 79436 17247 00378 30792 03452 28702
84770 39409 35174 07374 62686 73161 31747 63946 87426 72951
44621 36421 00000 +++++ +++++ +++++

10177/8076/6974 kHz, 07-04, 1015/1025/1035 UTC

62249 83873 17363 90194 98973 79488 57647 13893 84992 27974
95834 02677 13378 68296 69805 36166 08275 26433 10683 51197
35003 09623 32862 85744 88381 91738 79614 00661 70212 44459
97683 46447 91860 93925 39338 67224 62873 07580 15287 59102

51571 40857 46928 25131 28542 98438 91334 94015 28995 89738
37446 94797 94888 83314 96876 04674 82786 89897 37802 12151
48377 28714 35340 62713 43579 56806 36878 79210 87198 66018
65775 74124 95039 37073 00000 00000 00000 00000 00000 00000

28308 82677 71929 80719 39896 49717 82619 61530 30252 80581
70133 54043 12350 12856 61056 59416 08164 12356 39116 44615
69104 94012 43402 02225 18805 54584 25654 05664 72966 90620
33826 95749 15939 00114 14105 59558 38727 91282 48582 87487
68109 46925 70741 19499 41559 17764 25982 16446 07657 43250
69337 17441 56667 23230 17597 69196 10996 88937 98003 38274
30182 46741 60723 42180 10140 93071 47274 60253 81315 23995
32092 10264 35469 87836 79441 01683 35751 54318 82829 01542
89762 98635 79143 73835 90299 38085 00000 +++++

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

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

10177/8076/6974 kHz, 11-04, 1015/1025/1035 UTC

58131 24644 97109 63857 69234 27004 58660 97992 60013 22312
46858 20229 92155 61560 04438 58072 47409 49556 10777 60149
02574 13638 94247 01694 75690 28355 24347 88959 66851 13288
69555 92247 42082 46198 31848 62230 33728 58706 93807 09268
55777 06668 39280 50402 57567 32448 33484 53705 64305 61278
73551 34691 77844 98882 45401 84452 36149 22561 47904 34235
54891 82912 70270 86115 99611 58400 33593 64488 61887 29925
32498 68036 37935 67617 37817 26877 33101 47011 46245 94571
40663 36811 87898 29690 68385 25421 27728 46608 11267 78437
21712 40234 93916 44279 13775 14345 31001 50153 84365 68227
79186 55541 86631 21308 79031 55393 31130 80451 10249 50209
05013 79631 08795 25214 36617 46646 19204 05789 41409 76575
80619 81373 10211 16662 69949 15002 25644 92304 50593 80673
17746 28855 00167 95747 94672 48904 15676 40540 09441 49737
19564 82313 48642 90660 15074 45859 54070 44875 64370 97835
13192 95583 87849 37070 79403 81036 08076 08009 08013 18175
86793 79491 18879 59590 28427 56050 21649 63458 48541 13914
64533 81157 30664 78907 92550 92247 19938 88433 26184 41501
27016 04723 96383 57672 40657 71539 96857 58686 72444 31539
39581 72951 82070 46446 24470 31468 56632 87265 59149 10419
42359 86684 89755 28947 52227 70886 28719 31790 97885 12934
90445 11465 19337 74923 70855 49694 10810 31107 31701 82753
66264 89144 75610 20440 92955 51693 22790 73331 66507 85524
25325 68043 25927 90334 80016 55155 31997 84459 25689 39502
37480 49669 35905 87517 42589 02227 43039 91314 34134 82412
54623 94193 31809 79690 47922 07258 90040 35698 53668 71839
28842 92270 64891 47405 92104 76658 31789 29643 56775 41148
28565 28409 41346 99262 03176 60223 87092 25729 45932 35013
10520 12406 37880 41772 50414 97353 64905 62836 57983 09240
08500 71461 03487 94257 49125 92387 97811 17762 43108 30084
52431 57784 59016 94346 26169 32650 84432 77957 32231 29844
39091 66079 03920 28350 55285 82070 42477 31625 11507 99419
95499 53409 30241 74480 39354 23556 75864 79688 64033 06065
13570 41963 83891 46516 15271 15965 22700 91077 23414 46910
46448 44295 08638 02616 42349 57820 82218 79479 67458 67305
49238 12065 15372 19611 13412 40992 74422 57544 69513 18816
75815 54300 44335 58578 55150 14800 72122 54728 75749 86107
15420 31082 87251 44118 67254 95539 17886 48706 95620 06205
23882 84510 16174 78639 44444 29561 04093 88903 35729 18915
81034 52091 82267 95510 38124 81041 09260 65407 80926 54909
44194 99609 07312 52288 01212 49663 54186 28577 86670 69207
73994 42262 49332 58667 26950 59824 23620 75287 99928 93934
39375 39421 00000 +++++ +++++ +++++

10177/8076/6974 kHz, 12-04, 1015/1025/1035 UTC

90431 72327 69244 82160 69084 43868 85824 96851 88502 05821
95179 18040 48827 90985 96827 95926 39132 10046 45724 87978
35201 59179 84065 86703 82161 51989 94680 55334 16672 49180
43184 07371 08345 84435 01091 90892 25097 09917 67075 63605
52116 09833 28564 69545 19121 55512 30841 53374 15617 00414
45870 73223 98823 38522 58002 97991 23968 74554 08772 00074
51623 79426 67959 79420 11795 29402 23111 79891 29420 52378
04704 83830 40997 29734 89143 95796 56996 27185 46779 51400
49776 40081 00000 00000 00000 00000 00000 00000 00000 00000

90583 12828 90397 05897 26291 90792 91337 36017 53099 51478
56002 05656 33558 18538 32221 76797 66736 07996 78503 08948
59993 80848 95812 61784 61008 96947 65696 29550 48493 62325
55704 11873 05038 87177 78017 50699 20524 96671 12253 88026
99541 61772 28350 24123 71242 42282 70508 80927 25080 59266
88082 00309 20858 39072 24396 31875 46542 96105 99405 90027
22253 46572 47142 84931 73894 70359 93877 57109 24848 63255
87955 70324 79168 46679 17217 41075 00000 +++++

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

42623 02513 87274 87675 47784 39428 81235 73449 01692 60248
72093 13395 88979 30876 78116 17581 28617 64302 29947 42717
96610 77844 75579 10778 87866 46197 64336 22643 53141 29961
08284 58944 72039 84357 44539 85311 47975 77799 46878 04195
36047 75014 60107 20460 39761 64408 55622 12941 37539 34350
31600 29136 24946 28079 06251 45231 83585 31899 77582 58657
12583 76373 48095 05333 83608 55191 37867 18823 05380 91395
34446 73566 08558 05660 53003 79377 87009 66313 05172 19399
56342 25780 00022 48714 15665 73136 25589 95772 23510 57472
84425 33846 23857 61734 81574 14692 83178 31751 88435 81606
24477 90115 30937 04064 69213 89622 75475 01121 23097 85945
11031 45780 66656 34232 50922 67505 36526 39323 02625 95053
08409 14263 79092 06840 17615 26804 50019 81004 78158 38585
56486 62371 86309 66673 37415 88496 19562 22155 41282 41976
66955 05470 21526 21223 51670 63162 39075 46873 31856 35757
20451 46042 90612 51427 44869 81582 51073 45152 58788 18565
77521 08054 41325 45138 48482 96592 69003 89985 12719 56320
53243 03545 64081 39864 49047 95177 96139 23837 58315 43496
22540 54371 76223 22017 74015 75937 54109 07330 08006 23165
77301 61979 91801 80330 81316 09239 45163 38212 54889 41968
53357 02996 03241 32737 86531 36919 70048 37407 86379 35337
41541 09363 06026 69907 81160 66568 14075 52575 68225 78647
98754 00038 39043 66167 33095 03401 53892 29322 87081 32680
38323 48191 97716 30869 72219 21776 32928 77237 25044 37987
10268 24553 60713 91775 56325 39923 60543 93601 17809 03936
37694 35418 60219 47781 41561 06362 15063 33063 75541 75343
61531 03960 76615 82713 53596 66443 30187 08200 28454 74235
18611 07307 57245 26190 26854 33350 24012 04787 53714 87332
43799 10426 02053 62832 55866 71216 46463 78106 52927 32929
01820 12577 32365 58826 41142 89908 80359 94030 36212 74857
24853 74140 19391 760/5 18317 82765 90049 72012 36223 87678
14080 02289 02191 10268 89903 91397 75720 07977 79421 97258
63471 74421 27344 01604 40002 86866 17339 84461 88930 55759
38429 49910 00436 55993 60085 95277 86046 44608 39447 41003
96656 94592 09109 63313 54689 99491 18910 96931 36373 28510
30168 99986 65044 36776 85792 98320 01422 60481 04707 51370
41798 51566 74031 06832 60070 31647 37460 36269 54564 69861
03258 68873 85573 14335 20330 65558 14564 31946 95796 00563
80974 36076 52501 42774 77554 07041 49908 53936 10167 34882
16806 45944 53012 39205 69276 64409 35192 45767 12342 90675
19560 24479 48753 79489 59797 18525 43339 74491 46646 19286
16354 68736 79240 66745 64279 02415 22475 80077 31494 14972

36342 48093 81262 93806 88186 34239 39483 86741 83795 75832
09621 70450 78287 82228 82270 92027 52715 61593 87790 25891
67330 42441 00000 +++++

10177/8076/6974 kHz, 14-04, 1015/1025/1035 UTC

21677 43249 78498 32533 20877 24572 33522 58601 50402 90278
63297 67876 69770 07069 21898 08636 84900 02170 08615 68125
60997 21505 27566 14373 50381 62582 20845 05677 58686 99261
61145 97465 97889 40611 14786 01199 99578 91037 11094 75010
86924 03865 79067 50781 28771 45561 37263 27316 24304 12804
47838 84332 91708 69550 70700 96928 59285 96330 78685 55230
82427 68922 19708 18906 34930 08620 36824 61219 48043 71257
82142 82339 95721 67207 85518 96557 49499 29506 63972 23131
51434 72325 82767 35418 78553 06955 04084 48010 97245 07491
84231 46533 31024 43093 00000 00000 00000 00000 00000 00000

39541 73413 66228 94180 11380 99708 53813 15681 51892 43008
52437 11515 05064 81136 15643 46530 55858 17491 28371 60163
50055 99011 90528 52998 70830 17833 19010 65623 76768 20063
85354 35705 30975 70140 31252 44220 76002 44179 29054 86785
34258 50770 79497 31032 38587 02651 63824 45936 22720 87696
92480 14075 26277 12664 17586 62722 93998 18127 01361 74729
73909 88040 57695 65134 44099 02373 09056 44067 00000 +++++
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10177/8076/6974 kHz, 15-04, 1015/1025/1035 UTC

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

10177/8076/6974 kHz, 18-04, 1015/1025/1035 UTC

28317 03204 72140 95515 61733 43948 57742 00804 13905 30244
00308 88468 23608 21478 99270 43266 27480 40173 38916 19888
40365 42450 84386 41785 43168 26074 65692 39932 70424 37039
54383 54970 14762 60628 62594 51161 90444 07882 19137 15608
23186 33415 02332 41150 58417 45517 34260 16403 05205 94473
66141 71354 57997 50055 09496 51970 63386 04098 92809 22234
24090 59117 48367 17077 57310 88900 58948 94613 49691 82006
19079 61136 76030 04112 90514 67302 73965 40143 56658 98947
91785 02135 05585 10964 51591 13743 96363 77688 94960 07356
88380 58226 03337 94745 38324 00159 10296 97188 94541 30059
47905 45995 43443 04272 94350 89389 87646 18381 15016 66672
60545 98797 14212 35607 06990 24932 39738 63968 84773 55352
07458 21186 66601 56393 38084 31021 47239 56643 23364 71222
85523 75746 63837 31088 35921 00960 45370 62872 49332 09898
46643 87983 47813 62914 94786 43901 02913 13542 11344 82752
72319 10439 15758 57490 74480 89280 78563 56602 05911 78022
41473 73294 30856 63988 46545 20084 98013 96205 41625 24741
63986 21432 54236 68517 28165 77320 51123 52590 08723 91135
25623 03676 14411 57487 80055 54735 91840 93497 95320 61713
52949 94851 04895 42259 12314 41160 15403 47345 89033 24080
40965 01743 52836 96624 43496 74276 19121 67101 96150 63810
22601 86118 12106 11883 24267 00097 05854 77944 31316 69715
79210 38138 34778 76746 49212 93535 94484 67697 60095 98798
26108 07716 46552 47184 69923 43177 40434 72828 46007 96404
38107 56261 25540 40960 70631 44079 72919 30932 43972 18711
38353 82668 41404 79223 05633 32386 05321 19102 24769 18101
40619 11931 84176 59307 06860 40936 02101 32854 91378 33300
41968 68440 80545 85203 81347 12191 71356 88534 89215 31720
90540 95182 91211 61152 13383 79879 27563 09512 99429 87500
33378 80931 87285 75792 95989 80112 15675 89432 69033 01485
62965 26382 47957 25483 22330 82461 36640 70402 54744 85080
59812 73247 87002 52077 00963 98026 46942 36577 70428 94929
53060 43838 33338 58814 00716 30997 52111 60450 12097 25669
23199 48958 42147 24330 12742 48867 57639 56420 20851 00253

31576 25112 29179 15366 20112 60670 11491 50212 14187 47353
11903 14505 83045 09781 20485 68436 51846 69718 00919 79703
80536 09203 49889 39227 36185 00958 92902 58990 75961 92029
46222 00459 82941 51583 99598 06990 21938 18800 99493 38693
07538 11803 37472 33166 01531 83559 73470 40546 81922 35695
48601 06317 50718 26155 67205 00307 72656 31644 52830 15314
62100 50800 07811 83801 60245 59015 31168 86094 69860 50870
74478 48516 39726 31087 40434 54907 15976 39965 53755 19958
02508 24228 59158 97798 97678 89208 26065 24275 99449 93331
64729 16360 96169 70805 83485 77125 85203 45437 00000 +++++
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10177/8076/6974 kHz, 19-04, 1015/1025/1035 UTC

47015 86151 10675 39728 53340 68899 38130 36106 83365 22891
43321 17835 68831 24088 67370 72049 28011 51815 21719 05052
12893 43440 55282 46844 75608 45243 02565 60447 58784 82919
29916 41947 39501 00152 22126 22194 81559 38678 76529 06107
75735 58305 96827 10504 72704 20303 03798 86417 38338 82611
05089 36806 86042 80306 91279 65625 65841 89748 50406 19176
14881 99870 18122 05681 99051 39025 05695 04016 00407 30837
73024 97543 30075 77500 38867 93981 71341 93949 45450 17239
82594 41351 19676 82168 14830 33347 98086 88162 23386 13489
07795 92535 78600 27305 20554 49631 05097 37427 22159 26587
04354 55228 64370 46103 00000 00000 00000 00000 00000 00000

04297 99184 10136 14372 42530 41210 63916 48311 71310 49946
78924 15827 50464 49589 76503 00466 56886 95402 61864 47691
89940 19422 46321 44806 14826 66084 19230 49414 48638 41253
86829 52353 18784 23046 20160 86038 48447 07928 79247 14153
48796 90484 05752 63626 22616 00335 01258 84831 09049 44602
33391 50944 24148 29396 36969 32400 76902 58728 02340 07388
65454 34314 68130 94309 83166 04685 60571 17163 89250 37059
46589 47071 00000 +++++ +++++ +++++

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

39172 66917 21793 43761 50647 90846 48339 81574 18163 85800
35674 09505 56182 78174 61169 16336 93263 08974 95936 63072
36651 00528 57167 38377 18217 29948 94159 82470 82687 14007
31478 96668 04093 35135 17679 80751 41376 63217 53034 65359
69099 52874 94706 31590 44185 20922 62794 34988 94632 33700
95696 76125 41141 58937 28236 84939 87582 61870 90963 11043
41260 50280 54102 37160 48889 98140 64548 57913 59233 02572
49385 91115 48346 53781 84333 13778 68345 22679 50578 40005
05656 95857 28417 82981 59665 12619 01161 68218 77732 83748
67722 90263 07470 96704 87341 30051 52259 36926 04869 75088
40923 79941 30056 09661 47492 33969 69289 67237 22010 37681
33202 62282 18313 42846 68597 43638 29713 36514 88134 36686
68536 82435 96199 66457 50442 86421 34409 78891 69464 15297
95172 02430 74715 24174 76772 17124 84688 71696 78370 23451
00089 27977 58405 28028 01147 04880 04798 88406 40334 63372
90414 84130 66428 77597 12224 06264 40870 60385 37576 82547
32328 79873 06053 80404 00443 21924 60322 54948 04650 78035
04436 34212 99053 63426 12994 58764 99262 94982 39645 17907
32141 83758 98322 49650 04405 21711 15685 96632 51006 67364
78177 35197 49238 60086 22163 19791 09498 17665 40558 09891
78654 96870 04406 71629 16940 21704 22834 71323 34328 08992
89824 03077 97308 46048 91239 17657 42022 00067 70535 44828
54666 63936 76612 26328 05141 68179 42224 01681 44838 13677
66392 14018 04540 04899 99264 28121 53344 88294 52854 77852
04572 25557 86086 85161 79576 56431 37610 17874 65401 30768
04791 78424 27230 14496 92341 40744 61549 99207 79015 77476
00983 70056 75801 44709 06709 11629 74060 16420 09426 56497
07048 85809 84788 06141 73243 75723 74242 78909 94941 25339

87225 64731 10528 45311 45636 91244 23887 58559 56537 31041
59381 68896 24013 04711 95823 24660 36125 59382 77899 69569
87908 27422 28467 97964 26331 95017 10169 56633 28171 35296
09805 60400 46741 85683 43887 13688 88389 74201 08835 55201
04740 24359 24226 67967 11572 93360 42560 21874 70316 23293
23954 40927 93074 09994 99229 12403 57118 19277 69800 80076
39788 05217 17831 88720 09755 10166 25071 72068 35556 51196
23832 01410 97355 22658 28519 37032 12867 69538 21174 49668
13371 11310 89459 04162 30774 20947 40514 22520 81628 88816
39137 68551 59079 26113 43715 21274 68638 87531 38345 29278
68764 17870 84589 63237 02148 52241 41290 08744 28667 24590
25893 66675 95941 64190 15710 53256 08414 84829 12563 17023
80906 96348 19242 14867 87596 93233 01215 14346 42325 99944
32038 14456 71204 77677 45881 02048 63437 48417 00000 +++++

10177/8076/6974 kHz, 21-04, 1015/1025/1035 UTC

49701 68000 99147 88912 11706 39675 95380 07302 29519 56814
15091 44202 47076 16416 04876 15582 34130 91821 29367 09229
27745 33955 46180 03230 43423 20702 21578 88056 04304 96627
97800 46956 61851 70214 47991 74330 06503 60800 79656 36785
91677 12417 72597 06551 19617 16708 62257 21948 62465 12118
04410 54595 17059 51539 82135 88037 16822 55596 41023 37494
49252 93773 63526 65401 52389 60554 18419 72451 88743 38768
46293 68795 20087 67335 67016 55122 31574 55590 20112 68277
78605 11378 73978 71130 54893 75105 64899 91357 05147 76934
51770 38846 30828 59314 97491 56397 62415 32025 12957 83410
96598 49101 00000 00000 00000 00000 00000 00000 00000 00000

44838 37453 55822 72217 42285 84869 42940 03590 06086 78706
86973 01414 00577 63470 99589 44700 99205 73372 61682 62122
41317 59984 80404 10895 95274 51632 04877 49102 88879 49213
24038 18677 93008 88129 95054 81212 69403 21025 75738 73787
18574 00999 59403 77003 88720 70009 35597 12416 31639 82131
25163 11548 16535 16370 63036 23667 37678 58707 27248 54531
76854 58078 37551 53265 06528 50065 00000 +++++ +++++ +++++

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

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

10177/8076/6974 kHz, 25-04, 1015/1025/1035 UTC

13677 43975 63342 75649 20035 08666 72668 58583 50890 17222
53550 86975 80244 38360 18088 38977 62108 33419 04409 37329
45707 01138 44264 06094 52890 33455 85800 03266 34938 68288
01196 77700 50948 50219 33846 23796 34990 35032 64791 32364
44226 99028 03060 61133 05163 39076 29641 73314 00244 74307
49742 17679 61962 85419 33045 48563 66675 52516 46631 09271
45316 77407 10278 27271 53189 01334 28799 94671 66031 54033
81122 32364 94533 95086 70801 61312 34506 33499 67634 29400
94871 36426 95079 67284 70688 63014 43171 71689 53368 84259
11600 39582 95293 74854 12664 01660 71023 87931 88762 28595
02257 48665 24140 08472 38763 27650 55542 18848 12451 80013
11497 41888 06771 61171 34890 95996 08642 55197 68527 82392
35075 76721 08382 70067 51704 32298 54190 67553 25385 52187
12116 54949 78079 28485 29135 74640 34178 20535 63861 04140
78487 13569 23475 59499 67032 41497 21457 02730 57888 09809
35811 51657 54216 79498 72460 15655 76692 97967 63507 05701
07523 87838 55046 92180 73221 29614 64209 08887 58354 99119
10150 26646 67418 45676 48622 45011 77060 21924 64876 75459
45810 01251 04532 14529 73523 43750 47136 30337 27719 96656
52078 10915 78995 40187 31555 47794 12721 14735 30280 53286
09179 90343 16615 34891 09358 64409 14809 75270 08571 98533
33054 91224 45099 30488 67010 70116 76041 22199 83518 07167
57553 29718 14177 92068 71675 06094 13457 18361 66926 73093

61074 13981 04854 22713 13271 16461 29733 34404 32716 41180
03593 18969 51712 16126 73761 25046 48380 81592 65127 69129
40531 78261 14280 75071 26890 72101 87748 33985 30379 89512
51499 20498 23133 61171 83891 26291 37949 98001 49284 96859
95836 47710 74467 82438 04382 05327 95114 39014 06590 76189
64449 40388 84910 14802 41294 87195 50119 88011 99712 23849
69758 35944 27415 99318 15809 29124 05119 32707 36291 45225
84063 69537 80477 13890 03848 39709 32410 03054 17789 53045
32398 45205 17990 93384 91203 27027 77304 97132 26576 90860
50377 27234 76848 21414 00958 78489 71267 16166 47672 75153
61751 62903 45436 94872 40078 99416 33606 71638 20307 96544
68980 46303 28184 36716 13910 87092 41773 64242 56332 12489
81785 45773 52865 47255 54712 98740 23729 53505 54487 84688
11004 88381 75597 94872 40078 99416 33606 71638 20307 96544
68980 46303 28184 36716 13910 91987 65218 82045 26790 14815
07711 17431 24085 31937 90610 38587 64225 09807 92639 46424
63257 61143 14876 08708 46908 24031 69979 74952 68768 71579
24255 55461 49277 25589 59728 00472 15194 72659 48432 40341
44242 06174 56086 72688 44624 51415 00000 +++++ +++++ +++++

10177/8076/6974 kHz, 26-04, 1015/1025/1035 UTC

87342 09784 06216 66382 66523 35300 02078 88156 93091 83463
53769 72377 99959 31302 83816 93572 44228 61571 67196 07656
85603 48558 29131 84649 68812 63912 42977 41912 08456 94679
89165 82536 99748 90738 61091 68603 03569 83803 28938 84001
79269 45216 97326 66470 63669 74676 17769 13578 19686 37132
41830 92309 03023 89991 25961 06959 20372 67858 23918 05002
77550 16975 27730 25654 41014 96558 43127 20782 61197 89221
10384 02879 31096 87654 06517 99761 78549 49778 89751 20710
15648 39530 72230 63705 93702 95485 31864 18481 37233 94500
99294 45053 55376 02559 80882 52095 00000 00000 00000 00000

06908 00470 49295 06716 26419 43641 26733 69284 53570 37960
26173 81016 61351 04781 11495 21826 26939 93065 17819 93859
68764 08409 15373 34556 80528 26918 97664 51277 73148 48656
67418 44721 60536 70309 18692 13285 50172 81793 38632 55567
24396 16464 77293 13220 23361 09630 58956 21297 65583 45061
33395 58329 67028 94160 90516 13282 44668 77511 86820 11601
15454 03466 57114 67523 26624 63478 09912 54852 78314 88860
29971 13366 24377 98652 36391 33068 62364 93291 69716 83454
48613 73773 06482 79983 99361 53085 00000 +++++ +++++

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

33695 67783 74921 16107 84500 38724 95747 58573 27077 95700
65473 53175 38831 92619 62970 16018 84049 44733 08622 44608
03174 93774 83731 83621 85377 89595 32445 03266 04133 86734
38374 51176 20449 79377 93129 63790 83479 23129 98919 48127
83174 17033 72429 69915 34676 44293 42155 09006 99136 95117
56378 68013 70650 20132 43975 45106 83986 87789 95247 06907
22814 44237 54958 22416 33094 99043 44760 43920 71342 85257
57210 45797 42444 67208 88549 57183 06696 94511 02446 49413
60788 25687 41873 64189 22391 69859 31328 93410 73041 19949
36569 46597 39025 75815 74052 66850 14929 80772 87271 81286
59553 19921 32180 96881 18886 53736 38871 77661 55805 85353
41729 64178 91208 84964 95219 21210 86264 19802 17508 24616
20449 63113 29102 23301 45089 80579 78699 37199 17064 17619
73435 77244 42385 35993 55701 98243 84314 73186 93741 20597
15732 22958 78206 81807 20416 60533 41846 03711 72951 60864
44543 86366 51930 83381 90850 64544 66138 21700 72259 87748
98423 41698 51335 09713 96926 56413 29960 98309 68356 11190
68823 01797 53016 77527 50390 32364 86237 79043 02493 52891
75946 98015 24774 77868 51018 35919 85134 24418 60121 26411
78398 74345 25743 24191 64366 33171 83076 18178 27452 97065

58451 42442 25092 63631 67011 83328 17106 47478 34317 06205
93210 86512 71555 50286 40855 49892 59056 64951 20583 83572
17796 86008 41101 54399 73571 75338 51237 78661 43548 72351
90988 46063 99848 30701 68831 75034 89883 38687 57493 60340
18109 46790 25365 98898 18896 50769 45753 04767 75204 03767
51140 49223 62734 55851 24660 86882 24268 44445 45969 53789
03867 84057 33693 48414 95613 28786 51643 31502 86609 05995
71001 05704 98879 44634 05634 60935 59901 46620 62746 96388
56431 74715 76059 55146 51321 55362 13684 32330 68008 19877
77896 42722 72368 32484 38998 58795 06623 78578 70437 55090
54981 11703 77393 19885 45709 82636 36005 20071 19313 99057
85426 30213 17520 89213 39910 61681 72752 68022 13090 52838
02776 29064 71663 06190 40204 10879 60653 83442 51565 11025
67439 94422 25601 46328 16747 40761 35490 82756 13783 00318
04688 83362 77696 63259 31066 47735 32572 55730 49039 41381
48111 12068 34370 38498 47230 81483 81335 26555 22718 80157
06942 46131 30185 24680 61884 64447 49448 07774 52926 06017
31580 02249 06395 88878 73773 04109 27476 39819 89237 50757
35001 87045 64292 75239 76402 53732 19866 82460 52538 00887
19565 58303 07067 92968 91522 47608 60058 84699 56199 61926
90534 52503 77325 03000 97614 19011 78186 12906 94971 44067
90413 86789 18274 80687 27491 09140 50295 19384 00156 99536
93398 69310 15879 78803 44066 49668 29615 91516 49166 89789
38012 54431 00000 +++++ +++++

10177/8076/6974 kHz, 28-04, 1015/1025/1035 UTC

34959 02354 25495 64841 68744 94062 24418 93672 45611 50074
03371 85547 03723 00234 81770 63503 63024 43075 21303 56054
41548 21081 70979 66252 19471 34717 06056 09986 49359 87420
21717 28209 36049 78733 67503 02774 34586 87766 33386 30576
39674 14190 23439 35680 65063 68916 78054 24120 36319 31696
30624 11072 45402 17783 09632 75065 40509 20869 22098 18944
49601 24486 79299 42245 61061 99039 50727 54694 09920 26685
57188 85501 43080 21216 39016 68144 61991 35165 60312 05331
66195 71294 35159 43816 46192 40673 86745 13783 99058 34521
75342 55091 00000 00000 00000 00000 00000 00000 00000 00000

64303 50765 50896 83056 88435 98394 89425 05262 85430 04129
76483 05438 75484 24003 42511 62129 58034 63761 34085 72460
14872 88209 29394 73250 34460 36507 83497 11049 80868 60618
89298 90786 55780 29091 65191 57728 27002 63350 05297 92414
21911 98709 53235 23274 09293 87261 85372 86606 17979 84866
14478 88608 65753 89398 49723 49148 96939 22456 73976 31951
52124 71712 24312 90914 18444 36100 86678 87213 33872 41017
40676 56895 43955 15734 15350 33653 34424 56077 00000 +++++

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

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

F06 – FSK 200/1000

18048 kHz, 20-04, 2020 UTC Russian diplo/intel via Havana
18048 kHz, 20-04, 2230 UTC Russian diplo/intel via Havana

Link 00000

10687/7992/5913 kHz, 09-04, 1400/1410/1420 UTC

12167/9937/7526 kHz, 10-04, 1030/1040/1050 UTC

11100 00000 32785 08047 02139
82657 49392 94984 16648 89004 73667 49668 09629 16856 53323
78361 47259 86285 59113 61764 42689 86270 27019 10224 74868
22662 16832 50415 90731 72888 04439 80494 49680 52087 31226
10882 96273 20350 59054 32888 72099 85768 04237 82353 02718

82968 48959 90495 20663 31820 53579 39155 10404 06008 18241
62617 86218 66158 67241 63211 38919 37201 54595 32856 12355
34654 14221 97758 95648 69528 03197 28444 42080 86527 11521
82301 50580 15240 36811 70837 70751 39000 47389 68827 17363
11126 82169 07546 05257 73189 60814 19266 40605 55042 02577
25221 29444 61257 77265 84201 89436 73686 36786 43993 75797
24815 00682 62830 57307 21615 94113 93056 03372 24563 61721
44178 68045 11525 05803 67504 81970 81193 22246 29553 88160
75766 32648 66415 82573 27541 36070 36263 45400 59129 28855
12190 74019 91975 65947 82572 53550 42855 62161 51135 25934
13056 56817 53916 43495 99916 90204 35304 17910 85424 65292
50359 00520 81539 93136 85576 54935 36958 45408 15307 07862
34977 62494 35999 89078 37167 90605 45468 96522 52530 46314
59368 47409 36839 31981 82061 01317 51827 50497 74068 66186
38944 92774 83283 23176 87338 96433 32157 31283 00777 99114
78012 97709 93159 34863 88700 24868 67359 47007 00774 70002
57026 15993 52361 78333 36087 25580 07949 75676 25593 15870
17231 47211 00000

10687/7992/5913 kHz, 16-04, 1400/1410/1420 UTC

12167/9937/7526 kHz, 17-04, 1030/1040/1050 UTC

11100 00000 92587 15048 01759
07073 99341 69010 82743 22114 16364 18972 35609 95790 01708
81563 83304 84791 83613 96990 96838 69137 62065 39550 94653
50784 70545 70195 24165 55056 51962 59890 97295 02102 84669
63456 78466 40553 19517 48598 48449 60581 13879 09782 92549
28534 73593 21679 86538 10344 38744 11837 78771 75889 74234
57279 91941 01509 51075 34722 92899 12834 29341 79082 03974
35155 78721 29991 54235 43487 97602 70958 94136 29529 16630
90929 21977 27712 97672 22864 95607 67508 64145 39076 27841
44203 23604 07987 88980 25311 68572 41996 64924 34819 66525
91150 44263 82456 74971 62304 32827 30168 42570 68454 19112
12979 82220 37939 39014 56448 27060 38182 13330 57885 05315
93685 56436 23529 94928 02940 79608 78866 43924 83949 37396
94289 67409 03063 90514 93261 57198 66781 83664 35204 64955
81258 61740 90263 44819 09148 72849 48176 66429 78509 31589
28386 34308 23455 41012 83629 74524 61216 96720 14167 74577
35326 21533 34837 87448 79602 04143 62138 35739 82619 40231
13513 76855 57356 99452 36030 15156 45705 66732 06645 72018
12535 31330 71233 48173 00000

10687/7992/5913 kHz, 23-04, 1400/1410/1420 UTC

12167/9937/7526 kHz, 24-04, 1030/1040/1050 UTC

11100 00000 23519 22049 02139
64000 43447 93926 89544 93614 18313 60720 78311 73855 13549
67114 61652 48883 87623 68813 09868 04062 11677 18062 41955
98328 75094 10311 52733 68532 50965 30213 36533 16686 76074
70365 74673 16056 25144 21245 78886 97053 83993 55770 07888
98838 51316 56935 99279 97579 23756 61944 83972 47320 43974
21284 75318 94380 16390 96180 50130 51222 20282 42873 63790
40733 74947 57134 66628 46853 36592 77491 13750 32494 31651
70567 85516 10667 56220 46996 60855 79786 96292 81337 10584
59062 48473 34434 02951 84927 45882 01646 38566 54442 18914
35405 56909 26606 45546 15522 81614 17515 70893 65681 96710
50313 00678 39572 71000 45852 98319 25077 72782 65025 40329
39970 42080 38690 09681 17559 12586 46129 31869 05696 00501
27986 83321 27619 02450 44604 26873 78033 69669 15724 53964
52893 50656 02453 38277 36308 19454 17468 30481 93019 31779
74375 48774 39879 76154 12166 44921 94766 12267 55707 50461
26388 13705 98207 32781 53392 57283 16592 15741 66241 26140
55724 44531 70265 18787 42415 99467 73359 81304 15150 88385
66731 04872 80481 72346 72167 55813 32018 04327 54229 30352
92946 85581 20837 51262 68024 69379 60660 48596 15994 66776

90775 91690 78326 34137 13002 64617 25268 47078 02375 02292
05098 90527 76180 29404 07551 19580 16998 69373 77336 70844
48181 49211 00000

10687/7992/5913 kHz, 30-04, 1400/1410/1420 UTC

11100 00000 78412 29050 01879
81751 09170 91602 94377 05757 97474 91626 72430 12943 54241
60779 50573 94362 58922 92309 49907 04824 07015 45989 55791
78603 82382 78525 13654 27296 40242 27201 90927 68225 42966
57664 59788 56859 15915 11830 80365 21667 15472 16806 89149
24854 26474 40795 22247 97418 31224 06907 28193 21952 17272
00820 50000 61643 16157 33224 81137 58900 90284 42990 25112
52044 10151 51998 13366 83510 89069 07560 61149 97981 67619
73382 66074 53907 64979 55001 79033 96836 39345 70622 02166
68010 24621 03315 93564 46634 35564 95484 83405 49289 58570
71577 31194 34906 70301 99936 78812 88744 51325 29756 79050
83809 86961 64078 04315 43154 72526 54753 65206 51493 65158
30319 93641 89569 49411 92718 70211 89716 08805 43810 00475
36050 20526 27599 69856 57716 15449 99122 31849 88660 70688
55945 09203 92321 26856 93176 12796 74714 47200 67968 07855
34324 60849 84421 82245 22260 57302 34840 96481 11093 24394
58268 20176 95828 46891 02253 84591 75443 07933 98763 06006
88423 60477 90217 59554 00753 60970 66525 08252 69765 82396
99125 16879 32329 48914 82918 05418 90777 59270 22051 21729
95027 91155 20486 38149 44337 50185 00000

Link 00052

16209/14363/12226 kHz, 13-04/14-04, 0800/0810/0820 UTC

11166 00052 86231 13007 01519
59566 61443 40128 78496 12385 03603 51306 86589 36120 87989
58320 80176 91357 36289 28660 66989 55588 81214 36891 49914
97708 22572 63772 16312 47378 47894 18123 41118 08446 97295
79885 95890 72954 77260 87811 81008 50875 53048 20221 23196
26496 74391 42256 05575 77408 14189 18092 22416 17034 24868
11504 75788 46615 42117 23274 56294 27627 90665 38837 75064
10527 71800 84621 39219 80794 37310 16522 87969 08194 79543
88934 31554 10194 92266 77797 60187 65488 82012 56074 15227
38550 34599 45115 39724 01160 66513 90332 50565 61840 15857
34636 99375 39142 52509 88049 14384 39715 12234 16970 40432
27101 84393 01479 19316 92184 07961 34168 77644 61247 55521
58904 14405 02548 09955 72966 05430 17386 63474 41010 66936
26568 93718 94276 45339 88223 96585 13497 25524 07907 80487
18927 74761 26921 51719 15946 64450 99801 45631 69658 36889
96900 83286 06941 09245 92997 58297 69363 31926 27897 07149
00000

Link 10053

18626/16325/13458 kHz, 03-04, 1530/1540/1550 UTC

11166 10053 15973 03001 00049 00000 00000 00000 00000

18626/16325/13458 kHz, 10-04, 1530/1540/1550 UTC

11166 10053 54879 10075 00049 00000 00000 00000 00000

18626/16325/13458 kHz, 17-04, 1530/1540/1550 UTC

11166 10053 95124 17001 00049 00000 00000 00000 00000

18626/16325/13458 kHz, 24-04, 1530/1540/1550 UTC

11166 10053 45612 24001 00049 00000 00000 00000 00000

18726/16238/13378 kHz, 05-04, 1650/1700/1710 UTC

11166 10053 34521 05001 00049 00000 00000 00000 00000

18726/16238/13378 kHz, 12-04, 1650/1700/1710 UTC

11166 10053 45781 12001 00049 00000 00000 00000 00000

18726/16238/13378 kHz, 19-04, 1650/1700/1710 UTC

11166 10053 15973 19001 00049 00000 00000 00000 00000

18726/16238/13378 kHz, 26-04, 1650/1700/1710 UTC

11166 10053 15963 26073 00049 00000 00000 00000 00000

16325/14724/12172 kHz, 06-04/07-04, 0600/0610/0620 UTC

11166 40122 12654 02096 03639
21482 25046 44108 32464 98667 72831 89470 77290 42063 32111
27376 24252 13562 20638 62972 56004 85998 75316 19427 56617
95901 34714 44239 11904 88918 84952 32453 94232 87607 17421
08955 42746 36284 71734 37028 74922 02599 62389 45383 90434
40543 12547 90814 53215 44573 43381 98702 62699 49526 92434
48528 50149 56030 59409 96594 61026 86091 02845 53147 09327
98539 36104 56075 14837 19028 96119 08375 59222 64270 83329
71584 21919 65202 96237 32348 81731 18761 09052 84321 95104
22956 65808 92598 86980 74942 89456 32832 15202 36756 29309
22267 94378 98417 95315 84840 90171 93090 52584 17560 19922
43973 74603 50338 20561 47619 78582 16465 69750 23366 91366
75920 71178 83572 19351 58705 39952 04338 20838 20371 49029
01398 04275 26957 22617 40890 00805 11498 87488 39660 84573
69308 18141 34812 39228 84219 36738 27186 94041 02968 53782
28447 78107 99902 60439 66470 66038 99228 08465 28723 13600
46943 38667 48316 06733 49677 43835 62421 72383 22608 77087
97737 24595 13655 41563 62700 44280 96118 22392 51108 16137
46972 46900 86871 71118 52984 83967 64557 07910 11861 18483
65421 91851 20593 61837 53621 54737 68197 84387 82284 43927
75043 80832 64138 94216 45950 04434 86367 20900 29234 31025
74401 57455 98903 38741 34321 86303 02195 14409 28554 36065
39609 22533 64567 43764 69677 97824 01236 05406 55601 47192
02569 63371 95989 72146 93488 04073 06856 47561 97353 64289
47079 17704 59897 69643 04504 95503 89289 53632 84874 75968
66992 30670 70790 99705 09107 21573 42866 27478 82896 54916
80285 11728 08172 92716 82942 76019 98226 53856 82345 38316
20011 33715 33481 39058 78235 43412 04825 59949 53082 17134
08679 44416 46217 60948 39035 55651 14799 41572 09140 33205
98151 38512 05958 34039 66808 08024 03714 69000 48604 32327
03706 70631 11506 52503 92576 53276 07872 08536 36230 51402
09818 34904 51572 47083 90387 85189 23285 22585 30217 84121
57794 98977 54362 30496 91639 46729 29002 99419 96424 79202
72684 17303 47535 65002 61817 08045 48817 20113 35074 33847
30397 65747 26428 79096 61835 62864 81473 50745 47797 59283
36743 93642 98436 10333 66700 44235 91665 58966 28090 71089
69511 86300 56345 75666 35746 68488 93733 51792 46965 00885
53920 96361 00000

16325/14724/12172 kHz, 13-04/14-04, 0600/0610/0620 UTC

11166 40122 74589 09097 03029
81908 21361 08118 22308 84941 29917 05630 22473 43635 86820
77944 76068 36860 04869 56216 49682 26634 14533 69732 49384
16536 74791 93826 29076 37170 19217 74073 80175 38378 35756
18929 63594 92865 03637 78025 69942 40949 35843 48286 18878
31102 00591 75074 33572 35985 20254 40535 51197 48662 71155
56343 55391 88669 32687 03025 41634 72638 59176 83052 51468
29160 72947 79901 36510 62571 02011 40236 38175 95356 10818
21447 94069 43853 97521 71694 06983 06933 56176 34663 37405
72376 27317 96212 05525 70598 85358 15108 13637 30431 36244
05018 24894 16635 23784 59978 59347 53852 68129 40489 93204
66658 84811 62452 72255 90420 57775 56122 75390 32649 64867
87270 89151 89510 79196 57738 79264 47223 94806 27573 70072
22986 50115 25942 67821 25157 47530 42986 88732 37352 92704
19838 77791 56158 01854 78956 29205 37151 50578 61989 44447
28893 62626 67339 88848 99613 62034 04627 32655 86254 37092
08232 87491 20556 89546 77111 74184 11891 67514 33063 82858
91524 05508 14647 11261 47977 20039 48925 92247 08202 34219
68236 46366 44237 29809 64162 20467 10048 50137 95899 98299
38218 02340 95206 94007 51204 32360 35126 64479 66816 71127

54660 01478 02638 75375 56592 89497 09046 11521 20638 40279
85541 56049 99120 39925 60065 10840 87348 69541 35985 56869
85890 85365 36452 94736 96930 69294 00807 45435 21897 85762
12722 09821 52540 05906 64770 10205 72665 84950 89106 62520
12686 03756 08955 52482 24210 10463 90574 14200 66816 23169
00412 34661 24245 79583 97105 32533 92152 44591 13054 84719
04648 11656 05213 99110 91778 59022 79814 56957 85166 46632
20718 73315 13973 64697 76036 48993 58383 69881 82774 12438
52798 70009 34125 75004 55922 43246 19141 48039 29933 02697
89446 95217 95916 42342 32702 18574 57764 25268 57475 01655
11713 00115 19246 58252 83715 56683 42194 60122 61834 56646
97300 00000

11166 40122 96521 09098 02519
16486 42161 15838 00285 75737 08453 21193 15208 84332 87631
29644 77974 89298 11002 53551 04567 16419 11850 56197 70645
15270 69383 65229 47535 82873 45734 51441 64859 20647 89468
40068 35783 04344 04043 46792 05781 71671 04624 55641 10887
57269 11746 80970 56350 29736 55202 80714 51637 10404 86643
13091 62720 78527 24291 53957 67592 92593 78230 16993 25932
82428 29698 43903 98880 91794 62814 56831 79843 76163 72195
90161 22263 85349 94881 43910 75311 85698 40016 25879 63425
01511 14718 74770 70622 80390 69588 81447 15547 12213 12272
50523 28170 56384 62534 69469 64092 57098 47273 77436 17383
51261 58911 50964 17878 98786 25602 48773 23909 89937 66698
82832 46364 09404 31902 07876 65042 61813 47547 46567 23223
88349 18452 92499 11404 29172 58768 58210 76132 11326 50279
60403 14871 66825 51573 59568 42836 10606 06531 96182 42754
33016 25570 90673 33449 86561 38085 99355 18233 71563 39504
43490 99006 50435 81425 53699 67029 45261 78248 96879 06277
98361 28753 77837 70342 00530 76049 32809 18808 16644 54354
57072 24023 63311 96013 33815 84237 18275 97219 56473 04010
66219 65857 61709 27847 10713 99911 15215 38002 06935 69891
17547 52364 94902 03678 22159 83394 37861 97268 82831 44020
95549 99822 72690 11454 87012 46473 41979 84850 22646 37322
06806 97751 10174 86065 86025 71255 64238 86690 28451 18841
74289 71670 97592 38798 10458 60101 06099 55186 72115 19223
17095 93266 08788 87748 54596 00347 68121 34457 90202 47971
50591 50469 98240 76400 75631 98653 96552 67304 88881 98249
00000

16325/14724/12172 kHz, 20-04, 0600/0610/0620 UTC

11166 40122 14785 20069 00049 00000 00000 00000 00000

16325/14724/12172 kHz, 27-04/28-04, 0600/0610/0620 UTC

11166 40122 85214 23099 03279
24498 98600 09819 78532 55747 87718 90374 09174 13400 23902
39304 35975 68628 58398 64774 34418 47058 35416 43269 39140
57979 56960 37525 02374 30311 81362 82927 94676 59976 78940
59551 33877 98399 93218 92031 53186 36804 81160 44456 44401
65991 30836 02461 37151 16304 79971 59728 00107 07448 83810
51057 75112 62868 05741 99208 80151 68357 29096 67708 42106
79594 13602 36794 45240 08300 44874 44690 06335 41681 50438
61406 12431 74877 80670 87244 82100 61073 78133 93194 36193
08981 83720 45421 88988 82366 53056 81005 95705 81319 81588
27161 17289 09950 61809 81083 88418 60191 21037 92634 99683
66410 13215 17043 29852 10505 63137 29823 89172 82174 86563
21071 59654 24056 34643 11359 43254 16412 36101 56390 53906
81051 35605 32611 14353 09184 51773 20973 43674 42879 03237
31019 46503 64836 76216 32497 39816 76132 32034 86678 78276
66654 78004 94563 64035 07887 50143 04181 51959 22758 81132
44149 86187 12219 51972 75696 28988 43251 50766 80324 67831
27983 87066 25309 11624 48618 35232 74211 12038 07834 05220

34606 70882 09375 64259 60195 19441 98497 57843 49510 80718
16968 03470 08383 50544 52299 55581 68368 58449 85918 65124
78318 94276 69934 82183 11285 11440 87224 75113 53941 42794
74491 64615 70712 90027 13009 96195 59798 72535 35115 84353
84428 89015 53187 66402 46294 43535 11584 35384 42889 01553
18766 40246 29443 32957 05977 12305 95037 13908 07939 69771
28755 54923 77802 56205 12417 60308 88042 63742 30519 46555
66220 30655 51741 18660 20296 86656 49229 40279 33175 44397
51835 58675 31185 60590 43500 70385 56165 15211 52970 38548
95857 82185 01032 97828 52277 90034 97451 07884 52774 95890
04817 41287 33446 21329 11451 16880 49605 23458 80603 14461
92987 99695 68094 31759 20381 49681 25606 69634 23370 42745
31800 56439 93885 64391 18465 47474 65235 40213 83860 60475
33314 60695 10462 33087 87674 55326 29282 13230 07159 89469
97972 18326 99750 82422 84867 24306 91370 70104 76185 70340
93271 60814 48555 90228 02747 99325 00000

Link 60070

9455/8131/7445 kHz, 05-04, 0030/0040/0050 UTC

11166 60070 78523 05001 00049 00000 00000 00000 00000

9455/8131/7445 kHz, 12-04, 0030/0040/0050 UTC

11166 60070 15973 12001 00049 00000 00000 00000 00000

9455/8131/7445 kHz, 19-04, 0030/0040/0050 UTC

11166 60070 15963 19078 00049 00000 00000 00000 00000

9455/8131/7445 kHz, 26-04, 0030/0040/0050 UTC

11166 60070 25697 26001 00049 00000 00000 00000 00000

Link 70059

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

11166 70059 15973 04001 00049 00000 00000 00000 00000

9473/7556/5471 kHz, 18-04, 0400/0410/0420 UTC

11166 70059 85426 18001 00049 00000 00000 00000 00000

Link 70202

11054/8189/6952 kHz, 01-04, 0700/0710/0720 UTC

11166 70202 95137 01019 00049 00000 00000 00000 00000

11054/8189/6952 kHz, 04-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 04-04, 1200/1210/1220 UTC

11166 70202 14758 01064 02579

49377 67147 83087 71513 48584 90312 14164 01080 57099 85033
92144 31140 99485 13946 04313 43590 87646 23646 94074 82580
52945 99052 01526 01110 97957 15918 94748 61246 16293 33661
02765 42635 53912 95738 86080 39006 10394 29703 05781 47348
03575 64168 77078 79456 46008 04854 18292 50518 06682 36896
31152 24449 56415 45620 73411 20647 20394 72953 09665 11862
86273 51672 51332 67867 41278 84671 21742 24621 36746 61433
07249 83595 03556 28898 80322 70978 66861 58913 05546 11423
33591 79451 64465 96032 51130 61792 60221 49272 60637 80836
87903 24500 93419 90763 81567 82788 83825 83202 73847 34744
97062 20113 29103 49994 95408 58557 36043 64044 91229 09559
70751 37182 60254 98224 66072 45120 13544 17334 48269 06066
51584 91557 26913 73905 48949 94525 48927 52181 42967 85899
52736 08572 24827 60660 83440 94530 56564 27792 54969 99802
62364 60538 70146 96482 67618 85439 34594 52314 84170 02320

25435 17920 65195 52419 00705 17633 78142 76862 60431 98640
69179 32641 95311 18113 17585 58307 83920 73003 03513 06559
24395 02217 37577 85911 11530 15827 25689 78632 95213 31032
67587 27138 81159 19539 12495 06036 59853 96051 20343 21991
74660 02574 02002 08622 65036 68189 36946 08598 45765 49022
91809 60131 08175 78060 88242 30051 54265 79528 93537 60652
99675 27501 32436 22491 06446 53439 43567 90333 31494 32343
28957 84438 01759 02202 70034 44346 51938 96435 08582 27390
85758 94012 16070 49091 46726 16923 99797 07643 09279 29715
19295 59661 26290 20762 11418 39389 93859 69951 47561 38554
19326 32501 71452 89048 03434 64255 00000

11054/8189/6952 kHz, 05-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 05-04, 1200/1210/1220 UTC

11166 70202 79465 04065 02039
58379 47035 24531 51745 54896 72960 34425 20435 83794 91478
31015 92828 40139 80906 95903 02009 89703 46961 16829 57440
08698 90086 68051 65667 80992 60377 28740 40954 45066 61044
44016 29298 07841 86341 58375 94268 67602 04915 76154 38089
13186 24492 28737 56423 91621 98856 53184 50273 61427 63050
11981 43465 73727 07728 08580 79117 48395 28620 78435 93567
37402 12019 60218 91166 92556 42247 76880 68396 79836 42030
81285 60735 07477 81719 46066 10725 60024 18303 02415 80650
55531 50127 57486 58305 68088 98297 45094 29243 82866 50660
89406 13984 75875 29327 86309 93589 35610 67670 32135 72066
68784 07731 54443 49006 57332 53970 24541 00938 58860 44310
56425 94789 67757 24392 21839 81929 79122 36002 36130 46208
22724 55588 94600 04435 59155 43815 64024 82746 55396 92091
59036 17277 81943 77005 58067 52596 98724 58614 38517 36327
21956 83506 35857 33399 89155 78604 56343 08369 64483 46610
98030 49237 51597 99055 59774 31218 06226 87893 42911 43877
65623 21553 75298 30092 37123 76404 12409 10263 12940 39583
95157 90219 03449 44084 69164 76253 06093 82090 95119 45715
52137 07453 04954 46620 98430 63276 83501 24693 56378 95534
80331 01289 75314 38659 81446 50634 22446 84040 95531 49825
26579 65201 00000

11166 70202 12458 04066 02059
39990 13793 80119 55186 56980 69760 35269 08554 17293 65550
19623 28749 67315 45574 92624 74872 87002 06844 00540 59280
18288 34779 24251 30318 97495 59039 27158 55538 90207 21552
64102 10103 51987 73953 37272 00041 63441 46591 10011 75058
13022 56313 14481 10592 26027 45204 14108 63779 63223 67469
06747 33052 37544 66648 79509 76022 22280 10355 51195 65362
49224 74712 63244 87357 20187 95697 05177 12821 80327 29553
85432 95064 26744 89479 83564 74602 50752 50781 44715 95282
37292 41650 02314 61534 69904 61797 39936 91407 14708 96085
28262 45116 81817 15381 98068 33740 87645 81797 35190 37801
66514 00521 08399 90385 05029 85399 66121 04509 97630 30504
62951 49401 46794 04815 01877 05409 56277 12255 03173 52195
90881 84235 35885 69935 01158 96912 72858 58175 36478 30336
55229 02068 94938 11678 77332 40647 83507 09735 27957 16851
86865 72887 48881 13963 68377 27702 96635 08168 51628 80360
18427 91916 55965 88122 78152 47764 84478 92978 93460 77398
87864 34709 69773 15523 52600 85521 42224 83289 86876 73457
61444 60982 02722 86756 84133 84609 17752 76363 54351 96119
24989 98770 86466 01918 04184 66378 85717 19365 73076 97560
67286 15959 02046 83625 59865 70876 40559 14864 04622 13564
28892 32856 85515 66203 00000

11054/8189/6952 kHz, 06-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 06-04, 1200/1210/1220 UTC

11166 70202 31547 05067 02699
02398 81413 00105 59414 49109 07786 99465 10811 64493 03973
12954 22168 46630 70206 65923 16228 64082 98598 40391 85379
65293 38857 97371 72072 24403 46130 09854 02454 53181 59422
48609 84167 33762 84005 88020 04245 51863 76277 24122 88034
35186 54501 22022 05108 26672 83851 34922 33066 47317 09227
61897 15204 28222 34244 36632 72955 16563 69867 64308 59058
85186 01097 48819 62382 00493 45172 77502 00360 28320 99705
55584 59937 82490 04202 07518 73019 45732 63391 87397 37303
17647 05817 65651 18474 69411 76114 84182 94682 09914 84420
97162 29241 92995 61345 39652 82482 20499 91951 91241 98720
20800 27178 26898 29240 07517 96128 72212 77257 48086 67699
05222 75801 96884 34937 72002 34435 72590 20607 08224 15757
84472 27375 83843 27638 37291 81072 13138 42112 69500 40446
97244 76857 04438 71865 91419 00227 19190 12399 14190 45739
60821 69713 40579 46988 64657 32221 46611 28894 54299 87923
97268 16244 28068 75380 95091 45450 61566 15249 31617 90477
81030 95818 08829 38858 87180 11003 22819 78745 34245 74192
26846 82945 93837 56433 15968 00850 58405 22364 00453 94223
63891 62330 60142 77771 36344 44146 96957 50437 92126 32903
27743 28348 46432 52295 84624 15374 09788 85886 15078 72206
77229 41749 98888 69918 39847 28920 24198 38938 73377 19121
89813 49355 83530 92155 25984 83532 12753 88445 50807 86922
38091 17129 04482 08056 14866 93164 28575 63620 45830 01876
82489 89580 80505 14374 14339 64263 74375 02300 28391 14364
62639 25315 16293 39785 28197 89788 44243 18279 68563 02114
13317 75793 91391 65082 35114 33494 93300 90777 89935 67373
01694 28391 59663 41403 84245 30434 52530 67267 00000

11054/8189/6952 kHz, 07-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 07-04, 1200/1210/1220 UTC

11166 70202 54120 05068 01739
58224 44732 35363 92683 93589 62053 11059 49695 36845 96949
16820 25823 08683 85085 66983 47803 93058 72582 98874 10837
83815 92894 75928 87929 00160 87918 11998 45194 31913 78031
40293 80299 00497 10743 75387 26245 46569 42646 41727 87661
80267 34359 67082 01812 54977 63139 64377 41495 50581 82862
50336 02023 77111 86057 74381 39472 34759 47666 56228 52396
91154 55244 55604 24169 61889 55268 22535 68179 05179 70239
01637 43025 66635 66283 88845 29933 35073 75922 64032 89556
95284 05710 47928 40368 88727 83416 56804 25815 18059 24457
53349 62431 56457 22235 17164 86099 47665 92114 83337 38639
07688 23678 22514 61917 64101 20982 60905 91666 93880 35484
63690 68196 45712 21335 30214 06184 57713 67724 74457 90742
06494 87955 89187 91937 48512 69957 17245 14954 39646 17900
78387 28091 43928 39620 25146 35780 67379 59526 26122 88808
77870 61683 00155 48935 96968 92763 49817 50092 74681 79544
67658 23355 83058 40641 13636 77866 89571 97177 87183 54910
96218 12057 42341 97314 55294 12537 19386 01370 97745 75800
91414 68171 00000

11166 70202 35681 05069 02179
37386 07407 77593 20769 81958 60005 63400 34474 26884 31755
83446 69616 19219 87017 79924 14074 58005 94212 36030 64275
02612 11292 22054 49390 62423 77939 75162 23967 28823 19204
36302 46231 35387 90245 92674 84202 57245 16882 99216 16834
85534 11618 77519 22368 37898 69861 15625 71070 90940 75990
17143 64562 45613 73982 73121 88911 61426 82270 55102 73684
20465 57536 52815 74140 07112 37109 04930 18764 14444 14667
96317 89308 13218 28927 20252 25553 44393 70015 28988 71950
21128 33188 21158 08360 51185 74621 39422 32044 15687 48920

76812 83131 65151 33070 15199 30717 18757 66491 44328 61795
77761 61894 34867 40216 89022 66631 63880 27843 19554 79214
16194 85111 28047 50706 10073 93164 44316 25648 20652 64759
92574 02242 99557 36134 19513 16448 14163 57014 13086 79697
54901 20951 22967 24909 84091 03188 18602 40487 24700 98219
45788 97008 12485 74260 67741 96256 59951 86786 01555 97314
05568 18346 86022 99401 46666 36832 41739 86123 79481 89395
09421 60847 94741 74196 77392 27868 02279 57164 34168 99068
83070 25976 07070 30758 92164 98419 72814 20364 60917 27350
51014 17685 71988 69402 16527 30376 05529 09674 91583 28365
79988 59539 03649 76871 36004 69810 19931 52742 36779 26403
94499 23760 83411 20719 88932 95635 68598 11921 52434 56365
17157 23288 72370 72634 86797 69215 00000

11054/8189/6952 kHz, 08-04, 0700/0710/0720 UTC

11166 70202 72861 08081 00049 00000 00000 00000 00000

11054/8189/6952 kHz, 11-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 11-04, 1200/1210/1220 UTC

11166 70202 79462 08070 02439
42118 36085 74644 67144 33553 37107 97337 60234 55624 23067
67548 25340 11467 54137 83661 17050 62375 53570 20811 80354
54854 36680 44503 62478 98542 94204 96199 84579 43449 72260
61823 28002 29947 16057 59101 14755 09965 69577 04699 86932
62793 48396 47076 14738 53971 27836 76001 87808 10667 13638
44664 69532 12005 87340 65326 19040 17773 43556 64439 10557
83938 61323 08177 04812 38430 76738 34312 52174 15599 49033
51385 32229 72815 37305 91085 59457 37633 30074 24802 09717
58952 94863 80263 47218 60626 39987 19220 56668 20952 05724
62097 10282 26468 27087 70554 24343 73511 35353 23898 85004
15970 90551 50275 48015 82650 62096 98589 42053 12733 99753
62082 30372 82706 62127 89508 10423 23265 94849 44842 56163
49573 75666 01465 32717 53348 68611 81757 38098 30199 54439
78043 51664 40654 29520 15809 93995 28322 90384 45160 27896
43613 46092 71424 55180 46468 25622 60864 88968 86530 72473
82414 06134 84190 43657 71397 09637 60954 55270 26149 55391
92561 41844 73492 23379 83293 21639 63991 37688 84914 85097
82933 65165 08680 48617 87971 47364 03840 40852 09359 45487
01094 13715 73722 03005 44421 95276 37312 55629 59724 26748
39654 43347 33732 50729 13554 04190 01589 42921 12387 54421
66577 04474 40610 84855 00402 57171 98430 27954 97483 08637
76579 75428 81688 79745 62112 51012 88942 11423 41189 68094
74156 93041 09760 26907 15906 79570 28098 30949 17307 89693
80124 27339 26520 02067 23449 00773 25310 91906 41070 75795
59126 70241 00000

11054/8189/6952 kHz, 12-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 12-04, 1200/1210/1220 UTC

11166 70202 26471 11071 01659
98329 76489 87674 83751 80935 56046 28557 55891 41498 64325
28040 97554 40095 53932 85259 59964 85556 07568 81477 63172
21862 38759 27461 51714 00179 20804 51977 55833 78737 54880
86094 31712 17719 13255 22956 79138 61353 18526 57750 60057
24416 44834 37527 66432 25299 51990 75573 10870 32859 88446
10027 38421 19216 24055 11411 83030 35698 98547 68786 17035
54125 96675 09208 67175 40602 85947 30157 95549 54022 77904
49664 68936 86471 98863 03782 64950 87705 81075 46121 88433
40901 10226 29117 96553 81866 90229 71721 56018 78889 11234
43212 80868 15424 31798 17800 24264 42796 11157 79725 22719
95111 52530 83533 16210 83560 43395 99203 92607 12311 03676
96842 29853 83156 77777 50602 34334 81139 31409 66536 98887
58304 39121 64059 28864 57788 73514 65713 09703 45433 32034
74919 14443 41103 62312 46407 74618 66892 71970 79006 62965

54424 33841 85487 61383 78410 22534 19148 12592 08673 43286
61809 78911 97807 39035 02948 56615 46683 86657 64606 19280
14955 18294 51810 71163 00000

11166 70202 75146 11072 02099
01840 43517 80125 32135 01288 38989 44237 64467 11950 87996
21179 75786 37060 33346 33162 93046 65845 68517 59287 45225
85559 16569 23798 73331 75247 17722 27784 57695 85943 49087
41535 48474 36972 24948 99726 10331 83062 51053 66624 17199
31942 31348 63490 58086 17110 50585 75394 39856 55470 81252
79597 97911 44521 88255 62710 50730 78778 29790 18807 59185
90122 77840 45683 76589 41768 06753 81447 00396 30526 23304
48633 61496 77051 36715 98008 12065 08782 92045 69299 97857
65218 15400 10971 25936 80275 44391 26301 63731 21361 42295
37894 30396 89876 19334 87849 66379 12848 09524 15755 92159
80336 76528 81706 92075 08352 46956 26529 84196 31936 94531
86396 62157 58113 23584 04031 19913 33386 25294 03671 95331
05473 05129 21998 93580 83974 04904 12212 76230 29642 67917
63426 27017 26965 20580 02600 30212 19725 68994 71157 22514
14246 33909 93520 04422 79992 72490 79712 22016 02228 60346
29230 55089 66406 32241 28381 72555 78993 04948 58259 41090
54394 30651 55554 97925 22693 54369 93380 23746 37869 73811
74313 76615 91197 25108 52818 72880 59506 42871 29263 25985
42991 67992 82703 79124 72264 01650 34619 92698 89326 28925
60795 72471 32161 60505 93542 49404 77617 65874 81431 47079
22294 96454 98729 97659 06089 22121 21746 72207 00000

11054/8189/6952 kHz, 13-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 13-04, 1200/1210/1220 UTC

11166 70202 45871 12073 02739
37300 84980 46924 56877 45553 97062 88278 02651 40811 62246
43323 46849 23387 66539 39342 87105 62472 36056 82655 08796
28874 19427 64442 82936 28230 72659 78783 25111 39413 69875
70084 01374 87788 88359 52093 92062 08024 41370 65681 49455
76139 57133 67581 10221 15486 27471 67271 48580 06331 74495
54191 81138 53747 08804 82476 59311 93492 77617 05400 10283
40563 26302 76710 12437 10108 21696 61050 16209 65401 10702
20644 46268 72541 12565 70441 45998 66588 68281 18913 50195
58806 95571 36663 96929 39707 22857 20080 14497 57591 00683
42179 44416 77247 14018 07848 86389 48534 43863 55668 76180
39500 51626 73515 32334 13746 84681 20105 32685 56711 26557
69692 06589 80579 40189 22099 53812 62476 77686 45260 26020
95659 55027 42480 31797 58390 15139 61580 51149 30154 27798
88132 70401 09947 99777 89958 73460 16292 93685 05085 50347
73683 78944 90351 08959 15145 63317 72841 00994 55585 78456
71334 97968 15647 17883 79970 78272 00728 50845 31304 11195
64866 60502 80940 48860 14179 79848 80945 62019 29533 23843
34207 80612 13148 41155 46942 25066 88808 33987 21543 39243
10380 19394 56932 60996 58309 30547 48633 91252 28808 81378
05727 47569 45385 43035 26903 13108 47450 05599 02766 16944
35636 23480 36608 06674 78558 67961 00828 99234 10689 35291
71170 20892 76017 83785 05998 72316 97220 98378 62761 79707
74991 06042 68870 17879 47234 90523 89140 16256 62822 79845
57015 83728 49577 04987 61740 13283 81183 53199 08687 52351
72716 64384 95002 49833 59469 43984 67785 15706 38765 90799
56963 54174 79451 63203 00068 56289 28752 32153 01090 62979
71173 94473 90607 34433 19148 44817 79366 86755 40101 29766
22509 73271 00000

11054/8189/6952 kHz, 14-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 14-04, 1200/1210/1220 UTC

11166 70202 15982 13074 01819

37853 5055 498839 36735 96486 11189 12308 20302 19178 67575
02145 7531 754960 07723 97627 69342 22470 03985 31402 94963
06497 6456 840763 94985 77682 00762 47561 80688 77548 20827
71402 1658 036040 86488 55838 70103 13788 92951 12235 49716
86249 5840 610995 79782 11946 33923 74846 85727 51959 69718
53855 8787 532892 98682 86870 27424 70469 23148 79083 72978
95974 1580 950384 81092 52700 70739 34208 09251 54608 65449
31558 0473 124391 19913 49891 17781 53102 63502 81554 12549
48571 4577 401457 74205 64757 52041 88673 35701 29266 09663
01658 7257 511190 95997 61755 39287 96461 83958 24708 45471
62928 8609 244828 95588 72309 83140 61547 40375 21242 48010
63003 1356 418593 01087 06372 52282 81230 57835 99625 24589
65437 5462 974401 12573 76158 63727 04674 24452 21268 33362
50908 3412 603043 13852 34405 71591 64026 55692 71487 12689
29485 9055 922257 41592 13624 31149 33579 84494 81762 50818
80994 3792 485658 28933 39246 40125 14160 72890 36108 58939
26376 5272 469195 94634 59558 09262 90461 21108 28875 21737
88047 1391 161267 45825 20192 38516 30575 58022 80869 74179
00000

11166 7020 298153 13075 02039

88696 7652 375340 91980 33678 88280 85065 78793 76179 303808
05366 6078 875338 82720 79275 42979 30767 87497 67579 386833
93327 6249 204864 64958 19694 38421 32729 74283 69254 752511
90370 4699 508770 96131 04670 09984 87536 25831 26500 065785
57230 7852 510177 41019 24044 55304 45036 67191 29585 529269
53041 2146 266576 08194 26523 44399 65050 50256 39093 875702
77232 3784 379228 95413 59775 34441 01037 94967 93648 013200
80461 7784 705161 96336 99928 25958 42971 06630 19365 729688
23658 7056 589505 02112 29435 65381 42473 99600 32024 217292
05533 2276 326866 48822 46664 32991 36759 01490 03240 681501
43600 0627 450876 06749 58852 50162 21263 77369 25212 473793
00321 2678 491965 51866 19100 33679 45861 91255 27794 474692
40741 6602 666390 40452 95861 08483 97662 21059 58339 104332
30776 0248 859805 63833 87800 99069 12337 30390 45839 703651
54458 7656 396901 07469 36356 41685 68633 76549 32814 941435
61172 1761 669813 11561 03528 01606 18698 40015 62740 662740
44817 8293 867957 90517 68821 28657 23621 99489 42320 176016
50383 8195 354418 68005 97370 62160 52096 82005 05068 334629
56895 7527 853582 60959 40903 33060 52973 57123 21785 448793
75733 1968 568423 42977 12513 28750 48817 37520 10000 000000

11054/8189/6952 kHz, 15-04, 0700/0710/0720 UTC

11166 70202 62847 15043 00049 00000 00000 00000 00000

11054/8189/6952 kHz, 18-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 18-04, 1200/1210/1220 UTC

11166 70202 21347 14076 02579

94723 56272 60395 15093 44858 29397 27249 00341 50111 71343
18410 78415 27518 71946 81362 53315 04950 84990 32176 16106
66322 48007 23224 27263 82063 28333 42251 55756 23260 87637
03722 79552 82946 82081 18398 77236 52951 40315 52069 65434
29753 86496 09390 61717 47769 00516 03738 77690 63539 32606
99063 71940 39203 14553 34633 17532 98756 34658 68627 63746
55477 68665 01526 96745 33994 83835 65211 28846 35417 58348
88734 71095 18969 83220 76676 68842 98566 38943 61049 04971
77770 63998 12666 00509 71558 57471 22918 67282 88349 82922
91909 92306 70725 65722 83869 58610 18266 01027 35784 32162
40973 14588 30199 69607 16675 43582 68110 26489 50893 29648
02895 70643 62573 41312 21213 30462 44135 68007 81817 32704

69287 52851 48221 09541 47018 56383 76131 79539 45222 68454
41628 32243 32400 10437 20984 71064 10847 94961 58094 94165
39797 35363 80434 18006 71938 22008 49497 73262 51748 07724
56632 27798 49077 69480 00243 16365 26434 38538 05253 81737
63386 16235 70816 56956 86541 17613 57170 43375 78522 10054
47590 64193 64385 39132 46388 98168 98921 58855 98873 23184
03270 08492 44225 24379 24289 03160 37221 46506 15112 30386
99737 95220 60342 69795 87985 16983 94303 78143 86400 12259
85802 06861 64127 61708 87829 44312 55043 70055 75637 99938
47260 57315 21639 72495 93021 52073 80554 69550 74963 66505
83256 70440 89649 57820 62738 49875 34335 05818 60653 04371
07884 61248 87851 48703 61793 44655 37365 74572 62246 00403
73267 88652 49136 35555 43853 72234 03008 98319 92568 29627
55841 75715 65131 17528 06620 76255 00000

11054/8189/6952 kHz, 19-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 19-04, 1200/1210/1220 UTC

11166 70202 96358 18077 02179
77835 83886 38688 57315 08063 47325 83688 52884 96458 30631
49733 45047 38739 08269 63516 14126 45773 55839 84372 38404
92056 36233 53779 35403 90857 19082 11368 35681 31950 13195
75875 81335 42890 16681 14474 66405 59761 14423 48917 61347
18330 77607 71938 88794 01547 44998 72344 42755 04342 90625
92235 68472 01630 07595 64792 45103 30484 62695 06066 38425
22406 01496 59209 15748 46630 08620 14592 40215 50399 52874
54223 86697 07153 71944 93935 46442 08564 76309 21759 12695
61354 77102 55918 64452 74842 67565 70905 90554 50142 12818
65051 21299 06967 27610 68035 59749 08963 46750 11782 29956
73517 17894 13167 84243 76979 71393 41982 36778 91223 46869
72586 15583 12502 81225 42692 50208 68518 87764 67712 37226
14665 81108 84113 50745 55348 27610 20213 90135 51362 25933
17849 82147 99222 47506 53374 79609 93421 91517 31397 23899
07521 34154 49718 63369 55036 76761 58894 44918 16045 22624
64867 20895 40445 37037 48103 38519 63826 70378 97662 04013
96862 48842 83659 38623 74182 62548 16532 68729 73654 05696
66564 17218 42014 48455 42107 88317 87775 45290 49921 63071
27369 09386 86089 47653 95440 07886 30933 41689 55241 57612
46368 18801 70060 25963 99142 36529 21625 66669 58389 17851
86416 45115 40927 71459 05825 32876 02767 43003 11097 76203
00234 14470 89003 68107 69159 77215 00000

11166 70202 85247 18078 02059
73815 67488 19467 21375 85749 30555 38007 61265 76909 23691
84423 67239 27320 33820 02293 76985 99426 18158 77667 95637
68284 73930 81423 76284 67869 88663 14447 14642 08182 44474
22838 93823 42849 74798 75321 40142 91892 97006 20053 75890
49365 69330 63003 80026 30539 45540 35119 92707 38327 25825
40437 24612 53634 27287 02338 56981 79324 22513 50141 43323
92479 19648 13215 48711 84656 82405 14790 87620 94812 13461
82676 46240 64600 49663 19053 00185 70706 42490 96531 63564
13936 22211 72677 30339 69716 69164 40176 93884 29720 40610
54827 55735 89281 26578 08562 59410 60310 33168 39666 10283
14372 16722 97399 67418 85638 17313 03196 18325 88385 64988
75628 72551 28730 57206 11341 35070 15297 30900 39118 45379
98485 77610 89285 93272 93057 75114 45636 47199 63694 34008
72057 56163 78243 82656 31056 11093 58317 38968 36366 76623
81952 42417 06822 29227 18003 44762 13690 62622 96954 82890
38650 46415 47865 82232 84605 48892 56089 64171 06504 59916
21506 55909 54382 74857 21912 26193 45791 25493 11287 95377
09812 68818 07598 93221 69834 69711 49855 62894 57299 38375
29084 34597 73577 08503 22915 17257 42192 67112 88472 81725
18547 71964 93252 33917 49373 17528 88677 01325 99063 35411
56009 81352 85093 78203 00000

11054/8189/6952 kHz, 19-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 19-04, 1200/1210/1220 UTC

11166 70202 84593 19079 02079

29703 28981 86506 01038 39289 38919 05926 45111 86254 65235
87423 64594 55631 31985 20787 30942 92364 77247 38179 88845
14222 36418 24373 76099 54879 76385 81360 15441 66866 29019
89559 89301 39069 97413 32779 33401 08466 33326 79146 10133
70787 09234 35181 47669 19795 33475 15193 55723 69858 81875
93209 53917 41520 44326 29603 73675 14734 09739 89613 19601
79474 37820 95959 01250 38387 91090 82709 71265 41183 25606
42615 30789 55461 63800 85092 88096 03636 97899 47024 81398
20671 97336 23597 01730 12307 18607 11330 76880 18450 41008
80508 02300 11436 76688 19198 29907 83843 28455 16023 50751
05543 93774 73908 32456 54668 38394 71960 97388 52208 88038
17685 52487 54898 11607 56721 06685 86092 94308 32285 36871
09324 24183 11503 88329 74212 40434 20834 20573 89442 17016
57756 34542 02461 79910 70912 42077 90611 81539 25899 63619
93382 80736 98889 65070 40447 01725 65275 69746 55199 70538
75513 06372 38467 52319 35368 79045 62080 37934 32741 70110
26996 53341 78258 11883 65664 90152 51829 88153 93310 80821
72336 51425 37840 66897 32669 66793 03038 33791 67265 18443
44761 10469 44371 39667 64803 57533 00188 52364 52125 92124
57102 26944 26132 23065 93190 98581 61695 94704 55171 00754
00594 62887 32012 02004 79073 79205 00000

11054/8189/6952 kHz, 21-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 21-04, 1200/1210/1220 UTC

11166 70202 31285 20080 02039

35397 90889 38409 98086 90874 71862 12250 67552 16367 74404
21776 06174 99094 09511 71339 57659 42356 92377 05462 62272
10712 37081 25943 61110 45182 01344 59454 52847 40663 42339
80316 26336 02733 69467 18129 17542 26035 05048 04959 64222
61436 88845 41767 56797 64146 87398 88756 08856 39968 94058
09337 95718 31892 30691 22387 34515 14208 86980 42510 04192
86320 58262 12962 28911 83459 67832 60939 73252 46477 84665
29928 22683 17905 72482 68779 47702 56482 31101 82218 75135
87315 16008 72463 14975 29877 47095 26647 16237 71018 42493
29724 50255 75198 38432 07557 44855 49099 81087 29865 17844
02824 01329 27722 83254 74870 08313 05291 28779 13054 62871
50492 87835 28579 16612 74273 54697 65445 27687 33194 16129
52367 89155 14981 97957 29403 30881 91777 50035 66483 80902
70745 18003 16012 97212 96716 75319 66744 05894 86592 13979
91122 06525 00156 17353 03246 30819 77010 63604 69688 65423
94308 33103 40322 74810 24977 18284 91354 85208 01108 59380
97758 15505 12228 54477 77287 66055 93101 17323 73251 01347
80785 81317 68264 87440 45603 73148 46120 70140 25730 04476
44011 04822 20089 55137 62265 73857 19222 46280 23785 52573
78847 26881 00384 09689 65776 22082 48210 53157 30878 16772
19428 80201 00000

11166 70202 95147 20081 01579

40399 79150 87360 38119 52561 13695 17330 17068 07192 58064
54143 70386 92207 36092 13223 31506 31374 24690 44545 52327
69338 47746 45840 87986 89170 32609 88784 46552 54626 90109
62868 27105 94287 04063 66621 94634 69800 41164 00896 65191
95372 17255 43881 99724 00732 80850 12554 30057 54728 99907
40228 65418 91768 62747 24920 52988 08272 29067 28190 90875
21325 92002 29165 16983 06745 37152 63428 22184 58711 09513
01451 61250 38176 24268 46267 59981 02226 82353 55078 41947
31591 76754 14462 23316 98487 00456 23889 49170 41974 91993
67224 69772 43023 79539 76907 80203 16480 09462 20495 71828
62104 70290 64247 69004 41889 48037 93467 49483 75827 73792
94253 71948 73328 49553 26366 59114 42460 63204 41904 09825

44223 28603 29460 38602 84016 11693 88456 66070 57513 28595
63344 08694 93100 26609 92348 41271 58111 84057 50460 30621
20989 89919 91345 63897 86616 89189 17871 19968 46965 04887
35936 57300 14272 72673 71281 81155 00000

11054/8189/6952 kHz, 22-04, 0700/0710/0720 UTC

11166 70202 96321 22049 00049 00000 00000 00000 00000

11054/8189/6952 kHz, 25-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 25-04, 1200/1210/1220 UTC

11166 70202 95147 22082 02139
19449 22966 14404 38829 12015 32571 30199 26095 36955 36174
21920 49223 55189 40200 05846 85380 06425 87597 93761 53732
62643 94013 17594 57336 31293 32506 96707 38407 25377 52726
77577 95400 42618 45513 00501 35351 20898 88830 73057 59901
62157 36001 54989 08460 41928 32147 84195 06926 46711 69806
98529 95414 06365 19633 33080 33434 13706 97144 97634 05926
48497 51434 63997 78632 48029 86794 17870 76220 91460 53191
54955 81583 90118 66522 26004 79789 00950 44595 60457 95078
05294 69767 23406 94378 20183 14187 85525 55752 34345 88565
10695 25229 86106 00421 90974 10450 25369 32736 83636 84569
26863 78961 29934 98845 46853 95304 60294 27361 40495 56241
15625 92308 82014 24187 39424 43286 54913 69265 20377 89023
04382 00116 90125 04996 69101 91667 05909 65351 34634 20826
72741 72592 75579 46011 84847 83450 78687 91475 91002 54383
64116 22348 13503 55147 47027 21334 75427 23865 06689 03020
15892 62045 55297 26706 97974 92967 23690 93715 39011 31899
06136 40113 17935 41548 31398 60773 39359 71227 52258 25727
59082 03132 70678 74738 00712 54185 40797 01041 18076 06903
16950 60164 83144 67675 38886 64806 04104 75949 71394 51670
03308 12717 40495 31212 09781 81755 33417 56244 45948 62066
54517 70311 13303 54939 54357 21799 06681 74080 74104 54700
11839 82211 00000

11054/8189/6952 kHz, 26-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 26-04, 1200/1210/1220 UTC

11166 70202 21359 25083 01839
21449 15169 22336 67655 49799 03886 44419 88834 00810 41053
23550 64513 47199 52346 73518 65768 29974 45900 25510 76044
78934 08573 78150 85118 01237 42537 49203 91361 11470 09387
64876 91995 01670 73954 47653 66017 74706 65026 88603 79490
89497 95131 15101 67894 91468 06611 89888 75196 26708 36130
02434 54363 63250 14851 38497 58981 67923 46424 38868 80674
12205 30009 83199 12016 05515 20492 59871 39611 79389 43110
07834 97043 70972 04647 41352 32381 79255 68404 93608 69904
92519 85126 40082 70774 10392 97074 87653 22309 08983 57426
40376 10555 22515 32201 77830 55860 39906 76888 07028 16110
39715 04971 73780 87331 11921 90533 44481 56350 39943 72137
94235 85183 41361 50152 62269 31858 90757 94733 60571 37344
73132 06635 46685 33285 41315 98031 96607 50225 75826 85561
38716 31001 70611 12754 34671 79003 93091 44039 18225 95990
91974 97534 27890 89136 51247 08782 94375 52006 13808 42630
68758 49143 23153 95452 02314 58961 56580 54880 13935 54620
48323 09246 06100 27582 26071 23918 15299 83522 09298 26724
07884 65304 42858 69633 57255 82679 64257 58905 63340 53423
28065 83181 00000

11166 70202 45682 25084 02239
63811 95423 99283 48001 65751 85682 68124 53655 69907 29164
15337 20292 63691 39654 68525 54279 95614 18096 99271 22867
23679 38247 70191 83255 29471 60961 25071 27003 08938 31758
95496 06945 75742 41394 22435 38824 38166 54104 16185 94815
35478 33200 03151 31132 44716 18729 32866 16902 93815 36869

43709 56498 42024 45745 10753 22519 13536 47361 24172 41595
95291 20336 71660 00220 34868 53121 23288 62784 99411 82401
42238 19008 81540 66354 69859 02952 63152 47459 58472 50799
73091 84551 50364 89594 99584 58791 26421 74129 43419 83260
72816 14157 22761 70843 39211 59122 65588 40112 86888 32613
50647 63873 50276 33691 82886 90089 60275 47309 14301 89846
02852 31005 46124 12057 11314 70043 73301 49591 15718 18203
57193 46527 97847 66403 37429 01190 25188 06346 18870 44689
62346 81356 94595 99629 83353 41635 90872 48682 33273 46078
45024 67705 12576 77871 52160 03114 82697 66044 41678 98160
16230 30164 69494 97841 40170 90365 36939 87092 45691 09895
72238 41987 62832 62369 35541 98595 23586 40924 33415 69217
61788 51443 53747 60661 23275 57058 57008 74263 84719 66112
84779 92330 04604 80755 71522 80697 54754 48382 70497 62086
05886 83087 29783 39952 65581 49323 79331 77504 92153 24955
14994 61596 32822 85901 90458 06154 59645 79540 53038 74859
01644 79071 84234 27742 96549 36027 31038 21402 10629 73109
38874 84221 00000

11054/8189/6952 kHz, 27-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 27-04, 1200/1210/1220 UTC

11166 70202 65731 26085 02459
18758 63094 98518 29533 04962 63414 84817 75436 61130 50453
15727 32302 75688 67671 90268 78798 34838 85315 30836 57734
81782 40276 01258 60098 05735 24879 69484 32267 46645 54286
63347 48523 26595 67193 92815 16110 43780 39528 37197 04981
90041 15808 20720 19453 77851 87872 24926 53934 87727 75666
11325 99928 71983 89753 52731 96489 75766 80262 96738 41325
61321 01945 09756 04730 46409 50032 75045 13542 92830 46583
43206 97300 05976 82005 58539 13806 31356 41441 09719 96249
59035 70702 78226 89129 71921 61450 82974 65108 98831 60286
44559 40024 58289 31475 17573 28231 03972 27954 64433 05459
07764 50337 69141 71378 41345 98593 14428 29069 42244 46088
70708 23555 75309 90675 70298 06624 25529 62530 65316 20094
83121 93404 92717 14731 06874 76995 94891 46995 76612 75118
69268 20803 70794 49364 45361 66508 30119 22934 12690 74263
93120 02340 48019 23972 14666 13649 15360 79008 03302 32974
37145 35895 38390 15886 60048 47122 52960 55437 63867 59299
93226 23495 86902 33831 90699 75046 66287 42297 07835 20200
16691 53722 43154 93532 95839 55936 06777 75498 30294 78196
02298 45570 99913 07277 75951 71808 04452 14186 18998 66544
60719 33735 34270 62865 03749 64111 02818 91581 90402 78665
11587 63377 28861 67092 28073 85817 82417 48195 32882 69914
21046 21413 46138 05922 19138 49314 08685 13064 22887 88226
03998 92872 35727 09207 31761 40826 95282 76522 69051 95979
40255 75843 80037 33264 90691 09332 60171 28156 90066 99808
25781 48397 82621 85243 00000

11054/8189/6952 kHz, 28-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 28-04, 1200/1210/1220 UTC

11166 70202 95137 27086 01599
58967 50446 95019 51858 21263 96130 43594 41101 27345 66022
91141 72701 71774 05750 04942 53746 18379 51428 25412 60518
94540 44817 60632 04869 91816 80206 39558 94052 33859 87743
47367 01204 97547 82859 91372 88647 98288 36508 70940 51226
75409 45880 49842 71836 38584 10309 54491 06362 61241 42022
46502 40179 31872 66459 42988 83447 99190 91820 83063 97343
72082 52540 63973 68444 60265 56373 95277 73444 66626 89791
44557 01393 67139 61355 73048 25631 39330 87768 84659 42631
25209 52298 36806 19918 39611 90235 86499 20251 59893 81111
70122 94275 57906 52316 40341 58810 60195 23856 08576 02967
47357 48889 66482 89294 28501 29768 84869 42127 51734 14241
13499 40326 36635 01532 30200 56606 39620 12960 12738 10628

88169 06805 31874 28051 44836 42089 89056 22730 86972 20988
47174 44242 13126 64521 27817 57936 12019 01252 73476 49683
55081 73647 98127 72530 98438 91810 74620 77429 05324 89258
32335 95238 24827 60441 63520 62180 87936 86157 00000

11166 70202 14758 27087 01939
36089 49234 42812 49778 04132 19263 65350 41144 37826 89527
13062 98658 05249 51185 70517 64099 84892 19708 05193 00406
94262 71671 20147 98827 44371 10929 53676 20936 68532 06381
36874 30183 98925 68503 45042 92701 89338 56835 03886 52032
07546 35617 36431 07461 45751 19751 61603 50657 22535 78289
80401 40304 74745 87626 10610 19401 62760 51584 55980 04928
37573 30581 20828 04567 43134 47070 05971 40155 52374 59436
46956 82567 60367 21532 80508 27711 83048 70053 50141 68321
34952 06930 86861 41246 84370 68922 25913 54903 09411 01615
45489 26608 03356 79993 38361 84442 02784 42785 52345 13369
36881 32765 60564 50268 21376 60198 47430 57592 45549 31621
21276 30314 25743 11135 89600 15866 23808 06414 57843 51759
53939 96603 37622 50564 26316 44302 75397 86934 01007 58809
37471 66380 50559 02836 12278 80463 54719 59857 15894 78097
75720 04295 11712 07666 87571 41721 80207 09609 57794 11271
99746 64204 05026 67446 24358 24195 80955 83504 69425 86982
49999 43616 41221 86045 65175 15975 71223 06295 63609 24061
41162 53033 30093 58229 09720 29223 02166 94820 76834 00737
15123 14976 46532 54286 10412 40352 74239 77714 55834 27913
09496 87191 00000

11054/8189/6952 kHz, 29-04, 0700/0710/0720 UTC
11166 70202 35648 28035 00049 00000 00000 00000 00000

Link 80214

16351/14367/11483 kHz, 07-04, 1330/1340/1350 UTC
11166 00000 80214 07095 00049 00000 00000 00000 00000
Interesting mistake. Two IDs. 80214 is correct.

16351/14367/11483 kHz, 14-04, 1330/1340/1350 UTC
11166 80214 24685 14037 00049 00000 00000 00000 00000

16351/14367/11483 kHz, 21-04, 1330/1340/1350 UTC
11166 80214 24685 21075 00049 00000 00000 00000 00000

16351/14367/11483 kHz, 28-04, 1330/1340/1350 UTC
11166 80214 96358 28018 00049 00000 00000 00000 00000

F06a – FSK 200/1000

6895/5813/4799 kHz, 01-04, 0500/0515/0530 UTC	File 44421
7425/6823/5350 kHz, 07-04/08-04, 0400/0415/0430 UTC	File 44422
7425/6823/5350 kHz, 14-04/15-04, 0400/0415/0430 UTC	File 04423
7425/6823/5350 kHz, 21-04/22-04, 0400/0415/0430 UTC	File 44424
7425/6823/5350 kHz, 28-04/29-04, 0400/0415/0430 UTC	File 04425
17529/13925/11523 kHz, 24-04, 2100/2115/2130 UTC	File 04418
17529/13925/11523 kHz, 30-04, 2100/2115/2130 UTC	File 04419

13368/12168/11168 kHz, 1210/1230/1250 UTC

13368/12168/11168 kHz, 01-04, 1210/1230/1250 UTC

311 311 311 1 311 311 311 1 311 311 311 1
00766 00238 91636 34523 83739 69636 97889 08486 08716 24959
27379 18038 88600 91739 35417 18249 64309 11512 89903 82470
79818 20407 52161 59624 37895 92289 91725 58367 25567 63031
46821 27431 44326 85419 23587 22746 24636 87123 59058 46346
62215 70510 43018 13665 53176 85193 04019 00314 90186 61801
57610 40209 91922 66454 58916 16164 08543 49279 59288 49004
65235 12349 67948 65665 37028 21363 99613 72153 19170 78935
97768 48392 29045 13062 14455 02171 59776 11192 14823 72076
88963 59159 58092 02476 52619 65116 06459 81317 29175 06004
47862 18625 07821 99519 78783 43555 31632 18175 62887 08570
09686 38474 75224 34238 02414 24339 11660 19288 74393 18182
84472 16443 38820 69233 61316 70505 78813 27964 68631 95071
68157 98542 49559 37988 76990 41468 26789 70249 08687 55164
91576 22853 75112 01668 06702 75043 54879 54822 67969 56127
72446 01015 60151 44371 03448 28170 82587 12536 19968 82530
05520 62277 95821 36572 18844 22097 97617 53975 70917 42566
72611 77783 04558 51116 47751 91672 91468 09910 90415 83304
57945 75626 54421 68299 78051 70536 16110 22047 21528 42491
66286 50263 99309 55458 30433 18886 97439 04929 16579 31741
35683 59606 02096 46539 44895 44166 33402 94206 81597 43557
66531 16351 29317 88589 65441 50307 02941 20143 89380 29090
43754 17346 42523 10872 00529 57107 34602 07020 42139 36992
16552 77308 62274 53446 77478 25616 80567 28934 42259 22311
78735 85226 55807 49366 36068 94375 90350 12149 11417 89100
60432

13368/12168/11168 kHz, 06-04/08-04, 1210/1230/1250 UTC

311 311 311 1 311 311 311 1 311 311 311 1
00939 00238 39993 08873 57561 48519 46143 33967 90015 82080
20735 45513 20704 06469 46132 81244 55885 99921 81871 30972
26534 57346 26236 95173 48178 49004 85696 41111 00034 20203
35598 49808 13077 55467 43777 67567 71450 52009 80460 13773
87092 52214 53550 76482 38800 99924 83819 94123 48055 63132
42429 17148 48833 74220 75636 86776 28913 63025 91930 55195
93026 57184 20965 22098 54697 85083 04425 75937 92003 43210
16678 43319 23145 62766 51422 90637 69929 61554 56518 25647
58689 64363 62481 00586 33536 24139 46833 53669 75682 97674
55153 56689 62606 27968 89610 83104 45200 88562 65973 27703
43586 26902 95016 71831 05905 47612 29316 08393 91495 15782
71036 81797 72291 40303 82997 81092 69043 09830 99280 31945
47714 22354 89384 48521 71473 33509 53931 98829 32050 80706
83317 48267 74235 15915 54037 33876 28107 16025 87861 87945
97811 15177 14161 89370 31656 29911 43632 37576 75102 01114
15406 35961 61332 31326 98623 83714 93912 06020 97364 46336
10485 39520 59061 88162 65863 35633 52347 70095 71262 94515
53222 62209 52086 87231 34936 58451 84106 84720 08496 92687
37130 36578 64019 71745 66648 88294 15328 27053 76240 72860
38560 94262 21970 39680 27712 29931 04569 98364 84757 52847
94313 25116 78101 75827 21183 50259 96478 48408 91289 59684
28815 13059 94239 41918 95427 77838 98578 68963 56240 04632
90114 22345 53791 95950 67682 12462 61334 50095 34057 66052
95296 73930 22436 70820 62299 49350 38776 11661 26617 32292
01151

13368/12168/11168 kHz, 13-04/15-04/20-04/22-04, 1210/1230/1250 UTC

311 311 311 1 311 311 311 1 311 311 311 1
02478 00082 06734 83633 34616 35021 11911 10493 66113 66351
71681 86970 85381 04093 43852 98274 90484 96388 03522 15859
13669 15362 11624 10038 29348 71996 30057 30612 59021 00285
91749 67037 81967 06177 05009 73453 39559 85408 54311 07362
87378 60077 23850 24905 68807 78470 17611 46802 47022 68192
11985 24916 53848 98959 12468 82431 47337 05994 70526 56390
89173 33979 32012 04774 99177 75396 56158 25376 72517 07248
48048 83875 42790 11944 43106 34751 24361 45832 90933 42651
96331 71069 36414 24392 45767

13368/12168/11168 kHz, 27-04/28-04, 1210/1230/1250 UTC

311 311 311 1 311 311 311 1 311 311 311 1
08278 00112 77471 42035 68890 31214 62926 83606 59047 84559
39583 64055 03195 47740 26324 65543 08130 15805 61938 63746
96398 80198 26552 16738 23030 59915 16051 08190 92800 07567
76138 31837 48099 13822 92964 51091 94651 54773 18113 81633
60675 86112 93183 02168 49436 87602 07323 62705 46947 42061
60265 04439 24866 04203 76078 30258 79264 30802 50247 89111
36777 86630 00367 79673 75033 73501 85254 65700 09950 78153
97219 59560 67953 05138 76699 81175 64545 69010 87705 50424
66511 91951 87266 64505 16384 24085 57759 76155 54390 56385
32266 77869 36843 08241 78225 31076 10748 40763 69396 76397
61105 59337 94168 78480 02469 59231 48158 98748 34620 18481
13235 26577 99019 54617 10673

10428/11431/13441 kHz, 0710/0730/0750 UTC
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10428/11431/13441 kHz, 05-04/07-04, 0710/0730/0750 UTC

486 486 486 1 486 486 486 1 486 486 486 1
00641 00190 22265 76786 38541 23418 09608 26932 58757 42149
67247 59719 17724 30985 71099 45925 34753 15906 44029 79348
22752 98738 13839 86942 81678 67445 85409 93351 57472 04595
22075 90484 08555 13594 98516 84696 91961 06766 56003 88640
87199 09392 26906 43806 69404 60333 15205 13960 61083 59018
33984 69593 89256 54066 02455 59635 89714 50152 42419 69065
19509 84550 61395 19905 34959 82215 35736 16418 45823 25853
61370 15979 00330 59895 58943 28487 71563 04789 85496 70217
28087 29188 86420 71711 04066 95648 78864 60811 24337 81568
64044 65522 17448 29272 99424 27990 54004 55774 18810 00564
36836 67558 62896 19082 48070 79624 62912 58331 21175 41064
64799 93511 75072 62211 64081 72743 00945 06364 52217 02613
91215 84924 58710 20511 75978 67141 06559 49313 80127 76344
12852 83378 27969 57729 00566 46230 63746 70952 22979 03019
62243 79111 67980 62799 61593 97528 63773 54534 44048 73036
42315 64729 39139 04152 16438 57461 33593 97998 51899 31763
73480 90435 26670 28451 06938 27415 21484 68820 46510 79910
71942 19990 84573 39789 20099 31692 06358 02992 43259 46601
42590 47672 55267 45784 42676 24455 01349 25637 83826 12730
24645 19547 15353

10428/11431/13441 kHz, 12-04/14-04/19-04/21-04, 0710/0730/0750 UTC

486 486 486 1 486 486 486 1 486 486 486 1
00701 00136 55684 88330 16275 76027 93507 17302 79984 57776
22176 36035 51586 26206 48814 44248 75917 01616 29941 13052
85265 30747 12487 73087 77193 58826 41452 76660 45253 04753
37337 76199 39360 85531 99627 30518 20276 15571 69747 29494
15739 23255 96876 60659 58520 51674 43815 53808 26639 36478
03083 41540 51231 96773 35268 33507 76958 44641 35999 05303
28959 78513 19005 43805 09384 77659 66184 02081 48772 05768
16736 62214 40167 85613 50943 93210 83460 43981 74567 30636
30654 27905 51792 29063 88659 66032 68097 14140 08140 00459

08124 54897 98038 89662 90661 02417 91201 61337 14913 17834
17883 34794 69169 45293 69366 13055 33909 46332 63965 90945
39250 75065 03605 74436 90159 34844 54859 31743 59785 34996
44229 39192 70899 23489 62810 55024 82176 54776 39791 66050
08542 30801 18436 87600 10818 61898 35226 47459 10037

10428/11431/13441 kHz, 26-04/28-04, 0710/0730/0750 UTC

486 486 486 1 486 486 486 1 486 486 486 1
02087 00152 01555 93723 83417 81871 67762 55292 04204 91352
26112 80582 45565 26422 51166 98311 58201 45844 64130 95246
01737 69072 94299 01786 37985 67316 00010 57515 39385 24184
47547 99355 19401 24453 94148 48078 13056 36262 55390 70028
32945 66953 79236 07925 91493 37371 05718 43783 95720 19743
89838 72824 44717 33704 57529 88931 61954 93341 96200 23975
23175 78989 80173 46253 47181 59477 89374 37834 90593 19413
33319 59260 89918 99380 42525 54678 35208 18902 83727 48383
31213 34057 03085 31520 25957 52086 36888 31037 79566 71386
65358 29338 22155 75348 80206 54324 45695 28587 66938 77768
93457 04141 74604 24468 11827 33882 75687 04077 29831 99058
32883 42806 10100 32268 48531 85949 18174 75651 59732 99160
10962 78668 98524 26906 52596 32752 49806 89706 70392 39608
52200 27382 60885 37120 07415 77156 29368 14843 48959 35516
50751 95155 45386 23642 64334 47313 58679 87742 99793 95813
99136 85862 36883 38821 21104

XPA2

16341/14841/13941 kHz, 1100/1120/1140 UTC

16341/14841/13941 kHz, 01-04, 1100/1120/1140 UTC

03862 00151 20046 53404 73905 59190 00184 04608 36966 22397
94279 81319 81030 78417 08996 66425 78195 35934 58431 45381
69557 38019 53288 06977 48933 18727 50541 15188 29822 58094
84304 61455 51556 67436 07875 21318 70221 89506 76633 37211
43864 09970 97342 10030 24424 89329 42688 50384 39241 06718
84929 31301 64024 91192 28351 55466 47699 85721 32429 13888
13951 39066 82454 84078 85480 34489 49729 43445 46675 16773
64332 19519 50219 02711 42892 25125 58236 84215 19149 28493
22189 05642 52110 27819 32238 65342 94799 07288 09406 84935
82132 51627 97288 76007 80670 36494 40219 18287 28651 22380
84178 38472 38262 51829 33663 95357 85197 28641 40758 32399
57965 75045 91907 54282 12302 63971 06433 24084 45914 35583
58191 21477 28289 30195 08845 42798 60456 40133 58623 97945
37323 78062 22343 15563 71381 15824 86143 23676 42587 27313
74323 61713 74741 82636 12735 58899 75072 16728 66312 06977
73584 00243 54003 66166

16341/14841/13941 kHz, 19-04, 1100/1120/1140 UTC

06523 00001 00000 35260

16341/14841/13941 kHz, 22-04, 1100/1120/1140 UTC

09306 00001 00000 35661

16341/14841/13941 kHz, 26-04/28-04, 1100/1120/1140 UTC

00797 00142 72243 07554 54781 80609 56341 43284 62788 30311
51269 13007 90044 41986 95609 22568 65944 10686 88323 79460
22066 09369 24693 06174 13005 28218 22462 74713 85587 45138
61927 29101 04452 38522 28803 54531 81651 40341 58180 88001
73688 19411 89804 75432 32320 01757 74279 02921 74120 96359
58793 35796 60058 50852 44509 87890 38203 58628 91409 16200
08517 78118 78683 97320 88415 79476 02635 43407 99575 25643

23801 02205 91392 41795 21937 64282 82578 19781 03222 84147
51045 84505 24468 08028 97649 99419 29054 18758 46011 21248
75084 39392 16650 16369 26894 74339 70769 87426 82425 82164
04533 22302 49524 24806 26194 02805 73364 83615 95611 28739
51282 90112 77667 20865 25289 24425 37617 21322 27785 69543
42975 44511 99153 10042 61213 33970 34920 53157 62303 51754
09782 94150 94603 15050 00579 67821 93232 91253 49899 34018
24523 78483 43519 02952 71274

14377/14977/15977 kHz, 1200/1220/1240 UTC

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

08698 00096 49041 75640 51868 53466 18774 04646 36866 06934
91627 39385 85062 84449 36794 35749 27104 75839 43987 38665
57081 52131 44351 36399 86769 24300 31755 32756 96086 17661
62876 35285 50613 66829 61385 55264 67259 81627 70516 55889
09628 35296 22102 19167 83735 82066 69362 12461 54372 44435
70196 76655 94821 68871 64589 74550 24726 87642 35697 94322
26592 19757 27468 43797 07528 18023 92495 13880 43913 34964
23320 14327 14685 97392 16235 40044 88095 42343 58742 49039
00634 62416 02038 32352 55269 26127 44393 84263 58730 19634
23551 75680 81775 88296 57472 82914 72112 51509 04207

14377/14977/15977 kHz, 06-04/08-04, 1200/1220/1240 UTC

00618 00146 38824 55200 69718 72846 35174 40015 14118 96886
55656 08020 87398 18722 53489 91298 66867 90585 03536 75766
46818 54749 69286 23542 25073 78851 54938 28434 64071 12207
69834 35010 64289 23061 76720 06602 28811 43704 90689 64988
25328 05288 74564 99992 18572 84046 93736 29677 85952 21710
35330 23025 26248 36104 00737 11706 79588 73105 55338 13485
48924 87891 37027 15553 49783 76531 59036 77498 62864 59949
24091 79077 43872 64383 37996 73911 13030 71763 51992 67334
79839 55426 53556 65433 12784 51012 72043 42492 76059 63392
45084 91855 90450 51575 83351 53693 13841 39518 61140 72048
28948 02207 80196 70311 63214 82465 21304 18847 99161 34927
37317 87058 56445 81394 93793 07268 86470 89220 66673 14319
27727 41602 81333 04949 70607 48552 88931 79700 84053 69634
19051 29548 60680 41772 01699 99419 25422 09027 53652 08861
80703 40803 74873 82750 04812 97485 37186 89368 32526

14377/14977/15977 kHz, 13-04/15-04, 1200/1220/1240 UTC

08992 00124 67951 31731 26021 32857 80013 22398 13699 93310
68603 63551 60728 77052 17486 07818 54644 00472 32720 84523
57140 72793 61880 06386 84616 99215 97545 60191 37084 35869
58699 73748 44019 04358 42097 18484 01787 35862 22431 22640
81441 66805 06442 74203 79312 72830 48716 79795 73653 91121
75075 33852 74520 27941 14469 69805 98877 53821 51714 33205
76055 18176 46389 84219 42810 44407 21223 47416 07945 74685
54380 33823 50778 26225 04240 09157 89748 99616 66457 79793
06536 26772 69164 59263 67097 32415 89138 85355 86786 95295
48033 36064 59201 70625 71011 71808 44719 67439 47227 50898
76142 98900 39304 57404 60300 98762 34746 56064 81724 79501
12599 69717 91124 14617 90975 62716 38673 66421 18366 30084
18682 44704 26215 22683 94734 27720 33763

14377/14977/15977 kHz, 20-04/22-04, 1200/1220/1240 UTC

07563 00086 82298 95740 19863 55086 19808 61969 26386 86003
77043 74425 28752 15577 68816 72653 77511 28712 81970 59741
77826 29115 46212 52849 76272 84371 23832 87223 35124 85690
26685 54885 59932 44939 41613 36578 01797 82820 79991 68252
86965 19983 83980 91758 79307 61563 41745 37524 06740 22652
30276 48710 19978 03572 18765 42120 15700 95403 62041 59388
55905 63133 91506 38857 09397 47578 97733 70181 80359 35961

70687 33734 48961 44551 80254 61783 50443 42582 30250 61938
54338 28697 53321 70277 57132 74171 33396 53599 65156

14377/14977/15977 kHz, 27-04/28-04, 1200/1220/1240 UTC

05813 00078 15642 39766 52761 69611 70181 44038 64454 36449
74177 17329 31286 79369 67687 88926 63293 89775 51281 79543
30423 22624 25210 44589 14215 36945 14670 50148 30243 70168
90954 81255 68254 38762 17959 84815 30222 15180 01380 52427
82770 05974 64352 17007 64815 11056 20868 65507 02813 59237
72796 30445 50768 26508 14497 36546 43323 48803 51817 72434
65461 25626 22218 59886 57525 06335 70733 43376 95224 31456
18255 32193 48186 88099 34519 67982 09966 16823 21617 21385
16027

15859/14659/13459 kHz, 0910/0930/0950 UTC

15859/14659/13459 kHz, 02-04, 0910/0930/0950 UTC

00499 00095 90414 90479 32525 96007 43335 73758 27643 62511
44660 25925 03117 69832 35297 78552 04627 59795 90762 77137
91513 42022 06108 00338 48695 04007 60337 44277 52806 92552
80641 33364 42713 00585 59705 32866 14627 24259 87751 24169
41944 20051 15211 94650 73961 46477 60071 47758 17701 58398
03098 31883 22680 13066 99590 49445 73209 09088 05561 40407
43881 47869 86334 52270 92222 53922 43775 64443 87820 40718
58682 54492 72708 85556 33703 44600 83111 97610 21938 07755
92285 28615 26660 55463 59858 68083 58842 53775 02223 16391
37782 79665 92211 44770 37516 23600 28476 32816 46203 41197
00619 40773 11782 65880 17547 16555 11209 44395 37768 52093
55424 05773 11327 11015 95511 87405 65411 48733 42778 22714
66622 91314 30326 80334 44255 49681 61338 99522 60038 46378
75406 49995 88750 95461 11700 99856 37778 44255 01313 20525
53068 00889 27199 02008 88473 62704 63889 55605 44932 92929
11375 18113 30650 92533 88626 77809 69300 28577 54933 11936
58506 91190 88381 75581 04135 90985 85221 92982 94473 54044
86281 44497 84742 91116 15480 64449 38624 88220 44827 88693
76220 04177 76677 40906 16677 40248 87033 94884 62111 13965
98216 36424 98690 87397 74403 48042 05366 00055

15859/14659/13459 kHz, 07-04/09-04, 0910/0930/0950 UTC

00500 00195 08579 22290 47959 30083 57102 31276 99273 97632
83694 76481 94354 13698 15443 38110 55130 91100 35688 61052
13760 93322 87278 78784 61708 38734 89450 86048 36156 77365
62996 16850 87293 55168 68569 60461 52990 18687 95918 16605
56448 46267 03090 53908 34497 53403 17904 38080 13621 36772
11785 99299 55308 92987 33260 02312 45639 36492 23008 31534
31977 48682 04430 51588 00425 00414 92324 76857 83007 30663
00788 63282 66849 31055 30603 92009 87000 05647 03588 72033
53782 52039 87019 15579 40407 87474 74138 21650 63900 14806
64071 95956 80032 29163 82889 42379 72887 50947 73251 65448
75957 53067 00128 83112 00630 67378 22365 31088 22300 63260
74503 00444 82860 85186 15158 84474 63799 85650 85078 74007
80650 53277 82630 28463 61878 33304 38026 85026 80019 32620
72579 32666 34788 13074 12777 95502 68183 48520 72584 45500
55957 03348 83258 00774 78877 88327 02356 85873 48857 88286
30887 68568 65611 87132 33512 64322 38130 88602 23479 12004
72909 50153 30306 86869 78040 14877 06207 12383 83727 16765
72417 73307 37029 21865 85161 08324 00213 83874 17524 37475
24881 26327 41644 25789 35168 70003 12636 96368 92275 09058
96958 04928 93461 02608 96061 58615 78017 51773

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

06123 00001 00000 33260

15859/14659/13459 kHz, 21-04/22-04/28-04/30-04, 0910/0930/0950 UTC

00247 00055 44884 11848 11982 80998 72868 53445 65993 67747
97133 03593 48103 31744 95415 93833 60556 26871 20864 07303
44169 26426 90978 13292 47003 52257 80763 60704 51594 62423
73642 46446 64146 78370 69961 06496 17604 73918 63134 79426
71538 18866 03866 31863 08083 48078 52008 94179 51273 23714
32190 81763 03727 41239 89108 35000 68698 67472

15881/14481/13381 kHz, 1500/1520/1540 UTC**15881/14481/13381 kHz, 02-04, 1500/1520/1540 UTC**

02169 00203 02509 29194 80223 49163 91973 40313 93392 07301
23254 40778 23180 81405 37588 74443 08771 62003 71592 09366
48189 57284 06128 99160 61686 97235 87687 26036 69046 53954
51499 79703 79504 25285 99433 23508 87701 78514 54061 80542
61198 93305 08945 17646 89880 90668 07659 03638 09908 76414
59627 82106 54809 32427 26200 35131 41500 03574 55483 89835
28469 32856 10691 77486 42046 28848 85583 11748 47864 66686
76435 76071 26342 95716 88456 66585 83841 92530 52718 96137
12130 73640 02026 89014 96824 35928 67717 99748 12216 16889
24479 83656 40154 11934 85587 96124 67012 31323 96840 56343
82243 21756 57516 84808 18459 65734 11801 17651 82486 32215
53502 14827 98561 60791 97442 78060 68855 05616 28264 56621
43096 98104 70887 12077 42650 16747 30982 26362 75431 46734
55224 25482 28376 64840 62568 11427 66289 29114 95900 34646
45540 46356 66415 40396 75724 54926 66506 91683 03695 32049
06660 68183 28023 32799 36322 23900 16900 15060 29186 68816
35339 84060 31291 01144 00799 19441 47954 89271 58773 28748
52915 11495 14014 49591 08010 44886 10718 04724 18970 48181
94312 93830 67583 87924 39499 59697 64033 12777 69077 22681
15679 32391 31517 17979 82830 62194 47817 26263 92853 84278
06354 19196 66944 12209 69369 25170

15881/14481/13381 kHz, 09-04, 1500/1520/1540 UTC

07904 00001 00000 37657

15881/14481/13381 kHz, 11-04/16-04, 1500/1520/1540 UTC

04110 00252 81805 27774 99282 93719 76995 15563 42912 73531
51056 16447 73368 34117 13813 19076 65581 03519 00790 21515
10126 63553 64013 27510 02629 67269 00469 50680 98190 90917
63197 85246 28444 79797 84161 99091 58178 31918 10748 83198
92402 63754 23393 87908 52875 28891 95230 24548 87398 88743
26339 99065 76804 62150 67426 43077 39692 10382 73434 84416
48613 02667 71092 58584 41456 64758 82748 90671 01126 81916
45618 98034 19296 30684 76049 19226 34791 65487 00840 80903
93655 76325 35815 68973 84107 82757 75812 40218 76256 96919
12690 51763 74978 81652 00445 81752 41398 28489 06518 22878
36950 94607 21873 93635 24635 90913 46754 87905 76821 07960
64857 59455 40233 88671 07440 12694 58408 07343 62060 68971
21807 82197 00204 44299 47854 04783 78193 07620 71467 99612
26946 00596 71492 66949 08497 56252 65989 73998 47894 51478
50687 56663 00147 47402 30300 94262 21633 88252 69615 27474
62317 24151 73622 85916 90418 98163 56126 36720 11792 99865
68225 34622 09549 76713 67189 16513 12326 02558 58053 50798
47826 62445 77780 45861 64025 49142 77379 18733 39763 96115
67084 86799 52093 60465 23017 77134 46857 61695 51108 06571
73121 26760 24001 39207 17940 82155 43951 04344 57559 55933
63885 47731 73758 01390 67353 31896 53003 27729 06301 67570
12809 74387 77672 16411 93198 37258 20791 09742 86278 52403
73946 58853 07178 99427 89865 40660 58926 33271 29247 09813
95831 57494 72518 48252 04989 82921 98436 40560 49364 90101
12112 13460 09060 99797 46840 26861 16215 92390 14688 83203
94002 78938 85845 76513 74400

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

05997 00001 00000 41266

15881/14481/13381 kHz, 23-04, 1500/1520/1540 UTC

06265 00001 00000 34664

15881/14481/13381 kHz, 25-04/30-04, 1500/1520/1540 UTC

05305 00346 39322 78669 91682 38816 33042 50716 70496 81802
42509 83072 38857 05970 56417 04307 05068 66478 09952 72769
10429 23823 67024 13112 60397 27309 17527 94027 18763 77118
60920 72485 45620 80751 95067 96024 82473 29249 61419 53980
27667 11976 96136 41156 72301 70377 75921 11557 94916 88967
24467 09274 68203 54121 98954 55171 51610 28037 72704 19288
28844 63657 14563 60246 60260 17047 39878 24073 69919 61234
60537 65543 52019 72646 42290 12892 03543 76975 71655 38258
39180 73189 07184 96302 27576 89812 76166 04985 56697 18743
38226 85469 02287 54646 28562 45113 70870 36831 53682 49341
24679 89173 79005 71409 30743 58886 14566 33201 59572 42730
42501 89342 39384 23063 86665 44357 00042 86333 86146 09694
11991 32434 28611 44198 24715 63793 63241 01293 83426 32278
67409 67779 43276 43733 52132 74352 04965 47317 78500 73790
68259 15768 60331 03899 18209 89585 07442 24439 75256 06687
78530 90960 54779 59394 23034 64089 25211 12510 83675 13645
78360 44540 82615 07225 42312 18487 77855 97511 29672 16972
26097 85635 90397 44304 24971 07923 75071 15331 65332 44923
83167 04757 36651 22426 50303 33672 61572 45543 74852 37522
15359 28360 34440 73794 44916 63195 67002 44226 49596 24845
52389 26468 24824 70462 97429 20983 72228 98388 47788 62833
89850 68123 50803 31911 49931 86824 64035 92650 51744 17301
97599 17832 26972 18419 58615 46377 26018 95938 64673 85361
90708 77693 29596 43484 01333 52966 65549 91387 64630 31548
55385 88294 82540 63718 38297 01451 13284 00264 74601 12223
91929 76527 22663 95287 31833 25975 38378 84809 19694 27105
10483 52602 90779 39784 67757 03515 54661 72058 16051 97317
32018 81758 60808 45923 11878 81869 28655 27997 70487 12653
96397 40715 13883 03439 93924 58271 58436 90175 47748 28131
93513 32325 73760 29347 86781 47935 92447 62340 43373 01638
66727 15417 75651 62953 95053 18936 44631 77084 43780 95900
70944 14886 29245 54758 73180 76606 12743 88668 10439 14795
97247 56248 17821 15467 42126 15336 78216 03707 95268 64329
15510 61155 49926 82631 72530 05423 09039 83075 21612 94524
50578 22596 15398 93474 53610 87207 20758 74646 31475

14442/15842/16342 kHz, 1200/1220/1240 UTC**14442/15842/16342 kHz, 03-04, 1200/1220/1240 UTC**

00867 00096 23437 60138 86111 77567 50669 06828 26362 34564
40708 37053 12588 99642 61746 09900 93489 04644 52782 06658
81301 09609 53895 56126 98104 13720 79463 42993 62989 44719
41545 80741 57683 57784 46123 32545 59925 81377 83305 13178
75872 48589 92295 61588 54465 48250 41235 07475 21620 08044
36400 85890 80159 01618 01350 33095 18255 35803 40413 96645
02647 97959 05532 69689 54861 44826 20325 93627 23108 32605
75790 84345 00903 82800 06084 27517 08553 76255 60562 85521
17184 36962 83412 76770 65884 77322 36318 75110 89757 77876
84040 18563 98718 73893 04357 18885 35946 42154 76544

14442/15842/16342 kHz, 05-04/10-04, 1200/1220/1240 UTC

05829 00096 18108 97119 98060 62026 94939 24001 43292 40979
02853 03735 66377 66464 71154 95075 08239 32575 06965 98390
95390 52469 66736 17782 64097 33443 56872 90537 77896 82593
99666 11408 96471 44503 96089 40203 16863 30904 78585 77026
33082 72891 07949 53391 33442 49926 76446 11714 94368 23393

37198 87968 54984 91579 92499 25648 92993 87036 82601 11414
73322 42776 47811 71313 79036 69506 55038 53295 53272 85977
97387 60603 89993 20621 64507 94633 08993 88946 77815 01075
82437 43788 26575 34291 03098 76480 97915 52902 19040 25752
54023 19690 56485 25087 99177 52828 97518 21985 01746

14442/15842/16342 kHz, 12-04/17-04, 1200/1220/1240 UTC

01923 00140 73534 60555 27550 91056 01218 34874 36890 51776
63678 45918 72451 93909 83257 65253 93705 40163 94596 21588
27732 77259 11800 94156 73197 99126 17537 72589 66197 79738
16905 74233 64246 48720 84942 05742 51972 85141 66103 66168
07585 73244 80223 90163 66580 03082 26248 00530 50377 25405
48496 50280 26707 38234 24057 53668 21781 68268 66247 92472
87306 71370 96314 96611 02600 34706 60768 97029 64928 99878
74523 09061 81172 58520 25600 33825 65902 44147 31161 99272
00767 78241 38343 68079 75004 49994 97788 73729 67758 77037
61861 52689 21285 55222 39711 53290 48506 51564 16052 53069
98889 52521 42161 71346 12982 57373 43056 33350 27633 55863
78953 92806 08837 78521 97539 67408 49638 65762 15726 30593
21478 07842 81352 55828 17401 22195 74624 26010 40845 25336
56076 97784 75477 31548 11648 58931 68712 38937 34371 99867
79324 53626 27451

14442/15842/16342 kHz, 19-04/24-04, 1200/1220/1240 UTC

09446 00118 71572 60698 34279 05020 20137 82005 44528 23365
81873 34988 58823 43308 34188 30273 78247 01761 53034 11756
56859 38862 86226 55677 06172 53291 56362 92156 86305 11291
05273 32632 61903 56579 16437 58805 32460 81310 91599 30129
96608 25417 02864 60918 85887 76934 88536 87890 08553 00683
95509 28462 32975 67972 17863 04186 20986 71970 64352 25580
01353 50350 08587 44289 02244 23061 82868 58717 80838 58220
95774 50624 33420 75356 43941 47247 97072 72860 45160 54013
86558 66627 82887 73028 91323 65330 67025 90625 22842 96526
69343 47542 67451 20602 53968 38549 79768 55835 90279 87636
35214 61343 55180 52279 77822 50940 80040 25225 28370 74316
90881 19456 84079 55562 65587 83886 13632 08389 50641 07490
44256

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

02701 00042 39737 42286 53266 82338 09997 38543 30317 82195
75382 84119 54996 77487 08251 88581 55394 65075 63713 03025
57362 95830 42898 53361 79566 95897 61256 08863 82653 34471
51201 22859 38671 54059 93005 35792 87392 88025 68727 46043
78299 60088 33098 93252 40677

11409/12209/13409 kHz, 0700/0720/0740 UTC
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11409/12209/13409 kHz, 04-04/06-04, 0700/0720/0740 UTC

00858 00154 40502 58728 95822 24846 61228 15312 87418 33154
81726 65566 14008 72330 53296 94933 31316 28895 42205 91980
85425 41375 61774 99618 55042 65358 35960 52034 97971 49172
16965 54436 46607 09064 22041 44463 45795 35733 44183 93536
50452 48098 10009 10971 96184 53138 43326 56518 40508 11962
26325 44654 18778 81602 68726 91624 02098 83984 16932 88201
24272 13102 23885 42369 85465 92789 08557 00806 89162 63385
88196 43786 25784 02759 63319 23802 48161 46783 39853 80259
36544 73565 16021 97309 60193 25254 96663 62142 67030 65545
10100 22468 07011 15858 72484 09802 54894 08220 32110 73873
18654 77549 82737 87149 76131 88120 49854 74153 34134 56018
03073 21242 71469 45022 95918 23001 82394 09318 87496 73164
24000 26051 04034 30958 58940 74435 41718 33862 35635 45021
79802 07823 87243 21609 95286 60524 62683 24618 65909 58844
63099 60599 11186 99053 23489 20118 18998 33350 87227 89091
11049 61046 03588 57885 88705 18672 74063

11409/12209/13409 kHz, 11-04/13-04/18-04/20-04, 0700/0720/0740 UTC

04578 00140 59257 68221 01930 75053 58426 13306 03097 35645
72625 77542 74015 91073 28763 99586 85498 23747 65349 05876
32740 46243 69508 32405 90551 55440 11290 70289 43866 24375
22073 31938 77789 47416 73956 73968 79373 61932 63534 33993
75060 86276 42262 23766 87482 18155 55022 04628 63544 47624
78710 25761 90701 39349 55516 94045 92444 71036 49441 06028
50347 88177 66365 11425 11768 82324 93298 69520 94300 08513
61289 60219 93628 02474 65581 27412 51103 35663 91847 46544
49733 99754 54957 76219 86260 30037 51685 06925 86402 43117
50072 23819 08146 77086 73949 09338 55492 43352 62129 60429
81696 85869 40155 38967 60857 26478 02992 09860 89381 65588
79973 98296 36718 25785 87813 10202 34820 24424 32274 67118
80015 90393 35047 76081 67824 91011 45894 02669 70270 73607
88597 64649 32575 16044 26906 94807 43964 97380 11416 11308
34304 77931 30007

11409/12209/13409 kHz, 25-04/27-04, 0700/0720/0740 UTC

02624 00188 00613 55904 92462 43138 48670 47525 75760 14410
32800 14702 46010 14504 37522 20642 93013 89996 73619 97134
61932 25670 42737 88696 70685 48994 40448 97175 46204 91119
06700 60915 12376 20667 95842 79487 80303 94147 79853 97118
36013 98312 34819 97712 71362 28780 92546 38285 28390 29712
35341 42531 86786 12207 32901 66460 41211 27399 05061 66240
27462 37469 83465 21474 04560 61178 75251 17484 86514 32810
05179 84679 21695 90008 95674 29273 73809 34910 70476 93076
88169 92891 24367 84826 42944 78145 16071 31423 07057 02845
67432 10762 93630 11883 95919 74006 68274 89262 47158 65519
46868 49373 13674 32355 96516 79192 06145 87607 74097 00991
58314 95100 27659 65206 95416 84630 65609 52442 46478 09925
28788 67568 54567 88064 47118 86824 24409 45138 06692 59549
63414 91812 43396 75969 51595 69309 16246 74175 57849 39901
74991 76462 07216 75299 77028 91733 45602 97961 37595 49913
83922 46854 98975 95658 12395 72618 81186 30285 59203 56034
47930 52992 72708 42208 47237 61107 18094 97448 52763 83606
17003 60525 22293 04662 16895 31265 16294 53192 37797 26463
11405 34069 36453 49248 70969 91713 51986 70313 30942 29709
34416

18038/17474/16286 kHz, 0910/0930/0950 UTC

18038/17474/16286 kHz, 04-04/06-04//11-04/13-04, 0910/0930/0950 UTC

00544 00198 20665 34520 68771 23513 61051 67871 86442 07024
97032 49756 34678 29208 58609 85506 00263 86252 61728 11380
22636 20243 95447 65052 24320 56568 15089 32642 20170 21455
50693 67869 21356 90563 40908 67139 94371 44332 07688 23757
55490 55021 50647 52703 93817 71851 26624 10053 16178 02561
62844 10071 56332 19963 49294 43093 87143 35626 47000 79247
26140 76238 20229 70800 05344 40115 67382 14908 18479 53090
35107 49646 98771 32873 37353 43561 68246 04633 72208 41539
97486 70680 02026 95590 60261 45979 21281 19809 25656 41097
86569 86561 59237 94148 20388 36356 71263 82177 73408 81426
01830 43394 36624 93780 68182 50916 50914 76448 22861 44859
62347 83646 59207 67793 12655 89110 13720 81768 41113 61944
37008 43867 24884 26481 04274 52838 60317 68947 80768 22159
50624 58498 72147 53104 14203 70558 92340 47424 11257 69913
42304 06360 05944 24431 88345 80378 70651 13335 25628 04784
75401 84993 79085 51122 39867 59278 98315 24770 92644 08555
08540 44700 59720 57315 43077 63496 42662 35029 60951 89481
69971 40501 27954 66591 02387 10578 61639 73210 97086 78976
38436 60580 89097 83703 77981 47333 49602 94857 87899 47292
22309 07212 34495 25132 24920 18154 20623 13158 41488 57050
26235

18038/17474/16286 kHz, 18-04/20-04/25-04/27-04, 0910/0930/0950 UTC

00757 00065 50491 14187 81983 92838 80117 93791 30270 03272
84254 39639 94962 29880 18068 13072 05115 41467 79727 47126
38557 91627 27149 23891 45541 27498 19908 86904 52977 59922
73603 77785 83356 76168 62267 01596 19185 31470 38825 12359
79541 07028 58672 46004 26015 28709 30306 36435 76760 78599
84966 19621 97182 35872 82669 28700 82031 10759 36010 56692
68112 97952 41451 54674 06642 56493 47386 30546

15881/14481/13381 kHz, 1500/1520/1540 UTC

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

07338 00001 00000 36662

16341/14841/13941 kHz, 1100/1120/1140 UTC

16341/14841/13941 kHz, 05-04/08-04/12-04/15-04, 1100/1120/1140 UTC

03487 00065 02253 13912 30670 62065 81508 02521 98422 86536
02817 12347 58485 21070 52208 61721 99694 77235 97840 51698
34064 61111 78051 97710 33816 52507 06352 63981 27695 81568
90501 73311 04121 63795 74894 95907 67059 20512 94694 93736
21456 81329 68754 37587 11992 14372 02841 96638 71259 19256
99226 51956 31625 54100 27137 13535 04535 54900 58604 76410
22096 28516 94595 64967 88013 69887 83959 56165

15819/14919/13919 kHz, 1600/1620/1640 UTC

15819/14919/13919 kHz, 05-04, 1600/1620/1640 UTC

03912 00001 00000 36654

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

02730 00001 00000 34655

15819/14919/13919 kHz, 12-04/14-04, 1600/1620/1640 UTC

00154 00211 81953 07564 70946 34816 60383 67949 62381 51511
79098 80772 35303 71301 39835 24217 15288 96373 10309 94092
97677 28227 05894 37400 62738 48910 78626 06793 17228 37795
15331 55158 90334 90666 23860 01802 39337 32975 06042 23333
69270 73397 59208 45314 13712 21292 10265 90777 66996 18349
13186 09975 97627 05125 13948 96494 06414 92288 62694 41921
81110 60920 13428 16761 24697 51336 13319 74382 49023 18610
73735 28528 97497 39688 84927 19227 14987 96365 66947 92142
86559 41975 41256 58812 55334 56481 18182 33053 32669 08734
25732 96012 00938 78943 69622 12184 39429 18255 80863 70939
76098 62278 36075 96057 89443 65368 08949 58563 76291 74216
45612 30672 70813 20180 21546 67739 07327 93218 23698 98216
22680 33187 30685 59485 61172 56433 80408 48209 45131 47261
14683 30271 21803 42357 01952 97604 97156 20291 56661 71056
82111 51409 18214 66122 41493 66904 62222 51875 37447 12876
75457 00489 38038 98620 02555 10984 17764 56154 00377 30873
71933 97545 60632 98982 74193 31562 29367 30642 48928 67925
45054 68626 48473 48863 62794 33509 40302 67681 21085 62572
39900 84998 28695 01997 58228 09772 47177 64754 31461 62434
99057 81522 67845 50099 74922 56501 34949 97762 66084 17443
77410 90505 87984 93235 41974 34607 87299 12996 49692 76946
35227 49974 25528 40714

15819/14919/13919 kHz, 19-04, 1600/1620/1640 UTC

01779 00001 00000 41260

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

04592 00001 00000 34665

15819/14919/13919 kHz, 26-04/28-04, 1600/1620/1640 UTC

00259 00211 41230 87461 55490 49268 08994 92588 36166 55585
35593 56802 88278 12957 27459 28008 39103 73400 93846 68643
14620 79849 54277 52579 06409 20391 80275 63712 34697 95922
97882 00322 93379 29270 28488 24184 18141 06794 85102 26144
20937 62363 50330 89813 37094 09052 45655 40198 89754 08322
79703 46442 13284 90666 88808 92471 85662 08829 23015 72273
05705 50265 50139 17830 12138 39177 64458 29979 34972 78007
04765 29261 02222 90327 47504 04870 73964 62654 68428 48055
20765 03100 72505 04604 10907 88288 65526 93546 97500 08616
52053 68684 05006 55011 28003 68652 13917 97269 23054 15291
04824 35912 86621 82449 33861 84215 30845 41618 37145 52553
01546 35281 72434 10148 02320 17464 50305 96792 00168 03209
67115 23358 47206 61887 47072 44583 32216 85757 20793 26229
94359 28543 33112 86945 99359 48240 58711 67821 81959 28200
71690 08635 48381 89757 32577 61910 10332 89614 58693 05785
67995 60218 78839 07911 14190 59117 95548 85273 58011 16629
94404 98083 88274 63395 79413 14736 71522 14519 93688 89259
34997 79972 36533 30795 07701 61286 20183 69458 55857 94869
84389 60729 56220 81940 09594 55004 96606 96343 98985 05107
21147 34912 52686 52203 14351 12424 90547 18709 87577 24935
36888 77810 93242 76544 89322 95859 76149 02172 60043 29024
60515 38415 75858 52144

17426/16326/14926 kHz, 1100/1120/1140 UTC

17426/16326/14926 kHz, 06-04, 1100/1120/1140 UTC

03146 00001 00000 34657

17426/16326/14926 kHz, 07-04, 1100/1120/1140 UTC

09844 00001 00000 37265

17426/16326/14926 kHz, 13-04/14-04/20-04/21-04, 1100/1120/1140 UTC

00412 00198 12146 97793 57599 62568 11403 39658 74495 01660
29497 07905 05733 28518 15587 61892 67606 03230 68716 11556
63707 18314 89174 81778 42248 33751 83174 33583 87649 77550
05044 50458 11490 28871 02571 67932 50099 68318 82550 63181
97461 20453 01022 02722 24652 10459 80991 42591 36945 81407
77581 40022 44932 22701 41152 81807 55924 36448 06616 54584
42774 24872 81515 79573 63003 06502 63881 91801 86481 28336
42358 58977 40171 74717 23277 69644 31614 48315 90750 52916
33926 47842 02478 16896 51963 97066 43334 64125 54853 69475
59271 08469 17000 44024 71146 10664 83813 23041 03474 95384
90075 80530 99577 92333 11056 19159 22479 96445 78985 14270
41649 72505 96248 89349 62184 76309 72655 82311 47740 83688
98238 81552 45324 85173 91824 42274 31067 02620 95067 28464
56900 71613 63551 29032 82898 28534 72884 04560 06320 38936
87387 52819 72706 90323 28489 03715 42016 53948 12558 40041
71296 79014 56815 08284 55330 35950 25209 80128 46124 76822
75569 40401 15594 23619 15800 45806 48336 11696 32279 78580
97588 81334 19551 28319 09870 22814 29408 48564 61256 96229
88957 65172 28695 61337 43605 78829 47079 62337 29090 96734
50612 31311 35243 44401 87076 80688 96781 73196 21434 60857
14000

17426/16326/14926 kHz, 27-04, 1100/1120/1140 UTC

03806 00001 00000 40253

XPB1

13562 kHz, 02-04/06-04/09-04/13-04/16-04/20-04/23-04/27-04/30-04, 1100 UTC
12162 kHz, 02-04/06-04/09-04/13-04/16-04/20-04/23-04/27-04/30-04, 1110 UTC
11562 kHz, 02-04/06-04/09-04/13-04/16-04/20-04/23-04/27-04/30-04, 1120 UTC
11162 kHz, 02-04/06-04/09-04/13-04/16-04/20-04/23-04/27-04/30-04, 1130 UTC
10562 kHz, 02-04/06-04/09-04/13-04/16-04/20-04/23-04/27-04/30-04, 1140 UTC
10262 kHz, 02-04/06-04/09-04/13-04/16-04/20-04/23-04/27-04/30-04, 1150 UTC

17474 kHz, 02-04/04-04/09-04/11-04/16-04/18-04/23-04/25-04/30-04, 1200 UTC
16274 kHz, 02-04/04-04/09-04/11-04/16-04/18-04/23-04/25-04/30-04, 1210 UTC
15974 kHz, 02-04/04-04/09-04/11-04/16-04/18-04/23-04/25-04/30-04, 1220 UTC
14974 kHz, 02-04/04-04/09-04/11-04/16-04/18-04/23-04/25-04/30-04, 1230 UTC
14374 kHz, 02-04/04-04/09-04/11-04/16-04/18-04/23-04/25-04/30-04, 1240 UTC
13874 kHz, 02-04/04-04/09-04/11-04/16-04/18-04/23-04/25-04/30-04, 1250 UTC

13547 kHz, 03-04/05-04/10-04/12-04/17-04/19-04/14-04/26-04, 1900 UTC
12147 kHz, 03-04/05-04/10-04/12-04/17-04/19-04/14-04/26-04, 1910 UTC
11547 kHz, 03-04/05-04/10-04/12-04/17-04/19-04/14-04/26-04, 1920 UTC
10447 kHz, 03-04/05-04/10-04/12-04/17-04/19-04/14-04/26-04, 1930 UTC
9347 kHz, 03-04/05-04/10-04/12-04/17-04/19-04/14-04/26-04, 1940 UTC
8147 kHz, 03-04/05-04/10-04/12-04/17-04/19-04/14-04/26-04, 1950 UTC

13527 kHz, 04-04/05-04/11-04/12-04/18-04/19-04/25-04/26-04, 0500 UTC
13927 kHz, 04-04/05-04/11-04/12-04/18-04/19-04/25-04/26-04, 0510 UTC
14727 kHz, 04-04/05-04/11-04/12-04/18-04/19-04/25-04/26-04, 0520 UTC
14927 kHz, 04-04/05-04/11-04/12-04/18-04/19-04/25-04/26-04, 0530 UTC
15827 kHz, 04-04/05-04/11-04/12-04/18-04/19-04/25-04/26-04, 0540 UTC
16327 kHz, 04-04/05-04/11-04/12-04/18-04/19-04/25-04/26-04, 0550 UTC

DIPLOMATIC STATIONS

North Korean diplomatic stations

16252 kHz, 07-04,2 1336 UTC, DPRK-ARQ 600 LSB
12208 kHz, 20-04, 0458 UTC, DPRK-ARQ 600 LSB
12203 kHz, 20-04, 0458 UTC, DPRK-ARQ 600 LSB
12400 kHz, 22-04, 0810 UTC, DPRK-ARQ 600 LSB
16250 kHz, 23-04, 1220 UTC, DPRK-ARQ 600 LSB
11046 kHz, 29-04, 0703 UTC, DPRK ARQ 600 LSB

Russian diplomatic stations

13556 kHz, 01-04, 0845 UTC, MFSK-6	MFA Moscow clg 324615: Russian embassy Madrid
13547 kHz, 01-04, 1021 UTC, MFSK-6	MFA Moscow clg 625413: Russian embassy Tel Aviv
12146 kHz, 04-04, 0741 UTC, MFSK-66	Russian diplo.
14615 kHz, 05-04, 0800 UTC, MFSK-6	MFA Moscow clg 125643: Russian embassy Ulanbatar
11462 kHz, 05-04, 0803 UTC, MFSK-6	MFA Moscow clg 165423: Russian embassy Brussels
15687 kHz, 05-04, 0837 UTC, MFSK-6	MFA Moscow clg 154263: Russian embassy Rome
13838 kHz, 06-04, 0640 UTC, MFSK-6	MFA Moscow clg 256341: Russian embassy Beirut
17445 kHz, 06-04, 0820 UTC, MFSK-6	MFA Moscow clg 362154: Russian embassy Athens
16115 kHz, 06-04, 1109 UTC, MFSK-6	MFA Moscow clg 215346: Russian embassy Mumbai
17430 kHz, 07-04, 0713 UTC, MFSK-6	MFA Moscow clg 214356: Russian embassy Amman
19511 kHz, 07-04, 0716 UTC, MFSK-6	MFA Moscow clg 314265: Russian embassy Antananarivo
14447 kHz, 07-04, 0720 UTC, MFSK-6	MFA Moscow clg 162543: Russian embassy Nicosia

16277 kHz, 07-04, 1323 UTC, MFSK-6
 12177 kHz, 08-04, 0834 UTC, MFSK-6
 14871 kHz, 11-04, 0904 UTC, MFSK-6
 16117 kHz, 11-04, 0933 UTC, MFSK-6
 14683 kHz, 11-04, 1252 UTC, MFSK-6
 16317 kHz, 12-04, 1022 UTC, MFSK-6
 17470 kHz, 12-04, 1024 UTC, MFSK-6
 20813 kHz, 12-04, 1028 UTC, MFSK-6
 7988 kHz, 14-04, 0744 UTC, MFSK-6
 9388 kHz, 14-04, 0800 UTC, MFSK-6
 16153 kHz, 14-04, 0811 UTC, MFSK-6
 13506 kHz, 14-04, 0935 UTC, MFSK-6
 14615 kHz, 19-04, 0752 UTC, MFSK-6
 11572 kHz, 19-04, 0800 UTC, MFSK-6
 12174 kHz, 19-04, 0809 UTC, MFSK-6
 18440 kHz, 20-04, 0803 UTC, MFSK-6
 16115 kHz, 20-04, 1131 UTC, MFSK-6
 15676 kHz, 20-04, 1233 UTC, MFSK-6
 16103 kHz, 21-04, 0945 UTC, MFSK-6
 18197 kHz, 21-04, 0952 UTC, MFSK-6
 12177 kHz, 22-04, 0827 UTC, MFSK-6
 17463 kHz, 22-04, 1000 UTC, MFSK-6
 17463 kHz, 22-04, 1001 UTC, MFSK-6
 15828 kHz, 22-04, 1019 UTC, MFSK-6
 20690 kHz, 25-04, 0835 UTC, MFSK-6
 13467 kHz, 25-04, 1237 UTC, MFSK-6
 11545 kHz, 26-04, 0804 UTC, MFSK-6
 13420 kHz, 26-04, 0809 UTC, MFSK-6
 17523 kHz, 26-04, 0811 UTC, MFSK-6
 17470 kHz, 26-04, 1050 UTC, MFSK-6
 13506 kHz, 28-04, 0940 UTC, MFSK-6
 9061 kHz, 27-04, 0733 UTC, MFSK-6
 13985 kHz, 27-04, 0713 UTC, MFSK-6
 16116 kHz, 27-04, 0719 UTC, MFSK-6
 13985 kHz, 27-04, 0721 UTC, MFSK-6
 13506 kHz, 28-04, 0937 UTC, MFSK-6

MFA Moscow clg 436512: Russian embassy Harare
 MFA Moscow clg 356412: Russian embassy Berlin
 MFA Moscow clg 156234: Russian embassy Kampala
 MFA Moscow clg 463125: Russian embassy Rabat
 MFA Moscow clg 364152: Russian embassy New Delhi
 MFA Moscow clg 612534: Russian embassy Ashgabat
 MFA Moscow clg 216354: Russian embassy Chennai
 MFA Moscow clg 216354: Russian embassy Chennai
 MFA Moscow clg 561243 Russian embassy Helsinki
 MFA Moscow clg 561243 Russian embassy Helsinki
 MFA Moscow clg 153624 Russian embassy Damascus
 MFA Moscow clg 164532 Russian embassy Dublin
 MFA Moscow clg 125643 Russian embassy Ulaanbaatar
 MFA Moscow clg 154632 Unknown embassy
 MFA Moscow clg 154632 Unknown embassy
 MFA Moscow clg 241563: Russian embassy Karachi
 MFA Moscow clg 215346: Russian embassy Mumbai
 MFA Moscow clg 231654: Russian embassy Abuja
 MFA Moscow clg 645321: Russian embassy Ho Chi Minh City
 MFA Moscow clg 645321: Russian embassy Ho Chi Minh City
 MFA Moscow clg 356412: Russian embassy Berlin
 MFA Moscow clg 256134: Russian embassy Abidjan
 MFA Moscow clg 256134: Russian embassy Abidjan
 MFA Moscow clg 256134: Russian embassy Abidjan
 MFA Moscow clg 156234: Russian embassy Kampala
 MFA Moscow clg 364152: Russian embassy New Delhi
 MFA Moscow clg 534216: Russian embassy Baghdad
 MFA Moscow clg 534216: Russian embassy Baghdad
 MFA Moscow clg 542136: Russian embassy Beijing
 MFA Moscow clg 216354: Russian embassy Chennai
 MFA Moscow clg 164532: Russian embassy Dublin
 MFA Moscow clg 412356: Russian embassy Budapest
 MFA Moscow clg 134265: Russian embassy Tunis
 MFA Moscow clg 134265: Russian embassy Tunis
 MFSAMoscow clg 134265: Russian embassy Tunis
 MFA Moscow clg 164532: Russian embassy Dublin

CLANDESTINE / TARGETED RADIO & JAMMERS

Target: Turkey

11530 kHz, 02-04, 1525 UTC, AM Radio Dengê Welat. Kurdish program <https://www.denge-welat.org>
 11530 kHz, 02-04, 1525 UTC, AM Radio Recep Erdogan jammimg Radio Dengê Welat

Target: North Korea

4450 kHz, 02-04, 1530 UTC, AM Voice of the People jammed by North Korea

Target: Iran

12005 kHz, 07-04, 1240 UTC, AM Radio Farda. Program in Persian

Target: Tibet

15470 kHz, 07-04, 1252 UTC, AM Radio Free Asia. Program in Tibetan. Jammed
 17860 kHz, 07-04, 1305 UTC, AM Radio Free Asia. Program in Tibetan. Jammed
 15275 kHz, 07-04, 1353 UTC, AM Radio Free Asia. Program in Tibetan.

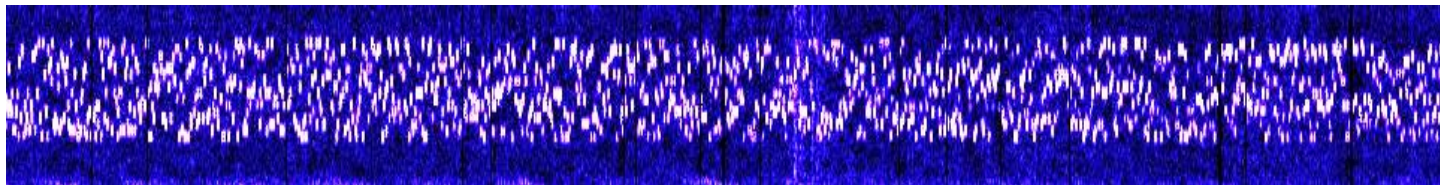
Target: Afghanistan

17880 kHz, 07-04, 1300 UTC, AM Radio Azadi (Radio Free Afghanistan). Program in Dari

UKRAINE

Disclaimer: the editor is not responsible for the contents of the messages below.
These texts were broadcasted by various propaganda, amateur, resistance and pirate stations.

3582.5 kHz, 03-04, 1830 UTC, OLIVIA-16-1k. Russian war propaganda in progress, copied by Danila



... it is compared with Nazi Germany of the last century. Some people in the West (in particular, US President Joe Biden) are trying to appeal to the nationality of Vladimir Zelensky and the fact that "his grandfather fought the Nazis." Well, this is, you know, a trick designed for fools. We, unlike the Ukrainian Nazis (and the American leader), prefer to judge a person not by his nationality, but by specific cases. But in them, the same "non-Nazi" Zelensky and his entourage exactly follow in the footsteps of the NSDAP that came to power in Germany in 1933. How did it all start there? With a complete ban on all objectionable political parties and movements? This is already being done in Ukraine. Such processes, by the way, began even before Russia announced a special operation. The current government began to persecute its political opponents and all sorts of "oppositionists", to close the "wrong" media much earlier - as soon as it became obvious that the rating of the "Servant of the People" was flying down and nothwould shine on this party or its "leader"-a joke at the next election. Then, in the "democratic West", their eyes were tightly shut and their noses turned up from everything that was happening in the "nezalezhnaya". They "did not notice" obvious political repressions there - just as they now "do not see" the war crimes of the Ukronazis and the Ukrainian authorities. The induction of martial law finally untied the hands of the clown president and he did not fail to take full advantage of the opportunities presented. The activities of the first 11 parties, which had at least some shade of "opposition", were banned by the decision of the National Security Council of Ukraine and Zelensky personally on March 20 "for the duration of martial law." At the same time, only one of these political forces, the Opposition Platform for Life, had a miserable representation in the Ukrainian parliament and hypothetically could influence the adoption of at least some decisions at the state level. However, what kind of "opposition" it was is more than eloquently evidenced by a number of facts: the leader of the party, Vadim Rabinovich, "quite by chance" turned out to be abroad just before the start of the Russian special operation. But even from there, from a completely safe "promised land", this figure n to broadcast about "condemning Russia, which from now on is only an enemy and an aggressor." At the same time, he still took care to return to Kiev - out of harm's way. Yes, Rabinovich, broadcasting from Israel about his readiness to counteract the fight against Nazism in Ukraine with all his might - this is already some kind of transcendent surrealism. The same position was taken by all the leaders and members of the OPZH, who are actively joining the "theroborona" today and shouting at all corners about their intentions to "do everything to defeat the common enemy." That is, over a Russian soldier... This, however, did not help them at all - the Verkhovna Rada adopted a law banning "pro-Russian parties" forever and in court. With the complete confiscation of party funds and assets, by the way. If we take into account that such cases will be dealt with in the Lviv court, then the outcome of any of them can be predicted by exactly 100%. In the OPZJ, they squeaked something weakly about "illegal political raiding," but they quickly shut up and ran to the checkpoints - "to resist aggression." I have stated this a thousand times, but let me repeat myself - there are no truly "pro-Russian" political forces in Ukraine that are really opposed to the current criminal regime. So, ultimately, there is little loss. They will get in the way less later. However, one way or another, Zelensky and his gang managed to achieve an unprecedented "consolidation of Ukrainian politics." Under the muzzles of Nazi militants, of course. Ahead - an attack on the shrines "Draconian", frankly dictatorial and criminal laws are pouring out of the bowels of the Ukroparliament, as if from some filthy cornucopia. One of the first of its deputies adopted a normative act on "punishment for collaboration", which, in their opinion, was urgently needed by Ukraine for "fair punishment of persons who cooperate with the aggressor country in the military, political, informational, administrative, economic and labor spheres." It provides for prison terms of up to 15 years, or even life imprisonment. However, later Zelensky personally made a clarification, threatening "all those who were tempted by the occupiers' proposals" with physical destruction.

7011.3 kHz, 03-04, 1525 UTC, CW. Unid station sending news feeds

BBC NEWS UKRAINIANS AND EUROPEANS ACCUSE RUSSIANS OF COMMITTING ATROCITIES YAHOO NEWS RUSSIA-UKRAINE LATEST NEWS: APRIL 3, 2022 - EU SANCTIONS OVER 'WAR CRIMES' BLOOMBERG VIEW FULL COVERAGE ON GOOGLE NEWS + ER 24 DE RSS 1448Z = BODIES OF 'EXECUTED PEOPLE' STREWN ACROSS STREET IN BUCHA AS UKRAINE ACCUSES RUSSIA OF WAR CRIMES CNN LIVE UPDATES: LATEST UKRAINE-RUSSIA WAR NEWS THE NEW YORK TIME REF KYIV SHUBURB 'LITTERED' WITH BODIES, 280 BURIED IN MASS GRAVE NEW YORK POST UKRAINIAN MAYOR VOS DEAD BODIES IN LIBERATED CITY OF BUCHA YAHOO NEWS CORPSES 'ALL OVER' STREETS, YARDS AS RUSSIA RETREATS FROM KYIV AREA: REPORT NEWSWEEK VIEW FULL COVERAGE ON GOOGLE NEWS

14169 kHz, 04-04, 0812 UTC, USB	Byraktar song Bayraktar/Patriotic Ukrainian Song - English Lyrics - YouTube
7050 kHz, 04-04, 1625 UTC, LSB	Endless anti Russia ranting. Loop transmissions. Several stations
7055 kHz, 04-04, 1626 UTC, LSB	Anti Russia ranting. Loop transmissions. Several stations
7060 kHz, 04-04, 1628 UTC, LSB	Music, anti Putin slogans
7055 kHz, 11-04, 1558 UTC, LSB	Anti Russia slogans. Loop tape

9261 kHz, 17-04, 0600 UTC, USB. Found by PY. Pierre writes:

I could hear some other faint voice under E07, but I figured it was bleed from the neighboring broadcast, on 9265 AM, I think. However, after E07 ended at 0616z, I realized it was not, and this had been a weak J3E USB voice signal on 9261 kHz all along: <http://streams.printf.cc/rec/9261usb-20220417-061631z-voice.ogg>

Apparently it would be a looped recording, in Russian I suppose. Here's a partial translation from Argonn:

"[...] dangerous to life and health. If (survive?) [...] all the Ukraine, territorial defense [...] sector [...] hit by a rocket bomb. There will not be [...]. [...] You see, if [...] yesterday [...] tanks, rockets, [...] systems, [...] leave your houses and run away to safe regions. Leave the towns [...]. Think [...], say about peace."

It makes me think of Duck & Cover or Protect & Survive type civil defense recommendations. But given the context, it could more probably be war propaganda or psyops, or more general radio war. Also, was it a coincidence that it was right under E07?

7055 kHz, 28-04, 1328 UTC, LSB	Putina khuyla and more anti Russian slogans
7060 kHz, 28-04, 1436 UTC, LSB	Putina khuyla and more anti Russian slogans
7065 kHz, 28-04, 1440 UTC, LSB	Putina khuyla and more anti Russian slogans
7065 kHz, 29-04, 2100 UTC, LSB	Anti Russia messages. Russian swine, etc.

UTILITY ROUND-UP

North Korean military

3737.37 kHz, 12-04, 1546 UTC, i.p.
VVV UUL UUL UUL DE RB5 RB5 QRU
5826 5826 SK SK TT

EMERGENCY ACTION MESSAGES & FOXTROT MESSAGES

Frequencies: 4724, 8992, 11175, 15016 kHz.

Date	UTC	Callsign	Details
01-04	0429	Curly Top	30 chr EAM 4WAL6R OKIGDJPQ2TL4S3I7TFOSV5NJ
01-04	0529	Curly Top	30 chr EAM 4WAL6R OKIGDJPQ2TL4S3I7TFOSV5NJ
01-04	1302	Curly Top	30 chr EAM 4WLTS4 DCU262ASVHNLK36FYDE47NBS
01-04	1329	Curly Top	30 chr EAM 4WLTS4 DCU262ASVHNLK36FYDE47NBS
01-04	1332	Curly Top	30 chr EAM for Law? PF5VY4 4GH5LVOFJ7X4VEF3VGCDDNL
01-04	1400	Curly Top	30 chr EAM 4WLTS4 DCU262ASVHNLK36FYDE47NBS
01-04	1430	Curly Top	30 chr EAM 4WLTS4 DCU262ASVHNLK36FYDE47NBS
01-04	1459	Curly Top	30 chr EAM 4WLTS4 DCU262ASVHNLK36FYDE47NBS
01-04	1530	Curly Top	30 chr EAM 4WLTS4 DCU262ASVHNLK36FYDE47NBS
01-04	1712	Curly Top	39 chr EAM PF5FIN ANH2RK6ISOUX7B4SX3JHETTJW4SZVQAN
01-04	1728	Curly Top	51 chr EAM PFKFCA ZTCUYPGPBDT34N3W34VZYPSCGRA2LT70TPSCZRIPZNGU7
01-04	1733	Curly Top	30 chr EAM 4W5PV6 6N67DVFRGSFLCS4RAZOJGHD3
02-04	0517	Stone Oak	30 chr EAM 4WYELA ZYQJUUA236O4US42RRBDFYQX
02-04	0519	Stone Oak	30 chr EAM 4WQS4B TGOPDCTIONJAQULIHUIVHW6D
02-04	0531	Stone Oak	30 chr EAM 4WJMI7 K73XLSJ5SJ2WUO6X5XH372XW
02-04	0533	Stone Oak	30 chr EAM 4WQS4B TGOPDCTIONJAQULIHUIVHW6D
02-04	0536	Stone Oak	30 chr EAM 4WYELA ZYQJUUA236O4US42RRBDFYQX
02-04	0541	Stone Oak	30 chr EAM 4WHQJS SGY5DXZK4DX2IVQDQ4PWZOEN
02-04	0702	Stone Oak	30 chr EAM 4WIQEP LZQOOP6MTBNTGIWO2CLAVXCS
02-04	0800	Stone Oak	30 chr EAM 4WIQEP LZQOOP6MTBNTGIWO2CLAVXCS
02-04	0830	Stone Oak	30 chr EAM 4WIQEP LZQOOP6MTBNTGIWO2CLAVXCS
02-04	0900	Stone Oak	30 chr EAM 4WIQEP LZQOOP6MTBNTGIWO2CLAVXCS
03-04	1300	Gold Rush	30 chr EAM 4WEXWL FK42QEFUKWNU62XQHIWGE0Z7
03-04	1330	Gold Rush	30 chr EAM 4WEXWL FK42QEFUKWNU62XQHIWGE0Z7
03-04	1400	Gold Rush	30 chr EAM 4WEXWL FK42QEFUKWNU62XQHIWGE0Z7
03-04	1430	Gold Rush	30 chr EAM 4WEXWL FK42QEFUKWNU62XQHIWGE0Z7
03-04	1500	Gold Rush	30 chr EAM 4WEXWL FK42QEFUKWNU62XQHIWGE0Z7

03-04	1517	Gold Rush	30 chr EAM for Fire PFP6EH CGNGWHIHHS7J4IQ6ZBAGO34T
03-04	1527	Gold Rush	30 chr EAM for Fire PFOHFK 7ZLOSNT6RJDXGUKPYRFE7ARD
03-04	1646	Gold Rush	30 chr EAM for Fire PFVPKM BSSH6KCMS5XLTOE5RRSMXHXJ
03-04	1655	Gold Rush	30 chr EAM for Fire PF4K7N Y2OVKWUBTRY7F7UEG663BECQ
03-04	1733	Gold Rush	30 chr EAM 4WHOZY 4GYKRDKGTFZ2NTMZUDEKLC6Y
03-04	1800	Gold Rush	30 chr EAM 4WHOZY 4GYKRDKGTFZ2NTMZUDEKLC6Y
03-04	1830	Gold Rush	30 chr EAM 4WHOZY 4GYKRDKGTFZ2NTMZUDEKLC6Y
03-04	1833	Gold Rush	30 chr EAM for Fire PFM5CG WIDSOJQTAIAWWIRZULFXG2ZC
03-04	1930	Gold Rush	30 chr EAM 4WHOZY 4GYKRDKGTFZ2NTMZUDEKLC6Y
04-04	0148	Scranton	30 chr EAM PF5YKV CYFYIOEALDETSNRP4W2PRWFA
04-04	0151	Scranton	30 chr EAM PFXUYM JBRMGZ3WK437QU6GKTB6K2U4
04-04	0445	Scranton	30 chr EAM 4WRVB6 IT3NRBOSVF2VAIP3YCEKMD42
04-04	0448	Scranton	30 chr EAM 4WEZWH OEPXBXVUPQRTNYGCG3VJ6CEP
04-04	0451	Scranton	30 chr EAM 4WN7NZ F3IEHLFNUUW454DNSGNCDH3X
04-04	0500	Scranton	30 chr EAM 4WN7NZ F3IEHLFNUUW454DNSGNCDH3X
04-04	0503	Scranton	30 chr EAM 4WEFRH YPSSISXXEDQYFTLJDKXRTSAU
04-04	0505	Scranton	30 chr EAM 4WN6BZ 27NNST7OODVRT247OFQAM4XT
04-04	0509	Scranton	30 chr EAM 4WEZWH OEPXBXVUPQRTNYGCG3VJ6CEP
04-04	0511	Scranton	30 chr EAM 4WRVB6 IT3NRBOSVF2VAIP3YCEKMD42
04-04	0700	Scranton	30 chr EAM 4WDRZ6 QXU6UXMKV2HAP7OD2PSV4DT
04-04	0830	Scranton	30 chr EAM 4WL2SO KP52WQRT5JNKJHWJ67HAODKR
04-04	0859	Scranton	30 chr EAM FOLAFO 7V65K7L6SB4IG6JZOIZUTKUM
04-04	0902	Scranton	30 chr EAM 4WGAXK NBZDIGXKV4VD5FNC7XFCBTWH
04-04	0904	Scranton	30 chr EAM 4WL2SO KP52WQRT5JNKJHWJ67HAODKR
04-04	1415	Scranton	30 chr EAM 4WQMBB YOHRXKSTJSMCRIPJXBSDJA
04-04	1529	Scranton	30 chr EAM 4WQMBB YOHRXKSTJSMCRIPJXBSDJA
04-04	1532	Scranton	30 chr EAM 4WQUIF UVXPFNJOX2OVWK2NNCVNK2LM
04-04	1728	Scranton	108 chr EAM GVNUOU RAI4FGEW3VE4HFKOJKBRRQMRIHXIIUFYOAP736IIBO UEG7ETCG3YHJQKJBE5HBAPLMF4N77UIA54Z2HLMRRT2ZOYLB4KGUOHWK3H4
04-04	2130	Scranton	30 chr EAM 4WOXSO 4LJHKZXX4OJXSDVNRLIU3E
05-04	1330	Log Road	30 chr EAM 4WUCKX UNHCIF2Z3WJ4EJKKGGVUDWC3
05-04	1700	Log Road	30 chr EAM FOIU4A 2VAQ7DIFZGZOFU32QDS63YFR
05-04	1704	Log Road	30 chr EAM FOX6RT V2SWFJPAOGRQL7XTRLCVETLO
06-04	1516	Goodrich	30 chr EAM for Damen FOVVKL DOVFCKNPG47IYSNDF4OB3JM6
06-04	1529	Goodrich	30 chr EAM for Damen FOSSUY 4TM4KSMNEMGE2IJO3Z5I3DOL
06-04	1647	Goodrich	30 chr EAM for Damen FOHBPE QFG3RE4565DZZLSLLWF4LJPJ
06-04	1658	Goodrich	30 chr EAM for Damen FOV6GC VMK5QWVWONMHJSFYONUVJQ5T
06-04	1832	Goodrich	30 chr EAM for Damen FO4RKC ECDKXA4FWJ5CGRZB53YY2VNN
06-04	2112	Goodrich	30 chr EAM 4WIE42 3XETYVA453QJPLYTWE053CV
06-04	2123	Goodrich	30 chr EAM 4WKVFJ SQSJ4PS666XGWK37JMVNUC46
06-04	2132	Goodrich	30 chr EAM 4WCODR EMNDSC6UKJR2BY22Q3QL2WZ6
06-04	2200	Goodrich	30 chr EAM 4WCODR EMNDSC6UKJR2BY22Q3QL2WZ6
06-04	2230	Goodrich	30 chr EAM 4WCODR EMNDSC6UKJR2BY22Q3QL2WZ6
06-04	2300	Goodrich	30 chr EAM 4WCODR EMNDSC6UKJR2BY22Q3QL2WZ6
06-04	2330	Goodrich	30 chr EAM 4WCODR EMNDSC6UKJR2BY22Q3QL2WZ6
07-04	0416	Tip Tank	30 chr EAM 4W56BQ ZDJ477GW5L3BTPRWUTXSCHJR
07-04	0430	Tip Tank	30 chr EAM 4W56BQ ZDJ477GW5L3BTPRWUTXSCHJR
07-04	0436	Tip Tank	30 chr EAM 4WVXW2 V54CNQJUN3I7QBFRG5E7XOVH
07-04	0439	Tip Tank	30 chr EAM 4WAG2D TMMGH6KNQ4XX4U52K4AM2DP6
07-04	0447	Tip Tank	30 chr EAM 4WAX6K WXCBO4IZQR6V3A4F6LY7NZG
07-04	0500	Tip Tank	30 chr EAM 4WAX6K WXCBO4IZQR6V3A4F6LY7NZG
07-04	0502	Tip Tank	30 chr EAM 4WAG2D TMMGH6KNQ4XX4U52K4AM2DP6
07-04	0504	Tip Tank	30 chr EAM 4WVXW2 V54CNQJUN3I7QBFRG5E7XOVH
07-04	0507	Tip Tank	30 chr EAM 4W6VYQ WZ73ZIX4LWLBUI7P7NF2SALQ
07-04	0510	Tip Tank	30 chr EAM 4WUGTO PEDKCBLSR24NN3ME3L254LD7
07-04	0530	Tip Tank	30 chr EAM 4WUGTO PEDKCBLSR24NN3ME3L254LD7
07-04	0533	Tip Tank	30 chr EAM 4W6VYQ WZ73ZIX4LWLBUI7P7NF2SALQ
07-04	0606	Tip Tank	30 chr EAM 4WKXZZ NHSN4MQL5EUS7CJBHQDOZ3SR
07-04	0630	Tip Tank	30 chr EAM 4WKXZZ NHSN4MQL5EUS7CJBHQDOZ3SR
07-04	0700	Tip Tank	30 chr EAM 4WKXZZ NHSN4MQL5EUS7CJBHQDOZ3SR
07-04	0733	Tip Tank	30 chr EAM 4WKXZZ NHSN4MQL5EUS7CJBHQDOZ3SR
07-04	0802	Tip Tank	30 chr EAM 4WKXZZ NHSN4MQL5EUS7CJBHQDOZ3SR

07-04	1303	Tip Tank	30 chr EAM for Copper Plate FONBZZ 56XONMGXUMREA37YCNQDCXP2
07-04	1312	Tip Tank	30 chr EAM for Copper Plate FOXBQL DX45D6SPNGL6GN27PS37F22V
07-04	1333	Tip Tank	30 chr EAM for Copper Plate FOJZHH U2YWAXPZNPWEHHQXSUR4X665
07-04	1343	Tip Tank	30 chr EAM for Copper Plate FOHTMH PYIR742WHQSF3L5T6RHBVCQB
07-04	1609	Tip Tank	39 chr EAM FOVCMQ SXZJXFJULCZJBLCRSGLPHLBZYTWGF2U6S
07-04	1627	Tip Tank	30 chr EAM FOMBCZ RWD3K6ZTNUQL7MBBO6W3P57
07-04	1629	Tip Tank	39 chr EAM FOVCMQ SXZJXFJULCZJBLCRSGLPHLBZYTWGF2U6S
07-04	1640	Tip Tank	30 chr EAM 4W574U UUIBFONHLPRM7QSNESGB34VD
07-04	1645	Tip Tank	30 chr EAM 4WXLPO 7DLZSTL72EFFYVZKAZACQTXJ
07-04	2017	Tip Tank	30 chr EAM 4WAEYY R3UGAAOPA7QHETCUEQUTMCD2
07-04	2032	Tip Tank	30 chr EAM 4WAEYY R3UGAAOPA7QHETCUEQUTMCD2
07-04	2100	Tip Tank	30 chr EAM 4WAEYY R3UGAAOPA7QHETCUEQUTMCD2
07-04	2104	Tip Tank	30 chr EAM 4WC34P O2KAGPKJX3DBH6GDLBPBAEVW
07-04	2107	Tip Tank	30 chr EAM 4WQTGA 7F4TWCMSPEIJDWNSOLWHTOS6
07-04	2110	Tip Tank	30 chr EAM 4W74HP EWPETT2VOUATP5QWPYVFL7JE
07-04	2124	Tip Tank	30 chr EAM 4W6JCC V64VPVWVX32EHV2BLCKOBP7L
07-04	2138	Tip Tank	30 chr EAM 4W6JCC V64VPVWVX32EHV2BLCKOBP7L
08-04	0632	Baked Pie	30 chr EAM 4WSKJT FO4THOP3RJLG4AP2TLKVU347
08-04	0700	Baked Pie	30 chr EAM 4WSKJT FO4THOP3RJLG4AP2TLKVU347
08-04	0733	Baked Pie	30 chr EAM 4WSKJT FO4THOP3RJLG4AP2TLKVU347
08-04	0800	Baked Pie	30 chr EAM 4WSKJT FO4THOP3RJLG4AP2TLKVU347
08-04	0830	Baked Pie	30 chr EAM 4WSKJT FO4THOP3RJLG4AP2TLKVU347
08-04	1217	Baked Pie	30 chr EAM 4W5QXX HWN7BXSTLDB3YAV7AK3FXPVC
08-04	1230	Baked Pie	30 chr EAM 4W5QXX HWN7BXSTLDB3YAV7AK3FXPVC
08-04	1300	Baked Pie	30 chr EAM 4W5QXX HWN7BXSTLDB3YAV7AK3FXPVC
08-04	1427	Baked Pie	30 chr EAM 4W7PEK HTO2XGEXNYAN7WJDBSN6XFI
08-04	1500	Baked Pie	30 chr EAM 4WXRZX QVYO3JPJTE4WXPOORQREGYHN
08-04	1508	Baked Pie	30 chr EAM 4WLZBH CLP7ETQKRZ5R3BJGJGDPCROI
08-04	1517	Baked Pie	30 chr EAM 4WGS LZ CWENGIHIAPSQO5Q7HVFZHS3V
08-04	1530	Baked Pie	30 chr EAM 4WXRZX QVYO3JPJTE4WXPOORQREGYHN
08-04	1600	Baked Pie	30 chr EAM 4WGS LZ CWENGIHIAPSQO5Q7HVFZHS3V
08-04	1602	Baked Pie	30 chr EAM 4WLZBH CLP7ETQKRZ5R3BJGJGDPCROI
08-04	1614	Baked Pie	30 chr EAM 4WEKXI YNQBCBCLKSBY43HNJ3AEBY74
08-04	1648	Baked Pie	30 chr EAM 4WM7OO VOGS2QKVDYNSGQA5NBXOVE27
08-04	1703	Baked Pie	30 chr EAM 4WXOOZ SDFREXKDPQYT4AFVQLWSRUDZ
08-04	1827	Baked Pie	50 chr EAM FOUJUN KNW23WHMDNDZYZPTHZAES2TPJSZCBATGZCDCTGZCRGTX
08-04	1844	Baked Pie	30 chr EAM FOO2ZX 6U7MDX5I3KFJQZBAI5QURLAM
08-04	1940	Baked Pie	30 chr EAM 4WLFDK SCS2QW4QESERRM44N4KUHTRX
08-04	1942	Baked Pie	30 chr EAM 4W7SAK 4HISVUADDIPLQDCPN2LWDNTF
08-04	2000	Baked Pie	30 chr EAM 4W553A 32SW7D2SDRNTHTZZVFXFNZWR
08-04	2005	Baked Pie	30 chr EAM 4W553A 32SW7D2SDRNTHTZZVFXFNZWR
08-04	2007	Baked Pie	30 chr EAM 4WLFDK SCS2QW4QESERRM44N4KUHTRX
08-04	2009	Baked Pie	30 chr EAM 4WO2SG BGXWVH4CYPJ3BKFMHRJBNSL5
08-04	2013	Baked Pie	30 chr EAM 4W7SAK 4HISVUADDIPLQDCPN2LWDNTF
08-04	2032	Baked Pie	30 chr EAM 4WO2SG BGXWVH4CYPJ3BKFMHRJBNSL5
08-04	2034	Baked Pie	30 chr EAM 4W553A 32SW7D2SDRNTHTZZVFXFNZWR
08-04	2037	Baked Pie	30 chr EAM 4WLFDK SCS2QW4QESERRM44N4KUHTRX
08-04	2059	Baked Pie	30 chr EAM 4WO2SG BGXWVH4CYPJ3BKFMHRJBNSL5
08-04	2102	Baked Pie	30 chr EAM 4W553A 32SW7D2SDRNTHTZZVFXFNZWR
08-04	2104	Baked Pie	30 chr EAM 4WLFDK SCS2QW4QESERRM44N4KUHTRX
08-04	2106	Baked Pie	30 chr EAM for ??? FO32EJ XAHTYUDYDZ2MMOAG2X4TJM6G
08-04	2117	Baked Pie	30 chr EAM for ??? FOGGHP SBYA7TQLM7T7L6HQU6XT3W6T
08-04	2130	Baked Pie	30 chr EAM 4WO2SG BGXWVH4CYPJ3BKFMHRJBNSL5
08-04	2132	Baked Pie	30 chr EAM 4WPQ6P NEK5RCYAJ7US5T2DLDQJ4VWA
08-04	2136	Baked Pie	30 chr EAM 4WPQ6P NEK5RCYAJ7US5T2DLDQJ4VWA
08-04	2138	Baked Pie	30 chr EAM 4W553A 32SW7D2SDRNTHTZZVFXFNZWR
08-04	2140	Baked Pie	30 chr EAM 4WLFDK SCS2QW4QESERRM44N4KUHTRX
08-04	2205	Baked Pie	30 chr EAM 4WIJCO ZEIRIQYKZYXBISWMJS3HXUP
08-04	2207	Baked Pie	30 chr EAM 4WRHDZ PY2ECPWTWE7I5FKEIOT62N
08-04	2210	Baked Pie	30 chr EAM 4WYLCQ HRJOMRECVAHZYQ7KKEPJ5IN
08-04	2213	Baked Pie	30 chr EAM 4WPQ6P NEK5RCYAJ7US5T2DLDQJ4VWA
08-04	2215	Baked Pie	30 chr EAM 4WO2SG BGXWVH4CYPJ3BKFMHRJBNSL5

08-04	2230	Baked Pie	30 chr EAM 4WYLCQ HRJOMRECVAHZYQ7KKEPJ5IN
08-04	2232	Baked Pie	30 chr EAM 4WXSX 3PAUQRXQRZF4INTY3B6C45Z
08-04	2235	Baked Pie	30 chr EAM 4W3QJV AP27R4OL6XEEGCELUI623OZB
08-04	2246	Baked Pie	30 chr EAM 4W2Y4X 67MBZKGXITHEB2GNJAB7N4CS
09-04	0353	Axminster	38 chr EAM FOH3C4 XWBNJ7APZKPPLVBC6N5O425UOR3IXDXV
09-04	0552	Axminster	30 chr EAM FOHZNR Y6JQQB53DAVKY5Y6RIEHQVUO
09-04	1337	Axminster	30 chr EAM for Decree FOGZYA QADVM2NUNZ64BVDX4ZFL3LI7
09-04	1346	Axminster	30 chr EAM for Decree F0ZQDO 2F2NI6VQ4VXSJLN6H366BXTY
09-04	1556	Axminster	30 chr EAM for Decree FOJP7S 7BRL4CCONIR2FYHYN7Z63ZNK
09-04	1617	Axminster	30 chr EAM for Decree FOXT2N KR3Y7HWT4K3IJHVNK5LRELXA
09-04	2017	Axminster	30 chr EAM 4WU5VL WNESLIFRMACHL43B6IHXTKQV
09-04	2154	Axminster	30 chr EAM 4WY3L2 AEQPA6ALRUVF2FQ2XGDKKWTX
09-04	2157	Axminster	30 chr EAM 4WYW5G DPV7UAAJ7JXSZQSPYXOVIF4U
09-04	2200	Axminster	30 chr EAM 4WYW5G DPV7UAAJ7JXSZQSPYXOVIF4U
09-04	2203	Axminster	30 chr EAM 4WY3L2 AEQPA6ALRUVF2FQ2XGDKKWTX
09-04	2210	Axminster	30 chr EAM for Decree FOD2PJ H6EXALELOECBF74H2FAF4VY2
09-04	2228	Axminster	30 chr EAM 4WHJUI VBY4Q5UEXONSYCRZSZTRWPES
09-04	2230	Axminster	30 chr EAM for Decree FO2IJH BD4NEZ5L3QBZKQSW4GSPSMKJ
10-04	0703	Penwiper	30 chr EAM 4WQHJZ N7OTFQWS67LO3UXRHMKVZSE2
10-04	0732	Penwiper	30 chr EAM 4WQHJZ N7OTFQWS67LO3UXRHMKVZSE2
10-04	0800	Penwiper	30 chr EAM 4WQHJZ N7OTFQWS67LO3UXRHMKVZSE2
10-04	0830	Penwiper	30 chr EAM 4WQHJZ N7OTFQWS67LO3UXRHMKVZSE2
10-04	0859	Penwiper	30 chr EAM 4WQHJZ N7OTFQWS67LO3UXRHMKVZSE2
10-04	1206	Penwiper	30 chr EAM for Decree FOBESS A26DZ4PFBQ3ZVG6CTBRR3D4M
10-04	1232	Penwiper	30 chr EAM for Decree FO6AJU QSFSGUSJMFPAZNWPPBASPHS2
10-04	1232	Penwiper	30 chr EAM for Decree FOKWF6 DRFN4ZJAJOWWDCOGGHU34O3D
10-04	1452	Penwiper	30 chr EAM for Decree FOS2MG N2EFHJWNGDJHS6CPQCFA2KC
10-04	1632	Penwiper	30 chr EAM 4WK2MB CRGBT3WMRIDUF7DCCNU4EG73
10-04	2141	Penwiper	30 chr EAM 4WPCJY RP6J35YDOA6Z6RCQI7HUIVXQ
10-04	2200	Penwiper	30 chr EAM 4WPCJY RP6J35YDOA6Z6RCQI7HUIVXQ
10-04	2204	Penwiper	30 chr EAM 4WPMQP RFGVLDFP73CJDKOQNXGYAL6H
10-04	2229	Penwiper	30 chr EAM 4WPMQP RFGVLDFP73CJDKOQNXGYAL6H
10-04	2232	Penwiper	30 chr EAM 4WPCJY RP6J35YDOA6Z6RCQI7HUIVXQ
10-04	2236	Penwiper	30 chr EAM 4WWMLJ ASWNRR76QVHTXPKV4BVEI4W
10-04	2238	Penwiper	30 chr EAM 4WWG4P HSQL34BYDQSVCEYUBUZOR4B5
10-04	2240	Penwiper	30 chr EAM 4WWHDR KFNADUPAKBYRLBYEAFUCJE3L
11-04	0022	Kola Nut	30 chr EAM 4O2VSL HO4HC2SLVASIHKC32Y5XOYNG
11-04	0402	Kola Nut	30 chr EAM 4O22VJ ENYN2OT72XHSJCXEW5DJ4UX
11-04	0430	Kola Nut	30 chr EAM 4O22VJ ENYN2OT72XHSJCXEW5DJ4UX
11-04	0434	Kola Nut	30 chr EAM 4O22VJ ENYN2OT72XHSJCXEW5DJ4UX
11-04	0500	Kola Nut	30 chr EAM 4O22VJ ENYN2OT72XHSJCXEW5DJ4UX
11-04	0530	Kola Nut	30 chr EAM 4O22VJ ENYN2OT72XHSJCXEW5DJ4UX
11-04	0602	Kola Nut	30 chr EAM 4OYC7S NJXXOIESC6BAHRLBU2RIEC6S
11-04	0630	Kola Nut	30 chr EAM 4OYC7S NJXXOIESC6BAHRLBU2RIEC6S
11-04	0700	Kola Nut	30 chr EAM 4OYC7S NJXXOIESC6BAHRLBU2RIEC6S
11-04	0729	Kola Nut	30 chr EAM 4OYC7S NJXXOIESC6BAHRLBU2RIEC6S
11-04	1322	Kola Nut	30 chr EAM 4OOZT2 W3CJWTHEGVJN6OFHGZ5YXQ3N
11-04	1330	Kola Nut	30 chr EAM 4OOZT2 W3CJWTHEGVJN6OFHGZ5YXQ3N
11-04	1401	Kola Nut	30 chr EAM 4OOZT2 W3CJWTHEGVJN6OFHGZ5YXQ3N
11-04	1430	Kola Nut	30 chr EAM 4OOZT2 W3CJWTHEGVJN6OFHGZ5YXQ3N
11-04	1533	Kola Nut	33 chr EAM FOPQB7 IXIZZBRN3FPIDGICAXPGO46TI5O
11-04	1619	Kola Nut	34 chr EAM FO4ATU 5GSAAFKMIWKX5JB7VMXTFSNBFTZO
11-04	2102	Kola Nut	30 chr EAM 4OBXHE I5AICWQ3G47I5CIXDXNLTOJ7
11-04	2117	Kola Nut	30 chr EAM 4OBHYY KSTSAHUJKKH4HXYLSY7KTVD3
11-04	2130	Kola Nut	30 chr EAM 4OBHYY KSTSAHUJKKH4HXYLSY7KTVD3
11-04	2132	Kola Nut	30 chr EAM 4O57VF XNBEPIDAFNABNQ6XDIWAQX
11-04	2134	Kola Nut	30 chr EAM 4OKR72 BX4YACSABZEJ6IHVWFNLHJKR
11-04	2138	Kola Nut	30 chr EAM 4OBHYY KSTSAHUJKKH4HXYLSY7KTVD3
11-04	2140	Kola Nut	30 chr EAM 4OBXHE I5AICWQ3G47I5CIXDXNLTOJ7
11-04	2142	Kola Nut	30 chr EAM 4O7EUX XD6LJ3IW4LY6AVD4CQOD63ZX
12-04	0601	Bluegill	30 chr EAM 4OTB5N IOZJSQWSVTYFTUJZTD7E2QDT
12-04	0631	Bluegill	30 chr EAM 4OTB5N IOZJSQWSVTYFTUJZTD7E2QDT

12-04	0700	Bluegill	30 chr EAM 4OTB5N IOZJSQWSVTYFTUJZTD7E2QDT
12-04	0730	Bluegill	30 chr EAM 4OTB5N IOZJSQWSVTYFTUJZTD7E2QDT
12-04	1325	Bluegill	30 chr EAM 4OP5PS XHK7AI2NPML67GAFYOIUJASO
12-04	1330	Bluegill	30 chr EAM 4OP5PS XHK7AI2NPML67GAFYOIUJASO
12-04	1431	Bluegill	30 chr EAM 4OP5PS XHK7AI2NPML67GAFYOIUJASO
12-04	1500	Bluegill	30 chr EAM 4OP5PS XHK7AI2NPML67GAFYOIUJASO
12-04	1532	Bluegill	30 chr EAM FOS5DZ YA2NSXC34OAPWPLVRY7YH66Y
12-04	1555	Bluegill	51 chr EAM FO4544 JEJ7X3OXOY37UD2R7UDVPKCLQ7R6URNO6KC3Q7RTSRW2T
12-04	1614	Bluegill	30 chr EAM FOPOZA QCVB6HFAODWPLQLFJMEYHWKJ
13-04	1648	Fake Play	30 chr EAM for Amphitheater FODXRK ZI7HRB2ZC7AW335J7ET2JWVS
13-04	1703	Fake Play	30 chr EAM for Amphitheater FOFU2Q P2UOCKJOXZIT5GZZ62OAIKSQ
13-04	1715	Fake Play	34 chr EAM FON2IX XEZUJ457HJX2TABAYZPVMXDCT2NA
13-04	1731	Fake Play	30 chr EAM for Amphitheater FOX5FS GJN32S6RUAJGXVE6OH4QD6LW
13-04	1742	Fake Play	30 chr EAM for Amphitheater FOQBOK 2ZCDI3RDEVKI523QREACQJ6X
13-04	1818	Fake Play	30 chr EAM for Amphitheater FOQ4SH MYKYBPNLAU6ZP7JXHRX3KCNW
13-04	1943	Fake Play	30 chr EAM FOSAKR HL553QTQRCWMSEIXBOOBJKEK
13-04	2047	Fake Play	60 chr EAM FOCQKG E2QRVHEIKOVF5VRSF5VHSSCFIFJSVDS3Q76HM7JSVISI7ZHCZ7JSWASRZA5MON
13-04	2117	Fake Play	30 chr EAM 4OW3RX WAQGXQEUQKLBWQ6YLB6E7UGC
14-04	0700	Big John	30 chr EAM 4OTOH6 VWAY626DVTQI2YV6UFR3NX6U
14-04	0730	Big John	30 chr EAM 4OTOH6 VWAY626DVTQI2YV6UFR3NX6U
14-04	0800	Big John	30 chr EAM 4OTOH6 VWAY626DVTQI2YV6UFR3NX6U
14-04	1005	Big John	30 chr EAM for ...burger Kid? FO26FO L67PVUICXII5KKXRDFRM5ENI
14-04	1019	Big John	30 chr EAM for ...burger Kid? FO4SFL AEQ5ZIPVEJC67IJKQNMAYGPI
14-04	1034	Big John	30 chr EAM for ...burger Kid? FOVOEO DTKYOJHTZWYQK65ITED4SNZD
14-04	1438	Big John	30 chr EAM 4OSGKU PNFRAXSNNYYGWYTNIPFPCKQD
14-04	1456	Big John	30 chr EAM 4OCWNU GEGN2UCQ76FEFRZJPNKDAJWE
14-04	1500	Big John	30 chr EAM 4OCWNU GEGN2UCQ76FEFRZJPNKDAJWE
14-04	1503	Big John	30 chr EAM 4OWN2N GCJVL5PBQEXKZNLQR5VR7ZQX
14-04	1537	Big John	49 chr EAM FOUPYP QNF5JHXMSSB5Y65RGN3HOFAXMOL5LFXRFB4PMWZMNHU
14-04	1622	Big John	30 chr EAM 4OP6OX YABJRS47ERSDCTHD4RQN2MAT
14-04	1627	Big John	30 chr EAM 4OGPRV PDFDIBPFWR6ETULK6KLYMIXA
14-04	1646	Big John	30 chr EAM FODWGF TSZZKL6JJW5WK43NV7DB5HNO
14-04	1656	Big John	30 chr EAM 4OIRD2 ETLX2LY7OFWBK2LON37DC4GM
14-04	1700	Big John	30 chr EAM 4OIRD2 ETLX2LY7OFWBK2LON37DC4GM
14-04	1702	Big John	30 chr EAM 4OGPRV PDFDIBPFWR6ETULK6KLYMIXA
14-04	1704	Big John	30 chr EAM 4OP6OX YABJRS47ERSDCTHD4RQN2MAT
14-04	1731	Big John	30 chr EAM 4OIRD2 ETLX2LY7OFWBK2LON37DC4GM
14-04	1733	Big John	30 chr EAM 4OGPRV PDFDIBPFWR6ETULK6KLYMIXA
14-04	1735	Big John	30 chr EAM 4OP6OX YABJRS47ERSDCTHD4RQN2MAT
14-04	1758	Big John	30 chr EAM 4OIRD2 ETLX2LY7OFWBK2LON37DC4GM
14-04	1801	Big John	30 chr EAM 4OGPRV PDFDIBPFWR6ETULK6KLYMIXA
14-04	1803	Big John	30 chr EAM 4OP6OX YABJRS47ERSDCTHD4RQN2MAT
14-04	1832	Big John	30 chr EAM 4OIRD2 ETLX2LY7OFWBK2LON37DC4GM
14-04	1834	Big John	30 chr EAM 4OGPRV PDFDIBPFWR6ETULK6KLYMIXA
15-04	0132	Auto Sale	38 chr EAM FOB5IA VHTLPDCWSLLQECE5GAYGSRIVQOAN6DC
15-04	0530	Auto Sale	38 chr EAM 4OXZTI UAPL74QIUVCVKTOF7WDSCZX2
15-04	1556	Auto Sale	38 chr EAM AOH3XX 5YKHWSS2Z6I2YIT4HUWRQD27
15-04	1630	Auto Sale	38 chr EAM 4OV62M QJ3LKGOIQJAL4QDRLCRN3K2M
15-04	1633	Auto Sale	38 chr EAM AOH3XX 5YKHWSS2Z6I2YIT4HUWRQD27
15-04	1646	Auto Sale	38 chr EAM 4OWQ4L 43ZZYNGZGNAZMNZ77GAKFPRJ
15-04	1650	Auto Sale	38 chr EAM 4OUNR2 BT2YHU42RNOILKCEBYTFYOVVM
15-04	1701	Auto Sale	38 chr EAM 4OV62M QJ3LKGOIQJAL4QDRLCRN3K2M
15-04	1704	Auto Sale	38 chr EAM AOH3XX 5YKHWSS2Z6I2YIT4HUWRQD27
15-04	1947	Auto Sale	33 chr EAM FOG5R 46T2DEDHYFWJJB4WOVNNXCJMSN
15-04	2013	Auto Sale	30 chr EAM 4OJYLS BB4KF7ZHYQ7C6QKMOSNSPZPV
15-04	2019	Auto Sale	30 chr EAM 4OJDYA ER3JCNXC62GXD2JJVZXD6ACV
15-04	2030	Auto Sale	30 chr EAM 4O7OTL ANRJPJBLNLRKP7CEORLS4F
15-04	2133	Auto Sale	30 chr EAM 4OCT7E 3XH44BSGNEW7EVKSMCEGPWAO
15-04	2147	Auto Sale	26 chr EAM FOMW3J CSNZ2PR6X33SJCPSJRN
15-04	2200	Auto Sale	30 chr EAM 4OCT7E 3XH44BSGNEW7EVKSMCEGPWAO
15-04	2231	Auto Sale	30 chr EAM 4OCT7E 3XH44BSGNEW7EVKSMCEGPWAO

15-04	2301	Auto Sale	30 chr EAM 4OCT7E 3XH44BSGNEW7EVKSMCEGPWAO
15-04	2330	Auto Sale	30 chr EAM 4OCT7E 3XH44BSGNEW7EVKSMCEGPWAO
16-04	0404	Magnolia	51 chr EAM FORYWP VXA0YJF3BKDINFL6INFRLEIH66ZKMW4CEICX6VSHTFGU
16-04	0558	Magnolia	224 chr EAM GV65WK OFC3H63EBIVG4K2EWZYVT3ZZQ3D6XQ72V2VLLLL6VAQ3FXFX2DTP25TPEDDDDEPZM4WCJK DDI5N4WHNTTTT65DJAE333VNLYVLMCCCCF6BKDGAWCOEO76RD2VXDLX4T4GJ5N5WIA WWWYK36JUQWGCN3G3SMXTIIII2G57JAPVUV7343US43IIILWFGZAZZMJITI2XFZTTTTXW ZDAJ7OK
16-04	0612	Magnolia	224 chr EAM GV65WK OFC3H63EBIVG4K2EWZYVT3ZZQ3D6XQ72V2VLLLL6VAQ3FXFX2DTP25TPEDDDDEPZM4WCJK DDI5N4WHNTTTT65DJAE333VNLYVLMCCCCF6BKDGAWCOEO76RD2VXDLX4T4GJ5N5WIA WWWYK36JUQWGCN3G3SMXTIIII2G57JAPVUV7343US43IIILWFGZAZZMJITI2XFZTTTTXW ZDAJ7OK
16-04	0829	Magnolia	68 chr EAM GVFNKH 6N6VI7R76HSV67BYW3LH6ICKOM5HBEPLMF4D773JAS4Z2HLZRRT2ZT63OAD4Z6
16-04	1631	Magnolia	30 chr EAM A05WTP SNVS4JK5NLNCEWT2V5ZB6N3I
16-04	1633	Magnolia	30 chr EAM 4OBVCR HCDJ3V53IWQKYXP34VAZ76TH
16-04	1703	Magnolia	30 chr EAM A05WTP SNVS4JK5NLNCEWT2V5ZB6N3I
16-04	1705	Magnolia	30 chr EAM 4OBVCR HCDJ3V53IWQKYXP34VAZ76TH
16-04	1730	Magnolia	30 chr EAM A05WTP SNVS4JK5NLNCEWT2V5ZB6N3I
16-04	1805	Magnolia	30 chr EAM 4OQEDU ZUPJACIUSYFYORDLQN7HLPWD
16-04	1830	Magnolia	30 chr EAM 4OQEDU ZUPJACIUSYFYORDLQN7HLPWD
16-04	1900	Magnolia	30 chr EAM 4OQEDU ZUPJACIUSYFYORDLQN7HLPWD
16-04	1930	Magnolia	30 chr EAM 4OQEDU ZUPJACIUSYFYORDLQN7HLPWD
16-04	2000	Magnolia	30 chr EAM 4OQEDU ZUPJACIUSYFYORDLQN7HLPWD
16-04	2237	Magnolia	30 chr EAM 4OLYFH HYYZ6CZ66C75EB4HTOVR5O2K
16-04	2300	Magnolia	30 chr EAM 4OLYFH HYYZ6CZ66C75EB4HTOVR5O2K
16-04	2305	Magnolia	30 chr EAM 4OLYFH HYYZ6CZ66C75EB4HTOVR5O2K
16-04	2330	Magnolia	30 chr EAM 4OLYFH HYYZ6CZ66C75EB4HTOVR5O2K
17-04	0000	Tailspin	30 chr EAM 4OLYFH HYYZ6CZ66C75EB4HTOVR5O2K
17-04	0030	Tailspin	30 chr EAM 4OLYFH HYYZ6CZ66C75EB4HTOVR5O2K
17-04	0100	Tailspin	30 chr EAM 4OLYFH HYYZ6CZ66C75EB4HTOVR5O2K
17-04	0432	Tailspin	30 chr EAM 40BMQ2 A4UJRUDMIOXIXJDBYEXP3DHV
17-04	0500	Tailspin	30 chr EAM 40BMQ2 A4UJRUDMIOXIXJDBYEXP3DHV
17-04	0530	Tailspin	30 chr EAM 40BMQ2 A4UJRUDMIOXIXJDBYEXP3DHV
17-04	0600	Tailspin	30 chr EAM 40BMQ2 A4UJRUDMIOXIXJDBYEXP3DHV
17-04	0615	Tailspin	30 chr EAM 4O6X2Y WU7EAHHL2GZEYQXGCAIA7WE6
17-04	0629	Tailspin	30 chr EAM 4O6X2Y WU7EAHHL2GZEYQXGCAIA7WE6
17-04	0631	Tailspin	30 chr EAM 40BMQ2 A4UJRUDMIOXIXJDBYEXP3DHV
17-04	0714	Tailspin	30 chr EAM 4OA2ZM WEC4ZT4UWB4OLMHA03MKUPBY
17-04	0716	Tailspin	30 chr EAM 4O33U2 JIKGPFZC6GNJN6YOJOSNWXH
17-04	1134	Tailspin	30 chr EAM 4OPXJV R3VO7TYP4KJKSZL4SHQ4YJKW
17-04	2200	Tailspin	30 chr EAM 4O4X3P NHCIOYSOXH35NBSQJU4IBCQ3
17-04	2230	Tailspin	30 chr EAM 4O4X3P NHCIOYSOXH35NBSQJU4IBCQ3
18-04	0703	Ridgepole	30 chr EAM 4O64W3 6LKDKEYRJJNQD5HCX6DJTXL
18-04	1355	Ridgepole	30 chr EAM 40KBKR FQDIG6BAWTTSA3NKRY46GLJU
18-04	1601	Ridgepole	39 chr EAM FOQCHE 7CQHKOAJQBP7J3LVIN3S2O4RS7IW6UV3N
18-04	1638	Ridgepole	30 chr EAM 403A7F B5HIIWY4FQNSE3MNTCJN5L6K
18-04	1642	Ridgepole	30 chr EAM 4ONRG2 T6327WJWFGK4HZOFIPCYITPH
18-04	1700	Ridgepole	30 chr EAM 4ONRG2 T6327WJWFGK4HZOFIPCYITPH
18-04	1703	Ridgepole	30 chr EAM 403A7F B5HIIWY4FQNSE3MNTCJN5L6K
18-04	1735	Ridgepole	30 chr EAM 4OZOA6 UPP6INVQ4PTCHPY42EAR2UBT
18-04	1738	Ridgepole	30 chr EAM 4ONRG2 T6327WJWFGK4HZOFIPCYITPH
18-04	1741	Ridgepole	30 chr EAM 403A7F B5HIIWY4FQNSE3MNTCJN5L6K
18-04	1801	Ridgepole	30 chr EAM 4O4X3P NHCIOYSOXH35NBSQJU4IBCQ3
18-04	1804	Ridgepole	30 chr EAM 4OPXJV R3VO7TYP4KJKSZL4SHQ4YJKW
18-04	1806	Ridgepole	30 chr EAM 4O33UZ JIKGPFZC6GNJN6YOJOSNWXH
18-04	1830	Ridgepole	30 chr EAM 4O4X3P NHCIOYSOXH35NBSQJU4IBCQ3
18-04	1832	Ridgepole	30 chr EAM 4OPXJV R3VO7TYP4KJKSZL4SHQ4YJKW
18-04	1834	Ridgepole	30 chr EAM 4O33UZ JIKGPFZC6GNJN6YOJOSNWXH
18-04	1900	Ridgepole	30 chr EAM 4O4X3P NHCIOYSOXH35NBSQJU4IBCQ3
18-04	1903	Ridgepole	30 chr EAM 4OPXJV R3VO7TYP4KJKSZL4SHQ4YJKW

18-04	1905	Ridgepole	30 chr EAM 4O33UZ JIKGPFDC6GNJN6YOJOSNWXH
18-04	2133	Ridgepole	30 chr EAM 4O4F34 ZZCQASZ4AR7HCHOYJWVPH34I
19-04	0032	Tidy Sum	30 chr EAM 4O2SJY LJZVJIN3TLI6XPRIUUNSK2PG
19-04	0100	Tidy Sum	30 chr EAM 4O2SJY LJZVJIN3TLI6XPRIUUNSK2PG
19-04	0130	Tidy Sum	30 chr EAM 4O2SJY LJZVJIN3TLI6XPRIUUNSK2PG
19-04	0201	Tidy Sum	30 chr EAM 4O4F34 ZZCQASZ4AR7HCHOYJWVPH34I
19-04	0230	Tidy Sum	30 chr EAM 4O4F34 ZZCQASZ4AR7HCHOYJWVPH34I
19-04	0531	Tidy Sum	30 chr EAM 4OCATD 73AHRKUUKLGJ5JZBE3K2D65F
19-04	0533	Tidy Sum	30 chr EAM 4OCATD 73AHRKUUKLGJ5JZBE3K2D65F
19-04	0545	Tidy Sum	30 chr EAM 4OAJUS PGYKS6HKU34MFSA3UHNDXWKB
19-04	0558	Tidy Sum	30 chr EAM 4OWC3E J3DZ7JDM2QXEN2EXO6RC2GD4
19-04	0602	Tidy Sum	30 chr EAM 4OWC3E J3DZ7JDM2QXEN2EXO6RC2GD4
19-04	0604	Tidy Sum	30 chr EAM 4OAJUS PGYKS6HKU34MFSA3UHNDXWKB
19-04	0607	Tidy Sum	30 chr EAM 4OCATD 73AHRKUUKLGJ5JZBE3K2D65F
19-04	0630	Tidy Sum	30 chr EAM 4OWC3E J3DZ7JDM2QXEN2EXO6RC2GD4
19-04	0632	Tidy Sum	30 chr EAM 4OAJUS PGYKS6HKU34MFSA3UHNDXWKB
19-04	0635	Tidy Sum	30 chr EAM 4OCATD 73AHRKUUKLGJ5JZBE3K2D65F
19-04	0647	Tidy Sum	30 chr EAM 4OYXEZ SKG3LSH2QY6MI5EHBY3UX6QR
19-04	1235	Tidy Sum	120 chr EAM GVTP6D OCL2RY2EYRMRPZWGIHOXFPLC2CZ6RZRCV3OEEEEYF3HUIAVBN ULNL6KHO3333R2GEFZN3U3W NVNJQVN5555RG7XYOYYCWB3BPKEK3333RJ2U3CYZY
19-04	1247	Tidy Sum	30 chr EAM for Belly Flop FOPIWZ PMS4432WSJAG7KBIRCXLVVG
19-04	1312	Tidy Sum	30 chr EAM 4OR3MV 4YVXO6QAS7GR74X63ARVBSJ2
19-04	1330	Tidy Sum	30 chr EAM 4OT6PR 23Z24QLGP2DZ4VPVUHAUIUTFJ
19-04	1332	Tidy Sum	30 chr EAM 4OSAHU YBSC3GZK6QTUTGH3LF6NU4HZ
19-04	1335	Tidy Sum	30 chr EAM 4OR3MV 4YVXO6QAS7GR74X63ARVBSJ2
19-04	1339	Tidy Sum	30 chr EAM 4OJ26B EF6WJ4BWCG23KVV6MEQ27ZDY
19-04	1344	Tidy Sum	30 chr EAM 4OZPOP WLOGLRBJM5C2PBHSDRYIUKCS
19-04	1346	Tidy Sum	30 chr EAM 4OKN2Q 7RFXJ7JDVJOGJBZJW6U6LX2T
19-04	1349	Tidy Sum	30 chr EAM 4OUHAU SQFFB3WUS3NUELFPBSLO3ZYF
19-04	1351	Tidy Sum	30 chr EAM 4O4PES 46NCMAKAG2GEJXKNFRGK4EOD
19-04	1633	Tidy Sum	30 chr EAM 4OOV6W DPOOVQ5QCP7AMGF65RTQ6YRL
19-04	1700	Tidy Sum	30 chr EAM 4OOV6W DPOOVQ5QCP7AMGF65RTQ6YRL
19-04	1730	Tidy Sum	30 chr EAM 4OOV6W DPOOVQ5QCP7AMGF65RTQ6YRL
19-04	1801	Tidy Sum	30 chr EAM 4OOV6W DPOOVQ5QCP7AMGF65RTQ6YRL
19-04	1830	Tidy Sum	30 chr EAM 4OOV6W DPOOVQ5QCP7AMGF65RTQ6YRL
19-04	2006	Tidy Sum	30 chr EAM 4OWG2B WIYTEZ7Z6Z64EM63U5U4AUQI
19-04	2053	Tidy Sum	39 chr EAM FOIVGK QILLN33G2272CYR42CYKNANPI6M5XQFL7
19-04	2103	Tidy Sum	30 chr EAM 4OY3B7 YTBNHXP3X7YQKMGUWOEQZIF
20-04	0133	Dutch Box	30 chr EAM 4OR72D GZ3PGRMEXP6XY6MBSNK2IDOW
20-04	0203	Dutch Box	30 chr EAM 4OR72D GZ3PGRMEXP6XY6MBSNK2IDOW
20-04	0234	Dutch Box	30 chr EAM 4OR72D GZ3PGRMEXP6XY6MBSNK2IDOW
20-04	0302	Dutch Box	30 chr EAM 4OR72D GZ3PGRMEXP6XY6MBSNK2IDOW
20-04	0330	Dutch Box	30 chr EAM 4OR72D GZ3PGRMEXP6XY6MBSNK2IDOW
20-04	0520	Dutch Box	30 chr EAM 4O6SKI EFTF5VBXFLEMRPFYRLFCZLSU
20-04	0522	Dutch Box	30 chr EAM 4OCQFP EES35WSMWARGC2RQBFXUMBSE
20-04	0532	Dutch Box	30 chr EAM 4OOXD2 QN7MJXL6VKWDGAIASOFELSR7
20-04	0534	Dutch Box	30 chr EAM 4OOXD2 QN7MJXL6VKWDGAIASOFELSR7
20-04	0536	Dutch Box	30 chr EAM 4OCQFP EES35WSMWARGC2RQBFXUMBSE
20-04	0539	Dutch Box	30 chr EAM 4O6SKI EFTF5VBXFLEMRPFYRLFCZLSU
20-04	0548	Dutch Box	30 chr EAM 4OE5SU DDHRDEUY2FJPRFDBW2C7QIEU
20-04	0551	Dutch Box	30 chr EAM 4OFCTJ ZPTD7ELTY4AKG7XFZYIT6VYR
20-04	0600	Dutch Box	30 chr EAM 4OFCTJ ZPTD7ELTY4AKG7XFZYIT6VYR
20-04	0602	Dutch Box	30 chr EAM 4OE5SU DDHRDEUY2FJPRFDBW2C7QIEU
20-04	0605	Dutch Box	30 chr EAM 4OOXD2 QN7MJXL6VKWDGAIASOFELSR7
20-04	0631	Dutch Box	30 chr EAM 4OFCTJ ZPTD7ELTY4AKG7XFZYIT6VYR
20-04	0633	Dutch Box	30 chr EAM 4OE5SU DDHRDEUY2FJPRFDBW2C7QIEU
20-04	0636	Dutch Box	30 chr EAM 4OOXD2 QN7MJXL6VKWDGAIASOFELSR7
20-04	0639	Dutch Box	30 chr EAM 4OHL2O X6M2VG4GQMP7ZR6OFKPEVIOT
20-04	1532	Dutch Box	30 chr EAM 4OF5ZJ I7LTOD6O247MQRGGUZ3PZXHA
20-04	1536	Dutch Box	30 chr EAM 4OF5ZJ I7LTOD6O247MQRGGUZ3PZXHA
20-04	1538	Dutch Box	30 chr EAM 4OLEF2 PHGOSSQV7ZP7D7EXLOFTKAL5
20-04	1541	Dutch Box	30 chr EAM 4OMZ2P T7LHJCCJWIZG2OULRK2MPCSQ

20-04	1545	Dutch Box	30 chr EAM 4OIOEB UWC43NO6BCZXOJCXAPXBV5IK
20-04	1605	Dutch Box	30 chr EAM 4OTKXT LJ2H6WFELUKSEMU3LOQCG2HK
20-04	1647	Dutch Box	30 chr EAM for Cordina FOFVPZ DJEPNIR7PRYZWEVOGTHSVHAF
20-04	1705	Dutch Box	30 chr EAM for Cordina FON5VM 6MMD3JGSSDOKL36RGVYVWJ7FL
20-04	1707	Dutch Box	30 chr EAM 4OTKXT LJ2H6WFELUKSEMU3LOQCG2HK
20-04	1730	Dutch Box	30 chr EAM for Cordina FO5Y4Q IQ5CVLBU6I7JY6AHSZV27QF3
20-04	1733	Dutch Box	30 chr EAM 4OTKXT LJ2H6WFELUKSEMU3LOQCG2HK
20-04	1748	Dutch Box	30 chr EAM FOPVR3 SOZK6TUOOUUVZGAJWXM03JBP
20-04	1800	Dutch Box	30 chr EAM 4OTKXT LJ2H6WFELUKSEMU3LOQCG2HK
20-04	1816	Dutch Box	30 chr EAM for Cordina FOCK4P LVPMOK35DIQAFEIOUKCY3TEW
20-04	1829	Dutch Box	30 chr EAM 4OTKXT LJ2H6WFELUKSEMU3LOQCG2HK
20-04	2027	Dutch Box	50 chr EAM FO7HSA LCVV33XHHMOTZUQUO6OWSMDM2YTJPHPNTJDJPNTJ7OPV
20-04	2033	Dutch Box	30 chr EAM FO2F2V EMBZQBHP5RADAAXGTOR5G6EN
20-04	2039	Dutch Box	30 chr EAM FO2F2V EMBZQBHP5RADAAXGTOR5G6EN
20-04	2041	Dutch Box	50 chr EAM FO7HSA LCVV33XHHMOTZUQUO6OWSMDM2YTJPHPNTJDJPNTJ7OPV
20-04	2102	Dutch Box	30 chr EAM 4OKYQU WW53VNID4CVCSBY643R2O6YP
20-04	2103	Dutch Box	30 chr EAM 4O4HPJ VCWLCUY33LULJBTWM7CVXDTB
20-04	2106	Dutch Box	30 chr EAM 4OE2CG OLB6LOI7DN6FX4AYSJRLXFIE
20-04	2109	Dutch Box	30 chr EAM 4OKYQU WW53VNID4CVCSBY643R2O6YP
21-04	1246	Black Day	30 chr EAM for Assess? FOSETL VTBWX6EZ37PX2LAOARHN4KD5
21-04	1317	Black Day	30 chr EAM 4OW5XL WWL4ZSB4CQQHOBE6KA3HXJSD
21-04	1331	Black Day	30 chr EAM 4OR4TI Q5JFKZPCBKH24YVZAA2SAWY4
21-04	1333	Black Day	30 chr EAM 4OR4TI Q5JFKZPCBKH24YVZAA2SAWY4
21-04	1335	Black Day	30 chr EAM 4OW5XL WWL4ZSB4CQQHOBE6KA3HXJSD
21-04	1347	Black Day	30 chr EAM 4OACUH JYPDXLYKL7QP6PFJ6GZH2J76
21-04	1404	Black Day	30 chr EAM 4O6WV6 E3R5KL3JG7WLOVESYJCJ7QOW
21-04	1406	Black Day	30 chr EAM 4OACUH JYPDXLYKL7QP6PFJ6GZH2J76
21-04	1409	Black Day	30 chr EAM 4OR4TI Q5JFKZPCBKH24YVZAA2SAWY4
21-04	1412	Black Day	30 chr EAM 4OW5XL WWL4ZSB4CQQHOBE6KA3HXJSD
21-04	1430	Black Day	30 chr EAM 4O6WV6 E3R5KL3JG7WLOVESYJCJ7QOW
21-04	1432	Black Day	30 chr EAM 4OACUH JYPDXLYKL7QP6PFJ6GZH2J76
21-04	1435	Black Day	30 chr EAM 4OR4TI Q5JFKZPCBKH24YVZAA2SAWY4
21-04	1604	Black Day	30 chr EAM FO6KSP QGLV7Z4KX6D2BS6N3GA6J6P2
21-04	1610	Black Day	51 chr EAM FOKKBB RWYXZQADHYQLFFZ7LFF6CADBSKD4P3BDTADKSKQU6JD4E
21-04	1637	Black Day	30 chr EAM FOYD76 JQ6EIBIQFUSYYBPDFD37LZGP
21-04	1700	Black Day	68 chr EAM FOQAMF 5IGBPGB7NYMCCPLNWC06TIS6P2SFFQXXDF5KXXDFKFXDFFQXXDF5DXXSFKSXK
21-04	1730	Black Day	68 chr EAM FOVMTC VYGGZAZPTYBYJFUH3SQPRXHBRH3V4DUR3VSDUR3VHDU63VJDUR3VVDU633ED2
21-04	1856	Black Day	30 chr EAM 4OD4HH 3VNU3TJJRKACBAS6I4UC7EHK
21-04	1859	Black Day	30 chr EAM 4OG3EZ RYRICLXQKBF4MZ4RJT2LFWAJ
21-04	1901	Black Day	30 chr EAM 4OG3EZ RYRICLXQKBF4MZ4RJT2LFWAJ
21-04	1903	Black Day	30 chr EAM 4OD4HH 3VNU3TJJRKACBAS6I4UC7EHK
21-04	1931	Black Day	30 chr EAM 4OG3EZ RYRICLXQKBF4MZ4RJT2LFWAJ
21-04	2000	Black Day	30 chr EAM 4OG3EZ RYRICLXQKBF4MZ4RJT2LFWAJ
21-04	2005	Black Day	30 chr EAM 4O3TDW PMVG2KUSTNPLAF5VPX3E4XZI
21-04	2012	Black Day	30 chr EAM 4OG3EZ RYRICLXQKBF4MZ4RJT2LFWAJ
21-04	2015	Black Day	30 chr EAM 4OD4HH 3VNU3TJJRKACBAS6I4UC7EHK
21-04	2018	Black Day	30 chr EAM 4OVYI3 G6XPT25RDLHVWZCBWXT4GW3D
21-04	2030	Black Day	30 chr EAM 4OVYI3 G6XPT25RDLHVWZCBWXT4GW3D
21-04	2033	Black Day	30 chr EAM 4OEGWN ASGTYCJ6GLNPLWQYELHCT6LI
21-04	2035	Black Day	30 chr EAM 4O3TDW PMVG2KUSTNPLAF5VPX3E4XZI
21-04	2041	Black Day	30 chr EAM 4O7K3K LYLOIOZ42CLEJ32E22UN3EHA
21-04	2045	Black Day	30 chr EAM 4OUSI7 FQW47V7WCCZOMU56F34UEBLY
21-04	2048	Black Day	30 chr EAM 4OUSI7 FQW47V7WCCZOMU56F34UEBLY
21-04	2100	Black Day	30 chr EAM 4OUSI7 FQW47V7WCCZOMU56F34UEBLY
21-04	2102	Black Day	30 chr EAM 4O7K3K LYLOIOZ42CLEJ32E22UN3EHA
21-04	2104	Black Day	30 chr EAM 4OVYI3 G6XPT25RDLHVWZCBWXT4GW3D
21-04	2130	Black Day	30 chr EAM 4OUSI7 FQW47V7WCCZOMU56F34UEBLY
21-04	2132	Black Day	30 chr EAM 4O7K3K LYLOIOZ42CLEJ32E22UN3EHA
21-04	2134	Black Day	30 chr EAM 4OVYI3 G6XPT25RDLHVWZCBWXT4GW3D
21-04	2200	Black Day	30 chr EAM 4OUSI7 FQW47V7WCCZOMU56F34UEBLY

21-04	2202	Black Day	30 chr EAM 4O7K3K LYLOIOZ42CLEJ32E22UN3EHA
21-04	2205	Black Day	30 chr EAM 4OVYI3 G6XPT25RDLHVWZCBWXT4GW3D
21-04	2230	Black Day	30 chr EAM 4OUI7 FQW47V7WCCZOMU56F34UEBLY
21-04	2232	Black Day	30 chr EAM 4O7K3K LYLOIOZ42CLEJ32E22UN3EHA
21-04	2234	Black Day	30 chr EAM 4OVYI3 G6XPT25RDLHVWZCBWXT4GW3D
21-04	2300	Black Day	30 chr EAM 4OUI7 FQW47V7WCCZOMU56F34UEBLY
21-04	2302	Black Day	30 chr EAM 4O7K3K LYLOIOZ42CLEJ32E22UN3EHA
22-04	0032	Skybound	30 chr EAM 4ONSTS D7DJ5BE7UCB34VYEMEKCVJXH
22-04	0130	Skybound	30 chr EAM 4ONSTS D7DJ5BE7UCB34VYEMEKCVJXH
22-04	0200	Skybound	30 chr EAM 4ONSTS D7DJ5BE7UCB34VYEMEKCVJXH
22-04	1702	Skybound	30 chr EAM 4OYR6Q WTLH3QI5E4UQFHLW56EVQ7O4
22-04	1730	Skybound	30 chr EAM 4OYR6Q WTLH3QI5E4UQFHLW56EVQ7O4
22-04	1800	Skybound	30 chr EAM 4OYR6Q WTLH3QI5E4UQFHLW56EVQ7O4
22-04	1830	Skybound	30 chr EAM 4OYR6Q WTLH3QI5E4UQFHLW56EVQ7O4
22-04	1900	Skybound	30 chr EAM 4OYR6Q WTLH3QI5E4UQFHLW56EVQ7O4
22-04	1935	Skybound	30 chr EAM 4O4TWX SKGUV7I6AZAB26GSUPVFCY6
22-04	2000	Skybound	30 chr EAM 4O4TWX SKGUV7I6AZAB26GSUPVFCY6
22-04	2017	Skybound	30 chr EAM 4OY2JQ IB4463ZP6PELJZW4FQGPC4LJ
22-04	2030	Skybound	30 chr EAM 4OY2JQ IB4463ZP6PELJZW4FQGPC4LJ
22-04	2032	Skybound	30 chr EAM 4O4TWX SKGUV7I6AZAB26GSUPVFCY6
22-04	2130	Skybound	30 chr EAM 4OY2JQ IB4463ZP6PELJZW4FQGPC4LJ
22-04	2132	Skybound	30 chr EAM 4O4TWX SKGUV7I6AZAB26GSUPVFCY6
22-04	2200	Skybound	30 chr EAM 4OY2JQ IB4463ZP6PELJZW4FQGPC4LJ
22-04	2203	Skybound	30 chr EAM 4O4TWX SKGUV7I6AZAB26GSUPVFCY6
22-04	2330	Skybound	30 chr EAM 4OY2JQ IB4463ZP6PELJZW4FQGPC4LJ
23-04	0454	Bagpipe	30 chr EAM 4ODK6Q FQE4QBQMCECXUCH2RP56EGHC
23-04	0457	Bagpipe	30 chr EAM 4OI34G 7DYYGDY2T6SAZHWTUUY42KGV
23-04	0501	Bagpipe	30 chr EAM 4OI34G 7DYYGDY2T6SAZHWTUUY42KGV
23-04	0503	Bagpipe	30 chr EAM 4ODK6Q FQE4QBQMCECXUCH2RP56EGHC
23-04	0530	Bagpipe	30 chr EAM 4OJNLG TIJCN2XGQ5Y4DTCTNP4VRCOA
23-04	0532	Bagpipe	30 chr EAM 4OI2LH LVPA4ZTLJIJRMPOPNNICTNAW
23-04	0534	Bagpipe	30 chr EAM 4OI2LH LVPA4ZTLJIJRMPOPNNICTNAW
23-04	0536	Bagpipe	30 chr EAM 4OJNLG TIJCN2XGQ5Y4DTCTNP4VRCOA
23-04	0547	Bagpipe	30 chr EAM 4O4WT3 Y6HDNUDIZICYRJX4VLO35SYC
23-04	1928	Bagpipe	50 chr EAM FOLS4X WK65DGKP2LAPRPQCVWR66JZH3IEIFSRNEIVIRNEIL4R4
23-04	1933	Bagpipe	30 chr EAM FO4GSY DNNPOME6GLRWJDZVPQ7CIJ4Q
23-04	1937	Bagpipe	30 chr EAM FOEG3W F3IWMWOD7HP3EDKZMI6CHC52
23-04	1959	Bagpipe	30 chr EAM FOEG3W F3IWMWOD7HP3EDKZMI6CHC52
23-04	2002	Bagpipe	30 chr EAM FO4GSY DNNPOME6GLRWJDZVPQ7CIJ4Q
23-04	2012	Bagpipe	30 chr EAM 4OATQN 2H2BCE3APLOIWXFFFG67OK4R
23-04	2014	Bagpipe	30 chr EAM 4ORKRK EFXQVZGFAXTHBMVBYDFZS2JE
23-04	2018	Bagpipe	30 chr EAM 4O5URL LYEABU66NL4KIFYVPQT36ZF
23-04	2030	Bagpipe	30 chr EAM 4O5URL LYEABU66NL4KIFYVPQT36ZF
23-04	2033	Bagpipe	30 chr EAM 4ORKRK EFXQVZGFAXTHBMVBYDFZS2JE
23-04	2035	Bagpipe	30 chr EAM 4O2ZU6 G77VBW3LAPYVBS2VLRJET4F7
23-04	2038	Bagpipe	30 chr EAM 4OATQN 2H2BCE3APLOIWXFFFG67OK4R
23-04	2100	Bagpipe	30 chr EAM 4O2ZU6 G77VBW3LAPYVBS2VLRJET4F7
23-04	2103	Bagpipe	30 chr EAM 4O5URL LYEABU66NL4KIFYVPQT36ZF
23-04	2106	Bagpipe	30 chr EAM 4ORKRK EFXQVZGFAXTHBMVBYDFZS2JE
23-04	2130	Bagpipe	30 chr EAM 4O2ZU6 G77VBW3LAPYVBS2VLRJET4F7
23-04	2132	Bagpipe	30 chr EAM 4O5URL LYEABU66NL4KIFYVPQT36ZF
23-04	2134	Bagpipe	30 chr EAM 4ORKRK EFXQVZGFAXTHBMVBYDFZS2JE
23-04	2200	Bagpipe	30 chr EAM 4ORKRK EFXQVZGFAXTHBMVBYDFZS2JE
23-04	2203	Bagpipe	30 chr EAM 4OH6UW 342MVLUSJFV3VMDR32PB2T6O
23-04	2205	Bagpipe	30 chr EAM 4O5URL LYEABU66NL4KIFYVPQT36ZF
23-04	2230	Bagpipe	30 chr EAM 4OH6UW 342MVLUSJFV3VMDR32PB2T6O
23-04	2233	Bagpipe	30 chr EAM 4O2ZU6 G77VBW3LAPYVBS2VLRJET4F7
23-04	2235	Bagpipe	30 chr EAM 4O2ZU6 G77VBW3LAPYVBS2VLRJET4F7
23-04	2242	Bagpipe	30 chr EAM 4OTIQX V2PGIVT2FHDAEPJ4B3L6BNI7
23-04	2300	Bagpipe	30 chr EAM 4OTIQX V2PGIVT2FHDAEPJ4B3L6BNI7
23-04	2302	Bagpipe	30 chr EAM 4OH6UW 342MVLUSJFV3VMDR32PB2T6O
23-04	2304	Bagpipe	30 chr EAM 4O2ZU6 G77VBW3LAPYVBS2VLRJET4F7

23-04	2330	Bagpipe	30 chr EAM 4OTIQX V2PGIVT2FHDAEPJ4B3L6BNI7
23-04	2332	Bagpipe	30 chr EAM 4OJMEA 77YWG3NTE2YPYWK4LI6HXR
23-04	2335	Bagpipe	30 chr EAM 4OH6UW 342MVLUSJFV3VMDR32PB2T6O
23-04	2338	Bagpipe	30 chr EAM 4O2ZU6 G77VBW3LAPYVBS2VLR
24-04	0000	Choke Rod	30 chr EAM 4OJMEA 77YWG3NTE2YPYWK4LI6HXR
24-04	0002	Choke Rod	30 chr EAM 4OTIQX V2PGIVT2FHDAEPJ4B3L6BNI7
24-04	0004	Choke Rod	30 chr EAM 4OH6UW 342MVLUSJFV3VMDR32PB2T6O
24-04	0030	Choke Rod	30 chr EAM 4OJMEA 77YWG3NTE2YPYWK4LI6HXR
24-04	0032	Choke Rod	30 chr EAM 4OTIQX V2PGIVT2FHDAEPJ4B3L6BNI7
24-04	0039	Choke Rod	30 chr EAM 4OJMEA 77YWG3NTE2YPYWK4LI6HXR
24-04	0041	Choke Rod	30 chr EAM 4OTIQX V2PGIVT2FHDAEPJ4B3L6BNI7
24-04	0044	Choke Rod	30 chr EAM 4OH6UW 342MVLUSJFV3VMDR32PB2T6O
24-04	0057	Choke Rod	34 chr EAM FO2UJQ Y63US5V7KHZE4JTBK3VB655NT4IG
24-04	0102	Choke Rod	30 chr EAM 4OJMEA 77YWG3NTE2YPYWK4LI6HXR
24-04	0104	Choke Rod	30 chr EAM 4OTIQX V2PGIVT2FHDAEPJ4B3L6BNI7
24-04	0106	Choke Rod	30 chr EAM 4OH6UW 342MVLUSJFV3VMDR32PB2T6O
24-04	0136	Choke Rod	30 chr EAM 4OJMEA 77YWG3NTE2YPYWK4LI6HXR
24-04	1633	Choke Rod	30 chr EAM 4OF2LJ XAPHP6FIDYV632ABMDQYIEF
24-04	1700	Choke Rod	30 chr EAM 4OF2LJ XAPHP6FIDYV632ABMDQYIEF
24-04	1730	Choke Rod	30 chr EAM 4OF2LJ XAPHP6FIDYV632ABMDQYIEF
24-04	1734	Choke Rod	114 chr EAM GVERDU HPOONDA4WTTORHU6PUFTH45EJGTY7XO36H77E2KKSONP TTUOGR5ZEG4OQM7PQKLP5O3TN7G2TQTRQMJIHXIJAFYOAW5736IC2OUEK5REG
24-04	1944	Choke Rod	30 chr EAM 4OD66C 5KB7FIXO7LCBXUTNH3HWNBFK
24-04	2244	Choke Rod	30 chr EAM 4O44KE JCYPVNLOWAZGYVFENYXMESJC
24-04	2300	Choke Rod	30 chr EAM 4O44KE JCYPVNLOWAZGYVFENYXMESJC
24-04	2330	Choke Rod	30 chr EAM 4O44KE JCYPVNLOWAZGYVFENYXMESJC
24-04	2332	Choke Rod	30 chr EAM 4OPJV3 H7ZZBGXFD27L53JK7QRTPCUF
25-04	0000	Brown Rat	30 chr EAM 4OPJV3 H7ZZBGXFD27L53JK7QRTPCUF
25-04	0003	Brown Rat	30 chr EAM 4O44KE JCYPVNLOWAZGYVFENYXMESJC
25-04	0028	Brown Rat	30 chr EAM 4OF7HZ SME46WFR24XWJSVRKQSGJTAF
25-04	0031	Brown Rat	30 chr EAM 4OF7HZ SME46WFR24XWJSVRKQSGJTAF
25-04	0034	Brown Rat	30 chr EAM 4OPJV3 H7ZZBGXFD27L53JK7QRTPCUF
25-04	0036	Brown Rat	30 chr EAM 4O44KE JCYPVNLOWAZGYVFENYXMESJC
25-04	0100	Brown Rat	30 chr EAM 4OF7HZ SME46WFR24XWJSVRKQSGJTAF
25-04	0102	Brown Rat	30 chr EAM 4OPJV3 H7ZZBGXFD27L53JK7QRTPCUF
25-04	0128	Brown Rat	30 chr EAM 4OF7HZ SME46WFR24XWJSVRKQSGJTAF
25-04	0130	Brown Rat	30 chr EAM 4OPJV3 H7ZZBGXFD27L53JK7QRTPCUF
25-04	0200	Brown Rat	30 chr EAM 4OF7HZ SME46WFR24XWJSVRKQSGJTAF
25-04	1643	Brown Rat	30 chr EAM 4O4Y4D IBKSQPNWW54CERHPL3XOHTCY
25-04	1648	Brown Rat	30 chr EAM 4OYDQE XI3NJNDT2T5VE7IWJY64O2NY
25-04	1700	Brown Rat	30 chr EAM 4OYDQE XI3NJNDT2T5VE7IWJY64O2NY
25-04	1702	Brown Rat	30 chr EAM 4O4Y4D IBKSQPNWW54CERHPL3XOHTCY
25-04	1704	Brown Rat	30 chr EAM 4OAZCP 236SNCATZBVNOKLGNKO5CAI4
25-04	1730	Brown Rat	69 chr EAM FOE33I G3UWPRPOGJWSXBBWFOBUTJWMXBBMNNOGWZFRELHCV6ETR25MCEOZHAYXFETTCC3
25-04	1734	Brown Rat	30 chr EAM 4OYDQE XI3NJNDT2T5VE7IWJY64O2NY
25-04	1737	Brown Rat	30 chr EAM 4O4Y4D IBKSQPNWW54CERHPL3XOHTCY
25-04	1739	Brown Rat	30 chr EAM 4OAZCP 236SNCATZBVNOKLGNKO5CAI4
25-04	1800	Brown Rat	30 chr EAM 4OYDQE XI3NJNDT2T5VE7IWJY64O2NY
25-04	1802	Brown Rat	30 chr EAM 4O4Y4D IBKSQPNWW54CERHPL3XOHTCY
25-04	1805	Brown Rat	30 chr EAM 4OAZCP 236SNCATZBVNOKLGNKO5CAI4
25-04	1810	Brown Rat	30 chr EAM 4OPA3G JQRQABOED3IA3W7TVT2QDERC
25-04	1813	Brown Rat	30 chr EAM 4OV4LW GOJP4Q3KH36YZTXIFUWRL4CD
25-04	1815	Brown Rat	30 chr EAM 4OMXW6 HHQNW3MXVTL4Q4CEDLBG4XM3
25-04	1826	Brown Rat	30 chr EAM 4OCFHQ HRSPCRWCH6ULLNVXASKXRNL2
25-04	1830	Brown Rat	30 chr EAM 4OCFHQ HRSPCRWCH6ULLNVXASKXRNL2
25-04	1832	Brown Rat	30 chr EAM 4OMXW6 HHQNW3MXVTL4Q4CEDLBG4XM3
25-04	1834	Brown Rat	30 chr EAM 4OV4LW GOJP4Q3KH36YZTXIFUWRL4CD
25-04	1900	Brown Rat	30 chr EAM 4OYDQE XI3NJNDT2T5VE7IWJY64O2NY
25-04	1903	Brown Rat	30 chr EAM 4O4Y4D IBKSQPNWW54CERHPL3XOHTCY
25-04	1905	Brown Rat	30 chr EAM 4OAZCP 236SNCATZBVNOKLGNKO5CAI4
25-04	1930	Brown Rat	30 chr EAM 4OCFHQ HRSPCRWCH6ULLNVXASKXRNL2

25-04	1932	Brown Rat	30 chr EAM 4OMXW6 HHQNW3MXVTL4Q4CEDLBG4XM3
25-04	1934	Brown Rat	30 chr EAM 4OV4LW GOJP4Q3KH36YZTXIFUWRL4CD
25-04	2000	Brown Rat	30 chr EAM 4OCFHQ HRSPCRWCH6ULLNVXASKXRNL2
25-04	2002	Brown Rat	30 chr EAM 4OCFHQ HRSPCRWCH6ULLNVXASKXRNL2
25-04	2004	Brown Rat	30 chr EAM 4OMXW6 HHQNW3MXVTL4Q4CEDLBG4XM3
25-04	2006	Brown Rat	30 chr EAM 4OV4LW GOJP4Q3KH36YZTXIFUWRL4CD
25-04	2030	Brown Rat	30 chr EAM 4OCFHQ HRSPCRWCH6ULLNVXASKXRNL2
25-04	2032	Brown Rat	30 chr EAM 4OMXW6 HHQNW3MXVTL4Q4CEDLBG4XM3
25-04	2044	Brown Rat	30 chr EAM 4OV4LW GOJP4Q3KH36YZTXIFUWRL4CD
26-04	0404	Ring Dove	30 chr EAM 4OBSIF 6Q75U7RDDGK3BPGUKTFCPJBR
26-04	0414	Ring Dove	30 chr EAM 4OBSIF 6Q75U7RDDGK3BPGUKTFCPJBR
26-04	0432	Ring Dove	30 chr EAM 4OBSIF 6Q75U7RDDGK3BPGUKTFCPJBR
26-04	0500	Ring Dove	30 chr EAM 4OBSIF 6Q75U7RDDGK3BPGUKTFCPJBR
26-04	0530	Ring Dove	30 chr EAM 4OGY2H CDK3X22WFYTPL2IQ2JD2UQAF
26-04	0533	Ring Dove	30 chr EAM 4OAOQN TOWJDPX5ANDNX45O3S3ZAF24
26-04	0536	Ring Dove	30 chr EAM 4OAOQN TOWJDPX5ANDNX45O3S3ZAF24
26-04	0538	Ring Dove	30 chr EAM 4OGY2H CDK3X22WFYTPL2IQ2JD2UQAF
26-04	0541	Ring Dove	30 chr EAM 4OBSIF 6Q75U7RDDGK3BPGUKTFCPJBR
26-04	0546	Ring Dove	30 chr EAM 4O6VEH BAB3F4TCZ472TQ6J4FNEJP7Q
26-04	0559	Ring Dove	30 chr EAM 4O6VEH BAB3F4TCZ472TQ6J4FNEJP7Q
26-04	0601	Ring Dove	30 chr EAM 4OAOQN TOWJDPX5ANDNX45O3S3ZAF24
26-04	0604	Ring Dove	30 chr EAM 4OGY2H CDK3X22WFYTPL2IQ2JD2UQAF
26-04	1637	Brown Rat	30 chr EAM 4OAZCP 236SNCATZBVNOKLGNKO5CAI4
26-04	2042	Ring Dove	30 chr EAM 4OBYZR SWSWXIDFAHTKPQ3XW4JLVIDX
26-04	2045	Ring Dove	30 chr EAM 4OIQSC RWFATIHRNTML327NSOZXBMUN
26-04	2048	Ring Dove	30 chr EAM 4OBYZR SWSWXIDFAHTKPQ3XW4JLVIDX
26-04	2052	Ring Dove	30 chr EAM 4OIQSC RWFATIHRNTML327NSOZXBMUN
26-04	2059	Ring Dove	30 chr EAM 4OIQSC RWFATIHRNTML327NSOZXBMUN
26-04	2102	Ring Dove	30 chr EAM 4O3RFG QXW7TGVPTKPNXIKWS4DTCKRG
26-04	2104	Ring Dove	30 chr EAM 4OBYZR SWSWXIDFAHTKPQ3XW4JLVIDX
26-04	2106	Ring Dove	30 chr EAM 4O3RFG QXW7TGVPTKPNXIKWS4DTCKRG
27-04	0322	Surprise	30 chr EAM 4OGZ47 YVF4LWH5SBEFKQNAIDZKROV
27-04	0325	Surprise	30 chr EAM 4OZL7O I3L7U7NKT6WJV2ISQCBN74
27-04	0329	Surprise	30 chr EAM 4OZL7O I3L7U7NKT6WJV2ISQCBN74
27-04	0333	Surprise	30 chr EAM 4OME7L S34SQ7CPUPVJKV6FU62BOFMJ
27-04	0336	Surprise	30 chr EAM 4OGZ47 YVF4LWH5SBEFKQNAIDZKROV
27-04	0355	Surprise	30 chr EAM 4O6N5D 6H4DLQUGFQETPJSUGEZQMFBH
27-04	0358	Surprise	30 chr EAM 4OGCAG 7VUJ5GV7ZYWFSXBWO2BCEUK6
27-04	0402	Surprise	30 chr EAM 4OPP6 S7SXYTGHKOIT2PCKGBWLIOG2
27-04	0405	Surprise	30 chr EAM 4OPP6 S7SXYTGHKOIT2PCKGBWLIOG2
27-04	0407	Surprise	30 chr EAM 4OGCAG 7VUJ5GV7ZYWFSXBWO2BCEUK6
27-04	0409	Surprise	30 chr EAM 4O6N5D 6H4DLQUGFQETPJSUGEZQMFBH
27-04	0412	Surprise	30 chr EAM 4OPP6 S7SXYTGHKOIT2PCKGBWLIOG2
27-04	0415	Surprise	30 chr EAM 4O6N5D 6H4DLQUGFQETPJSUGEZQMFBH
27-04	0418	Surprise	30 chr EAM 4OGCAG 7VUJ5GV7ZYWFSXBWO2BCEUK6
27-04	0557	Surprise	30 chr EAM 4OE3ON 4YN6GBN2DSFCDPKCENQIDKU7
27-04	0600	Surprise	30 chr EAM 4OE3ON 4YN6GBN2DSFCDPKCENQIDKU7
27-04	0603	Surprise	30 chr EAM FOWKKG KVKZK7WVJEA6LXFQD2AWEM
27-04	0607	Surprise	30 chr EAM FOUVX4 IF5BWPYLCXNIW3QANAODDWOC
27-04	0615	Surprise	30 chr EAM FOEQOZ B4H2BRETH4ER7LMI5X5GPCDR
27-04	0625	Surprise	30 chr EAM YYBBNI BF53LBI5SF63E53JSY5T5H7S
27-04	0629	Surprise	30 chr EAM 4OE3ON 4YN6GBN2DSFCDPKCENQIDKU7
27-04	0702	Surprise	30 chr EAM 4OE3ON 4YN6GBN2DSFCDPKCENQIDKU7
27-04	0730	Surprise	30 chr EAM 4OE3ON 4YN6GBN2DSFCDPKCENQIDKU7
27-04	1406	Surprise	39 chr EAM YY3RPV EHQRLE5EE3ZZN3O7ZNY6JXXDLQTHDK4ZN
27-04	1430	Surprise	39 chr EAM YY3RPV EHQRLE5EE3ZZN3O7ZNY6JXXDLQTHDK4ZN
27-04	1549	Surprise	30 chr EAM DBFEAZ D2WHDHYVZHWQHLYD4B7HENP7
27-04	1553	Surprise	30 chr EAM DBUKAY O56CJUVD2ZSAE7LSI7NRQZ6V
27-04	1600	Surprise	30 chr EAM DBUKAY O56CJUVD2ZSAE7LSI7NRQZ6V
27-04	1602	Surprise	30 chr EAM DBFEAZ D2WHDHYVZHWQHLYD4B7HENP7
27-04	1630	Surprise	30 chr EAM DBUKAY O56CJUVD2ZSAE7LSI7NRQZ6V
27-04	1633	Surprise	30 chr EAM DBFEAZ D2WHDHYVZHWQHLYD4B7HENP7

27-04	2140	Surprise	158 chr EAM GV6UID DQCOV657R4G4ZHJWXJBYOJ6434QJG646GKKFFFFUIJ7IVIIYAH K7BWB5BTTTAAZHCEZE6ZWNEMQLQIM3333DNFWZB6JJ6LZYCYQ74AAAATLZDREZ 22XYRZRXHRUICYGVMVMBA6J6L42WWWWG43OS5KG6
27-04	2315	Surprise	30 chr EAM DBFBZ7 NP24F7U3IFZV7YNBRUVSFOC
28-04	0102	Tarragon	30 chr EAM DBH7PC URWSMGHEL3RDXUJ4J7TPVWYL
28-04	0134	Tarragon	30 chr EAM DBH7PC URWSMGHEL3RDXUJ4J7TPVWYL
28-04	0202	Tarragon	30 chr EAM DBH7PC URWSMGHEL3RDXUJ4J7TPVWYL
28-04	0233	Tarragon	30 chr EAM DBH7PC URWSMGHEL3RDXUJ4J7TPVWYL
28-04	1333	Tarragon	30 chr EAM for Cope YYTPP6 7WT77KIC7QT6U125BXHWSK4V
28-04	1352	Tarragon	30 chr EAM for Cope YYAJAF SGZRFHPCM4DKP3SCLFBX5I4P
28-04	1518	Tarragon	30 chr EAM DBSTIZ GDLVC5IBRUTZWUXUK7AJRCNGS
28-04	1716	Tarragon	30 chr EAM DBRGEM 2OEVEYWI3LCLXEIZEFFKCP3A
28-04	1733	Tarragon	30 chr EAM DBRGEM 2OEVEYWI3LCLXEIZEFFKCP3A
28-04	1800	Tarragon	30 chr EAM DBRGEM 2OEVEYWI3LCLXEIZEFFKCP3A
28-04	1803	Tarragon	30 chr EAM for Cope YYMANX GL66UWJWOIS7ZJZHFO5XYZIE
28-04	1822	Tarragon	30 chr EAM for Cope YYXCQ7 ACESTUJA732UV5DB6DJ6OFCV
28-04	1830	Tarragon	30 chr EAM DBRGEM 2OEVEYWI3LCLXEIZEFFKCP3A
28-04	1842	Tarragon	30 chr EAM for Cope YYNANA HFH5S14XHP2F5BWH3Z5MKFKX
28-04	1900	Tarragon	30 chr EAM DBRGEM 2OEVEYWI3LCLXEIZEFFKCP3A
28-04	2003	Tarragon	30 chr EAM DBUIC4 VSBJZTC3TRYWW2AQS3E6DONJ
28-04	2030	Tarragon	30 chr EAM DBUIC4 VSBJZTC3TRYWW2AQS3E6DONJ
28-04	2100	Tarragon	30 chr EAM DBUIC4 VSBJZTC3TRYWW2AQS3E6DONJ
29-04	0102	Blow Fuse	30 chr EAM DB2EJD 7USEE65J533LOT4KM4EMS3C
29-04	0133	Blow Fuse	30 chr EAM DB2EJD 7USEE65J533LOT4KM4EMS3C
29-04	0202	Blow Fuse	30 chr EAM DB2EJD 7USEE65J533LOT4KM4EMS3C
29-04	0644	Blow Fuse	30 chr EAM DB3732 WVJAPGUHFEUJC6HVGIZAWSQ
29-04	2002	Blow Fuse	30 chr EAM DBKN36 QJVV7IHFLV66PEWAZYCJWQ4U
29-04	2030	Blow Fuse	30 chr EAM DBKN36 QJVV7IHFLV66PEWAZYCJWQ4U
29-04	2100	Blow Fuse	30 chr EAM DBKN36 QJVV7IHFLV66PEWAZYCJWQ4U
29-04	2123	Blow Fuse	30 chr EAM DBW7CF Q5PC6SOOYS5NOLGHHLFJCVXK
29-04	2125	Blow Fuse	30 chr EAM DB6OUM OXGXZFNWSRGFK26HB2SX2UEV
29-04	2130	Blow Fuse	30 chr EAM DB6OUM OXGXZFNWSRGFK26HB2SX2UEV
29-04	2132	Blow Fuse	30 chr EAM DBBNN2 VG33EH6JELNAO737T3GMT3SP
29-04	2135	Blow Fuse	30 chr EAM DB6OUM OXGXZFNWSRGFK26HB2SX2UEV
29-04	2137	Blow Fuse	30 chr EAM DBW7CF Q5PC6SOOYS5NOLGHHLFJCVXK
29-04	2139	Blow Fuse	30 chr EAM DBKN36 QJVV7IHFLV66PEWAZYCJWQ4U
29-04	2148	Blow Fuse	30 chr EAM DB6I3L CZ3E4OWWWRSWF75BVPZJYFPC
30-04	1508	Nightfall	30 chr EAM for Aymee? YYL26L PYYLX5LXTTHRLNIMRXVJACKQ
30-04	1523	Nightfall	30 chr EAM for Aymee? YYKPU4 Z6AONCSA5CVMMT4OZXP3GHYE
30-04	1543	Nightfall	30 chr EAM for Aymee? YYWBRE 5BUZB5W3UP4YIOE3EXOVZ3HL
30-04	1758	Nightfall	30 chr EAM for Aymee? YY4VD3 ZKRBMGMLD4D6HOIEYIGYNPZ5
30-04	1816	Nightfall	30 chr EAM for Aymee? YYPLKT BFAB2AGK6UU4KQYI5SHDEH25

RUSSIAN MILITARY TRANSCRIPTS

Excerpts from messages submitted by AB, F5JBR, JPL

Strategic messages

Note: XXX TEKhNICHESKAYa PROWERKA: despite the XXX start it is not a strategic flash message. It means Technical Check.

3264 kHz, 04-04, 1432 UTC
7815 kHz, 04-04, 1330 UTC
7815 kHz, 04-04, 1331 UTC

6313.5 kHz, 04-04, 1334 UTC
6313.5 kHz, 04-04, 1335 UTC
4060 kHz, 06-04, 0821 UTC
6351 kHz, 06-04, 1230 UTC
10536 kHz, 06-04, 1230 UTC

XXX 5TID 4271 ROHER 2594 6725 K
RBL88: XXX TEKhNICHESKAYa PROWERKA 872 K
RBL88 wkg RBL90, RFN69, RFN77, RGR99: XXX TEKhNICHESKAYa PROWERKA 872 K (RFN69, RFN77, RGR99, RBL90 acknowledge receipt)
RFN69: XXX RADJ TEKhNICHESKAYa PROWERKA K
RFN69 wkg RFN31, RFN32, RFN68: XXX TEKhNICHESKAYa PROWERKA K
XXX BLGK 43215 WYWOZ 1132 43215 K
RGT77: XXX JQWS 47665 KAJFOChAH 6688 1869 K
RGT77: XXX JQWS 47665 KAJFOChAH 6688 1869 K

6006.5 kHz, 07-04, 1703 UTC 7815 kHz, 06-04, 0812 UTC	ZIG6: XXX XWAA WINTOSLIW PO ZONE B K RBL88 wkg RBL90, RFN69, RFN77, RGR99: XXX TEKhNICHESKAYa PROWERKA 872 K (RFN69, RFN77, RGR99, RBL90 acknowledge receipt) XXX VZFY BYTOSBH 6759 K RGT77: XXX EET2 86205 NEPODRAVAEMOSTX 7678 K RGT77: XXX JQWS 81772 KLICHOKUSU 7280 5223 K RGT77: XXX JQWS 81772 KLICHOKUSU 7280 5223 K RGT77: XXX JQWS 81772 KLICHOKUSU 7280 5223 K RGT77: XXX JQWS 81772 KLICHOKUSU 7280 5223 K RGT77: XXX JQWS 31550 POBELKA 6161 3634 BOSHONOSHNYJ 3348 9588 K RGT77: XXX JQWS 31550 POBELKA 6161 3634 BOSHONOSHNYJ 3348 9588 K RGT77: XXX JQWS 31550 POBELKA 6161 3634 BOSHONOSHNYJ 3348 9588 K RGT77: XXX JQWS 31550 POBELKA 6161 3634 BOSHONOSHNYJ 3348 9588 K RGT77: XXX JQWS 31550 POBELKA 6161 3634 BOSHONOSHNYJ 3348 9588 K RIT: XXX RLO ELASTISHNYJ 09 1060 105 280 02 1320 320 120 1220 K RIT: XXX RLO WINTOSLIW PO ZONE B K RGT77: XXX JQWS 44489 RAZLISHIMYJ 42969 689 LUQZNYJ 5695 3241 PUZANOK 5214 6821 FAWNOFAG 2864 1439 K RGT77: XXX JQWS 44489 RAZLISHIMYJ 42969 689 LUQZNYJ 5695 3241 PUZANOK 5214 6821 FAWNOFAG 2864 1439 K RGT77: XXX JQWS 44489 RAZLISHIMYJ 42969 689 LUQZNYJ 5695 3241 PUZANOK 5214 6821 FAWNOFAG 2864 1439 K RGT77: XXX JQWS 44489 RAZLISHIMYJ 42969 689 LUQZNYJ 5695 3241 PUZANOK 5214 6821 FAWNOFAG 2864 1439 K RGT77: XXX JQWS 44489 RAZLISHIMYJ 42969 689 LUQZNYJ 5695 3241 PUZANOK 5214 6821 FAWNOFAG 2864 1439 K RBL88: XXX LR43 TEKhNICHESKAYa PROWERKA 540 K XXX ...68917 KOLONIYa 2861 8265 K XXX 2RWL ELASTISHNYJ 01 1070 073 250 1110 K
7411 kHz, 21-04, 0906 UTC 7521 kHz, 21-04, 0906 UTC 7591 kHz, 21-04, 0906 UTC 10683 kHz, 21-04, 0906 UTC	
7815 kHz, 24-04, 1130 UTC 10987 kHz, 24-04, 1247 UTC 7057.5 kHz, 25-04, 0817 UTC	
7460 kHz, 25-04, 0813 UTC	QTC 347 02 26 0916 347 = ZAB 129 880 777 = K R 79450 SAPSAN 1793 7276 K XXX A2M2 46783 KOVUH 6930 3678 K
6888 kHz, 25-04, 1255 UTC	FVSN wkg GBCB XXX GBCB 37654 PERO 4323 7893 R 339 QTC K GBCB 562 30 3 0915 562 = ZDS 213512 = K QRV K R 519 QTC ZST K 726 30 3 0945 726 = ZST 3467773 543 = K R47673 MASLO 6039 3678 K XXX GBCB 79450 LOWUCHKA 1793 7276 K
6888 kHz, 26-04, 0737 UTC 7324 kHz, 26-04, 0836 UTC 6416 kHz, 26-04, 0836 UTC 7416 kHz, 27-04, 0736 UTC 6351 kHz, 27-04, 0736 UTC 7521 kHz, 27-04, 0736 UTC 7416 kHz, 27-04, 0740 UTC 6351 kHz, 27-04, 0740 UTC 7521 kHz, 27-04, 0740 UTC 10683 kHz, 27-04, 0811 UTC 10683 kHz, 27-04, 0845 UTC 7521 kHz, 27-04, 0845 UTC 7416 kHz, 27-04, 0845 UTC 6400 kHz, 27-04, 0905 UTC 4832 kHz, 27-04, 1050 UTC 5223 kHz, 27-04, 1051 UTC 5878 kHz, 27-04, 1148 UTC	R XXX 79450 MOLOKO 1793 7276 K. XXX GBCB 66703 STUVA 6930 3678 K XXX RLO ELASTISHNYJ 01 1070 115 190 1134 K XXX RLO ELASTISHNYJ 01 1070 115 190 1134 K XXX JQWS 78669 PLEMYa 3152 7383 K XXX JQWS 78669 PLEMYa 3152 7383 K XXX JQWS 78669 PLEMYa 3152 7383 K XXX JQWS 32267 URANOWIST 6105 4872 YaKOSTEM 3746 6099 BALXZAMNYJ 6450 3039 K XXX JQWS 32267 URANOWIST 6105 4872 YaKOSTEM 3746 6099 BALXZAMNYJ 6450 3039 K XXX JQWS 32267 URANOWIST 6105 4872 YaKOSTEM 3746 6099 BALXZAMNYJ 6450 3039 K XXX JQWS 94818 GRACHOChEJK 1634 3073 POROVNIJ 2598 1530 K XXX JQWS 27372 NIKChEMUCHNYJ 7610 4984 XXX JQWS 27372 NIKChEMUCHNYJ 7610 4984 XXX JQWS 27372 NIKChEMUCHNYJ 7610 4984 XXX TUC3 67459 NAMI 7843 9356 K. QAP K XXX 12354 And W3N6 XXX 25467. QSU 1 K XXX JYNK 12354 K. R 25467 K. QSU1 K XXX NFSa 26592 K. QSU1 K

5223 kHz, 27-04, 1206 UTC
10347 kHz, 27-04, 1322 UTC

XXX JYNY 24689 K. R 26592 K. QSU1 K
XXX IYAM 12354 K. 14678 K. QSU1 K

Voice transmissions

Russian Military voice traffic

Znamya has a Mon-Thu schedule. Often also on Fri. Time: ca 1410 UTC on 5045 kHz. A female operator reads the message most of the time and sometimes a male operator. The standard format is as follows.

- Several 10 counts followed by:
- Цапля, Цапля, Я Знамя, примите радиogramму. Сигнал 3159. 16 часов 15 минут конец связи
Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 4124. 16 chasov 15 minut konec svyazi
Translation: Tsaplya, Tsaplya, here is Znamya, accept radiogram. Signal 3159. **16 hours 15 minutes**, end of communication
- The time mentioned marks the end time of the transmission. Depending of the start time the minutes can change.

01/03-04	No transmissions
04-04, 1412 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 4124. 16 chasov 15 minut konec svyazi
05-04, 1411 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 6593. 16 chasov 15 minut konec svyazi
06-04, 1411 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 1523. 16 chasov 15 minut konec svyazi
07-04, 1412 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3454. 16 chasov 14 minut konec svyazi
08/10-04	No transmissions
11-04, 1411 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 2167. 16 chasov 14 minut konec svyazi
12-04, 1411 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3159. 16 chasov 15 minut konec svyazi
13-04, 1411 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 5543. 16 chasov 14 minut konec svyazi
14-04, 1410 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 9847. 16 chasov 14 minut konec svyazi
15/18-04	No transmissions
19-04, 1412 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 8752. 16 chasov 15 minut konec svyazi
20-04, 1411 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 7582. 16 chasov 14 minut konec svyazi
21-04, 1410 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 4729. 16 chasov 14 minut konec svyazi
22/24-04	No transmissions
25-04, 1410 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 5347. 16 chasov 14 minut konec svyazi
26-04, 1411 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3465. 16 chasov 14 minut konec svyazi
27-04, 1414 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 9362. 16 chasov 15 minut konec svyazi
28-04, 1412 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 7257. 16 chasov 14 minut konec svyazi

Russian Navy voice traffic

4940.5 kHz, 03-04, 0830 UTC, LSB.

Baltic Fleet. GORNILA (RAI63) clg GARANTIYA (RIQ88) for voice radio checks and messages.

2503 = 1300 841 446 1400 842 443 1500 843 450 1600 840 445 =

2501 1600 842 445

2503 1700 842 462 1800 846 462 1500 854

456 1900 846 450 =

2501 2000 853 458 =

2501 2100 853 458 =

2503 2100 845 445 2200 846 448 2300 838 439 2400 839 440 0100 863 453 0200 855 459 0300 858 428 0400 854 435 0500 831 454

0600 843 445 0700 862 439 0800 837 459 =

2501 2400 852 459 0400 858 434 0800 853 459 =

2503 2400 846 441 =

2503 0900 836 436 1000 840 445 K

Interesting; when you regroup the message the groups look like grid numbers.

2503 1300 841 446
1400 842 443
1500 843 450
1600 840 445 =
2501 1600 842 445
2503 1700 842 462
1800 846 462
1500 854 456

1900 846 450 =
 2501 2000 853 458 =
 2501 2100 853 458 =
 2503 2100 845 445
 2200 846 448
 2300 838 439
 2400 839 440
 0100 863 453
 0200 855 459
 0300 858 428
 0400 854 435
 0500 831 454
 0600 843 445
 0700 862 439
 0800 837 459 =
 2501 2400 852 459
 0400 858 434
 0800 853 459 =
 2503 2400 846 441 =
 2503 0900 836 436
 1000 840 445 K

4940.5 kHz, 03-04, 0830 UTC, LSB.

Baltic Fleet. GARANTIYA (RIQ88) clg GORNILA (RAI63) for voice radio checks and messages.

2501 1600 0987 0600 0987 0700 0988 0800 0987 0900 0988 1000 0988 =
 2501 2400 09898

Morse transmissions

Russian Military morse traffic

7057.5 kHz, 02-04, 0847 UTC. JN2M wkg 4 stations. QSX 7607 kHz

QTC 198 26 2 1156 198 =
 ZKK 498395 925618 626251 925852 417364 227355 =
 02110 32835 85960 52804 11052 85030 02110 42656 77960 22804
 11053 82010 02110 23744 47960 20802 11006 82020 02018 K

7000 kHz, 28-04, 0621 UTC M marker

13404kHz, 30-04, 1131 UTC

YXYQ 224 22 30 1428 224 = 437 =
 PPPPP LASUA ARFBS MAEHQ MWSNC MAEHQ MWSNC MAEHQ MWSNC NMHTD
 JSFFT LOAQI CHOIZH LHJHA LKChSD DFLCh AWNTQ GDMWM BORNJ LLBSC
 EPPWP K

Russian Navy morse traffic

3654 kHz, 02-04, 1212 UTC. RMED wkg RJC66. QSX 3254 kHz

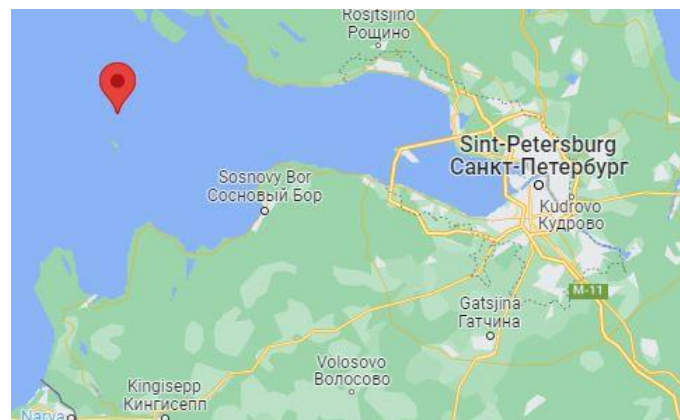
QTC SML RMED 324 16 21501 324 = SML FOR RJD38 RIF4 =
 02121 99601 10284 42598 30505 10040 40140 54000 83121 22262
 00010 2//// 02012 = AR RMED K

Location: picture right: <https://goo.gl/maps/E7cESp8KpPHL8qLh9>

3654 kHz, 04-04, 0905 UTC. RMIB wkg RJC66. QSX 3254 kHz

QTC SML 177 19 4 1203 177 = SML FOR RJD38 RIF4 =
 04091 99595 10233 41496 81909 10016 49920 57021 76362 8872/
 22212 00019 88000 80000 04015 = AR RMIB K

Location: picture right: <https://goo.gl/maps/kW1wiqpPZ1Zv3hQ19>



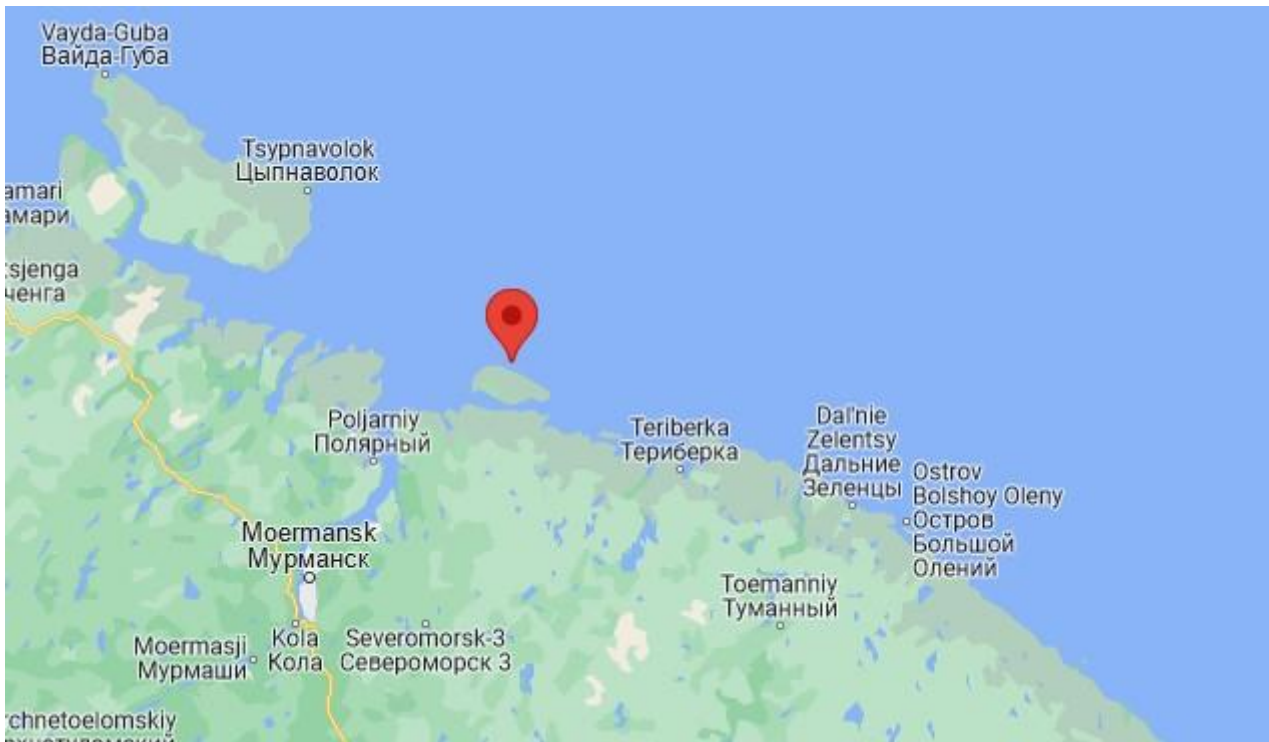


3654 kHz, 04-04, 1507 UTC. RMIB wkg RJC66. QSX 3254 kHz
 QTC SML 354 19 4 1804 354 = SML FOR RJD38 RIF4 =
 04151 99598 10251 41496 81610 10010 49883 57019 76962 8872/
 22222 00015 20605 88000 80000 04015 = AR RMIB K

Location: <https://goo.gl/maps/mfhZZg1JDW9WGzbQ6>
 picture left

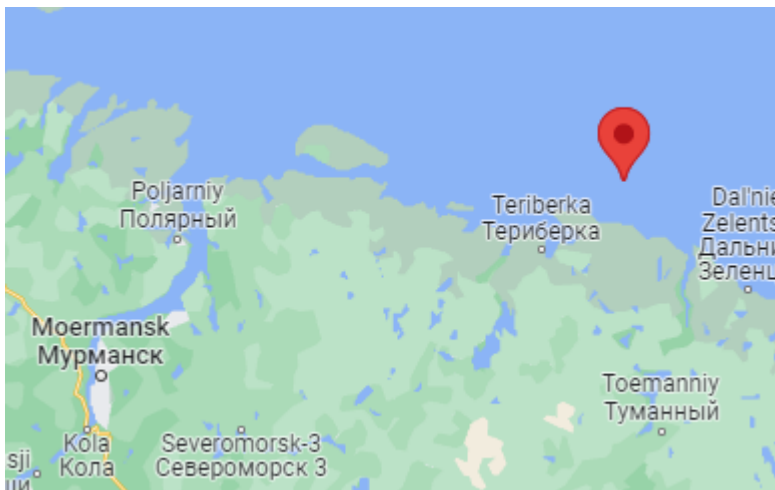
6994 kHz, 19-04, 1529 UTC. RJP56 wkg RIT. QSX 6449 kHz
 QTC SML 133 17 19 1507 133 = FOR RJH74 RJH45 =
 19121 99694 10342 41497 93506 10030 49775 52015 75215 89///
 22252 00038 88000 80000 19 014 = AR RJP56 K

Location: <https://goo.gl/maps/WqRJ7wjkQSdMFvPB8>
 picture below



6994 kHz, 19-04, 1531 UTC. RJP56 wkg RIT. QSX 6449 kHz
 QTC SML 173 17 19 1816 173 = FOR RJH74 RJH45 =
 19151 00693 10355 41495 93407 10030 49795 52020 75115 89/// 22232 00039 880000 80000 19014 = AR RJP56 K

Location: picture below: <https://goo.gl/maps/WDTKkWBtyZ8FcGmT9>



6324 kHz, 22-04, 1201 UTC. RGR76 wkg RMP. QSX on 6362 and 8737 kHz

QTC 243 14 24 1500 243 = FM RJH45 RJD38 =

24121 99599 10274 44/98 40413 10047 40120 54020 70211 8//// 22241 24011 = AR RGR76 K –

6324 kHz, 22-04, 1205 UTC. RGR76 wkg RMP. QSX on 6362 and 8737 kHz

QTC 291 14 22 1500 291 = FOR RJH45 RJD38 =

22001 99600 10270 44/98 02201 10109 40200 54010 70200 8//// 22200 22011 = AR RGR76 K

Location: picture below <https://goo.gl/maps/PeYJ5z6yVZgTLgiw7>



12450 kHz, 28-04, 0607 UTC, i.p.

RJI28 RPT 28061 K

RJI28 RPT 54010 K

RJI28 OK QRU SK

RJI28 OK QAP SK

RJS DE RJS51 QSA 1 K

RJS DE RJS51 RPT K

Russian Naval Air Transport morse traffic

8816 kHz, 06-04, 1311 UTC	26933 wkg RJC38 RJF94: QTC QQL UWPP 1310 QBD 0300 QRE XUDE 1415 K
8816 kHz, 07-04, 1527 UTC	26933 wkg RJC38 RJF94: QTC QTO 1520 QRD XRRC XUMO QRE 1850 QBD 0500 K
8816 kHz, 13-04, 1309 UTC	26937 wkg RJC38: QTC QTO 1300 QRD XLDR XLMD QRE 1500 QBD 0430 RPT AL K
8816 kHz, 13-04, 1315 UTC	26930 wkg RJC38 RJF94: QTC QTO 1245 QRD XLMD XUMO QRE 1645 QBD 0500 RPT AL K
8816 kHz, 20-04, 1159 UTC	84434 wkg RJC38: 84434 QTC QTO 1145 QRD XLWF XLWF QRE 1605 QBD 0530 RPT AL K
8816 kHz, 20-04, 1230 UTC	26938 wkg RJC38 RJF94: QTC QAL XUMO 1245 RPT AL
8816 kHz, 26-04, 0844 UTC	26937 wkg RJC38 RJF94: QTC QTO 0820 QRD XUMO XLMO QRE 1200 QBD 0500 K
8816 kHz, 27-04, 0617 UTC	12262 wkg RJC38 RJF94: QTC QTO 0610 QRD XUOK XLMD QRE 1030 QBD 0600 K
8816 kHz, 27-04, 0642 UTC	26933 wkg RJC38 RJF94: QTC QTO 0630 QRD XUMO XLWF QBD 0400 QRE 0750 RPT AL K
8816 kHz, 27-04, 0726 UTC	12262 wkg RJC38 RJF94: QTC QTH 16403 13235 QTR 0720 QBG 3900 QBD 0500 K
8816 kHz, 27-04, 1239 UTC	12262 wkg RJC38 RJF94: QTC QTO 1232 QRD XRRC XUOK QRE 1500 QBD 0600 RPT AL K

Russian military datalink

The Russian datalinks that appeared shortly after the Russian war against Ukraine started are still under investigation. In this chapter you will find logs and links to recordings and additional data.

Russian Datalink: a parsing approach by Antonio

<https://i56578-swl.blogspot.com/2022/03/rus-datalink-parsing-approach.html>

Recordings/bitstreams:

<https://disk.yandex.com/d/uECZVVGQjkZKA>

https://disk.yandex.com/d/hTc5YhtPUg_1ow

System presentation:

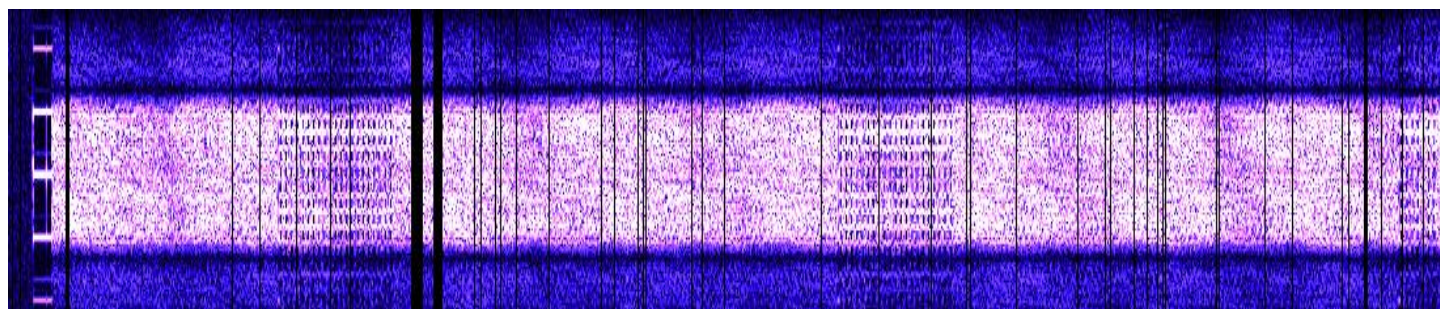
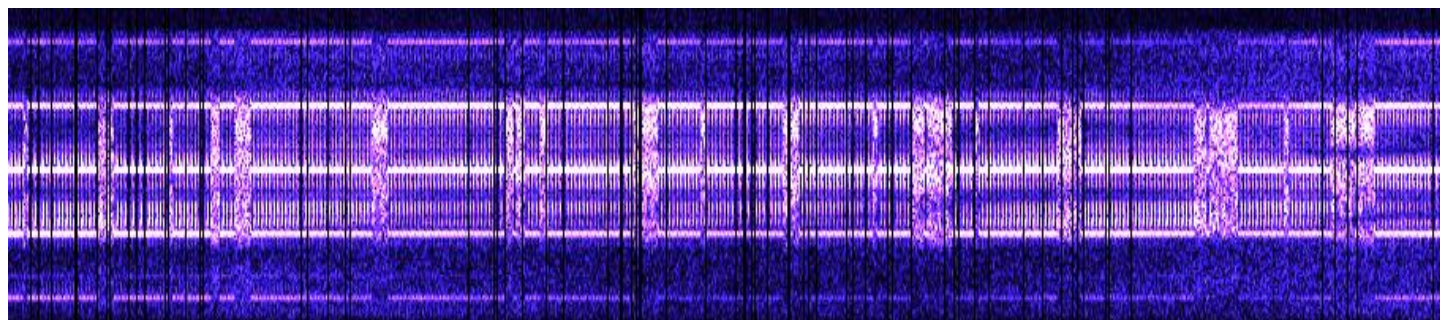
<https://thepresentation.ru/armiya/ustroystvo-kompleksa-sredstv-svyazi-izdeliya-9s467-1m-ustroystvo-apd-ai-011-s23-1-tema-720>

<https://disk.yandex.com/i/foPNyfiDpCHGPw>

Below is an attempt to translate the technical specification part of the presentation.

SPECIFICATIONS:

1. The AI-011 device provides data transmission in data erasure mode and in the feedback mode with a built-in signal conversion device (SCD) at speeds of 600 bit/s with twelve receiving stations and 1200 bit/s with six receiving stations. When connecting an external UPS, the transmission speed is determined by the external UPS and can be 50, 100, 200, 2400, 4800 bps.
 2. The device provides operation in duplex, alternating-simplex modes. In duplex mode, simultaneous transmission and reception of data blocks is ensured. In simplex mode, either transmission or reception of data blocks is provided, in alternate-simplex, alternately transmission - reception.
 3. In duplex mode, data erasure transmission and closed loop mode are possible. In simplex and alternately - simplex modes, data transmission with or without an address is provided.
 5. Data transmission is carried out in blocks with a length of 69 (or 117) single elements (hereinafter abbreviated as "elements"), of which 5 elements are service, 16 are verification, the remaining 48 (or 96) are data.
 6. The device provides data protection from errors.
 7. The time for preparing the device for operation and entering into communication is no more than 60 s (at a speed of 1200 bps.)
 8. Time of data non-reception due to phase failure no more than 12 s (at a speed of 1200 bps).
- The device uses the method of frequency modulation (FM).



Logs by PIR3, AAI, SWUK

2428.0 kHz,	01-04, 0320 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 117,96 bits scrambled (info unscrambled)
7890.0 kHz,	01-04, 0430 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69,48 bits scrambled (info unscrambled)
6969.5 kHz,	01-04, 1747 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69,48 bits scrambled (no info?)
8875.0 kHz,	01-04, 1837 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69,48 bits scrambled (info unscrambled)
8875.0 kHz,	02-04, 1200 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
3845.0 kHz,	03-04, 0420 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
7890.0 kHz,	03-04, 0418 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
2251.0 kHz,	03-04, 1922 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 117/96 bits scrambled
3845.0 kHz,	04-04, 0353 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
7890.0 kHz,	04-04, 0350 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
5401.0 kHz,	04-04, 0523 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits unscrambled
5401.0 kHz,	06-04, 0401 UTC	Akkord-SS-PD/USB 1200Bd DBPSK CF 1800Hz 69/48 bits unscrambled
2240.0 kHz,	07-04, 1815 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 117/96 bits scrambled, off at 1821z
3313.0 kHz,	07-04, 1824 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 117/96 bits scrambled
4905.0 kHz,	06-04, 0507 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
3875.5 kHz,	06-04, 0446 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
3072.0 kHz,	06-04, 0326 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 117/96 bits scrambled
3996.5 kHz,	07-04, 0528 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
5401.0 kHz,	10-04, 1818 UTC	Akkord-SS-PD/USB 1200Bd BPSK CF 1800Hz 69/48 bits unscrambled
7890.0 kHz,	11-04, 1522 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
4510.0 kHz,	11-04, 1525 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 117/96 bits scrambled

5401.0 kHz,	11-04, 1635 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits unscrambled
5310.0 kHz,	11-04, 1531 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
8875.0 kHz,	11-04, 1545 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
3313.0 kHz,	11-04, 1758 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 117/96 bits scrambled
7890.0 kHz,	13-04, 1753 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
5142.5 kHz,	13-04, 1744 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 117/96 bits scrambled
5401.0 kHz,	13-04, 1538 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits unscrambled
4416.5 kHz,	14-04, 1540 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 117/96 bits scrambled
7890.0 kHz,	14-04, 1539 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
3875.5 kHz,	15-04, 1638 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
5401.0 kHz,	15-04, 1632 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 117/96 bits unscrambled
7890.0 kHz,	15-04, 1624 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
6969.5 kHz,	20-04, 1132 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
7890.0 kHz,	20-04, 1130 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
6969.5 kHz,	21-04, 0812 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
7890.0 kHz,	21-04, 0813 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
6260.0 kHz,	21-04, 0825 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
5521.0 kHz,	21-04, 1709 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits unscrambled
4416.5 kHz,	21-04, 1722 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 117/96 bits scrambled
5521.0 kHz,	22-04, 0834 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits unscrambled
6969.5 kHz,	22-04, 0838 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
7690.0 kHz,	22-04, 0839 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
6969.5 kHz,	23-04, 1000 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
7010.0 kHz,	23-04, 1001 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
7690.0 kHz,	23-04, 1004 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
5521.0 kHz,	23-04, 1013 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits unscrambled
6282.0 kHz,	23-04, 1745 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits unscrambled
6282.0 kHz,	24-04, 0456 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits unscrambled
5310.0 kHz,	24-04, 0459 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
5521.0 kHz,	24-04, 0624 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits unscrambled
5235.0 kHz,	25-04, 2200 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz
3875.5 kHz,	28-04, 2021 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits unscrambled
5235.0 kHz,	28-04, 2024 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits unscrambled
5310.0 kHz,	28-04, 2027 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
6319.5 kHz,	29-04, 2020 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits scrambled
5235.0 kHz,	29-04, 2021 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits unscrambled
6282.0 kHz,	29-04, 2021 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 69/48 bits unscrambled
6870.0 kHz,	29-04, 2023 UTC	Akkord-SS-PD/USB 1200Bd/800Hz CF 1700Hz 117/96 bits scrambled

LOGS SECTION

Code	Freq	Date	UTC	Day	Details	Mode	Contributor
---	7011.3	3-4	1525	Sun	Unid station sending news feeds about the war in Ukraine	CW	(AB)
---	3582.5	3-4	1830	Sun	Russian war propaganda in progress	OLIVIA-16-1k	(DKR)
---	14169	4-4	0812	Mon	Byraktar song	USB	(AB)
---	7050	4-4	1625	Mon	Endless anti Russia ranting. Loop transmissions. Several stations	LSB	(AB)
---	7055	4-4	1626	Mon	Anti Russia ranting. Loop transmissions. Several stations	LSB	(AB)
---	7060	4-4	1628	Mon	Music, anti Putin slogans	LSB	(AB)
---	7050	5-4	1743	Tue	Slogans, propaganda loop tape	LSB	(AB)
---	7055	5-4	1743	Tue	Slogans, propaganda loop tape	LSB	(AB)
---	7055	11-4	1558	Mon	Anti Russia slogans. Loop tape	LSB	(AB)
---	9216	17-4	0600	Sun	Propaganda or psyops loop message in Russian	USB	(PY/Arg)
---	7055	28-4	1328	Thu	Putina khuyla and more anti Russian slogans	LSB	(AB)
---	7060	28-4	1436	Thu	Putina khuyla and more anti Russian slogans	LSB	(AB)
---	7065	28-4	1440	Thu	Putina khuyla and more anti Russian slogans	LSB	(AB)
---	7065	29-4	2100	Fri	Anti Russia messages. Russian swine, etc.	LSB	(AB)
DPRK	16252	7-4	1336	Thu	North Korean diplo.	DPRK-ARQ 600 LSB	(AB)
DPRK	12203	20-4	0458	Wed	North Korean diplo	DPRK-ARQ 600 LSB	(AB-J)
DPRK	12208	20-4	0458	Wed	North Korean diplo	DPRK-ARQ 600 LSB	(AB-J)
DPRK	12400	22-4	0810	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	16250	23-4	1220	Sat	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	11046	29-4	0703	Fri	North Korean diplo	DPRK ARQ 600 LSB	(AB)
E06	15647	1-4	0300	Fri	361 825 41 86324 97537 81082 ... 89964 83713 97587 825 41 00000	USB	(PY)
E06	15647	1-4	0300	Fri	361 825 41 86324 97537 81082 ... 89964 83713 97587 825 41 00000	USB	(PY)
E06	13392	1-4	0400	Fri	361 825 41 86324 97537 81082 ... 89964 83713 97587 825 41 00000	USB	(PY)
E06	13392	1-4	0400	Fri	361 825 41 86324 97537 81082 ... 89964 83713 97587 825 41 00000	USB	(PY)
E06	11454	4-4	0210	Mon	537 168 49 55382 34382 71828 ... 55902 62757 30546 168 49 00000	USB	(PY)
E06	14460	4-4	0310	Mon	537 168 49 55382 34382 71828 ... 55902 62757 30546 168 49 00000	USB	(PY)
E06	11454	5-4	0210	Tue	537 168 49 55382 34382 71828 ... 55902 62757 30546 168 49 00000	USB	(PY)
E06	14456	5-4	0310	Tue	537 168 49 55382 34382 71828 ... 55902 62757 30546 168 49 00000	USB	(PY)
E06	15645	7-4	0500	Thu	951 423 60 42963 40052 16152 ... 74252 63859 98965 423 60 00000	USB	(AB-RUS)
E06	17470	7-4	0600	Thu	951 423 60 42963 40052 16152 ... 74252 63859 98965 423 60 00000	USB	(AB-RUS)
E06	15645	8-4	0500	Fri	951 423 60 42963 40052 16152 ... 74252 63859 98965 423 60 00000	USB	(AB-RUS)
E06	17470	8-4	0600	Fri	951 423 60 42963 40052 16152 ... 74252 63859 98965 423 60 00000	USB	(AB-RUS)
E06	11454	11-4	0210	Mon	537 294 50 81162 17163 56751 ... 34721 38666 93729 294 50 00000	USB	(PY)
E06	14456	11-4	0310	Mon	537 294 50 81162 17163 56751 ... 34721 38666 93729 294 50 00000	USB	(PY)
E06	11454	12-4	0210	Tue	537 294 50 81162 17163 56751 ... 34721 38666 93729 294 50 00000	USB	(PY)
E06	14456	12-4	0310	Tue	537 294 50 81162 17163 56751 ... 34721 38666 93729 294 50 00000	USB	(PY)
E06	15641	14-4	0300	Thu	361 790 43 09366 45627 05010 ... 56522 82263 64154 790 43 00000	USB	(PY/HFD)
E06	13392	14-4	0400	Thu	361 790 43 09366 45627 05010 ... 56522 82263 64154 790 43 00000	USB	(PY/HFD)

E06	15651	15-4	0300	Fri	361 790 43 09366 45627 05010 ... 56522 82263 64154 790 43 00000	USB	(PY)
E06	13392	15-4	0400	Fri	361 790 43 09366 45627 05010 ... 56522 82263 64154 790 43 00000	USB	(PY)
E06	11454	18-4	0210	Mon	537 618 30 55041 60665 13795 ... 96628 19721 32127 618 30 00000	USB	(PY)
E06	14456	18-4	0310	Mon	537 618 30 55041 60665 13795 ... 96628 19721 32127 618 30 00000	USB	(PY)
E06	11454	19-4	0210	Tue	537 618 30 55041 60665 13795 ... 96628 19721 32127 618 30 00000	USB	(PY)
E06	14456	19-4	0310	Tue	537 618 30 55041 60665 13795 ... 96628 19721 32127 618 30 00000	USB	(PY)
E06	15641	21-4	0300	Thu	361 528 44 30446 48896 66641 ... 80083 86322 12213 528 44 00000	USB	(PY)
E06	13392	21-4	0400	Thu	361 528 44 30446 48896 66641 ... 80083 86322 12213 528 44 00000	USB	(PY)
E06	15645	21-4	0500	Thu	951 874 62 03527 94633 26442 ... 43039 90609 29339 874 62 00000	USB	(AB-RUS)
E06	17470	21-4	0600	Thu	951 874 62 03527 94633 26442 ... 43039 90609 29339 874 62 00000	USB	(AB-RUS)
E06	15641	22-4	0300	Fri	361 528 44 30446 48896 66641 ... 80083 86322 12213 528 44 00000	USB	(PY)
E06	13392	22-4	0400	Fri	361 528 44 30446 48896 66641 ... 80083 86322 12213 528 44 00000	USB	(PY)
E06	15645	22-4	0500	Fri	951 874 62 03527 94633 26442 ... 43039 90609 29339 874 62 00000	USB	(AB)
E06	17470	22-4	0600	Fri	951 874 62 03527 94633 26442 ... 43039 90609 29339 874 62 00000	USB	(AB)
E06	11454	25-4	0210	Mon	537 492 31 30740 36121 11643 ... 01081 83910 61965 492 31 00000	USB	(PY/HFD-RUS)
E06	14456	25-4	0310	Mon	537 492 31 30740 36121 11643 ... 01081 83910 61965 492 31 00000	USB	(PY/HFD-RUS)
E06	11454	26-4	0210	Tue	537 492 31 30740 36121 11643 ... 01081 83910 61965 492 31 00000	USB	(PY)
E06	14456	26-4	0310	Tue	537 492 31 30740 36121 11643 ... 01081 83910 61965 492 31 00000	USB	(PY)
E06	15641	28-4	0300	Thu	361 907 45 61855 24840 33899 ... 13671 72881 02073 907 45 00000	USB	(PY)
E06	13384	28-4	0400	Thu	361 907 45 61855 24840 33899 ... 13671 72881 02073 907 45 00000	USB	(PY)
E06	15651	29-4	0300	Fri	361 907 45 61855 24840 33899 ... 13671 72881 02073 907 45 00000	USB	(PY)
E06	13392	29-4	0400	Fri	361 907 45 61855 24840 33899 ... 13671 72881 02073 907 45 00000	USB	(PY)
E07	17453	1-4	0700	Fri	446 446 446 000	USB	(AB-KWT/HFD-RUS)
E07	18453	1-4	0720	Fri	446 446 446 000	USB	(AB-KWT/HFD-RUS)
E07	12176	2-4	1300	Sat	152 152 152 000	USB	(AB/HFD)
E07	11576	2-4	1320	Sat	152 152 152 000	USB	(AB/HFD)
E07	16331	2-4	1410	Sat	893 893 893 1 990 35 990 35 29774 47882 77164 ... 90743 68672 13004 000 000	USB	(AB/HFD)
E07	15831	2-4	1430	Sat	893 893 893 1 990 35 990 35 29774 47882 77164 ... 90743 68672 13004 000 000	USB	(AB/HFD)
E07	14831	2-4	1450	Sat	893 893 893 1 990 35 990 35 29774 47882 77164 ... 90743 68672 13004 000 000	USB	(AB/HFD)
E07	9261	3-4	0600	Sun	224 224 224 000	USB	(AB/HFD)
E07	10261	3-4	0620	Sun	224 224 224 000	USB	(AB/HFD)
E07	13417	3-4	1700	Sun	417 417 417 000	USB	(AB/HFD)
E07	12117	3-4	1720	Sun	417 417 417 000	USB	(AB/HFD)
E07	17453	5-4	0700	Tue	446 446 446 1 966 65 966 65 70734 74991 97247 ... 48489 54082 24144 000 000	USB	(AB)
E07	18453	5-4	0720	Tue	446 446 446 1 966 65 966 65 70734 74991 97247 ... 48489 54082 24144 000 000	USB	(AB)
E07	19653	5-4	0740	Tue	446 446 446 1 966 65 966 65 70734 74991 97247 ... 48489 54082 24144 000 000	USB	(AB)
E07	13417	6-4	1700	Wed	417 417 417 1 2129 96 2129 96 74753 70249 20009 ... 59769 20611 86545 000 000	USB	(AB)
E07	12117	6-4	1720	Wed	417 417 417 1 2129 96 2129 96 74753 70249 20009 ... 59769 20611 86545 000 000	USB	(AB)
E07	10717	6-4	1740	Wed	417 417 417 1 2129 96 2129 96 74753 70249 20009 ... 59769 20611 86545 000 000	USB	(AB)
E07	16331	7-4	1410	Thu	893 893 893 000	USB	(AB/MPJ)

E07	15831	7-4	1430	Thu	893 893 893 000	USB	(AB/MPJ)
E07	17453	8-4	0700	Fri	446 446 446 1 966 65 966 65 70734 74991 97247 ... 48489 54082 24144 000 000	USB	(AB-KWT)
E07	18453	8-4	0720	Fri	446 446 446 1 966 65 966 65 70734 74991 97247 ... 48489 54082 24144 000 000	USB	(AB-KWT)
E07	19653	8-4	0740	Fri	446 446 446 1 966 65 966 65 70734 74991 97247 ... 48489 54082 24144 000 000	USB	(AB-KWT)
E07	12176	9-4	1300	Sat	152 152 152 1 901 140 901 140 96813 96389 19292 ... 82420 83454 05267 000 000	USB	(AB)
E07	11576	9-4	1320	Sat	152 152 152 1 901 140 901 140 96813 96389 19292 ... 82420 83454 05267 000 000	USB	(AB)
E07	10276	9-4	1340	Sat	152 152 152 1 901 140 901 140 96813 96389 19292 ... 82420 83454 05267 000 000	USB	(AB)
E07	16331	9-4	1410	Sat	893 893 893 000	USB	(AB)
E07	15831	9-4	1430	Sat	893 893 893 000	USB	(AB)
E07	9261	10-4	0600	Sun	224 224 224 1 901 140 901 140 96813 96389 19292 ... 82420 83454 05267 000 000	USB	(AB)
E07	10261	10-4	0620	Sun	224 224 224 1 901 140 901 140 96813 96389 19292 ... 82420 83454 05267 000 000	USB	(AB)
E07	11461	10-4	0640	Sun	224 224 224 1 901 140 901 140 96813 96389 19292 ... 82420 83454 05267 000 000	USB	(AB)
E07	13417	10-4	1700	Sun	417 417 417 1 2129 96 2129 96 74753 70249 20009 ... 59769 20611 86545 000 000	USB	(AB)
E07	12117	10-4	1720	Sun	417 417 417 1 2129 96 2129 96 74753 70249 20009 ... 59769 20611 86545 000 000	USB	(AB)
E07	10717	10-4	1740	Sun	417 417 417 1 2129 96 2129 96 74753 70249 20009 ... 59769 20611 86545 000 000	USB	(AB)
E07	17453	12-4	0700	Tue	446 446 446 000	USB	(AB)
E07	18453	12-4	0720	Tue	446 446 446 000	USB	(AB)
E07	13417	13-4	1700	Wed	417 417 417 000	USB	(AB)
E07	12117	13-4	1720	Wed	417 417 417 000	USB	(AB)
E07	16331	14-4	1410	Thu	893 893 893 1 1675 35 1675 35 89112 94384 17198 ... 70362 09506 20728 000 000	USB	(AB-KWT)
E07	15831	14-4	1430	Thu	893 893 893 1 1675 35 1675 35 89112 94384 17198 ... 70362 09506 20728 000 000	USB	(AB-KWT)
E07	14831	14-4	1450	Thu	893 893 893 1 1675 35 1675 35 89112 94384 17198 ... 70362 09506 20728 000 000	USB	(AB-KWT)
E07	17453	15-4	0700	Fri	446 446 446 000	USB	(AB-KWT)
E07	18453	15-4	0720	Fri	446 446 446 000	USB	(AB-KWT)
E07	12176	16-4	1300	Sat	152 152 152 1 901 140 901 140 96813 96389 19292 ... 82420 83454 05267 000 000	USB	(AB)
E07	11576	16-4	1320	Sat	152 152 152 1 901 140 901 140 96813 96389 19292 ... 82420 83454 05267 000 000	USB	(AB)
E07	10276	16-4	1340	Sat	152 152 152 1 901 140 901 140 96813 96389 19292 ... 82420 83454 05267 000 000	USB	(AB)
E07	16331	16-4	1410	Sat	893 893 893 1 1675 35 1675 35 89112 94384 17198 ... 70362 09506 20728 000 000	USB	(AB)
E07	15831	16-4	1430	Sat	893 893 893 1 1675 35 1675 35 89112 94384 17198 ... 70362 09506 20728 000 000	USB	(AB)
E07	14831	16-4	1450	Sat	893 893 893 1 1675 35 1675 35 89112 94384 17198 ... 70362 09506 20728 000 000	USB	(AB)
E07	9261	17-4	0600	Sun	224 224 224 1 901 140 901 140 96813 96389 19292 ... 82420 83454 05267 000 000	USB	(AB)
E07	10261	17-4	0620	Sun	224 224 224 1 901 140 901 140 96813 96389 19292 ... 82420 83454 05267 000 000	USB	(AB)
E07	11461	17-4	0640	Sun	224 224 224 1 901 140 901 140 96813 96389 19292 ... 82420 83454 05267 000 000	USB	(AB)
E07	13417	17-4	1700	Sun	417 417 417 000	USB	(AB)
E07	12117	17-4	1720	Sun	417 417 417 000	USB	(AB)
E07	17453	19-4	0700	Tue	446 446 446 1 547 143 546 143 35470 36854 85443 ... 99555 24483 10335 000 000	USB	(AB)
E07	18453	19-4	0720	Tue	446 446 446 1 547 143 546 143 35470 36854 85443 ... 99555 24483 10335 000 000	USB	(AB-KWT)
E07	19653	19-4	0740	Tue	446 446 446 1 547 143 546 143 35470 36854 85443 ... 99555 24483 10335 000 000	USB	(AB-KWT)
E07	13417	20-4	1700	Wed	417 417 417 1 2269 81 2269 81 63506 25602 51413 ... 57050 61114 56557 000 000	USB	(AB/MPJ)
E07	12117	20-4	1720	Wed	417 417 417 1 2269 81 2269 81 63506 25602 51413 ... 57050 61114 56557 000 000	USB	(AB/MPJ)
E07	10717	20-4	1740	Wed	417 417 417 1 2269 81 2269 81 63506 25602 51413 ... 57050 61114 56557 000 000	USB	(AB/MPJ)
E07	16331	21-4	1410	Thu	893 893 893 000	USB	(AB/MPJ)

E07	15831	21-4	1430	Thu	893 893 893 000	USB	(AB/MPJ)
E07	17453	22-4	0700	Fri	446 446 446 1 547 143 546 143 35470 36854 85443 ... 99555 24483 10335 000 000	USB	(AB)
E07	18453	22-4	0720	Fri	446 446 446 1 547 143 546 143 35470 36854 85443 ... 99555 24483 10335 000 000	USB	(AB)
E07	19653	22-4	0740	Fri	446 446 446 1 547 143 546 143 35470 36854 85443 ... 99555 24483 10335 000 000	USB	(AB-KWT)
E07	12176	23-4	1300	Sat	152 152 152 000	USB	(AB)
E07	11576	23-4	1320	Sat	152 152 152 000	USB	(AB)
E07	16331	23-4	1410	Sat	893 893 893 000	USB	(AB)
E07	15831	23-4	1430	Sat	893 893 893 000	USB	(AB)
E07	9261	24-4	0600	Sun	224 224 224 000	USB	(AB)
E07	10261	24-4	0620	Sun	224 224 224 000	USB	(AB)
E07	13417	24-4	1700	Sun	417 417 417 1 2269 81 2269 81 63506 25602 51413 ... 57050 61114 56557 000 000	USB	(AB)
E07	12117	24-4	1720	Sun	417 417 417 1 2269 81 2269 81 63506 25602 51413 ... 57050 61114 56557 000 000	USB	(AB)
E07	10717	24-4	1740	Sun	417 417 417 1 2269 81 2269 81 63506 25602 51413 ... 57050 61114 56557 000 000	USB	(AB)
E07	17453	26-4	0700	Tue	446 446 446 000	USB	(AB)
E07	18453	26-4	0720	Tue	446 446 446 000	USB	(AB-KWT)
E07	13417	27-4	1700	Wed	417 417 417 000	USB	(AB)
E07	12117	27-4	1720	Wed	417 417 417 000	USB	(AB)
E07	16331	28-4	1410	Thu	893 893 893 1 892 35 892 35 74614 19558 12862 ... 40778 41385 27307 000 000	USB	(AB)
E07	15831	28-4	1430	Thu	893 893 893 1 892 35 892 35 74614 19558 12862 ... 40778 41385 27307 000 000	USB	(AB)
E07	14831	28-4	1450	Thu	893 893 893 1 892 35 892 35 74614 19558 12862 ... 40778 41385 27307 000 000	USB	(AB)
E07	17453	29-4	0700	Fri	446 446 446 000	USB	(AB)
E07	18453	29-4	0720	Fri	446 446 446 000	USB	(AB)
E07	12176	30-4	1300	Sat	152 152 152 000	USB	(AB/MPJ)
E07	11576	30-4	1320	Sat	152 152 152 000	USB	(AB/MPJ)
E07	16331	30-4	1410	Sat	893 893 893 1 892 35 892 35 74614 19558 12862 ... 40778 41385 27307 000 000	USB	(AB/MPJ)
E07	15831	30-4	1430	Sat	893 893 893 1 892 35 892 35 74614 19558 12862 ... 40778 41385 27307 000 000	USB	(AB/MPJ)
E07	14831	30-4	1450	Sat	893 893 893 1 892 35 892 35 74614 19558 12862 ... 40778 41385 27307 000 000	USB	(AB/MPJ)
E11	8680	1-4	0600	Fri	351/00	USB	(AB)
E11	8180	1-4	0700	Fri	571/00	USB	(AB)
E11	9963	1-4	0715	Fri	634/00	USB	(AB)
E11	17410	1-4	0745	Fri	347/00	USB	(AB-POL)
E11	5941	1-4	0820	Fri	436/00	USB	(AB)
E11	15905	1-4	0830	Fri	184/00	USB	(AB-POL)
E11	9951	1-4	1000	Fri	309/00	USB	(AB/MPJ)
E11	6923	1-4	1715	Fri	970/00	USB	(AB)
E11	11116	1-4	1815	Fri	920/00	USB	(AB/MPJ)
E11	14972	2-4	1430	Sat	919/00	USB	(AB)
E11	4505	2-4	1530	Sat	368/00	USB	(AB-POL/MPJ-HNG)
E11	4181	2-4	1910	Sat	394/00	USB	(AB)
E11	8680	3-4	0600	Sun	353/00	USB	(AB)
E11	4505	3-4	1530	Sun	367/00	USB	(AB/MPJ)

E11	5176	3-4	1605	Sun	238/00	USB	(AB/MPJ)
E11	13470	3-4	1745	Sun	249/00	USB	(AB/MPJ)
E11	11116	3-4	1815	Sun	929/00	USB	(AB/MPJ)
E11	5737	3-4	2000	Sun	524/00	USB	(AB)
E11	5371	4-4	0450	Mon	411/00	USB	(AB)
E11	14865	4-4	0640	Mon	942/00	USB	(AB)
E11	10213	4-4	0745	Mon	267/00	USB	(AB)
E11	15905	4-4	0830	Mon	182/00	USB	(AB-POL)
E11	12202	4-4	0845	Mon	710/00	USB	(AB)
E11	9968	4-4	0900	Mon	535/00	USB	(AB)
E11	7317	4-4	1045	Mon	697/00	USB	(AB)
E11	5371	4-4	1300	Mon	313/00	USB	(AB)
E11	7317	4-4	1900	Mon	644/00	USB	(AB)
E11	8423	5-4	0645	Tue	515/00	USB	(AB)
E11	8180	5-4	0700	Tue	575/00	USB	(AB)
E11	19184	5-4	0820	Tue	132/00	USB	(AB-RUS)
E11	9951	5-4	1000	Tue	300/00	USB	(AB-POL)
E11	6923	5-4	1205	Tue	466/00	USB	(AB)
E11	14972	5-4	1430	Tue	911/00	USB	(AB)
E11	5176	5-4	1605	Tue	233/00	USB	(AB/MPJ)
E11	11092	6-4	0315	Wed	250/00	USB	(AB-POL)
E11	14865	6-4	0645	Wed	945/00	USB	(AB)
E11	19184	6-4	0820	Wed	138/00	USB	(AB-RUS)
E11	12202	6-4	0845	Wed	716/00	USB	(AB)
E11	9968	6-4	0900	Wed	537/00	USB	(AB)
E11	6940	6-4	0930	Wed	276/00	USB	(AB)
E11	7317	6-4	1045	Wed	698/00	USB	(AB)
E11	6923	6-4	1205	Wed	462/00	USB	(AB)
E11	4181	6-4	1910	Wed	390/00	USB	(AB)
E11	11092	7-4	0315	Thu	251/00	USB	(AB-POL)
E11	8423	7-4	0645	Thu	518/00	USB	(AB)
E11	6940	7-4	0930	Thu	277/00	USB	(AB)
E11	5371	7-4	1300	Thu	315/00	USB	(AB/MPJ)
E11	10330	7-4	1530	Thu	261/00	USB	(AB)
E11	7864	7-4	1730	Thu	414/00	USB	(AB/MPJ)
E11	7317	7-4	1900	Thu	648/00	USB	(AB)
E11	5737	7-4	2000	Thu	525/00	USB	(AB)
E11	8680	8-4	0600	Fri	359/00	USB	(AB)
E11	8180	8-4	0700	Fri	577/00	USB	(AB)
E11	15905	8-4	0830	Fri	183/00	USB	(AB-POL)
E11	9951	8-4	1000	Fri	300/00	USB	(AB)
E11	11116	8-4	1815	Fri	920/00	USB	(AB)

E11	8530	8-4	1910	Fri	610/00	USB	(AB)
E11	9079	9-4	0700	Sat	496/00	USB	(AB)
E11	14972	9-4	1430	Sat	910/00	USB	(AB)
E11	4505	9-4	1530	Sat	369/00	USB	(AB)
E11	4181	9-4	1910	Sat	391/00	USB	(AB)
E11	8680	10-4	0600	Sun	350/00	USB	(AB)
E11	9079	10-4	0700	Sun	496/00	USB	(AB)
E11	4505	10-4	1530	Sun	360/00	USB	(AB/MPJ)
E11	5176	10-4	1605	Sun	235/00	USB	(AB)
E11	11116	10-4	1815	Sun	925/00	USB	(AB/MPJ)
E11	8530	10-4	1910	Sun	617/00	USB	(AB)
E11	5737	10-4	2000	Sun	527/00	USB	(AB)
E11	5371	11-4	0450	Mon	410/00	USB	(AB/HFD)
E11	14865	11-4	0640	Mon	941/00	USB	(AB-POL)
E11	15632	11-4	0715	Mon	752/00	USB	(AB-POL)
E11	12202	11-4	0845	Mon	716/00	USB	(AB)
E11	5371	11-4	1300	Mon	314/00	USB	(AB)
E11	13470	11-4	1745	Mon	244/00	USB	(AB/MPJ)
E11	8180	12-4	0700	Tue	573/00	USB	(AB)
E11	9963	12-4	0715	Tue	639/00	USB	(AB)
E11	14865	12-4	0745	Tue	220/00	USB	(AB)
E11	19184	12-4	0820	Tue	134/00	USB	(AB-RUS)
E11	13908	12-4	0845	Tue	152/00	USB	(AB-POL)
E11	9951	12-4	1000	Tue	302/00	USB	(AB)
E11	6923	12-4	1205	Tue	465/00	USB	(AB/MPJ-POL)
E11	12530	12-4	1230	Tue	334/00	USB	(AB/MPJ)
E11	5176	12-4	1605	Tue	236/00	USB	(AB)
E11	14865	13-4	0640	Wed	945/00	USB	(AB)
E11	15632	13-4	0715	Wed	752/00	USB	(AB-POL)
E11	17410	13-4	0745	Wed	343/00	USB	(AB-POL)
E11	19184	13-4	0820	Wed	132/00	USB	(AB-POL)
E11	12202	13-4	0845	Wed	716/00	USB	(AB)
E11	6940	13-4	0930	Wed	279/00	USB	(AB)
E11	6923	13-4	1205	Wed	469/00	USB	(AB/MPJ)
E11	6923	13-4	1715	Wed	974/00	USB	(AB)
E11	14865	14-4	0745	Thu	223/00	USB	(AB)
E11	5941	14-4	0820	Thu	436/00	USB	(AB)
E11	13908	14-4	0845	Thu	152/00	USB	(AB-RUS)
E11	6940	14-4	0930	Thu	278/00	USB	(AB)
E11	12530	14-4	1230	Thu	330/00	USB	(AB)
E11	5371	14-4	1300	Thu	314/00	USB	(AB)
E11	7864	14-4	1730	Thu	415/00	USB	(AB)

E11	7317	14-4	1900	Thu	646/00	USB	(AB)
E11	8180	15-4	0700	Fri	574/00	USB	(AB)
E11	9963	15-4	0715	Fri	634/00	USB	(AB)
E11	17410	15-4	0745	Fri	344/00	USB	(AB-POL)
E11	5941	15-4	0820	Fri	432/00	USB	(AB)
E11	9951	15-4	1000	Fri	306/00	USB	(AB)
E11	6923	15-4	1715	Fri	970/00	USB	(AB/MPJ)
E11	11116	15-4	1815	Fri	924/00	USB	(AB/MPJ)
E11	8530	15-4	1910	Fri	613/00	USB	(AB)
E11	9079	16-4	0700	Sat	491/00	USB	(AB)
E11	9079	17-4	0700	Sun	490/00	USB	(AB)
E11	5176	17-4	1605	Sun	231/00	USB	(AB)
E11	13470	17-4	1745	Sun	246/00	USB	(AB/MPJ)
E11	11116	17-4	1815	Sun	920/00	USB	(AB/MPJ)
E11	8530	17-4	1910	Sun	618/00	USB	(AB)
E11	5371	18-4	0450	Mon	410/00	USB	(AB)
E11	14865	18-4	0640	Mon	945/00	USB	(AB-POL)
E11	15632	18-4	0715	Mon	759/00	USB	(AB-POL)
E11	10213	18-4	0745	Mon	266/00	USB	(AB)
E11	12202	18-4	0845	Mon	710/00	USB	(AB)
E11	9968	18-4	0900	Mon	532/00	USB	(AB)
E11	7317	18-4	1045	Mon	690/00	USB	(AB)
E11	13470	18-4	1745	Mon	248/00	USB	(AB/MPJ)
E11	8423	19-4	0645	Tue	511/00	USB	(AB)
E11	9963	19-4	0715	Tue	635/00	USB	(AB)
E11	14865	19-4	0745	Tue	220/00	USB	(AB-POL)
E11	19184	19-4	0820	Tue	138/00	USB	(AB-POL)
E11	13908	19-4	0845	Tue	151/00	USB	(AB-POL)
E11	9951	19-4	1000	Tue	304/00	USB	(AB)
E11	12530	19-4	1230	Tue	331/00	USB	(AB)
E11	14972	19-4	1430	Tue	919/00	USB	(AB-POL)
E11	11092	20-4	0315	Wed	256/00	USB	(AB-POL)
E11	14865	20-4	0640	Wed	945/00	USB	(AB)
E11	17410	20-4	0745	Wed	346/00	USB	(AB-POL)
E11	19184	20-4	0820	Wed	130/00	USB	(AB-POL)
E11	12202	20-4	0845	Wed	719/00	USB	(AB)
E11	9968	20-4	0900	Wed	538/00	USB	(AB)
E11	7317	20-4	1045	Wed	693/00	USB	(AB)
E11	6923	20-4	1715	Wed	976/00	USB	(AB)
E11	4181	20-4	1910	Wed	391/00	USB	(AB)
E11	11092	21-4	0315	Thu	259/00	USB	(AB-POL)
E11	8423	21-4	0645	Thu	517/00	USB	(AB)

E11	14865	21-4	0745	Thu	224/00	USB	(AB)
E11	5941	21-4	0820	Thu	438/00	USB	(AB/F5JBR)
E11	13908	21-4	0845	Thu	159/00	USB	(AB-RUS)
E11	12530	21-4	1230	Thu	333/00	USB	(AB/MPJ)
E11	10330	21-4	1530	Thu	267/00	USB	(AB)
E11	7864	21-4	1730	Thu	416/00	USB	(AB)
E11	5737	21-4	2000	Thu	525/00	USB	(AB)
E11	8680	22-4	0600	Fri	359/00	USB	(AB)
E11	9963	22-4	0715	Fri	630/00	USB	(AB)
E11	17410	22-4	0745	Fri	347/00	USB	(AB-POL)
E11	5941	22-4	0820	Fri	431/00	USB	(AB-POL)
E11	15905	22-4	0830	Fri	185/00	USB	(AB-POL)
E11	9951	22-4	1000	Fri	304/00	USB	(AB/MPJ)
E11	6923	22-4	1715	Fri	970/00	USB	(AB)
E11	8530	22-4	1910	Fri	616/00	USB	(AB)
E11	9079	23-4	0700	Sat	490/00	USB	(AB)
E11	14972	23-4	1430	Sat	914/00	USB	(AB-POL)
E11	4505	23-4	1530	Sat	360/00	USB	(AB)
E11	4181	23-4	1910	Sat	399/00	USB	(AB)
E11	8680	24-4	0600	Sun	354/00	USB	(AB)
E11	9079	24-4	0700	Sun	490/00	USB	(AB)
E11	4505	24-4	1530	Sun	360/00	USB	(AB-POL/MPJ-POL)
E11	13470	24-4	1745	Sun	249/00	USB	(AB/MPJ)
E11	8530	24-4	1910	Sun	617/00	USB	(AB)
E11	5737	24-4	2000	Sun	524/00	USB	(AB)
E11	5371	25-4	0451	Mon	415/00 Late start	USB	(AB)
E11	15632	25-4	0715	Mon	754/00	USB	(AB-POL)
E11	10213	25-4	0745	Mon	260/00	USB	(AB)
E11	15905	25-4	0830	Mon	184/00	USB	(AB)
E11	9968	25-4	0900	Mon	533/00	USB	(AB)
E11	7317	25-4	1045	Mon	696/00	USB	(AB)
E11	5371	25-4	1300	Mon	313/00	USB	(AB)
E11	13470	25-4	1745	Mon	242/00	USB	(AB/MPJ)
E11	7317	25-4	1900	Mon	646/00	USB	(AB)
E11	8423	26-4	0645	Tue	514/00	USB	(AB)
E11	8180	26-4	0700	Tue	571/00	USB	(AB)
E11	9963	26-4	0715	Tue	630/00	USB	(AB)
E11	14865	26-4	0745	Tue	221/00	USB	(AB-POL)
E11	13908	26-4	0845	Tue	155/00	USB	(AB-POL)
E11	6923	26-4	1205	Tue	466/00	USB	(AB)
E11	12530	26-4	1230	Tue	333/00	USB	(AB)

E11	14972	26-4	1430	Tue	914/00	USB	(AB-POL/MPJ)
E11	5176	26-4	1605	Tue	233/00	USB	(AB/MPJ)
E11	11092	27-4	0315	Wed	259/00	USB	(AB-POL)
E11	15632	27-4	0715	Wed	750/00	USB	(AB-POL)
E11	17410	27-4	0745	Wed	342/00	USB	(AB-POL)
E11	19184	27-4	0820	Wed	134/00	USB	(AB-POL)
E11	9968	27-4	0900	Wed	535/00	USB	(AB)
E11	6940	27-4	0930	Wed	276/00	USB	(AB)
E11	7317	27-4	1045	Wed	693/00	USB	(AB)
E11	6923	27-4	1205	Wed	465/00	USB	(AB)
E11	6923	27-4	1715	Wed	974/00	USB	(AB)
E11	4181	27-4	1910	Wed	390/00	USB	(AB)
E11	11092	28-4	0315	Thu	253/00	USB	(AB-POL)
E11	8423	28-4	0645	Thu	519/00	USB	(AB)
E11	14865	28-4	0745	Thu	224/00	USB	(AB)
E11	5941	28-4	0820	Thu	434/00	USB	(AB)
E11	13908	28-4	0845	Thu	152/00	USB	(AB-POL)
E11	6940	28-4	0930	Thu	279/00	USB	(AB)
E11	12530	28-4	1230	Thu	337/00	USB	(AB)
E11	5371	28-4	1300	Thu	312/00	USB	(AB-POL/MPJ-AUT)
E11	10330	28-4	1530	Thu	261/00	USB	(AB/MPJ)
E11	7317	28-4	1900	Thu	646/00	USB	(AB)
E11	5737	28-4	2000	Thu	522/00	USB	(AB)
E11	8680	29-4	0600	Fri	354/00	USB	(AB)
E11	8180	29-4	0700	Fri	571/00	USB	(AB)
E11	9963	29-4	0715	Fri	633/00	USB	(AB)
E11	17410	29-4	0745	Fri	343/00	USB	(AB-POL)
E11	5941	29-4	0820	Fri	438/00	USB	(AB-POL)
E11	15905	29-4	0830	Fri	181/00	USB	(AB)
E11	6923	29-4	1715	Fri	972/00	USB	(AB)
E11	11116	29-4	1815	Fri	924/00	USB	(AB/MPJ)
E11	8530	29-4	1910	Fri	611/00	USB	(AB)
E11	9079	30-4	0700	Sat	490/00	USB	(AB)
E11	14972	30-4	1430	Sat	919/00	USB	(AB-POL/MPJ)
E11	4505	30-4	1530	Sat	365/00	USB	(AB/MPJ)
E11	4181	30-4	1910	Sat	395/00	USB	(AB)
E11a	8530	1-4	1910	Fri	616/39 Attention 87237 09980 19604 ... 90923 89743 23183 Attention (message repeated) Out	USB	(AB)
E11a	9079	2-4	0700	Sat	491/34 Attention 34661 00364 42311 ... 49987 96405 46397 Attention (message repeated) Out	USB	(AB)
E11a	9079	3-4	0700	Sun	491/34 Attention 34661 00364 42311 ... 49987 96405 46397 Attention (message repeated) Out	USB	(AB)
E11a	8530	3-4	1910	Sun	616/39 Attention 87237 09980 19604 ... 90923 89743 23183 Attention (message repeated) Out	USB	(AB)
E11a	15632	4-4	0715	Mon	751/35 Attention 24464 17556 66095 ... 36597 70449 56884 Attention (message repeated) Out	USB	(AB)

E11a	13470	4-4	1745	Mon	247/33 Attention 97145 20202 11983 ... 51354 69800 60607 Attention (message repeated) Out	USB	(AB)
E11a	9963	5-4	0715	Tue	639/35 Attention 55482 51865 17285 ... 62838 35337 82332 Attention (message repeated) Out	USB	(AB)
E11a	14865	5-4	0745	Tue	227/32 Attention 99657 79412 40243 ... 04002 10287 46814 Attention (message repeated) Out	USB	(AB-RUS)
E11a	13908	5-4	0845	Tue	152/20 Attention 75309 39612 85059 ... 90949 02182 41246 Attention (message repeated) Out	USB	(AB-RUS)
E11a	12530	5-4	1230	Tue	335/36 Attention 78259 16260 30017 ... 08424 32779 34608 Attention (message repeated) Out	USB	(AB)
E11a	15632	6-4	0715	Wed	751/35 Attention 24464 17556 66095 ... 36597 70449 56884 Attention (message repeated) Out	USB	(AB-POL)
E11a	17410	6-4	0745	Wed	340/36 Attention 88376 20059 18460 ... 62996 76913 82125 Attention (message repeated) Out	USB	(AB-POL)
E11a	6923	6-4	1715	Wed	977/36 Attention 45799 31219 95598 ... 09219 16772 16397 Attention (message repeated) Out	USB	(AB)
E11a	14865	7-4	0745	Thu	227/32 Attention 99657 79412 40243 ... 04002 10287 46814 Attention (message repeated) Out	USB	(AB-RUS)
E11a	5941	7-4	0820	Thu	434/34 Attention 68501 43411 27133 ... 58749 15736 97828 Attention (message repeated) Out	USB	(AB)
E11a	13908	7-4	0845	Thu	152/20 Attention 75309 39612 85059 ... 90949 02182 41246 Attention (message repeated) Out	USB	(AB-RUS)
E11a	12530	7-4	1230	Thu	335/36 Attention 78259 16260 30017 ... 08424 32779 34608 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	9963	8-4	0715	Fri	639/35 Attention 55482 51865 17285 ... 62838 35337 82332 Attention (message repeated) Out	USB	(AB)
E11a	17410	8-4	0745	Fri	340/36 Attention 88376 20059 18460 ... 62996 76913 82125 Attention (message repeated) Out	USB	(AB-POL)
E11a	5941	8-4	0820	Fri	434/34 Attention 68501 43411 27133 ... 58749 15736 97828 Attention (message repeated) Out	USB	(AB)
E11a	6923	8-4	1715	Fri	977/36 Attention 45799 31219 95598 ... 09219 16772 16397 Attention (message repeated) Out	USB	(AB)
E11a	13470	10-4	1745	Sun	247/33 Attention 97145 20202 11983 ... 51354 69800 60607 Attention (message repeated) Out	USB	(AB)
E11a	10213	11-4	0745	Mon	266/35 Attention 65636 72408 29544 ... 67095 15021 08213 Attention (message repeated) Out	USB	(AB)
E11a	15905	11-4	0830	Mon	188/22 Attention 12636 70217 39665 ... 68283 33095 60277 Attention (message repeated) Out	USB	(AB-POL)
E11a	9968	11-4	0900	Mon	538/36 Attention 30458 99713 84266 ... 36816 08924 00445 Attention (message repeated) Out	USB	(AB)
E11a	7317	11-4	1045	Mon	698/26 Attention 53389 76104 07760 ... 64491 73532 59881 Attention (message repeated) Out	USB	(AB/MPJ-HNG)
E11a	8423	12-4	0645	Tue	514/38 Attention 02649 14355 40849 ... 09636 80469 00782 Attention (message repeated) Out	USB	(AB)
E11a	14972	12-4	1430	Tue	912/39 Attention 26877 50545 46092 ... 51563 68029 04795 Attention (message repeated) Out	USB	(AB-POL/MPJ)
E11a	11092	13-4	0315	Wed	251/30 Attention 76729 94894 02315 ... 79230 21322 53879 Attention (message repeated) Out	USB	(AB-POL/HFD)
E11a	9968	13-4	0900	Wed	538/36 Attention 30458 99713 84266 ... 36816 08924 00445 Attention (message repeated) Out	USB	(AB)
E11a	7317	13-4	1045	Wed	698/26 Attention 53389 76104 07760 ... 64491 73532 59881 Attention (message repeated) Out	USB	(AB)
E11a	4181	13-4	1910	Wed	391/34 Attention 46644 39233 62454 ... 39488 35736 27303 Attention (message repeated) Out	USB	(AB)
E11a	11092	14-4	0315	Thu	251/30 Attention 76729 94894 02315 ... 79230 21322 53879 Attention (message repeated) Out	USB	(AB-POL)
E11a	8423	14-4	0645	Thu	514/38 Attention 02649 14355 40849 ... 09636 80469 00782 Attention (message repeated) Out	USB	(AB)
E11a	10330	14-4	1530	Thu	266/35 Attention 65636 72408 29544 ... 67095 15021 08213 Attention (message repeated) Out	USB	(AB)
E11a	5737	14-4	2000	Thu	520/35 Attention 23556 76228 51912 ... 62143 38679 65104 Attention (message repeated) Out	USB	(AB)
E11a	8680	15-4	0600	Fri	359/35 Attention 53492 31693 45951 ... 64034 24767 05535 Attention (message repeated) Out	USB	(AB)
E11a	15905	15-4	0830	Fri	188/22 Attention 12636 70217 39665 ... 68283 33095 60277 Attention (message repeated) Out	USB	(AB-POL)
E11a	14972	16-4	1430	Sat	912/39 Attention 26877 50545 46092 ... 51563 68029 04795 Attention (message repeated) Out	USB	(AB-POL)
E11a	4505	16-4	1530	Sat	364/32 Attention 36623 06899 87090 ... 29442 64312 72908 Attention (message repeated) Out	USB	(AB/MPJ-POL)
E11a	4181	16-4	1910	Sat	391/34 Attention 46644 39233 62454 ... 39488 35736 27303 Attention (message repeated) Out	USB	(AB)
E11a	8680	17-4	0600	Sun	359/35 Attention 53492 31693 45951 ... 64034 24767 05535 Attention (message repeated) Out	USB	(AB)
E11a	4505	17-4	1530	Sun	364/32 Attention 36623 06899 87090 ... 29442 64312 72908 Attention (message repeated) Out	USB	(AB/MPJ-HNG)
E11a	5737	17-4	2000	Sun	520/35 Attention 23556 76228 51912 ... 62143 38679 65104 Attention (message repeated) Out	USB	(AB)
E11a	5371	18-4	1300	Mon	316/37 Attention 31527 91358 45617 ... 88487 00441 75874 Attention (message repeated) Out	USB	(AB)
E11a	7317	18-4	1900	Mon	646/32 Attention 68179 58433 85205 ... 21772 24114 07617 Attention (message repeated) Out	USB	(AB)
E11a	8180	19-4	0700	Tue	573/35 Attention 75366 86687 74415 ... 78726 26146 45010 Attention (message repeated) Out	USB	(AB)

E11a	6923	19-4	1205	Tue	463/31 Attention 84816 57039 49863 ... 81481 41300 23696 Attention (message repeated) Out	USB	(AB)
E11a	5176	19-4	1605	Tue	237/33 Attention 59486 64476 97323 ... 03369 52701 52906 Attention (message repeated) Out	USB	(AB)
E11a	6940	20-4	0930	Wed	276/33 Attention 81080 34009 46456 ... 80168 48992 97811 Attention (message repeated) Out	USB	(AB)
E11a	6923	20-4	1205	Wed	463/31 Attention 84816 57039 49863 ... 81481 41300 23696 Attention (message repeated) Out	USB	(AB)
E11a	6940	21-4	0930	Thu	276/33 Attention 81080 34009 46456 ... 80168 48992 97811 Attention (message repeated) Out	USB	(AB)
E11a	5371	21-4	1300	Thu	316/37 Attention 31527 91358 45617 ... 88487 00441 75874 Attention (message repeated) Out	USB	(AB-POL)
E11a	7317	21-4	1900	Thu	646/32 Attention 68179 58433 85205 ... 21772 24114 07617 Attention (message repeated) Out	USB	(AB)
E11a	8180	22-4	0700	Fri	573/35 Attention 75366 86687 74415 ... 78726 26146 45010 Attention (message repeated) Out	USB	(AB)
E11a	11116	22-4	1815	Fri	929/37 Attention 80653 15980 49201 ... 30087 46066 68814 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	5176	24-4	1605	Sun	237/33 Attention 59486 64476 97323 ... 03369 52701 52906 Attention (message repeated) Out	USB	(AB)
E11a	11116	24-4	1815	Sun	929/37 Attention 80653 15980 49201 ... 30087 46066 68814 Attention (message repeated) Out	USB	(AB)
E11a	14865	25-4	0640	Mon	945/34 Attention 86127 95632 73212 ... 76284 75445 04009 Attention (message repeated) Out	USB	(AB-POL)
E11a	12202	25-4	0845	Mon	715/39 Attention 08068 78310 89445 ... 36317 75185 39680 Attention (message repeated) Out	USB	(AB)
E11a	19184	26-4	0820	Tue	134/35 Attention 92615 92804 73827 ... 02086 51506 15922 Attention (message repeated) Out	USB	(AB-POL)
E11a	9951	26-4	1000	Tue	308/40 Attention 85807 79222 28822 ... 20041 16745 02187 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	14865	27-4	0640	Wed	945/34 Attention 86127 95632 73212 ... 76284 75445 04009 Attention (message repeated) Out	USB	(AB)
E11a	12202	27-4	0845	Wed	715/39 Attention 08068 78310 89445 ... 36317 75185 39680 Attention (message repeated) Out	USB	(AB)
E11a	7864	28-4	1730	Thu	411/35 Attention 16322 23126 16713 ... 86287 02569 88774 Attention (message repeated) Out	USB	(AB)
E11a	9951	29-4	1000	Fri	308/40 Attention 85807 79222 28822 ... 20041 16745 02187 Attention (message repeated) Out	USB	(AB)
F01	10177	1-4	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/MPJ-FIN/HFD)
F01	8076	1-4	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/MPJ-FIN/HFD-RUS)
F01	6974	1-4	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/MPJ-FIN/HFD-RUS)
F01	10177	4-4	1015	Mon	Russian diplo/intel. 23875 74181 52268 ... 83319 48156 33415 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	8076	4-4	1025	Mon	Russian diplo/intel. 23875 74181 52268 ... 83319 48156 33415 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	6974	4-4	1035	Mon	Russian diplo/intel. 23875 74181 52268 ... 83319 48156 33415 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	10177	5-4	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	8076	5-4	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	6974	5-4	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	10177	6-4	1015	Wed	Russian diplo/intel. 26925 38921 49146 ... 72951 44621 36421 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	8076	6-4	1025	Wed	Russian diplo/intel. 26925 38921 49146 ... 72951 44621 36421 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	6974	6-4	1035	Wed	Russian diplo/intel. 26925 38921 49146 ... 72951 44621 36421 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	12194	6-4	1840	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	10581	6-4	1850	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	8112	6-4	1900	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	10177	7-4	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/MPJ)
F01	8076	7-4	1025	Thu	Russian diplo/intel. Two Messages	FSK 200/500	(AB-RUS/MPJ)
F01	6974	7-4	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/MPJ)
F01	10177	8-4	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	8076	8-4	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	6974	8-4	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	10177	11-4	1015	Mon	Russian diplo/intel. 58131 24644 97109 ... 99928 93934 39375 39421 00000 +++++ +++++ +++++	FSK 200/500	(AB/MPJ)
F01	8076	11-4	1025	Mon	Russian diplo/intel. 58131 24644 97109 ... 99928 93934 39375 39421 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS/MPJ)

F01	6974	11-4	1035	Mon	Russian diplo/intel. 58131 24644 97109 ... 99928 93934 39375 39421 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS/MPJ)
F01	10177	12-4	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	8076	12-4	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	6974	12-4	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	10177	13-4	1015	Wed	Russian diplo/intel. 42623 02513 87274 ... 25891 67330 42441 00000 +++++	FSK 200/500	(AB-RUS)
F01	8076	13-4	1025	Wed	Russian diplo/intel. 42623 02513 87274 ... 25891 67330 42441 00000 +++++	FSK 200/500	(AB-RUS)
F01	6974	13-4	1035	Wed	Russian diplo/intel. 42623 02513 87274 ... 25891 67330 42441 00000 +++++	FSK 200/500	(AB-RUS)
F01	10177	14-4	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	8076	14-4	1025	Thu	Russian diplo/intel. Two Messages	FSK 200/500	(AB-RUS)
F01	6974	14-4	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	10177	15-4	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	8076	15-4	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	6974	15-4	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	10177	18-4	1015	Mon	Russian diplo/intel. 28317 03204 72140 ... 77125 85203 45437 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	8076	18-4	1025	Mon	Russian diplo/intel. 28317 03204 72140 ... 77125 85203 45437 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	6974	18-4	1035	Mon	Russian diplo/intel. 28317 03204 72140 ... 77125 85203 45437 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	10177	19-4	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	8076	19-4	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	6974	19-4	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	10177	20-4	1015	Wed	Russian diplo/intel. 39172 66917 21793 ... 02048 63437 48417 00000 +++++	FSK 200/500	(AB-RUS)
F01	8076	20-4	1025	Wed	Russian diplo/intel. 39172 66917 21793 ... 02048 63437 48417 00000 +++++	FSK 200/500	(AB-RUS)
F01	6974	20-4	1035	Wed	Russian diplo/intel. 39172 66917 21793 ... 02048 63437 48417 00000 +++++	FSK 200/500	(AB-RUS)
F01	10177	21-4	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	8076	21-4	1025	Thu	Russian diplo/intel. Two Messages	FSK 200/500	(AB-RUS)
F01	6974	21-4	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	10177	22-4	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	8076	22-4	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	6974	22-4	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	10177	25-4	1015	Mon	Russian diplo/intel. 13677 43975 63342 ... 72688 44624 51415 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	8076	25-4	1025	Mon	Russian diplo/intel. 13677 43975 63342 ... 72688 44624 51415 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	6974	25-4	1035	Mon	Russian diplo/intel. 13677 43975 63342 ... 72688 44624 51415 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	10177	26-4	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	8076	26-4	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	6974	26-4	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	10177	27-4	1015	Wed	Russian diplo/intel. 33695 67783 74921 ... 89789 38012 54431 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	8076	27-4	1025	Wed	Russian diplo/intel. 33695 67783 74921 ... 89789 38012 54431 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	6974	27-4	1035	Wed	Russian diplo/intel. 33695 67783 74921 ... 89789 38012 54431 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	10177	28-4	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/MPJ-HNG)
F01	8076	28-4	1025	Thu	Russian diplo/intel. Two Messages	FSK 200/500	(AB-RUS/MPJ-HNG)
F01	6974	28-4	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/MPJ-HNG)
F01	10177	29-4	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	8076	29-4	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)

F01	6974	29-4	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F03j	4181	1-4	0135	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	1-4	0140	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5409	1-4	0800	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5409	1-4	0805	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	1-4	0850	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	1-4	0855	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	2-4	0135	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	2-4	0140	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	3-4	0135	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	3-4	0140	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	4-4	0135	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	4-4	0140	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	4-4	0615	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	4-4	0620	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19515	4-4	0630	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19515	4-4	0635	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	10210	4-4	0950	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	4-4	0955	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	5-4	0135	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	5-4	0140	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	5-4	0810	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	5-4	0815	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	5-4	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	5-4	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	5-4	1100	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	5-4	1105	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	6-4	0135	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	6-4	0140	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	6-4	0615	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	6-4	0620	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19515	6-4	0630	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19515	6-4	0635	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	10210	6-4	0950	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	6-4	0955	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	6-4	1100	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	6-4	1105	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	7-4	0135	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	7-4	0140	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5409	7-4	0800	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5409	7-4	0805	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	7-4	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	13046	7-4	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	8-4	0135	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	8-4	0140	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5409	8-4	0800	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5409	8-4	0805	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	8-4	0850	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	8-4	0855	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	9-4	0135	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	9-4	0140	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	10-4	0135	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	10-4	0140	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	11-4	0135	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	11-4	0140	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	11-4	0615	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	11-4	0620	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19515	11-4	0630	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19515	11-4	0635	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	10210	11-4	0950	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	11-4	0955	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	12-4	0135	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	12-4	0140	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	12-4	0810	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	12-4	0815	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	12-4	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	12-4	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	12-4	1100	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	12-4	1105	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	13-4	0135	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	13-4	0140	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	13-4	0615	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	13-4	0620	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19515	13-4	0630	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19515	13-4	0635	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	10210	13-4	0950	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	13-4	0955	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	13-4	1100	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	13-4	1105	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	14-4	0135	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	14-4	0140	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5409	14-4	0800	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5409	14-4	0805	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	14-4	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	13046	14-4	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	15-4	0135	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	15-4	0140	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5409	15-4	0800	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5409	15-4	0805	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	15-4	0850	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	15-4	0855	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	16-4	0135	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	16-4	0140	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	17-4	0135	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	17-4	0140	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	18-4	0135	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	18-4	0140	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	18-4	0615	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	18-4	0620	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19515	18-4	0630	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19515	18-4	0635	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	10210	18-4	0950	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	18-4	0955	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	19-4	0135	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	19-4	0140	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	19-4	0810	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	19-4	0815	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	19-4	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	19-4	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	19-4	1100	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	19-4	1105	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	20-4	0135	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	20-4	0140	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	20-4	0615	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	20-4	0620	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19515	20-4	0630	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19515	20-4	0635	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	10210	20-4	0950	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	20-4	0955	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	20-4	1100	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	20-4	1105	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	21-4	0135	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	21-4	0140	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5409	21-4	0800	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5409	21-4	0805	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	21-4	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	13046	21-4	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	22-4	0135	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	22-4	0140	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5409	22-4	0800	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5409	22-4	0805	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	22-4	0850	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	22-4	0855	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	23-4	0135	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	23-4	0140	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	24-4	0135	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	24-4	0140	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	25-4	0135	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	25-4	0140	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	25-4	0615	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	25-4	0620	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19515	25-4	0630	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19515	25-4	0635	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	10210	25-4	0950	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	25-4	0955	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	26-4	0135	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	26-4	0140	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	26-4	0810	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	26-4	0815	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	26-4	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	26-4	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	26-4	1100	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	6849	26-4	1105	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	4181	27-4	0135	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	27-4	0140	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	27-4	0615	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	27-4	0620	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19515	27-4	0630	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19515	27-4	0635	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	10210	27-4	0950	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	27-4	0955	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	27-4	1100	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	27-4	1105	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	28-4	0135	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	28-4	0140	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5409	28-4	0800	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5409	28-4	0805	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	28-4	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	13046	28-4	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	29-4	0135	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	29-4	0140	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5409	29-4	0800	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5409	29-4	0805	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	29-4	0850	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	29-4	0855	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	30-4	0135	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4181	30-4	0140	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03l	10641	1-4	0735	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	10641	1-4	0740	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6397	1-4	0930	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6397	1-4	0935	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	15915	1-4	1315	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	15915	1-4	1320	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	10641	1-4	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	10641	1-4	1340	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	7984	1-4	1500	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03l	7984	1-4	1505	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03l	10641	2-4	0735	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	10641	2-4	0740	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	10641	2-4	1335	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03l	10641	2-4	1340	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03l	10641	3-4	0735	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	10641	3-4	0740	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	10641	3-4	1335	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	10641	3-4	1340	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	10641	4-4	0735	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	10641	4-4	0740	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	12385	4-4	0810	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	12385	4-4	0815	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6397	4-4	0930	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6397	4-4	0935	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	12153	4-4	1010	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	12153	4-4	1015	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	7377	4-4	1030	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	7377	4-4	1035	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	10641	4-4	1335	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	10641	4-4	1340	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	7798	4-4	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	7798	4-4	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	8305	5-4	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	8305	5-4	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	5-4	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	5-4	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	5-4	0725	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	5-4	0730	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	5-4	0735	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	5-4	0740	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	5-4	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	5-4	0805	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	5-4	1335	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	10641	5-4	1340	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7984	5-4	1500	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7984	5-4	1505	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	11104	6-4	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11104	6-4	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	6-4	0735	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	6-4	0740	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	6-4	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	6-4	0805	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	6-4	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	6-4	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12153	6-4	1010	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12153	6-4	1015	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	6-4	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	6-4	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	6-4	1315	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	6-4	1320	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	6-4	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	6-4	1340	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11104	7-4	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	11104	7-4	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	8305	7-4	0615	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8305	7-4	0620	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	7-4	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	7-4	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	7-4	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	7-4	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	7-4	0735	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	7-4	0740	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	7-4	0915	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	7-4	0920	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	7-4	1335	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)

F03I	10641	7-4	1340	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7798	7-4	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7798	7-4	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	8-4	0735	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	8-4	0740	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6397	8-4	0930	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6397	8-4	0935	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6945	8-4	0945	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6945	8-4	0950	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	8-4	1315	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	8-4	1320	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	8-4	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	8-4	1340	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7984	8-4	1500	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7984	8-4	1505	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	9-4	0735	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	9-4	0740	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	9-4	1335	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	10641	9-4	1340	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	10641	10-4	0735	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	10-4	0740	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	10-4	1335	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	10-4	1340	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	11-4	0735	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	11-4	0740	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	11-4	0810	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	11-4	0815	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6397	11-4	0930	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6397	11-4	0935	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12153	11-4	1010	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	12153	11-4	1015	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7377	11-4	1030	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7377	11-4	1035	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	10641	11-4	1335	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	11-4	1340	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7798	11-4	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	7798	11-4	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	8305	12-4	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8305	12-4	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	12-4	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	12-4	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	12-4	0725	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	13873	12-4	0730	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	12-4	0735	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	12-4	0740	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	12-4	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	12-4	0805	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	12-4	1335	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	10641	12-4	1340	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7984	12-4	1500	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7984	12-4	1505	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	11104	13-4	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11104	13-4	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	13-4	0735	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	13-4	0740	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	13-4	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	13-4	0805	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	13-4	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	13-4	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12153	13-4	1010	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12153	13-4	1015	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	13-4	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	13-4	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	13-4	1315	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	15915	13-4	1320	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	10641	13-4	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	10641	13-4	1340	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	11104	14-4	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	11104	14-4	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	8305	14-4	0615	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8305	14-4	0620	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	14-4	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	14-4	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	14-4	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	14-4	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	14-4	0735	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	14-4	0740	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	14-4	0915	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	14-4	0920	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	14-4	1335	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	14-4	1340	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7798	14-4	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7798	14-4	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	15-4	0735	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	10641	15-4	0740	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6397	15-4	0930	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6397	15-4	0935	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	15-4	1315	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	15915	15-4	1320	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	10641	15-4	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	10641	15-4	1340	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7984	15-4	1500	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7984	15-4	1505	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	16-4	0735	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	16-4	0740	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	16-4	1335	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	16-4	1340	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	17-4	0735	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	17-4	0740	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	17-4	1335	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	17-4	1340	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	18-4	0735	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	18-4	0740	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	18-4	0810	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	18-4	0815	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6397	18-4	0930	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6397	18-4	0935	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12153	18-4	1010	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	12153	18-4	1015	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7377	18-4	1030	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7377	18-4	1035	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	10641	18-4	1335	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	18-4	1340	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7798	18-4	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7798	18-4	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8305	19-4	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8305	19-4	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	19-4	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	19-4	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	19-4	0725	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	19-4	0730	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	19-4	0735	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	19-4	0740	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	19-4	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	19-4	0805	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6940	19-4	0945	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	6940	19-4	0950	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	19-4	1335	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	19-4	1340	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7984	19-4	1500	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7984	19-4	1505	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11104	20-4	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11104	20-4	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	20-4	0735	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	20-4	0740	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	20-4	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	20-4	0805	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	20-4	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	20-4	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12153	20-4	1010	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12153	20-4	1015	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	20-4	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	20-4	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	20-4	1315	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	20-4	1320	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	20-4	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	20-4	1340	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11104	21-4	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	11104	21-4	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	8305	21-4	0615	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8305	21-4	0620	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	21-4	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	21-4	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	21-4	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	21-4	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	21-4	0735	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	21-4	0740	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	21-4	0915	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	21-4	0920	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	21-4	1335	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	10641	21-4	1340	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7798	21-4	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7798	21-4	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	22-4	0735	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	22-4	0740	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	22-4	0810	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	22-4	0815	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6397	22-4	0930	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	6397	22-4	0935	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6940	22-4	0945	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	6940	22-4	0950	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	15915	22-4	1315	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	22-4	1320	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	22-4	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	10641	22-4	1340	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7984	22-4	1500	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7984	22-4	1505	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	10641	23-4	0735	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	23-4	0740	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	23-4	1335	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	23-4	1340	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	24-4	0735	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	24-4	0740	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	24-4	1335	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	10641	24-4	1340	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	10641	25-4	0735	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	25-4	0740	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	25-4	0810	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	25-4	0815	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6397	25-4	0930	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6397	25-4	0935	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12153	25-4	1010	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12153	25-4	1015	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	25-4	1030	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	25-4	1035	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	25-4	1335	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	10641	25-4	1340	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7798	25-4	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7798	25-4	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	8305	26-4	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8305	26-4	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	26-4	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	26-4	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	26-4	0725	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	26-4	0730	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	26-4	0735	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	26-4	0740	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	26-4	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	26-4	0805	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6940	26-4	0945	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	6940	26-4	0950	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	26-4	1335	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	10641	26-4	1340	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7984	26-4	1500	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7984	26-4	1505	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	11104	27-4	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11104	27-4	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	27-4	0735	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	27-4	0740	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	27-4	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18030	27-4	0805	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	27-4	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	27-4	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12153	27-4	1010	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12153	27-4	1015	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	27-4	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	27-4	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	27-4	1315	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	27-4	1320	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	27-4	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	27-4	1340	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11104	28-4	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	11104	28-4	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	8305	28-4	0615	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8305	28-4	0620	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	28-4	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	28-4	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	28-4	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	28-4	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	28-4	0735	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	28-4	0740	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	28-4	0915	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	28-4	0920	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	28-4	1335	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	10641	28-4	1340	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7798	28-4	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7798	28-4	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	29-4	0735	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	29-4	0740	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	29-4	0810	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	29-4	0815	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6397	29-4	0930	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	6397	29-4	0935	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6940	29-4	0945	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6940	29-4	0950	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	29-4	1315	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	29-4	1320	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	29-4	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	10641	29-4	1340	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7984	29-4	1500	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7984	29-4	1505	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	10641	30-4	0735	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	30-4	0740	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	30-4	1335	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10641	30-4	1340	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F06	11054	1-4	0700	Fri	Russian diplo/intel. 11166 70202 95137 01019 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8189	1-4	0710	Fri	Russian diplo/intel. 11166 70202 95137 01019 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6952	1-4	0720	Fri	Russian diplo/intel. 11166 70202 95137 01019 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	18626	3-4	1530	Sun	Russian diplo/intel. 11166 10053 15973 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	16325	3-4	1540	Sun	Russian diplo/intel. 11166 10053 15973 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13458	3-4	1550	Sun	Russian diplo/intel. 11166 10053 15973 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9473	4-4	0400	Mon	Russian diplo/intel. 11166 70059 15973 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7556	4-4	0410	Mon	Russian diplo/intel. 11166 70059 15973 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5471	4-4	0420	Mon	Russian diplo/intel. 11166 70059 15973 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11054	4-4	0700	Mon	Russian diplo/intel. 11166 70202 14758 01064 02579	FSK 200/1000	(AB)
F06	8189	4-4	0710	Mon	Russian diplo/intel. 11166 70202 14758 01064 02579	FSK 200/1000	(AB)
F06	6952	4-4	0720	Mon	Russian diplo/intel. 11166 70202 14758 01064 02579	FSK 200/1000	(AB-RUS)
F06	10388	4-4	1200	Mon	Russian diplo/intel. 11166 70202 14758 01064 02579	FSK 200/1000	(AB-RUS)
F06	8084	4-4	1210	Mon	Russian diplo/intel. 11166 70202 14758 01064 02579	FSK 200/1000	(AB-RUS)
F06	6780	4-4	1220	Mon	Russian diplo/intel. 11166 70202 14758 01064 02579	FSK 200/1000	(AB-RUS)
F06	9455	5-4	0030	Tue	Russian diplo//intel. 11166 60070 78523 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8131	5-4	0040	Tue	Russian diplo//intel. 11166 60070 78523 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7445	5-4	0050	Tue	Russian diplo//intel. 11166 60070 78523 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11054	5-4	0700	Tue	Russian diplo/intel. 11166 70202 79465 04065 02039 and 11166 70202 12458 04066 02059	FSK 200/1000	(AB)
F06	8189	5-4	0710	Tue	Russian diplo/intel. 11166 70202 79465 04065 02039 and 11166 70202 12458 04066 02059	FSK 200/1000	(AB-RUS)
F06	6952	5-4	0720	Tue	Russian diplo/intel. 11166 70202 79465 04065 02039 and 11166 70202 12458 04066 02059	FSK 200/1000	(AB-RUS)
F06	10388	5-4	1200	Tue	Russian diplo/intel. 11166 70202 79465 04065 02039 and 11166 70202 12458 04066 02059	FSK 200/1000	(AB/MPJ)
F06	8084	5-4	1210	Tue	Russian diplo/intel. 11166 70202 79465 04065 02039 and 11166 70202 12458 04066 02059	FSK 200/1000	(AB-RUS/MPJ)
F06	6780	5-4	1220	Tue	Russian diplo/intel. 11166 70202 79465 04065 02039 and 11166 70202 12458 04066 02059	FSK 200/1000	(AB-RUS)
F06	18726	5-4	1650	Tue	11166 10053 34521 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	16238	5-4	1700	Tue	11166 10053 34521 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13378	5-4	1710	Tue	11166 10053 34521 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	16325	6-4	0600	Wed	Russian diplo/intel. 11166 40122 12654 02096 03639	FSK 200/1000	(AB-RUS)
F06	14724	6-4	0610	Wed	Russian diplo/intel. 11166 40122 12654 02096 03639	FSK 200/1000	(AB-RUS)

F06	12172	6-4	0620	Wed	Russian diplo/intel. 11166 40122 12654 02096 03639	FSK 200/1000	(AB-RUS)
F06	11054	6-4	0700	Wed	Russian diplo/intel. 11166 70202 31547 05067 02699	FSK 200/1000	(AB)
F06	8189	6-4	0710	Wed	Russian diplo/intel. 11166 70202 31547 05067 02699	FSK 200/1000	(AB)
F06	6952	6-4	0720	Wed	Russian diplo/intel. 11166 70202 31547 05067 02699	FSK 200/1000	(AB-RUS)
F06	10388	6-4	1200	Wed	Russian diplo/intel. 11166 70202 31547 05067 02699	FSK 200/1000	(AB-RUS)
F06	8084	6-4	1210	Wed	Russian diplo/intel. 11166 70202 31547 05067 02699	FSK 200/1000	(AB-RUS)
F06	6780	6-4	1220	Wed	Russian diplo/intel. 11166 70202 31547 05067 02699	FSK 200/1000	(AB-RUS)
F06	16325	7-4	0600	Thu	Russian diplo/intel. 11166 40122 12654 02096 03639	FSK 200/1000	(AB-RUS)
F06	14724	7-4	0610	Thu	Russian diplo/intel. 11166 40122 12654 02096 03639	FSK 200/1000	(AB-RUS)
F06	12172	7-4	0620	Thu	Russian diplo/intel. 11166 40122 12654 02096 03639	FSK 200/1000	(AB-RUS)
F06	11054	7-4	0700	Thu	Russian diplo/intel. 11166 70202 54120 05068 01739 and 11166 70202 35681 05069 02179	FSK 200/1000	(AB)
F06	8189	7-4	0710	Thu	Russian diplo/intel. 11166 70202 54120 05068 01739 and 11166 70202 35681 05069 02179	FSK 200/1000	(AB-RUS)
F06	6952	7-4	0720	Thu	Russian diplo/intel. 11166 70202 54120 05068 01739 and 11166 70202 35681 05069 02179	FSK 200/1000	(AB-RUS)
F06	10388	7-4	1200	Thu	Russian diplo/intel. 11166 70202 54120 05068 01739 and 11166 70202 35681 05069 02179	FSK 200/1000	(AB-RUS)
F06	8084	7-4	1210	Thu	Russian diplo/intel. 11166 70202 54120 05068 01739 and 11166 70202 35681 05069 02179	FSK 200/1000	(AB-RUS)
F06	6780	7-4	1220	Thu	Russian diplo/intel. 11166 70202 54120 05068 01739 and 11166 70202 35681 05069 02179	FSK 200/1000	(AB-RUS)
F06	16351	7-4	1330	Thu	Russian diplo/intel. 11166 00000 80214 07095 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14367	7-4	1340	Thu	Russian diplo/intel. 11166 00000 80214 07095 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11483	7-4	1350	Thu	Russian diplo/intel. 11166 00000 80214 07095 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11054	8-4	0700	Fri	Russian diplo/intel. 11166 70202 72861 08081 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8189	8-4	0710	Fri	Russian diplo/intel. 11166 70202 72861 08081 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6952	8-4	0720	Fri	Russian diplo/intel. 11166 70202 72861 08081 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10687	9-4	1400	Sat	Russian diplo/intel. 11100 00000 32785 08047 02139	FSK 200/1000	(AB/MPJ)
F06	7992	9-4	1410	Sat	Russian diplo/intel. 11100 00000 32785 08047 02139	FSK 200/1000	(AB-RUS/MPJ)
F06	5913	9-4	1420	Sat	Russian diplo/intel. 11100 00000 32785 08047 02139	FSK 200/1000	(AB-RUS/MPJ)
F06	12167	10-4	1030	Sun	Russian diplo/intel. 11100 00000 32785 08047 02139	FSK 200/1000	(AB/MPJ)
F06	9937	10-4	1040	Sun	Russian diplo/intel. 11100 00000 32785 08047 02139	FSK 200/1000	(AB/MPJ)
F06	7526	10-4	1050	Sun	Russian diplo/intel. 11100 00000 32785 08047 02139	FSK 200/1000	(AB/MPJ)
F06	18626	10-4	1530	Sun	Russian diplo/intel. 11166 10053 54879 10075 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	16325	10-4	1540	Sun	Russian diplo/intel. 11166 10053 54879 10075 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13458	10-4	1550	Sun	Russian diplo/intel. 11166 10053 54879 10075 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11054	11-4	0700	Mon	Russian diplo/intel. 11166 70202 79462 08070 02439	FSK 200/1000	(AB)
F06	8189	11-4	0710	Mon	Russian diplo/intel. 11166 70202 79462 08070 02439	FSK 200/1000	(AB)
F06	6952	11-4	0720	Mon	Russian diplo/intel. 11166 70202 79462 08070 02439	FSK 200/1000	(AB-RUS)
F06	10388	11-4	1200	Mon	Russian diplo/intel. 11166 70202 79462 08070 02439	FSK 200/1000	(AB-RUS)
F06	8084	11-4	1210	Mon	Russian diplo/intel. 11166 70202 79462 08070 02439	FSK 200/1000	(AB-RUS)
F06	6780	11-4	1220	Mon	Russian diplo/intel. 11166 70202 79462 08070 02439	FSK 200/1000	(AB-RUS)
F06	9455	12-4	0030	Tue	Russian diplo//intel. 11166 60070 15973 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8131	12-4	0040	Tue	Russian diplo//intel. 11166 60070 15973 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7445	12-4	0050	Tue	Russian diplo//intel. 11166 60070 15973 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11054	12-4	0700	Tue	Russian diplo/intel. 11166 70202 26471 11071 01659 and 11166 70202 75146 11072 02099	FSK 200/1000	(AB)
F06	8189	12-4	0710	Tue	Russian diplo/intel. 11166 70202 26471 11071 01659 and 11166 70202 75146 11072 02099	FSK 200/1000	(AB-RUS)

F06	6952	12-4	0720	Tue	Russian diplo/intel. 11166 70202 26471 11071 01659 and 11166 70202 75146 11072 02099	FSK 200/1000	(AB-RUS)
F06	10388	12-4	1200	Tue	Russian diplo/intel. 11166 70202 26471 11071 01659 and 11166 70202 75146 11072 02099	FSK 200/1000	(AB/MPJ)
F06	8084	12-4	1210	Tue	Russian diplo/intel. 11166 70202 26471 11071 01659 and 11166 70202 75146 11072 02099	FSK 200/1000	(AB-RUS/MPJ)
F06	6780	12-4	1220	Tue	Russian diplo/intel. 11166 70202 26471 11071 01659 and 11166 70202 75146 11072 02099	FSK 200/1000	(AB-RUS/MPJ)
F06	18726	12-4	1650	Tue	Russian diplo/intel. 11166 10053 45781 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16238	12-4	1700	Tue	Russian diplo/intel. 11166 10053 45781 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13378	12-4	1710	Tue	Russian diplo/intel. 11166 10053 45781 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16325	13-4	0600	Wed	Russian diplo/intel. 11166 40122 74589 09097 03029 and 11166 40122 96521 09098 02519	FSK 200/1000	(AB-J)
F06	14724	13-4	0610	Wed	Russian diplo/intel. 11166 40122 74589 09097 03029 and 11166 40122 96521 09098 02519	FSK 200/1000	(AB-J)
F06	12172	13-4	0620	Wed	Russian diplo/intel. 11166 40122 74589 09097 03029 and 11166 40122 96521 09098 02519	FSK 200/1000	(AB-J)
F06	11054	13-4	0700	Wed	Russian diplo/intel. 11166 70202 45871 12073 02739	FSK 200/1000	(AB)
F06	8189	13-4	0710	Wed	Russian diplo/intel. 11166 70202 45871 12073 02739	FSK 200/1000	(AB-RUS)
F06	6952	13-4	0720	Wed	Russian diplo/intel. 11166 70202 45871 12073 02739	FSK 200/1000	(AB-RUS)
F06	16209	13-4	0800	Wed	Russian diplo/intel. 11166 00052 86231 13007 01519	FSK 200/1000	(AB-RUS)
F06	14363	13-4	0810	Wed	Russian diplo/intel. 11166 00052 86231 13007 01519	FSK 200/1000	(AB)
F06	12226	13-4	0820	Wed	Russian diplo/intel. 11166 00052 86231 13007 01519	FSK 200/1000	(AB)
F06	10388	13-4	1200	Wed	Russian diplo/intel. 11166 70202 45871 12073 02739	FSK 200/1000	(AB-POL)
F06	8084	13-4	1210	Wed	Russian diplo/intel. 11166 70202 45871 12073 02739	FSK 200/1000	(AB-POL)
F06	6780	13-4	1220	Wed	Russian diplo/intel. 11166 70202 45871 12073 02739	FSK 200/1000	(AB-POL)
F06	16325	14-4	0600	Thu	Russian diplo/intel. 11166 40122 74589 09097 03029 and 11166 40122 96521 09098 02519	FSK 200/1000	(AB-J)
F06	14724	14-4	0610	Thu	Russian diplo/intel. 11166 40122 74589 09097 03029 and 11166 40122 96521 09098 02519	FSK 200/1000	(AB-J)
F06	12172	14-4	0620	Thu	Russian diplo/intel. 11166 40122 74589 09097 03029 and 11166 40122 96521 09098 02519	FSK 200/1000	(AB-J)
F06	11054	14-4	0700	Thu	Russian diplo/intel. 11166 70202 15982 13074 01819 and 11166 70202 98153 13075 02039	FSK 200/1000	(AB)
F06	8189	14-4	0710	Thu	Russian diplo/intel. 11166 70202 15982 13074 01819 and 11166 70202 98153 13075 02039	FSK 200/1000	(AB-RUS)
F06	6952	14-4	0720	Thu	Russian diplo/intel. 11166 70202 15982 13074 01819 and 11166 70202 98153 13075 02039	FSK 200/1000	(AB-RUS)
F06	16209	14-4	0800	Thu	Russian diplo/intel. 11166 00052 86231 13007 01519	FSK 200/1000	(AB)
F06	14363	14-4	0810	Thu	Russian diplo/intel. 11166 00052 86231 13007 01519	FSK 200/1000	(AB)
F06	12226	14-4	0820	Thu	Russian diplo/intel. 11166 00052 86231 13007 01519	FSK 200/1000	(AB)
F06	10388	14-4	1200	Thu	Russian diplo/intel. 11166 70202 15982 13074 01819 and 11166 70202 98153 13075 02039	FSK 200/1000	(AB-RUS)
F06	8084	14-4	1210	Thu	Russian diplo/intel. 11166 70202 15982 13074 01819 and 11166 70202 98153 13075 02039	FSK 200/1000	(AB-RUS)
F06	6780	14-4	1220	Thu	Russian diplo/intel. 11166 70202 15982 13074 01819 and 11166 70202 98153 13075 02039	FSK 200/1000	(AB-RUS)
F06	16351	14-4	1330	Thu	Russian diplo/intel. 11166 80214 24685 14037 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14367	14-4	1340	Thu	Russian diplo/intel. 11166 80214 24685 14037 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11483	14-4	1350	Thu	Russian diplo/intel. 11166 80214 24685 14037 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11054	15-4	0700	Fri	Russian diplo/intel. 11166 70202 62847 15043 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8189	15-4	0710	Fri	Russian diplo/intel. 11166 70202 62847 15043 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6952	15-4	0720	Fri	Russian diplo/intel. 11166 70202 62847 15043 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10687	16-4	1400	Sat	Russian diplo/intel. 11100 00000 92587 15048 01759	FSK 200/1000	(AB/MPJ)
F06	7992	16-4	1410	Sat	Russian diplo/intel. 11100 00000 92587 15048 01759	FSK 200/1000	(AB-RUS/MPJ)
F06	5913	16-4	1420	Sat	Russian diplo/intel. 11100 00000 92587 15048 01759	FSK 200/1000	(AB-RUS/MPJ)
F06	12167	17-4	1030	Sun	Russian diplo/intel. 11100 00000 92587 15048 01759	FSK 200/1000	(AB)
F06	9937	17-4	1040	Sun	Russian diplo/intel. 11100 00000 92587 15048 01759	FSK 200/1000	(AB)

F06	7526	17-4	1050	Sun	Russian diplo/intel. 11100 00000 92587 15048 01759	FSK 200/1000	(AB)
F06	18626	17-4	1530	Sun	Russian diplo/intel. 11166 10053 95124 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	16325	17-4	1540	Sun	Russian diplo/intel. 11166 10053 95124 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13458	17-4	1550	Sun	Russian diplo/intel. 11166 10053 95124 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9473	18-4	0400	Mon	Russian diplo/intel. 11166 70059 85426 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7556	18-4	0410	Mon	Russian diplo/intel. 11166 70059 85426 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5471	18-4	0420	Mon	Russian diplo/intel. 11166 70059 85426 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11054	18-4	0700	Mon	Russian diplo/intel. 11166 70202 21347 14076 02579	FSK 200/1000	(AB)
F06	8189	18-4	0710	Mon	Russian diplo/intel. 11166 70202 21347 14076 02579	FSK 200/1000	(AB)
F06	6952	18-4	0720	Mon	Russian diplo/intel. 11166 70202 21347 14076 02579	FSK 200/1000	(AB-RUS)
F06	10388	18-4	1200	Mon	Russian diplo/intel. 11166 70202 21347 14076 02579	FSK 200/1000	(AB-RUS)
F06	8084	18-4	1210	Mon	Russian diplo/intel. 11166 70202 21347 14076 02579	FSK 200/1000	(AB-RUS)
F06	6780	18-4	1220	Mon	Russian diplo/intel. 11166 70202 21347 14076 02579	FSK 200/1000	(AB-RUS)
F06	9455	19-4	0030	Tue	Russian diplo//intel. 11166 60070 15963 19078 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8131	19-4	0040	Tue	Russian diplo//intel. 11166 60070 15963 19078 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7445	19-4	0050	Tue	Russian diplo//intel. 11166 60070 15963 19078 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11054	19-4	0700	Tue	Russian diplo/intel. 11166 70202 96358 18077 02179 and 11166 70202 85247 18078 02059	FSK 200/1000	(AB-RUS)
F06	8189	19-4	0710	Tue	Russian diplo/intel. 11166 70202 96358 18077 02179 and 11166 70202 85247 18078 02059	FSK 200/1000	(AB-RUS)
F06	6952	19-4	0720	Tue	Russian diplo/intel. 11166 70202 96358 18077 02179 and 11166 70202 85247 18078 02059	FSK 200/1000	(AB-RUS)
F06	10388	19-4	1200	Tue	Russian diplo/intel. 11166 70202 96358 18077 02179 and 11166 70202 85247 18078 02059	FSK 200/1000	(AB)
F06	8084	19-4	1210	Tue	Russian diplo/intel. 11166 70202 96358 18077 02179 and 11166 70202 85247 18078 02059	FSK 200/1000	(AB-RUS)
F06	6780	19-4	1220	Tue	Russian diplo/intel. 11166 70202 96358 18077 02179 and 11166 70202 85247 18078 02059	FSK 200/1000	(AB-RUS)
F06	18726	19-4	1650	Tue	Russian diplo/intel. 11166 10053 15973 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16238	19-4	1700	Tue	Russian diplo/intel. 11166 10053 15973 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13378	19-4	1710	Tue	Russian diplo/intel. 11166 10053 15973 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16325	20-4	0600	Wed	Russian diplo/intel. 11166 40122 14785 20069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	14724	20-4	0610	Wed	Russian diplo/intel. 11166 40122 14785 20069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	12172	20-4	0620	Wed	Russian diplo/intel. 11166 40122 14785 20069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	11054	20-4	0700	Wed	Russian diplo/intel. 11166 70202 84593 19079 02079	FSK 200/1000	(AB-RUS)
F06	8189	20-4	0710	Wed	Russian diplo/intel. 11166 70202 84593 19079 02079	FSK 200/1000	(AB-RUS)
F06	6952	20-4	0720	Wed	Russian diplo/intel. 11166 70202 84593 19079 02079	FSK 200/1000	(AB-RUS)
F06	10388	20-4	1200	Wed	Russian diplo/intel. 11166 70202 84593 19079 02079	FSK 200/1000	(AB-POL)
F06	8084	20-4	1210	Wed	Russian diplo/intel. 11166 70202 84593 19079 02079	FSK 200/1000	(AB-POL)
F06	6780	20-4	1220	Wed	Russian diplo/intel. 11166 70202 84593 19079 02079	FSK 200/1000	(AB-POL)
F06	18048	20-4	2020	Wed	Russian diplo/intel via Havana	FSK 200/500	(DW-MD)
F06	18048	20-4	2230	Wed	Russian diplo/intel via Havana	FSK 200/500	(DW-MD)
F06	11054	21-4	0700	Thu	Russian diplo/intel. 11166 70202 31285 20080 02039 and 11166 70202 95147 20081 01579	FSK 200/1000	(AB-RUS)
F06	8189	21-4	0710	Thu	Russian diplo/intel. 11166 70202 31285 20080 02039 and 11166 70202 95147 20081 01579	FSK 200/1000	(AB-RUS)
F06	6952	21-4	0720	Thu	Russian diplo/intel. 11166 70202 31285 20080 02039 and 11166 70202 95147 20081 01579	FSK 200/1000	(AB-RUS)
F06	10388	21-4	1200	Thu	Russian diplo/intel. 11166 70202 31285 20080 02039 and 11166 70202 95147 20081 01579	FSK 200/1000	(AB-RUS)
F06	8084	21-4	1210	Thu	Russian diplo/intel. 11166 70202 31285 20080 02039 and 11166 70202 95147 20081 01579	FSK 200/1000	(AB-RUS)
F06	6780	21-4	1220	Thu	Russian diplo/intel. 11166 70202 31285 20080 02039 and 11166 70202 95147 20081 01579	FSK 200/1000	(AB-RUS)

F06	16351	21-4	1330	Thu	Russian diplo/intel. 11166 80214 24685 21075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14367	21-4	1340	Thu	Russian diplo/intel. 11166 80214 24685 21075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11483	21-4	1350	Thu	Russian diplo/intel. 11166 80214 24685 21075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11054	22-4	0700	Fri	Russian diplo/intel. 11166 70202 96321 22049 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8189	22-4	0710	Fri	Russian diplo/intel. 11166 70202 96321 22049 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6952	22-4	0720	Fri	Russian diplo/intel. 11166 70202 96321 22049 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10687	23-4	1400	Sat	Russian diplo/intel. 11100 00000 23519 22049 02139	FSK 200/1000	(AB)
F06	7992	23-4	1410	Sat	Russian diplo/intel. 11100 00000 23519 22049 02139	FSK 200/1000	(AB)
F06	5913	23-4	1420	Sat	Russian diplo/intel. 11100 00000 23519 22049 02139	FSK 200/1000	(AB-RUS)
F06	12167	24-4	1030	Sun	Russian diplo/intel. 11100 00000 23519 22049 02139	FSK 200/1000	(AB)
F06	9937	24-4	1040	Sun	Russian diplo/intel. 11100 00000 23519 22049 02139	FSK 200/1000	(AB)
F06	7526	24-4	1050	Sun	Russian diplo/intel. 11100 00000 23519 22049 02139	FSK 200/1000	(AB)
F06	18626	24-4	1530	Sun	Russian diplo/intel. 11166 10053 45612 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16325	24-4	1540	Sun	Russian diplo/intel. 11166 10053 45612 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13458	24-4	1550	Sun	Russian diplo/intel. 11166 10053 45612 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11054	25-4	0700	Mon	Russian diplo/intel. 11166 70202 95147 22082 02139	FSK 200/1000	(AB)
F06	8189	25-4	0710	Mon	Russian diplo/intel. 11166 70202 95147 22082 02139	FSK 200/1000	(AB)
F06	6952	25-4	0720	Mon	Russian diplo/intel. 11166 70202 95147 22082 02139	FSK 200/1000	(AB-RUS)
F06	10388	25-4	1200	Mon	Russian diplo/intel. 11166 70202 95147 22082 02139	FSK 200/1000	(AB-RUS)
F06	8084	25-4	1210	Mon	Russian diplo/intel. 11166 70202 95147 22082 02139	FSK 200/1000	(AB-RUS)
F06	6780	25-4	1220	Mon	Russian diplo/intel. 11166 70202 95147 22082 02139	FSK 200/1000	(AB-RUS)
F06	9455	26-4	0030	Tue	Russian diplo//intel. 11166 60070 25697 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8131	26-4	0040	Tue	Russian diplo//intel. 11166 60070 25697 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7445	26-4	0050	Tue	Russian diplo//intel. 11166 60070 25697 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11054	26-4	0700	Tue	Russian diplo/intel. 11166 70202 21359 25083 01839 and 11166 70202 45682 25084 02239	FSK 200/1000	(AB-RUS)
F06	8189	26-4	0710	Tue	Russian diplo/intel. 11166 70202 21359 25083 01839 and 11166 70202 45682 25084 02239	FSK 200/1000	(AB-RUS)
F06	6952	26-4	0720	Tue	Russian diplo/intel. 11166 70202 21359 25083 01839 and 11166 70202 45682 25084 02239	FSK 200/1000	(AB-RUS)
F06	10388	26-4	1200	Tue	Russian diplo/intel. 11166 70202 21359 25083 01839 and 11166 70202 45682 25084 02239	FSK 200/1000	(AB)
F06	8084	26-4	1210	Tue	Russian diplo/intel. 11166 70202 21359 25083 01839 and 11166 70202 45682 25084 02239	FSK 200/1000	(AB-RUS)
F06	6780	26-4	1220	Tue	Russian diplo/intel. 11166 70202 21359 25083 01839 and 11166 70202 45682 25084 02239	FSK 200/1000	(AB-RUS)
F06	18726	26-4	1650	Tue	Russian diplo/intel. 11166 10053 15963 26073 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	16238	26-4	1700	Tue	Russian diplo/intel. 11166 10053 15963 26073 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13378	26-4	1710	Tue	Russian diplo/intel. 11166 10053 15963 26073 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16325	27-4	0600	Wed	Russian diplo/intel. 11166 40122 85214 23099 03279	FSK 200/1000	(AB-RUS)
F06	14724	27-4	0610	Wed	Russian diplo/intel. 11166 40122 85214 23099 03279	FSK 200/1000	(AB-J)
F06	12172	27-4	0620	Wed	Russian diplo/intel. 11166 40122 85214 23099 03279	FSK 200/1000	(AB-J)
F06	11054	27-4	0700	Wed	Russian diplo/intel. 11166 70202 65731 26085 02459	FSK 200/1000	(AB-RUS)
F06	8189	27-4	0710	Wed	Russian diplo/intel. 11166 70202 65731 26085 02459	FSK 200/1000	(AB-RUS)
F06	6952	27-4	0720	Wed	Russian diplo/intel. 11166 70202 65731 26085 02459	FSK 200/1000	(AB-RUS)
F06	10388	27-4	1200	Wed	Russian diplo/intel. 11166 70202 65731 26085 02459	FSK 200/1000	(AB-POL)
F06	8084	27-4	1210	Wed	Russian diplo/intel. 11166 70202 65731 26085 02459	FSK 200/1000	(AB-POL)
F06	6780	27-4	1220	Wed	Russian diplo/intel. 11166 70202 65731 26085 02459	FSK 200/1000	(AB-POL)

F06	16325	28-4	0600	Thu	Russian diplo/intel. 11166 40122 85214 23099 03279	FSK 200/1000	(AB-RUS)
F06	14724	28-4	0610	Thu	Russian diplo/intel. 11166 40122 85214 23099 03279	FSK 200/1000	(AB-J)
F06	12172	28-4	0620	Thu	Russian diplo/intel. 11166 40122 85214 23099 03279	FSK 200/1000	(AB-J)
F06	11054	28-4	0700	Thu	Russian diplo/intel. 11166 70202 95137 27086 01599 and 11166 70202 14758 27087 01939	FSK 200/1000	(AB-RUS)
F06	8189	28-4	0710	Thu	Russian diplo/intel. 11166 70202 95137 27086 01599 and 11166 70202 14758 27087 01939	FSK 200/1000	(AB-RUS)
F06	6952	28-4	0720	Thu	Russian diplo/intel. 11166 70202 95137 27086 01599 and 11166 70202 14758 27087 01939	FSK 200/1000	(AB-RUS)
F06	10388	28-4	1200	Thu	Russian diplo/intel. 11166 70202 95137 27086 01599 and 11166 70202 14758 27087 01939	FSK 200/1000	(AB-RUS)
F06	8084	28-4	1210	Thu	Russian diplo/intel. 11166 70202 95137 27086 01599 and 11166 70202 14758 27087 01939	FSK 200/1000	(AB-RUS)
F06	6780	28-4	1220	Thu	Russian diplo/intel. 11166 70202 95137 27086 01599 and 11166 70202 14758 27087 01939	FSK 200/1000	(AB-RUS)
F06	16351	28-4	1330	Thu	Russian diplo/intel. 11166 80214 96358 28018 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14367	28-4	1340	Thu	Russian diplo/intel. 11166 80214 96358 28018 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11483	28-4	1350	Thu	Russian diplo/intel. 11166 80214 96358 28018 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11054	29-4	0700	Fri	Russian diplo/intel. 11166 70202 35648 28035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8189	29-4	0710	Fri	Russian diplo/intel. 11166 70202 35648 28035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6952	29-4	0720	Fri	Russian diplo/intel. 11166 70202 35648 28035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10687	30-4	1400	Sat	Russian diplo/intel. 11100 00000 78412 29050 01879	FSK 200/1000	(AB)
F06	7992	30-4	1410	Sat	Russian diplo/intel. 11100 00000 78412 29050 01879	FSK 200/1000	(AB)
F06	5913	30-4	1420	Sat	Russian diplo/intel. 11100 00000 78412 29050 01879	FSK 200/1000	(AB-RUS)
F06a	6895	1-4	0500	Fri	Russian diplo/intel. File 44421	FSK 200/1000	(AB)
F06a	5813	1-4	0515	Fri	Russian diplo/intel. File 44421	FSK 200/1000	(AB)
F06a	4799	1-4	0530	Fri	Russian diplo/intel. File 44421	FSK 200/1000	(AB)
F06a	7425	7-4	0400	Thu	Russian diplo/intel. File 44422	FSK 200/1000	(AB)
F06a	6823	7-4	0415	Thu	Russian diplo/intel. File 44422	FSK 200/1000	(AB)
F06a	5350	7-4	0430	Thu	Russian diplo/intel. File 44422	FSK 200/1000	(AB)
F06a	7425	8-4	0400	Fri	Russian diplo/intel. File 44422	FSK 200/1000	(AB)
F06a	6823	8-4	0415	Fri	Russian diplo/intel. File 44422	FSK 200/1000	(AB)
F06a	5350	8-4	0430	Fri	Russian diplo/intel. File 44422	FSK 200/1000	(AB)
F06a	7425	14-4	0400	Thu	Russian diplo/intel. File 04423	FSK 200/1000	(AB)
F06a	6823	14-4	0415	Thu	Russian diplo/intel. File 04423	FSK 200/1000	(AB)
F06a	5350	14-4	0430	Thu	Russian diplo/intel. File 04423	FSK 200/1000	(AB)
F06a	7425	15-4	0400	Fri	Russian diplo/intel. File 04423	FSK 200/1000	(AB)
F06a	6823	15-4	0415	Fri	Russian diplo/intel. File 04423	FSK 200/1000	(AB)
F06a	5350	15-4	0430	Fri	Russian diplo/intel. File 04423	FSK 200/1000	(AB)
F06a	7425	21-4	0400	Thu	Russian diplo/intel. File 44424	FSK 200/1000	(AB)
F06a	6823	21-4	0415	Thu	Russian diplo/intel. File 44424	FSK 200/1000	(AB)
F06a	5350	21-4	0430	Thu	Russian diplo/intel. File 44424	FSK 200/1000	(AB)
F06a	7425	22-4	0400	Fri	Russian diplo/intel. File 44424	FSK 200/1000	(AB)
F06a	6823	22-4	0415	Fri	Russian diplo/intel. File 44424	FSK 200/1000	(AB)
F06a	5350	22-4	0430	Fri	Russian diplo/intel. File 44424	FSK 200/1000	(AB)
F06a	13925	24-4	2115	Sun	Russian diplo/intel. File 04418	FSK 200/1000	(Pof)
F06a	11523	24-4	2130	Sun	Russian diplo/intel. File 04418	FSK 200/1000	(PY)
F06a	7425	28-4	0400	Thu	Russian diplo/intel. File 04425	FSK 200/1000	(AB)

F06a	6823	28-4	0415	Thu	Russian diplo/intel. File 04425	FSK 200/1000	(AB)
F06a	5350	28-4	0430	Thu	Russian diplo/intel. File 04425	FSK 200/1000	(AB)
F06a	7425	29-4	0400	Fri	Russian diplo/intel. File 04425	FSK 200/1000	(AB)
F06a	6823	29-4	0415	Fri	Russian diplo/intel. File 04425	FSK 200/1000	(AB)
F06a	5350	29-4	0430	Fri	Russian diplo/intel. File 04425	FSK 200/1000	(AB)
F06a	17529	30-4	2100	Sat	Russian diplo/intel. File 04419	FSK 200/1000	(PY)
F06a	13925	30-4	2115	Sat	Russian diplo/intel. File 04419	FSK 200/1000	(PY)
F06a	11523	30-4	2130	Sat	Russian diplo/intel. File 04419	FSK 200/1000	(PY)
HM01	11435	1-4	1601	Fri	1553z: Radio Habana Cuba. 04309 57701 15063 43481 24345 54481 Files 15630430.TXT 50865770.F1C 05001506.TXT 70534348.TXT 10512434.TXT 74265448.TXT	AM/WinDRM	(AB-USA)
HM01	11435	2-4	1600	Sat	57301 57702 15064 43481 24346 54482	AM/WinDRM	(RR2)
HM01	11435	2-4	1610	Sat	i.p. 57301 57702 15063 43481 24346 54482 Files 63615730.TXT 50865770.F1C 05001506.TXT 70534348.TXT 10512434.TXT 74265448.TXT	AM/WinDRM	(AB-USA)
HM01	11435	3-4	1640	Sun	i.p. 57301 57703 15065 43482 24347 54483 Files 63615730.TXT 50865770.F1C 05001506.TXT 70534348.TXT 10512434.TXT 74265448.TXT	AM/WinDRM	(AB-USA)
HM01	11530	3-4	1701	Sun	57301 57703 15065 43482 24347 54483	AM/WinDRM	(RR2)
HM01	11435	4-4	1606	Mon	i.p. 57302 57704 15066 43483 24348 54484 Files 63615730.TXT 50865770.F1C 05001506.TXT 70534348.TXT 10512434.TXT 74265448.TXT	AM/WinDRM	(AB-USA)
HM01	11530	4-4	1700	Mon	57302 57704 15066 43483 24348 54484	AM/WinDRM	(RR2)
HM01	11635	4-4	1900	Mon	04309 57701 15063 43481 24345 54481	AM/WinDRM	(RR2)
HM01	11435	5-4	1602	Tue	57303 57705 15067 43484 73751 54485 Files 63615730.TXT 50865770.F1C 05001506.TXT 70534348.TXT 50157375.F1C 74265448.TXT	AM/WinDRM	(AB-USA/RR2)
HM01	11435	6-4	1600	Wed	57304 57706 15068 43485 73751 54486 Files 63615730.TXT 50865770.F1C 05001506.TXT 70534348.TXT 50157375.F1C 74265448.TXT	AM/WinDRM	(AB-USA/RR2)
HM01	11435	7-4	1603	Thu	57305 57707 22361 43486 73752 54487 Files 63615730.TXT 50865770.F1C 00322236.TXT 70534348.TXT 50157375.F1C 74265448.TXT	AM/WinDRM	(AB-USA/RR2)
HM01	17480	7-4	2208	Thu	i.p. 57305 57707 22361 43486 73752 54487	AM/WinDRM	(RL)
HM01	11435	8-4	1601	Fri	57306 41371 22361 43487 73753 54488 Files 63615730.TXT 50164137.F1C 00322236.TXT 70534348.TXT 50157375.F1C 74265448.TXT	AM/WinDRM	(AB-USA/RR2)
HM01	11435	9-4	1602	Sat	57307 41371 22362 43488 73754 54489 Files 63615730.TXT 50164137.F1C 00322236.TXT 70534348.TXT 50157375.F1C 74265448.TXT	AM/WinDRM	(AB-USA/RR2)
HM01	11435	10-4	1632	Sun	41011 41372 22363 70321 73755 35021 Files 67374101.TXT 50164137.F1C 00322236.TXT 56477032.TXT 50157375.F1C 87083502.TXT	AM/WinDRM	(AB-USA)
HM01	11635	10-4	1830	Sun	41011 41372 22363 70321 73755 35021	AM/WinDRM	(RR2)
HM01	11435	11-4	1601	Mon	41011 41373 22364 70321 73756 35021 Files 67374101.TXT 50164137.F1C 00322236.TXT 56477032.TXT 50157375.F1C 87083502.TXT	AM/WinDRM	(AB-USA/RR2)
HM01	11435	12-4	1615	Tue	41012 41374 22365 70322 73757 35022 Files 67374101.TXT 50164137.F1C 00322236.TXT 56477032.TXT 50157375.F1C 87083502.TXT	AM/WinDRM	(AB-USA/RR2)
HM01	11435	13-4	1603	Wed	41013 41375 22366 70323 40821 35023 Files 67374101.TXT 50164137.F1C 00322236.TXT 56477032.TXT 85634082.TXT 87083502.TXT	AM/WinDRM	(AB-USA/RR2)
HM01	11435	14-4	1601	Thu	41014 41376 22367 70324 40821 35024 Files 67374101.TXT 50164137.F1C 00322236.TXT 56477032.TXT 85634082.TXT 87083502.TXT	AM/WinDRM	(AB-USA/RR2)

HM01	11530	14-4	1701	Thu	41014 41376 22367 70324 40821 35024	AM/WinDRM	(AB-USA)
HM01	11435	15-4	1601	Fri	41015 41377 22368 70325 40822 35025 Files 67374101.TXT 50164137.F1C 00322236.TXT 56477032.TXT 85634082.TXT 87083502.TXT	AM/WinDRM	(AB-USA/RR2)
HM01	11435	16-4	1607	Sat	41016 41378 55741 70326 40823 35026 Files 67374101.TXT 50164137.F1C 54845574.TXT 56477032.TXT 56477032.TXT 87083502.TXT	AM/WinDRM	(AB-USA/RR2)
HM01	11435	17-4	1600	Sun	41017 41379 55741 70327 40824 35027	AM/WinDRM	(RR2)
HM01	11435	17-4	1640	Sun	41017 41379 55741 70327 40824 35027 Files 67374101.TXT 50164137.F1C 54845574.TXT 56477032.TXT 85634082.TXT 87083502.TXT	AM/WinDRM	(AB-USA)
HM01	11435	18-4	1600	Mon	04021 52661 55742 70328 40825 86531 Files 81070402.TXT 38525266.TXT 54845574.TXT 56477032.TXT 85634082.TXT 66118653.TXT	AM/WinDRM	(AB-USA/RR2)
HM01	11435	19-4	1604	Tue	04021 52661 55743 84631 40826 86531 Files 81070402.TXT 38525266.TXT 54845574.TXT 36628463.F1G 85634082.TXT 66118653.TXT	AM/WinDRM	(AB-USA)
HM01	11635	19-4	1801	Tue	04021 52661 55743 84631 40826 86531	AM/WinDRM	(RR2)
HM01	11435	20-4	1602	Wed	04022 52662 55744 84631 40827 86532 Files 81070402.TXT 38525266.TXT 54845574.TXT 36628463.F1G 85634082.TXT 66118653.TXT	AM/WinDRM	(AB-USA/RR2)
HM01	11435	21-4	1608	Thu	04023 52663 55745 84632 31861 86533 Files 81070402.TXT 38525266.TXT 54845574.TXT 36628463.F1G 74723186.TXT 66118653.TXT	AM/WinDRM	(AB-USA/RR2)
HM01	11435	22-4	1601	Fri	04024 52664 55746 84633 31861 86534 Files 81070402.TXT 38525266.TXT 54845574.TXT 36628463.F1G 74723186.TXT 66118653.TXT	AM/WinDRM	(AB-USA/RR2)
HM01	11435	23-4	1604	Sat	04025 52665 55747 84634 31862 86535 Files 81070402.TXT 38525266.TXT 54845574.TXT 36628463.F1G 74723186.TXT 66118653.TXT	AM/WinDRM	(AB-USA/RR2)
HM01	11435	24-4	1601	Sun	04026 52666 16881 84635 31863 86536	AM/WinDRM	(RR2)
HM01	11635	24-4	2101	Sun	04026 52666 16881 84635 31863 86536 Files 81070402.TXT 38525266.TXT 00771688.TXT 36628463.F1G 74723186.TXT 66118653.TXT	AM/WinDRM	(AB-USA)
HM01	11435	25-4	1603	Mon	04026 52666 16881 84635 31863 86536 (repeat of 24 April)	AM/WinDRM	(AB-USA/RR2)
HM01	11435	26-4	1601	Tue	04026 52666 16881 84635 31863 86536 (repeat of 24 April)	AM/WinDRM	(RR2)
HM01	11435	27-4	1603	Wed	04026 52666 16881 84635 31863 86536 (repeat of 24 April)	AM/WinDRM	(RR2)
HM01	11435	28-4	1601	Thu	04026 52666 16881 84635 31863 86536 (repeat of 24 April)	AM/WinDRM	(AB-USA)
HM01	11530	28-4	1722	Thu	04026 52666 16881 84635 31863 86536 (repeat of 24 April)	AM/WinDRM	(RR2)
HM01	11435	29-4	1603	Fri	04026 52666 16881 84635 31863 86536 (repeat of 24 April)	AM/WinDRM	(AB-USA/RR2)
HM01	11435	30-4	1600	Sat	04026 52666 16881 84635 31863 86536 (repeat of 24 April)	AM/WinDRM	(RR2)
HM01	11530	30-4	1714	Sat	04026 52666 16881 84635 31863 86536 (repeat of 24 April)	AM/WinDRM	(AB-USA)
M01	6260	2-4	1500	Sat	Repeat errors 463 125 125 30 30 = = 16167 89890 23567 ... 46372 17176 28287 = = 125 125 30 30 000	CW	(AB-FIN/MPJ-HNG)
M01	6510	3-4	0700	Sun	463 367 367 30 30 = = 16789 23235 56784 ...	CW	(AB-FIN)
M01	5475	5-4	1800	Tue	463 147 147 30 30 = = 87634 56732 23874 78234 ... 74633 63453 34786 = = 147 147 30 30 000	CW	(AB/MPJ)
M01	6260	9-4	1500	Sat	463 418 418 30 30 = = 49044 99236 84647 ... 05325 39115 62080 = = 418 418 30 30 000	CW	(AB-FIN/MPJ-POL)
M01	6510	10-4	0700	Sun	463 153 153 30 30 = = 05454 83421 07886 ... 03214 82162 83014 153 153 30 30 = = 000	CW	(AB)
M01	5475	12-4	1800	Tue	463 632 632 30 30 = = 87634 74653 78346 ... 76543 65342 98475 632 632 = = 30 30 000	CW	(AB/MPJ)
M01	5475	14-4	1800	Thu	463 615 615 30 30 = = 65412 32856 35623 ... 63478 34873 37642 = = 615 615 30 30 000	CW	(AB)
M01	5020	14-4	2000	Thu	463 774 774 30 30 = = 65432 65342 36874 ... 76435 36745 64785 = = 774 774 30 30 000	CW	(AB)
M01	6260	16-4	1500	Sat	463 835 835 30 30 = = 29187 64514 84515 ... 10561 10204 09471 = = 835 805 30 30 00000 (5 zeros in- stead of 3)	CW	(AB-FIN)

M01	6510	17-4	0700	Sun	463 491 491 30 30 = = 27190 20918 28451 ... 09834 65471 54310 92876 = = 491 491 30 30 0 0 0 0 (sent only 29 groups)	CW	(AB/F5JBR)
M01	5475	19-4	1800	Tue	463 158 158 30 30 = = 36872 53674 36742 ... 54673 85673 57684 = = 158 158 30 30 000	CW	(AB)
M01	5475	21-4	1800	Thu	463 for less than a minute, then off	CW	(MPJ-AUT)
M01	5020	21-4	2000	Thu	463 446 446 30 30 = = 44665 78900 00987 ... 67890 09876 66557 = = 446 446 30 30 000	CW	(AB)
M01	6260	23-4	1500	Sat	463 697 697 30 30 = = 84753 48365 43322 ... 83274 34869 73462 = = 697 697 30 30 000	CW	(AB-FIN/HFD-POL)
M01	6510	24-4	0706	Sun	463 936 936 30 30 = = 73456 74563 47652 ... 36475 36748 64753 = = 936 936 30 30 000 Late start	CW	(AB-POL)
M01	5475	28-4	1800	Thu	463 835 835 30 30 = = 48172 29851 74514 20954 ...	CW	(AB/MPJ)
M01	6260	30-4	1500	Sat	463 341 341 30 30 = = 92584 56476 75134 ... 10945 20956 20956 31 341 30 30 = = 000	CW	(AB-POL/MPJ-AUT)
M01a	5410	11-4	1453	Mon	111 111 111 111	CW	(F5JBR)
M01a	5510	11-4	1453	Mon	111 111 111 111	CW	(F5JBR)
M01a	5510	11-4	1458	Mon	111 111	CW	(F5JBR)
M01a	4321	13-4	0708	Wed	333 39752 333 39593 333 1417 18 111 999 821 07 = 31128 66853 ... 32633 19899 = 821 07 111 821 07 = 31128 66853 ... 32633 19899 = 821 07 111 000	CW	(F5JBR)
M01a	9214	13-4	0708	Wed	641 641 641 65986 65986 641 641 641 65900 65900	CW	(F5JBR)
M01a	4641	13-4	0745	Wed	187187 187 16725 16725 111 33300 333 333 16355 16355 333 16355	CW	(F5JBR)
M01a	10559	13-4	0906	Wed	i.p. 564 564 564 88943 88943 88943 564 564 564	CW	(JPL-RUS)
M01a	4471	13-4	1249	Wed	417 142 10 = = 85631 47592 68514 75423 45957 24851 14230 24654 12345 75361 = = 142 142 10 10 000	CW	(F5JBR)
M01a	4471	13-4	1259	Wed	111 333 19 333 999 716 10 = 24851 14230 14250 75423 45957 24851 71248 29351 54205 78654 = 716 10 111 000	CW	(F5JBR)
M01a	7406	13-4	1340	Wed	111 111 333 333 66 111 000	CW	(F5JBR)
M01a	5391	13-4	1504	Wed	333 09 333 10 333 22 333 23 333 24 333 24 333 25 333 32 175 12 = 47575 67858 98096 ... 94662 111 000	CW	(F5JBR)
M01a	6882	20-4	1205	Wed	322 322 322 80329 80329	CW	(F5JBR)
M01a	5761	21-4	1124	Thu	470 470 470 83006 83006 111 000 111 000	CW	(F5JBR)
M01a	5311	21-4	1143	Thu	911 911 911 61825 61825 111 000	CW	(F5JBR)
M01a	7998	26-4	1335	Tue	263 263 263 76378 76378 263 263 263 77661 77661 111 000 263 263 263 111 000	CW	(F5JBR)
M01a	5447	27-4	1412	Wed	948 948 948 04478 04478 333 00 111 999 999 148 05 / 45677 34464 78994 45677 34464 / 148 05 000 111 333 01 45677 000 000	CW	(F5JBR)
M12	6854	1-4	0030	Fri	813 813 813 000	CW	(AB-POL/HFD)
M12	8154	1-4	0050	Fri	813 813 813 000	CW	(AB-POL/HFD)
M12	13391	1-4	0800	Fri	387 387 387 1 8245 69 8245 69 56681 71612 02271 ... 29855 07453 08396 000 000	CW	(PY)
M12	13891	1-4	0820	Fri	387 387 387 1 8245 69 8245 69 56681 71612 02271 ... 29855 07453 08396 000 000	CW	(PY)
M12	14791	1-4	0840	Fri	387 387 387 1 8245 69 8245 69 56681 71612 02271 ... 29855 07453 08396 000 000	CW	(PY)
M12	13564	1-4	1900	Fri	511 511 511 000	CW	(HFD)
M12	12164	1-4	1920	Fri	511 511 511 000	CW	(HFD)
M12	7575	1-4	2100	Fri	511 511 511 1 7946 106 7946 106 09171 24274 35719 ... 69065 93933 96753 000 000	CW	(AB/HFD)
M12	8175	1-4	2120	Fri	511 511 511 1 7946 106 7946 106 09171 24274 35719 ... 69065 93933 96753 000 000	CW	(AB/HFD)
M12	9175	1-4	2140	Fri	511 511 511 1 7946 106 7946 106 09171 24274 35719 ... 69065 93933 96753 000 000	CW	(AB/HFD)
M12	11435	2-4	1800	Sat	938 938 938 1 1061 76 1061 76 65839 55320 50535 ... 58507 47180 86552 000 000	CW	(AB)

M12	10598	2-4	1820	Sat	938 938 938 1 1061 76 1061 76 65839 55320 50535 ... 58507 47180 86552 000 000	CW	(AB)
M12	9327	2-4	1840	Sat	938 938 938 1 1061 76 1061 76 65839 55320 50535 ... 58507 47180 86552 000 000	CW	(AB)
M12	7575	2-4	2100	Sat	511 511 511 1 7946 106 7946 106 09171 24274 35719 ... 69065 93933 96753 000 000	CW	(AB/HFD)
M12	8175	2-4	2120	Sat	511 511 511 1 7946 106 7946 106 09171 24274 35719 ... 69065 93933 96753 000 000	CW	(AB/HFD)
M12	9175	2-4	2140	Sat	511 511 511 1 7946 106 7946 106 09171 24274 35719 ... 69065 93933 96753 000 000	CW	(AB/HFD)
M12	16321	3-4	1600	Sun	387 387 387 1 8925 98 8925 98 89031 47334 31843 ... 03516 15551 48962 000 000	CW	(AB/MPJ/HFD)
M12	15821	3-4	1620	Sun	387 387 387 1 8925 98 8925 98 89031 47334 31843 ... 03516 15551 48962 000 000	CW	(AB/MPJ/HFD)
M12	14721	3-4	1640	Sun	387 387 387 1 8925 98 8925 98 89031 47334 31843 ... 03516 15551 48962 000 000	CW	(AB/MPJ/HFD)
M12	14377	4-4	1130	Mon	317 317 317 1 6752 90 6752 90 22473 30119 15951 ... 50690 21321 62569 000 000	CW	(AB)
M12	13461	4-4	1150	Mon	317 317 317 1 6752 90 6752 90 22473 30119 15951 ... 50690 21321 62569 000 000	CW	(AB)
M12	12114	4-4	1210	Mon	317 317 317 1 6752 90 6752 90 22473 30119 15951 ... 50690 21321 62569 000 000	CW	(AB)
M12	12139	4-4	2000	Mon	234 234 234 1 938 84 938 84 41217 12652 09198 ... 83931 54321 50279 000 000	CW	(AB)
M12	11139	4-4	2020	Mon	234 234 234 1 938 84 938 84 41217 12652 09198 ... 83931 54321 50279 000 000	CW	(AB)
M12	10239	4-4	2040	Mon	234 234 234 1 938 84 938 84 41217 12652 09198 ... 83931 54321 50279 000 000	CW	(AB)
M12	6854	5-4	0030	Tue	813 813 813 1 7044 79 7044 79 34424 36199 45088 ... 10277 56200 32228 000 000	CW	(AB)
M12	8154	5-4	0050	Tue	813 813 813 1 7044 79 7044 79 34424 36199 45088 ... 10277 56200 32228 000 000	CW	(AB)
M12	9354	5-4	0110	Tue	813 813 813 1 7044 79 7044 79 34424 36199 45088 ... 10277 56200 32228 000 000	CW	(AB)
M12	10904	5-4	0700	Tue	923 923 923 1 6616 40 6616 40 35906 78142 23892 ... 16392 02525 62975 000 000	CW	(AB-RUS/HFD-J)
M12	10204	5-4	0720	Tue	923 923 923 1 6616 40 6616 40 35906 78142 23892 ... 16392 02525 62975 000 000	CW	(AB-RUS/HFD-J)
M12	9304	5-4	0740	Tue	923 923 923 1 6616 40 6616 40 35906 78142 23892 ... 16392 02525 62975 000 000	CW	(AB-RUS/HFD-J)
M12	16321	6-4	1600	Wed	387 387 387 1 8925 98 8925 98 89031 47334 31843 ... 03516 15551 48962 000 000	CW	(AB)
M12	15821	6-4	1620	Wed	387 387 387 1 8925 98 8925 98 89031 47334 31843 ... 03516 15551 48962 000 000	CW	(AB)
M12	14721	6-4	1640	Wed	387 387 387 1 8925 98 8925 98 89031 47334 31843 ... 03516 15551 48962 000 000	CW	(AB)
M12	13564	6-4	1900	Wed	511 511 511 1 789 68 789 68 72734 95320 76072 ... 62461 80877 83400 000 000	CW	(AB/HFD)
M12	12164	6-4	1920	Wed	511 511 511 1 789 68 789 68 72734 95320 76072 ... 62461 80877 83400 000 000	CW	(AB/HFD)
M12	11164	6-4	1940	Wed	511 511 511 1 789 68 789 68 72734 95320 76072 ... 62461 80877 83400 000 000	CW	(AB/HFD)
M12	11012	6-4	2210	Wed	923 923 923 1 485 114 485 114 16909 31567 12214 ... 15886 25467 33120 000 000	CW	(AB/HFD)
M12	10212	6-4	2230	Wed	923 923 923 1 485 114 485 114 16909 31567 12214 ... 15886 25467 33120 000 000	CW	(AB/HFD)
M12	9312	6-4	2250	Wed	923 923 923 1 485 114 485 114 16909 31567 12214 ... 15886 25467 33120 000 000	CW	(AB/HFD)
M12	10904	7-4	0700	Thu	923 923 923 1 6616 40 6616 40 35906 78142 23892 ... 16392 02525 62975 000 000	CW	(AB-RUS)
M12	10204	7-4	0720	Thu	923 923 923 1 6616 40 6616 40 35906 78142 23892 ... 16392 02525 62975 000 000	CW	(AB-RUS)
M12	9304	7-4	0740	Thu	923 923 923 1 6616 40 6616 40 35906 78142 23892 ... 16392 02525 62975 000 000	CW	(AB-RUS)
M12	13386	7-4	1110	Thu	725 725 725 1 9866 98 9866 98 55852 02458 11145 ... 27850 50281 25123 000 000	CW	(AB)
M12	12189	7-4	1130	Thu	725 725 725 1 9866 98 9866 98 55852 02458 11145 ... 27850 50281 25123 000 000	CW	(AB)
M12	11491	7-4	1150	Thu	725 725 725 1 9866 98 9866 98 55852 02458 11145 ... 27850 50281 25123 000 000	CW	(AB)
M12	20971	7-4	1400	Thu	932 932 932 1 404 77 404 77 26959 59950 45282 ... 10331 67988 58961 000 000	CW	(AB)
M12	20371	7-4	1420	Thu	932 932 932 1 404 77 404 77 26959 59950 45282 ... 10331 67988 58961 000 000	CW	(AB)
M12	19271	7-4	1440	Thu	932 932 932 1 404 77 404 77 26959 59950 45282 ... 10331 67988 58961 000 000	CW	(AB)
M12	12139	7-4	2000	Thu	234 234 234 1 938 84 938 84 41217 12652 09198 ... 83931 54321 50279 000 000	CW	(AB/RL/HFD)
M12	11139	7-4	2020	Thu	234 234 234 1 938 84 938 84 41217 12652 09198 ... 83931 54321 50279 000 000	CW	(AB/RL/HFD)
M12	10239	7-4	2040	Thu	234 234 234 1 938 84 938 84 41217 12652 09198 ... 83931 54321 50279 000 000	CW	(AB/RL/HFD)
M12	10572	7-4	2110	Thu	531 531 531 1 581 49 581 49 44662 63943 63463 ... 31469 90150 49880 000 000	CW	(AB/RL)

M12	9372	7-4	2130	Thu	531 531 531 1 581 49 581 49 44662 63943 63463 ... 31469 90150 49880 000 000	CW	(AB/RL)
M12	8172	7-4	2150	Thu	531 531 531 1 581 49 581 49 44662 63943 63463 ... 31469 90150 49880 000 000	CW	(AB/RL)
M12	6854	8-4	0030	Fri	813 813 813 1 7044 79 7044 79 34424 36199 45088 ... 10277 56200 32228 000 000	CW	(AB)
M12	8154	8-4	0050	Fri	813 813 813 1 7044 79 7044 79 34424 36199 45088 ... 10277 56200 32228 000 000	CW	(AB)
M12	9354	8-4	0110	Fri	813 813 813 1 7044 79 7044 79 34424 36199 45088 ... 10277 56200 32228 000 000	CW	(AB)
M12	13391	8-4	0800	Fri	387 387 387 000	CW	(PY)
M12	13891	8-4	0820	Fri	387 387 387 000	CW	(PY)
M12	13564	8-4	1900	Fri	511 511 511 1 789 68 789 68 72734 95320 76072 ... 62461 80877 83400 000 000	CW	(AB)
M12	12164	8-4	1920	Fri	511 511 511 1 789 68 789 68 72734 95320 76072 ... 62461 80877 83400 000 000	CW	(AB)
M12	11164	8-4	1940	Fri	511 511 511 1 789 68 789 68 72734 95320 76072 ... 62461 80877 83400 000 000	CW	(AB)
M12	7575	8-4	2100	Fri	511 511 511 1 7946 106 7946 106 09171 24274 35719 ... 69065 93933 96753 000 000	CW	(AB)
M12	8175	8-4	2120	Fri	511 511 511 1 7946 106 7946 106 09171 24274 35719 ... 69065 93933 96753 000 000	CW	(AB)
M12	9175	8-4	2140	Fri	511 511 511 1 7946 106 7946 106 09171 24274 35719 ... 69065 93933 96753 000 000	CW	(AB)
M12	11435	9-4	1800	Sat	938 938 938 1 6115 73 6115 73 21846 80379 59114 ... 97100 77274 63354 000 000	CW	(AB/HFD)
M12	10598	9-4	1820	Sat	938 938 938 1 6115 73 6115 73 21846 80379 59114 ... 97100 77274 63354 000 000	CW	(AB/HFD)
M12	9327	9-4	1840	Sat	938 938 938 1 6115 73 6115 73 21846 80379 59114 ... 97100 77274 63354 000 000	CW	(AB/HFD)
M12	7575	9-4	2100	Sat	511 511 511 1 7946 106 7946 106 09171 24274 35719 ... 69065 93933 96753 000 000	CW	(AB)
M12	8175	9-4	2120	Sat	511 511 511 1 7946 106 7946 106 09171 24274 35719 ... 69065 93933 96753 000 000	CW	(AB)
M12	9175	9-4	2140	Sat	511 511 511 1 7946 106 7946 106 09171 24274 35719 ... 69065 93933 96753 000 000	CW	(AB/RL)
M12	11012	9-4	2210	Sat	923 923 923 1 485 114 485 114 16909 31567 12214 ... 15886 25467 33120 000 000	CW	(RL)
M12	10212	9-4	2230	Sat	923 923 923 1 485 114 485 114 16909 31567 12214 ... 15886 25467 33120 000 000	CW	(RL)
M12	9312	9-4	2250	Sat	923 923 923 1 485 114 485 114 16909 31567 12214 ... 15886 25467 33120 000 000	CW	(RL)
M12	16321	10-4	1600	Sun	387 387 387 000	CW	(AB/MPJ)
M12	15821	10-4	1620	Sun	387 387 387 000	CW	(AB/MPJ)
M12	14837	11-4	0010	Mon	891 891 891 1 ...	CW	(HFD-J)
M12	13937	11-4	0030	Mon	891 891 891 1 ...	CW	(HFD-J)
M12	12137	11-4	0050	Mon	891 891 891 1 ...	CW	(HFD)
M12	14377	11-4	1130	Mon	317 317 317 1 2480 96 2480 96 01735 77470 89842 ... 43368 80609 72394 000 000	CW	(AB/MPJ)
M12	13461	11-4	1150	Mon	317 317 317 1 2480 96 2480 96 01735 77470 89842 ... 43368 80609 72394 000 000	CW	(AB/MPJ)
M12	14377	11-4	1200	Mon	317 317 317 1 4595 55 4595 55 77874 64273 72372 ... 79400 79760 63055 000 000	CW	(AB)
M12	12114	11-4	1210	Mon	317 317 317 1 2480 96 2480 96 01735 77470 89842 ... 43368 80609 72394 000 000	CW	(AB/MPJ)
M12	13461	11-4	1220	Mon	317 317 317 1 4595 55 4595 55 77874 64273 72372 ... 79400 79760 63055 000 000	CW	(AB)
M12	12114	11-4	1240	Mon	317 317 317 1 4595 55 4595 55 77874 64273 72372 ... 79400 79760 63055 000 000	CW	(AB)
M12	20971	11-4	1400	Mon	932 932 932 000	CW	(AB/MPJ/HFD)
M12	20371	11-4	1420	Mon	932 932 932 000	CW	(AB/MPJ/HFD)
M12	12139	11-4	2000	Mon	234 234 234 000	CW	(AB)
M12	11139	11-4	2020	Mon	234 234 234 000	CW	(AB)
M12	10572	11-4	2110	Mon	531 531 531 000	CW	(AB/HFD)
M12	9372	11-4	2130	Mon	531 531 531 000	CW	(AB/HFD)
M12	6854	12-4	0030	Tue	813 813 813 000	CW	(AB)
M12	8154	12-4	0050	Tue	813 813 813 000	CW	(AB)
M12	10904	12-4	0700	Tue	923 923 923 1 8054 46 8054 46 92417 17066 79603 ... 40515 74006 69314 000 000	CW	(AB-J)

M12	10204	12-4	0720	Tue	923 923 923 1 8054 46 8054 46 92417 17066 79603 ... 40515 74006 69314 000 000	CW	(AB-J)
M12	9304	12-4	0740	Tue	923 923 923 1 8054 46 8054 46 92417 17066 79603 ... 40515 74006 69314 000 000	CW	(AB-J)
M12	13391	12-4	0800	Tue	387 387 387 000	CW	(PY)
M12	13891	12-4	0820	Tue	387 387 387 000	CW	(PY)
M12	16321	13-4	1600	Wed	387 387 387 000	CW	(AB/MPJ)
M12	15821	13-4	1620	Wed	387 387 387 000	CW	(AB/MPJ)
M12	13564	13-4	1900	Wed	511 511 511 000	CW	(AB)
M12	12164	13-4	1920	Wed	511 511 511 000	CW	(AB)
M12	10904	14-4	0700	Thu	923 923 923 1 8054 46 8054 46 92417 17066 79603 ... 40515 74006 69314 000 000	CW	(AB-J)
M12	10204	14-4	0720	Thu	923 923 923 1 8054 46 8054 46 92417 17066 79603 ... 40515 74006 69314 000 000	CW	(AB-J)
M12	9304	14-4	0740	Thu	923 923 923 1 8054 46 8054 46 92417 17066 79603 ... 40515 74006 69314 000 000	CW	(AB-J)
M12	13386	14-4	1110	Thu	725 725 725 1 7848 95 7848 95 26815 25562 39171 ... 23408 96474 42883 000 000	CW	(AB)
M12	12189	14-4	1130	Thu	725 725 725 1 7848 95 7848 95 26815 25562 39171 ... 23408 96474 42883 000 000	CW	(AB)
M12	11491	14-4	1150	Thu	725 725 725 1 7848 95 7848 95 26815 25562 39171 ... 23408 96474 42883 000 000	CW	(AB)
M12	20971	14-4	1400	Thu	932 932 932 000	CW	(AB)
M12	20371	14-4	1420	Thu	932 932 932 000	CW	(AB)
M12	12139	14-4	2000	Thu	234 234 234 000	CW	(AB)
M12	11139	14-4	2020	Thu	234 234 234 000	CW	(AB)
M12	13391	15-4	0800	Fri	387 387 387 000	CW	(AB)
M12	13891	15-4	0820	Fri	387 387 387 000	CW	(AB)
M12	13564	15-4	1900	Fri	511 511 511 000	CW	(AB)
M12	12164	15-4	1920	Fri	511 511 511 000	CW	(AB)
M12	12139	15-4	2000	Fri	234 234 234 000	CW	(AB/RL)
M12	11139	15-4	2020	Fri	234 234 234 000	CW	(AB/RL)
M12	7575	15-4	2100	Fri	511 511 511 1 426 136 426 136 85761 39827 84954 ... 70802 67278 26226 000 000	CW	(AB/RL)
M12	8175	15-4	2120	Fri	511 511 511 1 426 136 426 136 85761 39827 84954 ... 70802 67278 26226 000 000	CW	(AB/RL)
M12	9175	15-4	2140	Fri	511 511 511 1 426 136 426 136 85761 39827 84954 ... 70802 67278 26226 000 000	CW	(AB/RL)
M12	11435	16-4	1800	Sat	938 938 938 1 9968 78 9968 78 94423 07672 38470 ... 85748 39785 07663 000 000	CW	(AB)
M12	10598	16-4	1820	Sat	938 938 938 1 9968 78 9968 78 94423 07672 38470 ... 85748 39785 07663 000 000	CW	(AB)
M12	9327	16-4	1840	Sat	938 938 938 1 9968 78 9968 78 94423 07672 38470 ... 85748 39785 07663 000 000	CW	(AB)
M12	7575	16-4	2100	Sat	511 511 511 1 426 136 426 136 85761 39827 84954 ... 70802 67278 26226 000 000	CW	(AB)
M12	8175	16-4	2120	Sat	511 511 511 1 426 136 426 136 85761 39827 84954 ... 70802 67278 26226 000 000	CW	(AB)
M12	9175	16-4	2140	Sat	511 511 511 1 426 136 426 136 85761 39827 84954 ... 70802 67278 26226 000 000	CW	(AB)
M12	16321	17-4	1600	Sun	387 387 387 000	CW	(AB)
M12	15821	17-4	1620	Sun	387 387 387 000	CW	(AB)
M12	14377	18-4	1130	Mon	317 317 317 1 7840 59 7840 59 11376 83655 99011 ... 08364 87712 93240 000 000	CW	(AB/MPJ/F5JBR)
M12	13461	18-4	1150	Mon	317 317 317 1 7840 59 7840 59 11376 83655 99011 ... 08364 87712 93240 000 000	CW	(AB/MPJ)
M12	12114	18-4	1210	Mon	317 317 317 1 7840 59 7840 59 11376 83655 99011 ... 08364 87712 93240 000 000	CW	(AB/MPJ)
M12	20971	18-4	1400	Mon	932 932 932 1 5279 53 5279 53 75661 16610 93944 ... 78648 32043 61424 000 000	CW	(AB)
M12	20371	18-4	1420	Mon	932 932 932 1 5279 53 5279 53 75661 16610 93944 ... 78648 32043 61424 000 000	CW	(AB/MPJ)
M12	19271	18-4	1440	Mon	932 932 932 1 5279 53 5279 53 75661 16610 93944 ... 78648 32043 61424 000 000	CW	(AB/MPJ)
M12	12139	18-4	2000	Mon	234 234 234 1 3908 69 3908 69 93925 05676 41360 ... 26694 99938 85917 000 000	CW	(AB/RL)

M12	11139	18-4	2020	Mon	234 234 234 1 3908 69 3908 69 93925 05676 41360 ... 26694 99938 85917 000 000	CW	(AB/RL)
M12	10239	18-4	2040	Mon	234 234 234 1 3908 69 3908 69 93925 05676 41360 ... 26694 99938 85917 000 000	CW	(AB/RL)
M12	10572	18-4	2110	Mon	531 531 531 1 362 64 362 64 68279 59804 98925 ... 51473 76019 03615 000 000	CW	(AB)
M12	9372	18-4	2130	Mon	531 531 531 1 362 64 362 64 68279 59804 98925 ... 51473 76019 03615 000 000	CW	(AB)
M12	8172	18-4	2150	Mon	531 531 531 1 362 64 362 64 68279 59804 98925 ... 51473 76019 03615 000 000	CW	(AB)
M12	6854	19-4	0030	Tue	813 813 813 1 9241 81 9241 81 46875 18762 92090 ... 03451 95244 00793 000 000 weak, partly unread- ble	CW	(AB)
M12	8154	19-4	0050	Tue	813 813 813 1 9241 81 9241 81 46875 18762 92090 ... 03451 95244 00793 000 000 weak, partly unread- ble	CW	(AB)
M12	10904	19-4	0700	Tue	923 923 923 1 361 126 361 126 01187 99530 55344 ... 09802 72954 16457 000 000	CW	(AB-J)
M12	10204	19-4	0720	Tue	923 923 923 1 361 126 361 126 01187 99530 55344 ... 09802 72954 16457 000 000	CW	(AB-J)
M12	9304	19-4	0740	Tue	923 923 923 1 361 126 361 126 01187 99530 55344 ... 09802 72954 16457 000 000	CW	(AB-J)
M12	13391	19-4	0800	Tue	387 387 387 000	CW	(AB)
M12	13891	19-4	0820	Tue	387 387 387 000	CW	(AB/F5JBR)
M12	16321	20-4	1600	Wed	387 387 387 1 3726 72 3726 72 58985 65301 85989 ... 00884 78284 56503 000 000	CW	(AB/MPJ)
M12	15821	20-4	1620	Wed	387 387 387 1 3726 72 3726 72 58985 65301 85989 ... 00884 78284 56503 000 000	CW	(AB/MPJ)
M12	14721	20-4	1640	Wed	387 387 387 1 3726 72 3726 72 58985 65301 85989 ... 00884 78284 56503 000 000	CW	(AB/MPJ)
M12	13564	20-4	1900	Wed	511 511 511 1 150 88 150 88 34209 40883 53795 ... 66453 56897 84204 000 000	CW	(AB)
M12	12164	20-4	1920	Wed	511 511 511 1 150 88 150 88 34209 40883 53795 ... 66453 56897 84204 000 000	CW	(AB)
M12	11164	20-4	1940	Wed	511 511 511 1 150 88 150 88 34209 40883 53795 ... 66453 56897 84204 000 000	CW	(AB)
M12	11012	20-4	2210	Wed	923 923 923 1 4641 68 4641 68 06759 89592 17734 ... 95206 82460 18651 000 000	CW	(RL)
M12	10212	20-4	2230	Wed	923 923 923 1 4641 68 4641 68 06759 89592 17734 ... 95206 82460 18651 000 000	CW	(RL)
M12	9312	20-4	2250	Wed	923 923 923 1 4641 68 4641 68 06759 89592 17734 ... 95206 82460 18651 000 000	CW	(RL)
M12	10904	21-4	0700	Thu	923 923 923 1 361 126 361 126 01187 99530 55344 ... 09802 72954 16457 000 000	CW	(AB-J)
M12	10204	21-4	0720	Thu	923 923 923 1 361 126 361 126 01187 99530 55344 ... 09802 72954 16457 000 000	CW	(AB-J)
M12	9304	21-4	0740	Thu	923 923 923 1 361 126 361 126 01187 99530 55344 ... 09802 72954 16457 000 000	CW	(AB-J)
M12	13386	21-4	1110	Thu	725 725 725 1 9517 95 9517 95 31133 51117 80707 ... 42951 17450 12918 000 000	CW	(AB/MPJ)
M12	12189	21-4	1130	Thu	725 725 725 1 9517 95 9517 95 31133 51117 80707 ... 42951 17450 12918 000 000	CW	(AB/MPJ)
M12	11491	21-4	1150	Thu	725 725 725 1 9517 95 9517 95 31133 51117 80707 ... 42951 17450 12918 000 000	CW	(AB/MPJ)
M12	20971	21-4	1400	Thu	932 932 932 1 5279 53 5279 53 75661 16610 93944 ... 78648 32043 61424 000 000	CW	(AB)
M12	20371	21-4	1420	Thu	932 932 932 1 5279 53 5279 53 75661 16610 93944 ... 78648 32043 61424 000 000	CW	(AB)
M12	19271	21-4	1440	Thu	932 932 932 1 5279 53 5279 53 75661 16610 93944 ... 78648 32043 61424 000 000	CW	(AB)
M12	12139	21-4	2000	Thu	234 234 234 1 3908 69 3908 69 93925 05676 41360 ... 26694 99938 85917 000 000	CW	(AB/RL)
M12	11139	21-4	2020	Thu	234 234 234 1 3908 69 3908 69 93925 05676 41360 ... 26694 99938 85917 000 000	CW	(AB/RL)
M12	10239	21-4	2040	Thu	234 234 234 1 3908 69 3908 69 93925 05676 41360 ... 26694 99938 85917 000 000	CW	(AB/RL)
M12	10572	21-4	2110	Thu	531 531 531 1 362 64 362 64 68279 59804 98925 ... 51473 76019 03615 000 000	CW	(AB)
M12	9372	21-4	2130	Thu	531 531 531 1 362 64 362 64 68279 59804 98925 ... 51473 76019 03615 000 000	CW	(AB)
M12	8172	21-4	2150	Thu	531 531 531 1 362 64 362 64 68279 59804 98925 ... 51473 76019 03615 000 000	CW	(AB)
M12	6854	22-4	0030	Fri	813 813 813 1 9241 81 9241 81 46875 18762 92090 ... 03451 95244 00793 000 000	CW	(AB)
M12	8154	22-4	0050	Fri	813 813 813 1 9241 81 9241 81 46875 18762 92090 ... 03451 95244 00793 000 000	CW	(AB)
M12	9354	22-4	0110	Fri	813 813 813 1 9241 81 9241 81 46875 18762 92090 ... 03451 95244 00793 000 000	CW	(AB)
M12	13391	22-4	0800	Fri	387 387 387 000	CW	(AB)

M12	13891	22-4	0820	Fri	387 387 387 000	CW	(AB/F5JBR)
M12	13564	22-4	1900	Fri	511 511 511 1 105 88 150 88 34209 40883 53795 ... 66453 56897 84204 000 000	CW	(AB)
M12	12164	22-4	1920	Fri	511 511 511 1 105 88 150 88 34209 40883 53795 ... 66453 56897 84204 000 000	CW	(AB)
M12	11164	22-4	1940	Fri	511 511 511 1 105 88 150 88 34209 40883 53795 ... 66453 56897 84204 000 000	CW	(AB)
M12	7575	22-4	2100	Fri	511 511 511 1 426 136 426 136 85761 39827 84954 ... 70802 67278 26226 000 000	CW	(AB/RL)
M12	8175	22-4	2120	Fri	511 511 511 1 426 136 426 136 85761 39827 84954 ... 70802 67278 26226 000 000	CW	(AB/RL)
M12	9175	22-4	2140	Fri	511 511 511 1 426 136 426 136 85761 39827 84954 ... 70802 67278 26226 000 000	CW	(AB/RL)
M12	11435	23-4	1800	Sat	938 938 938 1 4243 71 4243 71 19055 39649 09328 ... 16519 85937 46105 000 000	CW	(AB)
M12	10598	23-4	1820	Sat	938 938 938 1 4243 71 4243 71 19055 39649 09328 ... 16519 85937 46105 000 000	CW	(AB)
M12	9327	23-4	1840	Sat	938 938 938 1 4243 71 4243 71 19055 39649 09328 ... 16519 85937 46105 000 000	CW	(AB)
M12	7575	23-4	2100	Sat	511 511 511 1 426 136 426 136 85761 39827 84954 ... 70802 67278 26226 000 000	CW	(AB)
M12	8175	23-4	2120	Sat	511 511 511 1 426 136 426 136 85761 39827 84954 ... 70802 67278 26226 000 000	CW	(AB)
M12	9175	23-4	2140	Sat	511 511 511 1 426 136 426 136 85761 39827 84954 ... 70802 67278 26226 000 000	CW	(AB)
M12	11012	23-4	2210	Sat	923 923 923 1 4641 68 4641 68 06759 89592 17734 ... 95206 82460 18651 000 000	CW	(AB/RL)
M12	10212	23-4	2230	Sat	923 923 923 1 4641 68 4641 68 06759 89592 17734 ... 95206 82460 18651 000 000	CW	(AB/RL)
M12	9312	23-4	2250	Sat	923 923 923 1 4641 68 4641 68 06759 89592 17734 ... 95206 82460 18651 000 000	CW	(AB/RL)
M12	16321	24-4	1600	Sun	387 387 387 1 3726 72 3726 72 58985 65301 85989 ... 00884 78284 56503 000 000	CW	(AB/MPJ)
M12	15821	24-4	1620	Sun	387 387 387 1 3726 72 3726 72 58985 65301 85989 ... 00884 78284 56503 000 000	CW	(AB/MPJ)
M12	14721	24-4	1640	Sun	387 387 387 1 3726 72 3726 72 58985 65301 85989 ... 00884 78284 56503 000 000	CW	(AB/MPJ)
M12	14377	25-4	1130	Mon	317 317 317 1 5654 42 5654 42 33685 75845 21419 ... 41752 73446 66344 000 000	CW	(AB/MPJ)
M12	13461	25-4	1150	Mon	317 317 317 1 5654 42 5654 42 33685 75845 21419 ... 41752 73446 66344 000 000	CW	(AB/MPJ)
M12	12114	25-4	1210	Mon	317 317 317 1 5654 42 5654 42 33685 75845 21419 ... 41752 73446 66344 000 000	CW	(AB/MPJ)
M12	20971	25-4	1400	Mon	932 932 932 000	CW	(AB/MPJ)
M12	20371	25-4	1420	Mon	932 932 932 000	CW	(AB/MPJ)
M12	12139	25-4	2000	Mon	234 234 234 000	CW	(AB/RL)
M12	11139	25-4	2020	Mon	234 234 234 000	CW	(AB/RL)
M12	10572	25-4	2110	Mon	531 531 531 000	CW	(AB/RL)
M12	9372	25-4	2130	Mon	531 531 531 000	CW	(AB/RL)
M12	6854	26-4	0030	Tue	813 813 813 000	CW	(AB)
M12	8154	26-4	0050	Tue	813 813 813 000	CW	(AB)
M12	10904	26-4	0700	Tue	923 923 923 1 6109 168 6109 168 36527 92842 33686 ... 89558 73149 04773 000 000	CW	(AB-J)
M12	10204	26-4	0720	Tue	923 923 923 1 6109 168 6109 168 36527 92842 33686 ... 89558 73149 04773 000 000	CW	(AB-J)
M12	9304	26-4	0740	Tue	923 923 923 1 6109 168 6109 168 36527 92842 33686 ... 89558 73149 04773 000 000	CW	(AB-J)
M12	13391	26-4	0800	Tue	387 387 387 000	CW	(AB)
M12	13891	26-4	0820	Tue	387 387 387 000	CW	(AB)
M12	16321	27-4	1600	Wed	387 387 387 000	CW	(AB)
M12	15821	27-4	1620	Wed	387 387 387 000	CW	(AB)
M12	13564	27-4	1900	Wed	511 511 511 000	CW	(AB)
M12	12164	27-4	1920	Wed	511 511 511 000	CW	(AB)
M12	11012	27-4	2210	Wed	923 923 923 1 9437 84 9437 84 59657 21584 05343 ... 38926 79715 54724 000 000	CW	(AB/RL)
M12	10212	27-4	2230	Wed	923 923 923 1 9437 84 9437 84 59657 21584 05343 ... 38926 79715 54724 000 000	CW	(AB/RL)
M12	9312	27-4	2250	Wed	923 923 923 1 9437 84 9437 84 59657 21584 05343 ... 38926 79715 54724 000 000	CW	(AB/RL)

M12	10904	28-4	0700	Thu	923 923 923 1 6109 168 6109 168 36527 92842 33686 ... 89558 73149 04773 000 000	CW	(AB-J)
M12	10204	28-4	0720	Thu	923 923 923 1 6109 168 6109 168 36527 92842 33686 ... 89558 73149 04773 000 000	CW	(AB-J)
M12	9304	28-4	0740	Thu	923 923 923 1 6109 168 6109 168 36527 92842 33686 ... 89558 73149 04773 000 000	CW	(AB-J)
M12	13386	28-4	1110	Thu	725 725 725 1 2823 96 2823 96 66127 62885 87048 ... 85133 44720 93165 000 000	CW	(AB/MPJ)
M12	12189	28-4	1130	Thu	725 725 725 1 2823 96 2823 96 66127 62885 87048 ... 85133 44720 93165 000 000	CW	(AB/MPJ)
M12	11491	28-4	1150	Thu	725 725 725 1 2823 96 2823 96 66127 62885 87048 ... 85133 44720 93165 000 000	CW	(AB/MPJ)
M12	20971	28-4	1400	Thu	932 932 932 000	CW	(AB)
M12	20371	28-4	1420	Thu	932 932 932 000	CW	(AB/RL)
M12	12139	28-4	2000	Thu	234 234 234 000	CW	(AB/RL)
M12	11139	28-4	2020	Thu	234 234 234 000	CW	(AB/RL)
M12	10572	28-4	2110	Thu	531 531 531 000	CW	(AB)
M12	9372	28-4	2130	Thu	531 531 531 000	CW	(AB)
M12	6854	29-4	0030	Fri	813 813 813 000	CW	(AB)
M12	8154	29-4	0050	Fri	813 813 813 000	CW	(AB)
M12	13391	29-4	0800	Fri	387 387 387 000	CW	(AB)
M12	13891	29-4	0820	Fri	387 387 387 000	CW	(AB)
M12	13564	29-4	1900	Fri	511 511 511 000	CW	(AB)
M12	12164	29-4	1920	Fri	511 511 511 000	CW	(AB)
M12	7575	29-4	2100	Fri	511 511 511 1 3753 140 3753 140 40326 67774 47907 ... 52137 57679 62353 000 000	CW	(AB)
M12	8175	29-4	2120	Fri	511 511 511 1 3753 140 3753 140 40326 67774 47907 ... 52137 57679 62353 000 000	CW	(AB)
M12	9175	29-4	2140	Fri	511 511 511 1 3753 140 3753 140 40326 67774 47907 ... 52137 57679 62353 000 000	CW	(AB)
M12	11435	30-4	1800	Sat	938 938 938 1 3672 71 3672 71 09570 91186 29511 ... 69898 45295 10050 000 000	CW	(AB)
M12	10598	30-4	1820	Sat	938 938 938 1 3672 71 3672 71 09570 91186 29511 ... 69898 45295 10050 000 000	CW	(AB)
M12	9327	30-4	1840	Sat	938 938 938 1 3672 71 3672 71 09570 91186 29511 ... 69898 45295 10050 000 000	CW	(AB)
M12	7575	30-4	2100	Sat	511 511 511 1 3753 140 3753 140 40326 67774 47907 ... 52137 57679 62353 000 000	CW	(AB/RL)
M12	8175	30-4	2120	Sat	511 511 511 1 3753 140 3753 140 40326 67774 47907 ... 52137 57679 62353 000 000	CW	(AB/RL)
M12	9175	30-4	2140	Sat	511 511 511 1 3753 140 3753 140 40326 67774 47907 ... 52137 57679 62353 000 000	CW	(AB/RL)
M12	11012	30-4	2210	Sat	923 923 923 1 9437 84 9437 84 59657 21584 05343 ... 38926 79715 54724 000 000	CW	(AB)
M12	10212	30-4	2230	Sat	923 923 923 1 9437 84 9437 84 59657 21584 05343 ... 38926 79715 54724 000 000	CW	(AB)
M12	9312	30-4	2250	Sat	923 923 923 1 9437 84 9437 84 59657 21584 05343 ... 38926 79715 54724 000 000	CW	(AB)
M14	12211	1-4	0500	Fri	952 476 476 52 52 = = 77805 45259 23001 ... 18820 85556 16383 = = 476 476 52 52 00000	CW	(AB-J)
M14	10243	1-4	0520	Fri	952 476 476 52 52 = = 77805 45259 23001 ... 18820 85556 16383 = = 476 476 52 52 00000	CW	(AB-J)
M14	12211	4-4	0500	Mon	952 801 801 53 53 = = 42539 07719 62785 ... 43728 46873 10687 = = 801 801 53 53 00000	CW	(AB-J)
M14	10243	4-4	0520	Mon	952 801 801 53 53 = = 42539 07719 62785 ... 43728 46873 10687 = = 801 801 53 53 00000	CW	(AB-J)
M14	12211	5-4	0500	Tue	952 436 436 51 51 = = 81651 27581 95414 ... 58470 62426 56604 = = 436 436 51 51 00000	CW	(AB-J)
M14	10243	5-4	0520	Tue	952 436 436 51 51 = = 81651 27581 95414 ... 58470 62426 56604 = = 436 436 51 51 00000	CW	(AB-J)
M14	12211	6-4	0504	Wed	952 718 718 52 52 = = 24388 60232 25294 ... 34957 79728 35531 = = 718 718 52 52 00000 Late start	CW	(AB-J)
M14	10243	6-4	0520	Wed	952 718 718 52 52 = = 24388 60232 25294 ... 34957 79728 35531 = = 718 718 52 52 00000	CW	(AB-J)
M14	12211	7-4	0501	Thu	952 304 304 51 51 = = 72505 31715 63450 ... 50223 40953 21091 = = 304 304 51 51 00000 Late start	CW	(AB-J)
M14	10243	7-4	0520	Thu	952 304 304 51 51 = = 72505 31715 63450 ... 50223 40953 21091 = = 304 304 51 51 00000	CW	(AB-J)
M14	12211	8-4	0500	Fri	952 678 678 52 52 = = 56167 40121 31124 ... 06473 37505 24811 = = 678 678 52 52 00000	CW	(AB-J)
M14	10243	8-4	0520	Fri	952 678 678 52 52 = = 56167 40121 31124 ... 06473 37505 24811 = = 678 678 52 52 00000	CW	(AB-J)

M14	17458	10-4	0930	Sun	617 617 617 00000	CW	(AB)
M14	12211	11-4	0500	Mon	952 143 143 60 60 = = 78454 10935 62149 ... 75087 46461 52990 = = 143 143 60 60 00000	CW	(AB-J)
M14	10243	11-4	0520	Mon	952 143 143 60 60 = = 78454 10935 62149 ... 75087 46461 52990 = = 143 143 60 60 00000	CW	(AB-J)
M14	12211	12-4	0500	Tue	952 860 860 51 51 = = 19976 88709 12351 ... 38248 12421 82111 = = 860 860 51 51 00000 Off at 0505z, restart at 0506z	CW	(AB-J)
M14	10243	12-4	0520	Tue	952 860 860 51 51 = = 19976 88709 12351 ... 38248 12421 82111 = = 860 860 51 51 00000	CW	(AB-J)
M14	12211	13-4	0500	Wed	952 714 714 62 62 = = 26921 21692 71279 ... 92207 07676 41121 = = 714 714 62 62 00000	CW	(AB-J)
M14	10243	13-4	0526	Wed	952 714 714 62 62 = = 26921 21692 71279 ... 92207 07676 41121 = = 714 714 62 62 00000 Late start. Several restarts	CW	(AB-J)
M14	12211	14-4	0501	Thu	952 952 952 00000 (R4m) 638 638 51 51 = = 16585 73345 50614 ... 94651 85903 45229 = = 638 638 51 51 00000	CW	(AB-J)
M14	10243	14-4	0520	Thu	952 638 638 51 51 = = 16585 73345 50614 ... 94651 85903 45229 = = 638 638 51 51 00000	CW	(AB-J)
M14	12211	15-4	0500	Fri	952 704 704 61 61 = = 86295 25870 41768 ... 67067 11780 31723 = = 704 704 61 61 00000	CW	(AB-J)
M14	12211	18-4	0500	Mon	952 381 381 54 54 = = 78818 23207 35014 ... 37825 79151 98681 = = 381 381 54 54 00000	CW	(AB-J)
M14	10243	18-4	0520	Mon	952 381 381 54 54 = = 78818 23207 35014 ... 37825 79151 98681 = = 381 381 54 54 00000	CW	(AB-J)
M14	12211	19-4	0500	Tue	952 607 607 51 51 = = 73882 37612 33094 ... 52980 62182 40382 Off after 50 groups back for the post-ambule: = = 607 607 51 51 00000	CW	(AB-J)
M14	10243	19-4	0520	Tue	952 607 607 51 51 = = 73882 37612 33094 ... 62182 40382 03571 = = 607 607 51 51 00000	CW	(AB-J)
M14	12211	20-4	0500	Wed	952 148 148 52 52 = = 63283 43677 34120 ... 97593 83042 30389 = = 148 148 52 52 00000	CW	(AB-J)
M14	10243	20-4	0526	Wed	952 148 148 52 52 = = 63283 43677 34120 ... 97593 83042 30389 = = 148 148 52 52 00000	CW	(AB-J)
M14	12211	21-4	0502	Thu	952 306 306 51 51 = = 30621 32943 62974 ... 01281 47997 48986 = = 306 306 51 51 00000 Late start	CW	(AB-J)
M14	10243	21-4	0520	Thu	952 306 306 51 51 = = 30621 32943 62974 ... 01281 47997 48986 = = 306 306 51 51 00000	CW	(AB-J)
M14	12211	22-4	0500	Fri	952 478 478 52 52 = = 65415 55803 00836 ... 45983 71057 14903 = = 478 478 52 52 00000	CW	(AB-J)
M14	10243	22-4	0520	Fri	952 478 478 52 52 = = 65415 55803 00836 ... 45983 71057 14903 = = 478 478 52 52 00000	CW	(AB-J)
M14	12211	25-4	0500	Mon	952 136 136 52 52 = = 19533 30059 36951 ... 64673 74051 84999 = = 136 136 52 52 00000 Technical problems. Lots of outages	CW	(AB-J)
M14	10243	25-4	0520	Mon	952 136 136 52 52 = = 19533 30059 36951 ... 64673 74051 84999 = = 136 136 52 52 00000	CW	(AB-J)
M14	12211	27-4	0500	Wed	952 183 183 52 52 = = 17531 02830 22968 ... 10636 33815 02976 = = 183 183 52 52 00000	CW	(AB-J)
M14	10243	27-4	0520	Wed	952 183 183 52 52 = = 17531 02830 22968 ... 10636 33815 02976 = = 183 183 52 52 00000	CW	(AB-J)
M14	12211	28-4	0502	Thu	952 706 706 51 51 = = 48499 94873 10546 ... 90957 15120 11325 = = 706 706 51 51 00000	CW	(AB-J)
M14	10243	28-4	0520	Thu	952 706 706 51 51 = = 48499 94873 10546 ... 90957 15120 11325 = = 706 706 51 51 00000	CW	(AB-J)
M14	12211	29-4	0500	Fri	952 481 481 63 63 = = 72071 47186 06709 ... 29613 38556 07735 = = 481 482 63 63 00000 Nothing at 0520z	CW	(AB-J)
M21	6828	2-4	0900	Sat	=991200??8????? =991201??8????? =991202??8?????	CW	(F5JBR)
M21	7923.5	2-4	1354	Sat	=13403441768956 =13403441768857 =23403901060535 =13403449784400 =13403449794601	CW	(F5JBR)
M21	6208.5	2-4	1524	Sat	=13403449795425 =13403441767127 =23403901040817 =13403449794529 =13403449799931	CW	(F5JBR)
M21	4171	2-4	1558	Sat	=991858??8????? =991859??8????? =991900??8?????	CW	(F5JBR)
M21	4191.5	2-4	1558	Sat	=991858??8????? =991859??8????? =991900??8????? //4171	CW	(F5JBR)
M21	4171	4-4	1313	Mon	=991613??8????? =991614??8????? =991615??8?????	CW	(F5JBR)
M21	7923.5	6-4	1426	Wed	i.p. 13601667942426 13601667942428 13601667942230 13601667943136 23601901970100	CW	(F5JBR)
M21	8025.5	7-4	1340	Thu	i.p. 70391010212 1370444185584013704441747443 13704441746445 13703341846346 13704441143146	CW	(F5JBR)

M21	7202	10-4	1102	Sun	i.p. 1123366798550 = 2123290101202 = 11233668986605 11232667987705 = 11232899253307 11233667985607 =	CW	(F5JBR)
M21	3185	16-4	0728	Sat	=991028??8????? =991029??8????? =991030??8?????	CW	(F5JBR)
M21	4171	16-4	0728	Sat	=991028??8????? =991029??8????? =991030??8?????	CW	(F5JBR)
M21	8747	16-4	1735	Sat	=99?2035?9????? =99?2037?9????? =99?2039?9?????	CW	(F5JBR)
M21	4171	19-4	0521	Tue	=990821??8????? =990822??8????? =990823??8?????	CW	(F5JBR)
M21	6828	19-4	0521	Tue	=990821??8????? =990822??8????? =990823??8?????	CW	(F5JBR)
M21	4273	22-4	0739	Fri	VVV = 10001666023133 20001901010513 100016660071835 10001666071437 100016660071539	CW	(F5JBR)
M21	8747	26-4	1745	Tue	=99?2045?9????? =99?2047?9????? =99?2049?9?????	CW	(F5JBR)
M22	2680	16-4	1725	Sat	VVV DE 4XZ 4XZ	CW	(F5JBR)
M22	4331	16-4	1725	Sat	VVV DE 4XZ 4XZ	CW	(F5JBR)
M22	6607	16-4	1725	Sat	VVV DE 4XZ 4XZ	CW	(F5JBR)
M22	8319	16-4	1725	Sat	VVV DE 4XZ 4XZ	CW	(F5JBR)
M22	9377	16-4	1725	Sat	VVV DE 4XZ 4XZ	CW	(F5JBR)
M32	3264	4-4	1432	Mon	XXX 5TID 4271 ROHER 2594 6725 K	CW	(F5JBR)
M32	4060	6-4	0821	Wed	XXX BLGK 43215 WYWOZ 1132 43215 K	CW	(F5JBR)
M32	6351	6-4	1230	Wed	RGT77: XXX JQWS 47665 KAJFOChAH 6688 1869 K	CW	(F5JBR)
M32	10536	6-4	1230	Wed	RGT77: XXX JQWS 47665 KAJFOChAH 6688 1869 K	CW	(F5JBR)
M32	6006.5	7-4	1703	Thu	ZIG6: XXX XWAA WINTOSLIW PO ZONE B K	CW	(F5JBR)
M32	5378	10-4	1301	Sun	XXX VZFY BYTOSBH 6759 K	CW	(F5JBR)
M32	4155	21-4	0801	Thu	RGT77: XXX EET2 86205 NEPODRAVAEMOSTX 7678 K	CW	(F5JBR)
M32	6351	21-4	0822	Thu	RGT77: XXX JQWS 81772 KLICHOKUSU 7280 5223 K	CW	(F5JBR)
M32	7411	21-4	0822	Thu	RGT77: XXX JQWS 81772 KLICHOKUSU 7280 5223 K	CW	(F5JBR)
M32	7521	21-4	0822	Thu	RGT77: XXX JQWS 81772 KLICHOKUSU 7280 5223 K	CW	(F5JBR)
M32	7591	21-4	0822	Thu	RGT77: XXX JQWS 81772 KLICHOKUSU 7280 5223 K	CW	(F5JBR)
M32	6351	21-4	0827	Thu	RGT77: XXX JQWS 31550 POBELKA 6161 3634 BOSHONOShNYJ 3348 9588 K	CW	(F5JBR)
M32	7411	21-4	0827	Thu	RGT77: XXX JQWS 31550 POBELKA 6161 3634 BOSHONOShNYJ 3348 9588 K	CW	(F5JBR)
M32	7521	21-4	0827	Thu	RGT77: XXX JQWS 31550 POBELKA 6161 3634 BOSHONOShNYJ 3348 9588 K	CW	(F5JBR)
M32	7591	21-4	0827	Thu	RGT77: XXX JQWS 31550 POBELKA 6161 3634 BOSHONOShNYJ 3348 9588 K	CW	(F5JBR)
M32	10683	21-4	0827	Thu	RGT77: XXX JQWS 31550 POBELKA 6161 3634 BOSHONOShNYJ 3348 9588 K	CW	(F5JBR)
M32	6351	21-4	0906	Thu	RGT77: XXX JQWS 44489 RAZLISHIMYJ 42969 689 LUQZNYJ 5695 3241 PUZANOK 5214 6821 FAWNOFAG 2864 1439 K	CW	(F5JBR)
M32	7411	21-4	0906	Thu	RGT77: XXX JQWS 44489 RAZLISHIMYJ 42969 689 LUQZNYJ 5695 3241 PUZANOK 5214 6821 FAWNOFAG 2864 1439 K	CW	(F5JBR)
M32	7521	21-4	0906	Thu	RGT77: XXX JQWS 44489 RAZLISHIMYJ 42969 689 LUQZNYJ 5695 3241 PUZANOK 5214 6821 FAWNOFAG 2864 1439 K	CW	(F5JBR)
M32	7591	21-4	0906	Thu	RGT77: XXX JQWS 44489 RAZLISHIMYJ 42969 689 LUQZNYJ 5695 3241 PUZANOK 5214 6821 FAWNOFAG 2864 1439 K	CW	(F5JBR)
M32	10683	21-4	0906	Thu	RGT77: XXX JQWS 44489 RAZLISHIMYJ 42969 689 LUQZNYJ 5695 3241 PUZANOK 5214 6821 FAWNOFAG 2864 1439 K	CW	(F5JBR)
M32	10987	24-4	1247	Sun	XXX ...68917 KOLONIYa 2861 8265 K	CW	(F5JBR)

M32	7460	25-4	0813	Mon	QTC 347 02 26 0916 347 = ZAB 129 880 777 = K R 79450 SAPSAN 1793 7276 K XXX A2M2 46783 KOVUH 6930 3678 K	CW	(F5JBR)
M32	7057.5	25-4	0817	Mon	XXX 2RWL ELASTISHNYJ 01 1070 073 250 1110 K	CW	(F5JBR)
M32	6888	25-4	1255	Mon	XXX GBCB 37654 PERO 4323 7893 R 339 QTC K GBCB 562 30 3 0915 562 = ZDS 213512 = K	CW	(F5JBR)
M32	6888	26-4	0737	Tue	R XXX 79450 MOLOKO 1793 7276 K. XXX GBCB 66703 STUVA 6930 3678 K	CW	(F5JBR)
M32	6351	27-4	0736	Wed	XXX JQWS 78669 PLEMYa 3152 7383 K	CW	(F5JBR)
M32	7416	27-4	0736	Wed	XXX JQWS 78669 PLEMYa 3152 7383 K	CW	(F5JBR)
M32	7521	27-4	0736	Wed	XXX JQWS 78669 PLEMYa 3152 7383 K	CW	(F5JBR)
M32	6351	27-4	0740	Wed	XXX JQWS 32267 URANOWIST 6105 4872 YaKOSTEM 3746 6099 BALXZAMNYJ 6450 3039 K	CW	(F5JBR)
M32	7416	27-4	0740	Wed	XXX JQWS 32267 URANOWIST 6105 4872 YaKOSTEM 3746 6099 BALXZAMNYJ 6450 3039 K	CW	(F5JBR)
M32	7521	27-4	0740	Wed	XXX JQWS 32267 URANOWIST 6105 4872 YaKOSTEM 3746 6099 BALXZAMNYJ 6450 3039 K	CW	(F5JBR)
M32	10683	27-4	0811	Wed	XXX JQWS 94818 GRACHOChEJK 1634 3073 POROVNIJ 2598 1530 K	CW	(F5JBR)
M32	7416	27-4	0845	Wed	XXX JQWS 27372 NIKChEMUCHNYJ 7610 4984	CW	(F5JBR)
M32	7521	27-4	0845	Wed	XXX JQWS 27372 NIKChEMUCHNYJ 7610 4984	CW	(F5JBR)
M32	10683	27-4	0845	Wed	XXX JQWS 27372 NIKChEMUCHNYJ 7610 4984	CW	(F5JBR)
M32	6400	27-4	0905	Wed	XXX TUC3 67459 NAMI 7843 9356 K. QAP K	CW	(F5JBR)
M32	4832	27-4	1050	Wed	XXX 12354 And W3N6 XXX 25467. QSU 1 K	CW	(F5JBR)
M32	5223	27-4	1051	Wed	XXX JYNK 12354 K. R 25467 K. QSU1 K	CW	(F5JBR)
M32	5878	27-4	1148	Wed	XXX NFSA 26592 K. QSU1 K	CW	(F5JBR)
M32	5223	27-4	1206	Wed	XXX JYNY 24689 K. R 26592 K. QSU1 K	CW	(F5JBR)
M32	10347	27-4	1322	Wed	XXX IYAM 12354 K. 14678 K. QSU1 K	CW	(F5JBR)
M32	7000	28-4	0621	Thu	M marker	CW	(JPL-RUS)
M32a	7815	4-4	1330	Mon	RBL88: XXX TEKhNICHESKAYa PROWERKA 872 K	CW	(F5JBR)
M32a	7815	4-4	1331	Mon	RBL88 wkg RBL90, RFN69, RFN77, RGR99: XXX TEKhNICHESKAYa PROWERKA 872 K (RFN69, RFN77, RGR99, RBL90 acknowledge receipt)	CW	(F5JBR)
M32a	6313.5	4-4	1334	Mon	RFN69: XXX RADJ TEKhNICHESKAYa PROWERKA K	CW	(F5JBR)
M32a	6313.5	4-4	1335	Mon	RFN69 wkg RFN31, RFN32, RFN68: XXX TEKhNICHESKAYa PROWERKA K	CW	(F5JBR)
M32a	7815	6-4	0812	Wed	RBL88 wkg RBL90, RFN69, RFN77, RGR99: XXX TEKhNICHESKAYa PROWERKA 872 K (RFN69, RFN77, RGR99, RBL90 acknowledge receipt)	CW	(F5JBR)
M32a	5019	21-4	0927	Thu	RIT: XXX RLO ELASTISHNYJ 09 1060 105 280 02 1320 320 120 1220 K	CW	(F5JBR)
M32a	5019	21-4	0931	Thu	RIT: XXX RLO WINTOSLIW PO ZONE B K	CW	(F5JBR)
M32a	7815	24-4	1130	Sun	RBL88: XXX LR43 TEKhNICHESKAYa PROWERKA 540 K	CW	(F5JBR)
M32a	6416	26-4	0836	Tue	XXX RLO ELASTISHNYJ 01 1070 115 190 1134 K	CW	(F5JBR)
M32a	7324	26-4	0836	Tue	XXX RLO ELASTISHNYJ 01 1070 115 190 1134 K	CW	(F5JBR)
M32b	8816	6-4	1311	Wed	26933 wkg RJC38 RJF94: QTC QQL UWPP 1310 QBD 0300 QRE XUDE 1415 K	CW	(F5JBR)
M32b	8816	7-4	1527	Thu	26933 wkg RJC38 RJF94: QTC QTO 1520 QRD XRRC XUMO QRE 1850 QBD 0500 K	CW	(F5JBR)
M32b	8816	13-4	1309	Wed	26937 wkg RJC38: QTC QTO 1300 QRD XLDR XLMD QRE 1500 QBD 0430 RPT AL K	CW	(F5JBR)
M32b	8816	13-4	1315	Wed	26930 wkg RJC38 RJF94: QTC QTO 1245 QRD XLMD XUMO QRE 1645 QBD 0500 RPT AL K	CW	(F5JBR)
M41	6014.5	2-4	0818	Sat	PWZW: =3002663673418 =30026600688120 =3002663674522 =3002663675424 =3002663675626 =3002663073728	CW	(F5JBR)
M41	8696	7-4	1428	Thu	i.p. 4RVU 4RVU AR	CW	(F5JBR)
M41	6822.5	7-4	1558	Thu	i.p. 56DN 56DN AR (07-APR-2022 1558) (F5JBR)	CW	(F5JBR)

M41	5252	7-4	1737	Thu	i.p. 10692949177536 10691949176737 10692949176838 10692949177438 10692949177940	CW	(F5JBR)
M41	5252	18-4	1630	Mon	10955949879330 10955949872531 10955..871633 10955949872734 10955949871536	CW	(F5JBR)
M41	8696	19-4	0731	Tue	i.p. PBSN PBSN AR	CW	(F5JBR)
M41	5252	20-4	1627	Wed	10702949541727 10702949541128 10702270103330 10702270103931 10702270102532 10907021933	CW	(F5JBR)
M41	6014.5	21-4	0807	Thu	7139668644207 = 7139668643609 = 7139668643511 = 0030026639274 100312 = 003002663927411112 = 7139668643413 =	CW	(F5JBR)
M41	8696	21-4	1428	Thu	i.p. 4RVU 4RVU AR	CW	(F5JBR)
M41b	6817	4-4	1508	Mon	W8AD ZVP K 204 183 4 1503 5678 = 23484 58606 20176 ... 13436 86024 73445 - 1517 K CFM NIL SK	CW/FSK 50/500	(AB-POL)
M42	12146	4-4	0741	Mon	Russian diplo.	MFSK-66	(AB)
M42b	4958	4-4	1439	Mon	OUGW wkg PRIL: OUGW QTC 2 ZTH QRV ? K. PRIL QRV K. OUGW NW 323 100 K. PRIL R 323 1442 K	CW	(F5JBR)
M42b	8167	4-4	1535	Mon	IMSK IMSK IMSK DE MN7L MN7L K 832 100 04 1535 4356 = 57612 34576 45675 ... 20101 21934 89487 =100= CFM NIL K	CW/FSK 50/500	(AB)
M42b	8167	5-4	1535	Tue	IMSK IMSK IMSK DE MN7L MN7L K 854 100 5 1514 8005 = 78463 61286 20700 ... 74459 06490 87045 =100= -1543 CFM NIL K SK	CW/FSK 50/500	(AB)
M42b	13902	6-4	0802	Wed	i.p. 800 1902 K. CFM NIL SK	CW	(F5JBR)
M42b	4958	6-4	1439	Wed	OUGW wkg PRIL: QSA NO QSY 98127 K. QSA 4 QTC2 ZTH	CW	(F5JBR)
M42b	8167	6-4	1538	Wed	IMSK IMSK IMSK DE MN7L MN7L K 313 105 6 1535 1749 = = 83795 65547 92962 ... 31074 73610 51904 - 1543 CFM NIL K SK	CW/FSK 50/500	(AB/F5JBR)
M42b	5351	6-4	1725	Wed	ZUDG Wkg KEVT: QSY 65177 QSA NO SK	CW	(F5JBR)
M42b	4958	7-4	1439	Thu	OUGW wkg PRIL: QSA QSA4 QTC2 ZTH NW 339 100 K. 340 30 K. QRU QRU ? K. QRV R445 1442 R 446 1142 K. NIL SK	CW	(F5JBR)
M42b	8167	7-4	1534	Thu	IMSK IMSK IMSK DE MN7L MN7L K 164 105 7 1535 7890 = 57622 34576 45675 ... 38792 73722 31_1_ - 1531 CFM NIL K	CW/FSK 50/500	(AB/F5JBR)
M42b	8167	8-4	1535	Fri	IMSK IMSK IMSK DE MN7L MN7L K 957 104 8 1535 7397 = 18556 78095 22791 ... 48146 04681 80181 - 1542 K CFM NIL SK	CW/FSK 50/500	(AB)
M42b	7547	9-4	1534	Sat	MN7L MN7L MN7L DE IMSK IMSK K 191 100 9 1523 8105 = 91892 40783 14341 ... 46394 37461 47184 =100= CFM NIL	CW/FSK 50/500	(AB-POL)
M42b	8167	9-4	1535	Sat	IMSK IMSK IMSK DE MN7L MN7L K 721 10 9 1535 6768 = = 88508 97437 94605 ... 11803 19697 72446 =100= -1542 = CFM NIL SK	CW/FSK 50/500	(AB)
M42b	13922	10-4	0757	Sun	3AZB wkg MR4V: OK QLO 20 K OK ZTH K R714 0807 K QTC1 ZTH ? K 340 100 100800 1908 K CFM NIL SK (Qsx 14456 kHz)	CW	(F5JBR)
M42b	5223	10-4	0820	Sun	MRLC wkg BZTJ: QTC1 ZTH ? K NW = 352 100 K NW = 353 30 K CFM NIL QRU ? K OK QRV K R452 0823 K R 454 0823 K NIL SK	CW	(F5JBR)
M42b	8167	10-4	1535	Sun	IMSK IMSK IMSK DE MN7L MN7L K 248 105 10 1530 2762 = = 06052 83251 43422 ... 28571 80108 19164 =100= -1549 = 248 100 10 1535 955 = CFM NIL SK	CW/FSK 50/500	(AB-POL)
M42b	7547	10-4	1537	Sun	MN7L MN7L MN7L DE IMSK IMSK K 193 100 10 1500 8375 = 94343 34864 57849 ... 53207 10472 57167 =100= CFM NIL QRU? K	CW/FSK 50/500	(AB-POL)
M42b	5267	11-4	1439	Mon	IRWN wkg TOAM: QTC2 ZTH QRU NIL SK (Qsx 5932 kHz)	CW	(F5JBR)
M42b	6772	11-4	1439	Mon	K5LW wkg FI8R. QSA NO QSY 54862	CW	(F5JBR)
M42b	7547	11-4	1535	Mon	MN7L MN7L MN7L DE IMSK IMSK K 195 100 11 1520 6935 = 41652 25677 65438 ... 03795 46345 11317 =100= CFM NIL QRU? K	CW/FSK 50/500	(AB-POL)

M42b	8167	11-4	1535	Mon	IMSK IMSK IMSK DE MN7L MN7L K 894 105 11 1535 8344 = 38091 87330 87740 ... 89822 05843 26808 000 -1542= CFM NIL K SK	CW/FSK 50/500	(AB-POL/F5JBR)
M42b	7547	12-4	1535	Tue	MN7L MN7L MN7L DE IMSK IMSK K 197 100 12 1523 4728 = 41652 25677 65438 ... 03795 46345 11317 =100= CFM NIL QRU? K	CW/FSK 50/500	(AB-POL)
M42b	8167	12-4	1535	Tue	IMSK IMSK IMSK DE MN7L MN7L K 812 100 12 1532 3388 = = 39428 76606 14285 ... 90193 11734 45827 =100= -1545= CFM NIL K SK	CW/FSK 50/500	(AB-POL)
M42b	4618	13-4	0550	Wed	UOZG wkd WDAK. (QSX 5921 kHz)	CW	(F5JBR)
M42b	5471	13-4	0550	Wed	UOZG wkd WDAK. (QSX 5921 kHz)	CW	(F5JBR)
M42b	5921	13-4	0558	Wed	WDAK wkd UOZG. QSY 89989 K QSO NO NIL SK (QSX 4618 kHz)	CW	(F5JBR)
M42b	6853	13-4	0640	Wed	R 851 06400 QRX 827404 K AR	CW	(F5JBR)
M42b	6853	13-4	0700	Wed	K4MT wkg NT9P: QSW 81138 K	CW	(F5JBR)
M42b	13922	13-4	0757	Wed	DVY7 wkg PVS9 (QSX 14456 kHz)	CW	(F5JBR)
M42b	14456	13-4	0800	Wed	PVS9 wkg DVY7: QSY 72087 QSY 73480 QSA 3 QRU ? K ZTH K R343 0807 K QTC 1 ZTH K NW 250 100 13 00 RPT K NW 250 100 13 0800 5193 K CFM NIL SK	CW	(F5JBR)
M42b	4958	13-4	1440	Wed	OUGW wkg PRIL: QTC2 ZTH NW 468 100 K 469 30 K QRU NIL SK (QSX 5426 kHz)	CW	(F5JBR)
M42b	5426	13-4	1440	Wed	PRIL wkg UOGW: QTC 2 K NW 460 100 K QRU NIL SK (QSX 4958 kHz)	CW	(F5JBR)
M42b	7547	13-4	1534	Wed	MN7L MN7L MN7L DE IMSK IMSK K = 199 100 13 1523 7946 = 91892 40783 14341 ... 46394 37461 47184 =100= CFM NIL QRU? K	CW/FSK 50/500	(AB-POL)
M42b	8167	13-4	1535	Wed	IMSK IMSK IMSK DE MN7L MN7L K 482 100 13 1954 7368 = 71040 38089 62210 ... 70398 58569 51152 =100= -1544	CW/FSK 50/500	(AB-POL)
M42b	7547	14-4	1535	Thu	MN7L MN7L MN7L DE IMSK IMSK K 201 100 14 1526 3827 = 91892 40783 14341 ... 46394 37461 47184 =100= CFM NIL QRU? K	CW/FSK 50/500	(AB-POL)
M42b	7547	15-4	1535	Fri	MN7L MN7L MN7L DE IMSK IMSK K 203 100 15 1524 0739 = 41652 25677 65438 ... 03795 46345 11317 =100= CFM NIL QRU? K	CW/FSK 50/500	(AB-POL)
M42b	8167	15-4	1535	Fri	IMSK IMSK IMSK DE MN7L MN7L K 687 110 15 1535 5849 = 57612 34576 45675 ... 69462 24354 53492 CFM NIL K SK	CW/FSK 50/500	(AB-POL)
M42b	7547	16-4	1534	Sat	MN7L MN7L MN7L DE IMSK IMSK K 205 100 16 1525 4673 = 44278 42390 42394 ... 72311 95923 85140 =100= VV CFM NIL K	CW/FSK 50/500	(AB-POL)
M42b	8167	16-4	1534	Sat	IMSK IMSK IMSK DE MN7L MN7L K 620 105 16 1531 8542 = 64915 55582 58248 ... 54139 46964 59260 - 1541 CFM NIL SK	CW/FSK 50/500	(AB)
M42b	5868	16-4	1708	Sat	i.p. QRU? K QRV K ZVP R125 1717 QRU NIL SK	CW/FSK 50/500	(F5JBR)
M42b	6996	16-4	1708	Sat	i.p. 88417 69173 70665 ... 97771 85702 36694 =100 = -1717 K CFM NIL SK	CW/FSK 50/500	(F5JBR)
M42b	5471	17-4	0550	Sun	WDAK de UODG K 183 100 17 0507 9150 = 96930 72429 32641 ... 34981 97615 46578 CFM NIL QRU ? K	CW/FSK 50/500	(F5JBR)
M42b	5921	17-4	0550	Sun	UODG de WDAK 146 100 17 0545 5105 = 14297 7881 7744 ... 33082 06268 06606 =100= -0605 CFM K NIL SK	CW/FSK 50/500	(F5JBR)
M42b	7547	17-4	1534	Sun	MN7L MN7L MN7L DE IMSK IMSK K 207 100 17 1525 4673 = 41652 25677 65438 ... 03795 46345 11317 =100= CFM NIL K	CW/FSK 50/500	(AB-POL)
M42b	8167	17-4	1534	Sun	IMSK IMSK IMSK DE MN7L MN7L K 459 100 17 1530 4336 = 83304 66899 50581 ... 25129 53161 84250 =100= -1542= CFM NIL K SK	CW/FSK 50/500	(AB-POL)
M42b	13902	18-4	0810	Mon	PG67 wkg F8PW: QSA 0 QSY 68848. QSA 0 QSY 69414	CW	(F5JBR)
M42b	6773	18-4	0813	Mon	RGG wkg UBI: QSY 11541	CW	(F5JBR)
M42b	7591	18-4	1155	Mon	Net control wkg out station: QLO 20 K. QRU? ZVP R 207 1202 NIL SK	CW	(F5JBR)

M42b	8069	18-4	1200	Mon	VXBM de YP3M QTC (R4m) NW NW = 289 030 18 1125 2881 =	CW	(F5JBR)
M42b	10160	18-4	1240	Mon	K4MT de NT9P K 134 105 18 1245 9162= 42055 54039 01413 ... 01109 27180 21280 -1253 CFM NIL SK	CW/FSK 50/500	(F5JBR)
M42b	7547	18-4	1534	Mon	MN7L MN7L MN7L DE IMSK IMSK K 209 100 18 1525 4673 = 91892 40783 14341 ... 46394 37461 47184 =100= CFM NIL K	CW/FSK 50/500	(AB-POL/F5JBR)
M42b	8167	18-4	1534	Mon	IMSK IMSK IMSK DE MN7L MN7L K 261 100 18 1523 3677 = 18454 91391 91429 ... 65150 29890 18224 =100= -1542 = CFM NIL K SK	CW/FSK 50/500	(AB-POL/F5JBR)
M42b	5868	18-4	1708	Mon	KEVT DE ZUDG K 185 100 18 1648 3579 = 44378 42390 42394 ... 72311 95923 85140 =100= R 429 1717 K NIL SK	CW/FSK 50/500	(F5JBR)
M42b	6996	18-4	1708	Mon	ZUDG de KEVT 429 105 18 1705 3456 = 85276 38786 44917 ... 14703 21034 64669 -1717 CFM QRU NIL SK	CW/FSK 50/500	(F5JBR)
M42b	5471	19-4	0550	Tue	WDAK de UODG K 186 100 19 0510 = 41653 25677 65438 ... 03795 46345 11317 =100= -0551 CFM K	CW/FSK 50/500	(F5JBR)
M42b	5921	19-4	0550	Tue	UODG de WDAK 513 100 19 0545 3456 = 94354 92401 04622 ... 09774 43392 66307 = 100 = -0557 CFM K NIL SK	CW/FSK 50/500	(F5JBR)
M42b	13922	19-4	0757	Tue	K9VE wkg IC8U: QLO 20 (QSX 14456 kHz)	CW	(F5JBR)
M42b	13902	19-4	0801	Tue	K9VE wkg IC8U: QSY 39912 QSA NO QSY 31911 QSA 3 QTC1 ZTH ? K NW = 348 200 190800 5321 K	CW	(F5JBR)
M42b	13392	19-4	0822	Tue	IC8U wkg K9VE: R 818 0825 K OK QSW 32321 (QSX 13902 kHz)	CW	(F5JBR)
M42b	7547	19-4	1535	Tue	MN7L MN7L MN7L DE IMSK IMSK K 211 100 19 1525 4673 = 41652 25677 65438 ... 09588 46345 11317 =100 = -1539 CFM NIL K	CW/FSK 50/500	(AB-POL/F5JBR)
M42b	8167	19-4	1535	Tue	IMSK IMSK IMSK DE MN7L MN7L K 155 100 19 1535 7130 = = 00186 45499 11084 ... 85730 09290 39511 =100= -1543 CFM K NIL SK	CW/FSK 50/500	(AB-POL/F5JBR)
M42b	13922	20-4	0757	Wed	2YaNH wkg 6J11: QLO 20 (QSX 14456 kHz)	CW	(F5JBR)
M42b	13902	20-4	0801	Wed	2YaNH wkg 6J11: R 931 0805 QTC1 ZTH NW 349 100 20 0808 1908 K NIL SK (QSX 14456 kHz)	CW	(F5JBR)
M42b	14456	20-4	0801	Wed	6J11 wkg 2YaNH: QTC1 ZTH NW 931 100 20 0800 ... k QRU? ZTH QRU NIL SK (QSX 13902 kHz)	CW	(F5JBR)
M42b	5789	20-4	0857	Wed	Message in progress	CW	(F5JBR)
M42b	5932	20-4	1130	Wed	TOAM wkg IRWN	CW	(F5JBR)
M42b	5267	20-4	1133	Wed	IRWN wkg TOAM: QSA NO QSY 75430 (QSX 5932 kHz)	CW	(F5JBR)
M42b	4762	20-4	1143	Wed	IRWN wkg TOAM: QSA NO QSY 88455 QSA NO SK	CW	(F5JBR)
M42b	7547	20-4	1534	Wed	MN7L MN7L MN7L DE IMSK IMSK K 213 100 20 2530 8519 = 91892 40783 14341 ... 46394 37461 47184 =100= CFM NIL K	CW/FSK 50/500	(AB-POL/F5JBR)
M42b	8167	20-4	1534	Wed	IMSK IMSK IMSK DE MN7L MN7L K 745 110 20 1531 3535 = 80847 18247 06_49 ... 80973 66887 11427 -1541= CFM NIL K SK	CW/FSK 50/500	(AB-POL/F5JBR)
M42b	5789	21-4	0744	Thu	Message in progress QRU NIL SK (QSX 7653 kHz)	CW	(F5JBR)
M42b	10310	21-4	1215	Thu	349 109 21 1100 8212 FM 83889 FOR 83899 20220 93075 66994 ... 94162 57686 54741 - CFM NIL SK SK	CW/FSK 50/500	(F5JBR)
M42b	6772	21-4	1435	Thu	F8IR de K5LW K 772 111 21 1420 2358 = 75001 45939 08284 ... 76085 39754 97299 -1438 K R 361 1442 K NIL SK	CW/FSK 50/500	(F5JBR)
M42b	7406	21-4	1435	Thu	K5LW de F8IR K 361 115 21 1425 6295 = 21020 63694 84084 ... 25791 73969 98773 -1441 CFM NIL SK	CW/FSK 50/500	(F5JBR)
M42b	7547	21-4	1534	Thu	MN7L MN7L MN7L DE IMSK IMSK K 215 100 21 1525 4673 = 41652 25677 65438 ... 03795 46345 11317 =100= CFM NIL K	CW/FSK 50/500	(AB-POL/F5JBR)
M42b	8167	21-4	1534	Thu	IMSK IMSK IMSK DE MN7L MN7L K 529 105 21 1535 1497 = 14860 26944 83559 ... 16270 28230 92466 -1541= CFM NIL SK	CW/FSK 50/500	(AB-POL/F5JBR)
M42b	5868	21-4	1709	Thu	KEVT DE ZUDG 191 100 21 1700 6839 = 96920 72429 32641 ... 34513 49761 66578 ZVP K R 783 1719 CFM K NIL SK	CW/FSK 50/500	(F5JBR)

M42b	6996	21-4	1709	Thu	ZUDG de KEVT K 783 109 21 1650 7645 = 24710 21078 87801 ... 88911 55405 61444 -1719 K CFM NIL K SK	CW/FSK 50/500	(F5JBR)
M42b	5342	21-4	1805	Thu	TI4T wkg W7AD: QLO 20	CW	(F5JBR)
M42b	5322	21-4	1808	Thu	W7AD de TI4T K 209 200 21 1801 2348 = 19475 48492 89850 ... 78380 08202 69340 = 200 = -1819 K = CFM NIL SK	CW/FSK 50/500	(F5JBR)
M42b	8167	22-4	1535	Fri	IMSK IMSK IMSK DE MN7L MN7L K 109 105 22 1535 2___ 57612 34576 456_5 ... 38792 73722 37901 - 15_5 CFM NIL very weak, partly unreadable	CW/FSK 50/500	(AB-POL)
M42b	7547	23-4	1534	Sat	MN7L MN7L MN7L DE IMSK IMSK K 219 100 23 1514 7913 = 41652 25677 65438 ... 03795 46345 11317 =100= CFM NIL QRU? K	CW/FSK 50/500	(AB-POL)
M42b	8167	23-4	1535	Sat	IMSK IMSK IMSK DE MN7L MN7L K 409 100 23 1535 4674 = 57101 27372 65696 ... 07008 80177 29_19 87947 =100= -1542 = CFM NIL K SK	CW/FSK 50/500	(AB)
M42b	7547	24-4	1534	Sun	MN7L MN7L MN7L DE IMSK IMSK K 221 100 24 1515 3916 = 91892 40783 14341 ... 46394 37461 47184 =100= CFM NIL QRU? K	CW/FSK 50/500	(AB-POL)
M42b	8167	24-4	1534	Sun	IMSK IMSK IMSK DE MN7L MN7L K 409 100 23 1535 4674 = 57101 27372 65696 ... 80177 29+19 87947 =100= -1542 = CFM NIL K SK	CW/FSK 50/500	(AB-POL)
M42b	10556	25-4	0930	Mon	R 227 0931 K QTC1 ZCZ K 842 109 25 0900 7054 FM 56823 FOR 66937 = 91254 21365 84602 ... 76432 81709 25980 - 0934 K CFM NIL K SK	CW/FSK 50/500	(F5JBR)
M42b	5267	25-4	1130	Mon	IRWN wkg TOAM: QTC 2 ZTH ? K NW 413 30 K CFM NIL QRU ? K OK QRV K R 516 1134 K R 517 1136 K CFM NIL SK K	CW	(F5JBR)
M42b	5932	25-4	1130	Mon	TOAM wkg IRWN: QRU ? K QRV R 412 1132 K R413 1133 K QTC 2 ZTH QRV ? K NW = 516 100 K 517 30 K CFM NIL K SK	CW	(F5JBR)
M42b	8069	25-4	1200	Mon	Z6QG de N5OR (R4m) QTC BW NW = 871 030 25 1132 1472 = 67823 60810 12661 23582 38800 ...	CW	(F5JBR)
M42b	9281	25-4	1220	Mon	Z6QG de N5OR (R4m) QTC NW NW = 871 030 25 1132 1472 = 67823 60810 12661 23582 38800 ...	CW	(F5JBR)
M42b	6772	25-4	1433	Mon	K5LW wkg FI8R	CW	(F5JBR)
M42b	4903	25-4	1436	Mon	Net Controle wkg RGI: QRV QSL1 QSL2 QTC2 QSY 5885 K	CW	(F5JBR)
M42b	6793	25-4	1436	Mon	RGI: QSA 4 K QTC 2 K NW 11100 60102 00000 25356 00753 = 94568 51348 13269 64327 70168 67215 ...	CW	(F5JBR)
M42b	4903	25-4	1453	Mon	Net Controle wkg RGI: NW 11100 60102 00000 25474 00759 = 369045 ... K	CW	(F5JBR)
M42b	4903	25-4	1527	Mon	Net Controle wkg RGI: QSL2 K QTC2 QSY 5885 K NW = 11100 60102 00000 25476 000759 =	CW	(F5JBR)
M42b	6793	25-4	1527	Mon	RGI: QTC 2 QSY 4903 K NW 11100 00000 25358 00753 = 94568 51348 13269 64327 70168 67215 ... K	CW	(F5JBR)
M42b	7547	25-4	1535	Mon	MN7L MN7L MN7L DE IMSK IMSK K (repeated) QSA4 QSA? K BK QSA4 QSA? K OK SZZ K Nothing else heard	CW/FSK 50/500	(AB-POL)
M42b	8167	25-4	1535	Mon	IMSK IMSK IMSK DE MN7L MN7L K 678 100 25 1535 8737 = = 35692 74822 62820 ... 71686 21054 45678 =100= -1602= CFM NIL K	CW/FSK 50/500	(AB-POL)
M42b	6996	25-4	1709	Mon	KEVT wkg ZUDG: QSA2 QSA? K QSY 76341	CW	(F5JBR)
M42b	5738	25-4	1720	Mon	KEVT wkg ZUDG: QSA NO QSY 65025 QSA NO NIL SK	CW	(F5JBR)
M42b	13922	26-4	0757	Tue	WSJ8 wkg K9M1: QSA 4 QTC1 ZTH ? K 355 100 26 0800 1908 K CFM NIL QRU ? K QRV K R 171 0807 K NIL SK	CW	(F5JBR)
M42b	14456	26-4	0757	Tue	K9M1 wkg WSJ8: QSA4 K OK QRV K R355 0804 K QTC1 ZTH QRV ? K NW 171 100 26 0800 0102 K	CW	(F5JBR)
M42b	12212	26-4	1247	Tue	NT9P wkg K4MT: 793 115 26 1246 1746 = 93357 58355 08472 ... 30961 74008 -1255 CFM NIL SK	CW/FSK 50/500	(F5JBR)
M42b	7547	26-4	1535	Tue	MN7L MN7L MN7L DE IMSK IMSK K 100 26 1511 2538 = 41652 25677 65438 ... 03795 46345 11317 =100= CFM NIL	CW/FSK 50/500	(AB-POL)
M42b	8167	26-4	1535	Tue	IMSK IMSK IMSK DE MN7L MN7L K 594 100 26 1534 8710 message CFM NIL K SK	CW/FSK 50/500	(AB-POL)

M42b	5921	27-4	0555	Wed	SDAK wkg UOZG: QSA NO QSY36017 K QSY 38288 K QSO NA SK SK	CW	(F5JBR)
M42b	13922	27-4	0757	Wed	PRDN wkg FI17: QLO 20 K	CW	(F5JBR)
M42b	13902	27-4	0758	Wed	PRDN wkg FI17: QRV K R 415 0801 K QTC1 ZTH QRV ? K NW = 356 100 27 0800 7890 K CFM QRU ? K SK	CW	(F5JBR)
M42b	14456	27-4	0758	Wed	FI17 wkg PRDN: QTC1 ZTH QRV K ? NW = 415 100 27 0800 1821 K RPT QRV K R 356 0809 K QRU NIL SK	CW	(F5JBR)
M42b	5932	27-4	1131	Wed	TOAM wkg IRWN: QRU? K QRV R KR 424 1131 K R 425 30 1132 K QTC2 ZTH QRV? K NW = 528 100 K NW 529 30 K CFM NIL K SK	CW	(F5JBR)
M42b	5267	27-4	1133	Wed	IRWN wkg TOAM: QTC2 ZTH ? K NW 424 100 K NW 425 30 CFM NIL QRU ? K OK QRV K and R 528 1138 K R 529 1139 K CFM NIL SK K	CW	(F5JBR)
M42b	6772	27-4	1437	Wed	K5LW wkg FI8R: QSA NO QSY 43773 K	CW	(F5JBR)
M42b	4958	27-4	1440	Wed	OUGW wkg PRIL	CW	(F5JBR)
M42b	5426	27-4	1441	Wed	PRIL wkg UOGW	CW	(F5JBR)
M42b	4958	27-4	1449	Wed	OUGW wkg PRIL: QSA NO QSY 52991 K. QSA NO SK	CW	(F5JBR)
M42b	7547	27-4	1536	Wed	MN7L MN7L MN7L DE IMSK IMSK K 227 100 27 1512 9158 = 41652 25677 65438 ... 03795 46345 11317 =100= CFM NIL QRU? K	CW/FSK 50/500	(AB-POL)
M42b	8167	27-4	1536	Wed	IMSK IMSK IMSK DE MN7L MN7L K 712 100 27 1535 6988 08861 16201 54919 ... 02215 50085 01961 =100= -1544	CW/FSK 50/500	(AB-POL)
M42b	6996	27-4	1709	Wed	ZUDG de KEVT K 239 108 27 1650 8138 = 51210 48110 83839 ... 87557 94693 78764 -1720 CFM K QRU NIL SK	CW/FSK 50/500	(F5JBR)
M42b	5868	27-4	1720	Wed	KEVT de ZUDG K 201 100 27 170504673 = 96925 7AC29 32641 ... 49761 66978 CFM QRU ? K R 239 1720 K CFM K NIL SK	CW/FSK 50/500	(F5JBR)
M42b	7547	28-4	1534	Thu	MN7L MN7L MN7L DE IMSK IMSK K 229 100 28 1513 9582 = 91892 40783 11310 ... 46394 37461 48184 =100= CFM NIL QRU? K	CW/FSK 50/500	(AB-POL)
M42b	8167	28-4	1542	Thu	2481 105 28 1537 9107 = 41971 53590 43918 ... 766__8392 00012 -1545 = CFM NIL K	CW/FSK 50/500	(AB-POL)
M42b	7547	29-4	1535	Fri	MN7L MN7L MN7L DE IMSK IMSK K 231 100 29 1514 7926 = 41652 25677 65438 ... 03795 46345 11317 =100= CFM NIL QRU? K	CW/FSK 50/500	(AB-RUS)
M42b	8167	29-4	1535	Fri	IMSK IMSK IMSK DE MN7L MN7L K 6743 105 29 2535 8644 = 17671 83247 28223 ... 20657 62001 75897 -1542 = CFM NIL K	CW/FSK 50/500	(AB-RUS)
M42b	7547	30-4	1534	Sat	MN7L MN7L MN7L DE IMSK IMSK K 233 100 30 1525 4_73 = 41652 25677 65438 ... 03795 46345 11317 =100= CFM NIL K	CW/FSK 50/500	(AB-POL)
M42b	8167	30-4	1535	Sat	_39 100 30 1534 7373 = 35678 64222 89674 ... 59273 23632 12060 -1541 = CFM NIL SK	CW/FSK 50/500	(AB)
M51b	3881	30-4	0948	Sat	Non-stop 5-character groups composed of M51a messages //6825 kHz	CW	(AB)
M51b	6825	30-4	0948	Sat	Non-stop 5-character groups composed of M51a messages //3881 kHz	CW	(AB)
M89	4860	1-4	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	6840	1-4	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	6803	1-4	1124	Fri	i.p. 3A5N 5U5D = = 4T3U ...	CW	(JPL)
M89	3596	1-4	1127	Fri	V QYE2 (x3) DE 9WFFV (x2) //4888 and 8182	CW	(JPL)
M89	4888	1-4	1127	Fri	V QYE2 (x3) DE 9WFFV (x2) //3596 and 8182	CW	(JPL)
M89	5694	1-4	1127	Fri	(i.p. 6N75 D36A UNA5 6NN6 T67T N46A ...	CW	(JPL)
M89	8182	1-4	1127	Fri	V QYE2 (x3) DE 9WFFV (x2) //3596 and 4888	CW	(JPL)
M89	7517	7-4	1427	Thu	XP5B de S2DJ V //4178 kHz	CW	(F5JBR)
M89	5673	7-4	1630	Thu	CQ de DP91 V HR NIL SK GB	CW	(F5JBR)
M89	4620	7-4	1718	Thu	Q2M (x3) de NYZ (x2) VVV)	CW	(F5JBR)

M89	4178	7-4	1723	Thu	XP5B de S2DJ V //7517 kHz	CW	(F5JBR)
M89	3596	8-4	1230	Fri	V QYE2 (x3) DE 9WV (x2) //4888	CW	(JPL)
M89	4888	8-4	1230	Fri	V QYE2 (x3) DE 9WV (x2) //3596	CW	(JPL)
M89	4620	11-4	1524	Mon	Q2M (x3) de NYZ (x2) VVV and QSA ? K	CW	(F5JBR)
M89	3455	12-4	1538	Tue	i.p. R RPT 1P 192 K R HR QSL 2340 K R MSG NR 203. CK 122 .2 0412 2230 RMKS 2268 TO .333 K R 1P 01W BT N44T 5D45 DNDU ...	CW	(JPL)
M89	3596	12-4	1544	Tue	V QYE2 (x3) DE 9WV (x2)	CW	(JPL)
M89	4860	12-4	1620	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	6840	12-4	1620	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	5673	12-4	1629	Tue	CQ (X3) DE DP91 (x2) V HR NIL SK GB (x4)	CW	(JPL)
M89	4078	12-4	1632	Tue	i.p. 5DT7 N7TA 73TU 5UU5 56UD ...	CW	(JPL)
M89	4034	12-4	1633	Tue	V MJO5 (x3) DE LK9M (x2)	CW	(JPL)
M89	4108	12-4	1649	Tue	i.p. TT3N N7A6 3475 7465 45NA TD7A A6D6 ...	CW	(JPL)
M89	4034	12-4	1652	Tue	i.p. 0/0215/206//8914 AR V MJO5 (x3) DE LK9M (x2)	CW	(JPL)
M89	12023	13-4	0851	Wed	i.p. RMKS 8514 TO 8347 TO 8657 TO Z474 K R HR MSG 1P 1W GA =	CW	(JPL)
M89	10088	13-4	0857	Wed	i.p. ND4U T73U AN3N 4545 67AN ...	CW	(JPL)
M89	6824	13-4	0933	Wed	V QYE2 (x3) DE 9WV (x2) //8182	CW	(JPL)
M89	8182	13-4	0933	Wed	V QYE2 (x3) DE 9WV (x2) //6824	CW	(JPL)
M89	4860	16-4	1622	Sat	Q2M de NYZ VVV	CW	(F5JBR)
M89	4860	16-4	1720	Sat	Q2M de NYZ VVV	CW	(F5JBR)
M89	6840	16-4	1720	Sat	Q2M de NYZ VVV	CW	(F5JBR)
M89	4860	18-4	1623	Mon	Q2M de NYZ VVV QSA ? K	CW	(F5JBR)
M89	12039	20-4	0920	Wed	XP5B de S2DJ V	CW	(F5JBR)
M89	7517	20-4	1618	Wed	XP5B de S2DJ V	CW	(F5JBR)
M89	4860	20-4	1620	Wed	Q2M de NYZ VVV	CW	(F5JBR)
M89	6840	20-4	1620	Wed	Q2M de NYZ VVV	CW	(F5JBR)
M89	4178	20-4	1800	Wed	XP5B de S2DJ V	CW	(F5JBR)
M89	8358	26-4	1742	Tue	8815 wkg QLS6: QSA2 K = 9161 AR K R QSL 0140 K HR NR 34 K HR WK NR 34	CW	(F5JBR)
M89	6824	28-4	0629	Thu	V QYE2 (x3) DE 9WV (x2) //8182	CW	(JPL)
M89	8182	28-4	0629	Thu	V QYE2 (x3) DE 9WV (x2) //6824	CW	(JPL)
M89	4860	28-4	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	6840	28-4	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	3596	28-4	1126	Thu	V QYE2 (x3) DE 9WV (x2) //4888	CW	(JPL)
M89	4888	28-4	1126	Thu	V QYE2 (x3) DE 9WV (x2) //3596	CW	(JPL)
M89	3322	28-4	1742	Thu	i.p. HR MSG GA K R GA R MSG NR 048 CK 199 36 0429 0020 RMKS 4325 TO 4268 = AR QSL ? K	CW	(JPL)
M89	5505	28-4	1822	Thu	i.p. 3A74 D637 3NT5 DTUN AT75 6N3U ...	CW	(JPL)
M95	9054	1-4	1149	Fri	VVV HR MSG TO YR PSE CY NR 071 CK 45 35 0401 1513 =	CW	(JPL)
M95	7517	4-4	1428	Mon	XP5B de S2DJ V	CW	(F5JBR)
M95	7536	8-4	1234	Fri	7G GA = 7G GA NR ... /CCK CK 41 58 0408 2040 RMKS 53U6TO56W05586 540. 5584 5699 4642 53.. =	CW	(JPL)
M95	4178	8-4	1240	Fri	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
M95	7517	8-4	1240	Fri	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)
M95	7517	11-4	1522	Mon	XP5B de S2DJ V	CW	(F5JBR)

M95	5178	12-4	1525	Tue	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
M95	7517	12-4	1525	Tue	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)
M95	5560	12-4	1613	Tue	i.p. H7UN 75NA6D5757UN57UN 5 05 A U M 775 7UN 75NA 6D57 57UN 5DA6 A755 57UN 75NA 6 H0 5 5 05 05	CW	(JPL)
M95	7553	13-4	0936	Wed	4TU UT3 TA3 3U6 TT4 773 3AD 353 U46 ... II U46 353 4T3 447 46D 4D6 75D ... AHR MSG GA //9153	CW	(JPL)
M95	9153	13-4	0936	Wed	4TU UT3 TA3 3U6 TT4 773 3AD 353 U46 ... II U46 353 4T3 447 46D 4D6 75D ... AHR MSG GA //7553	CW	(JPL)
M95	4178	16-4	1642	Sat	XP5B de S2DJ V	CW	(F5JBR)
M95	7517	16-4	1642	Sat	XP5B de S2DJ V	CW	(F5JBR)
M95	12039	18-4	1125	Mon	XP5B de S2DJ V	CW	(F5JBR)
M95	12039	22-4	0908	Fri	XP5B de S2DJ V	CW	(F5JBR)
M95	11230	22-4	1108	Fri	XP5B de S2DJ V	CW	(F5JBR)
M95	12039	22-4	1108	Fri	XP5B de S2DJ V	CW	(F5JBR)
M95	12039	24-4	1143	Sun	XP5B de S2DJ V	CW	(F5JBR)
M95	12039	27-4	0933	Wed	XP5B de S2DJ V	CW	(F5JBR)
M95	12039	28-4	0547	Thu	V XP5B (x3) DE S2DJ (x2)	CW	(JPL)
M95	4364	28-4	1137	Thu	V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY NR 0323 CK 300 35 0428 1549 = ... //8073	CW	(JPL)
M95	8073	28-4	1137	Thu	V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY NR 0323 CK 300 35 0428 1549 = ... //4364	CW	(JPL)
M95	4243	28-4	1149	Thu	VVV HR MSG TO YR PSE CY NR 026 CK 5. 35 0428 1533 = ...	CW	(JPL)
MX	9366.3	5-4	0111	Tue	Beacon P	CW	(AB)
MX	16331.7	7-4	1350	Thu	Beacon D, Sevastopol	CW	(MPJ)
MX	10872.2	14-4	0607	Thu	Beacon F, Vladivostok	CW	(AB-J)
MX	10872.4	14-4	0607	Thu	Beacon M, Magadan	CW	(AB-J)
MX	16332.4	14-4	0607	Thu	Beacon M, Magadan	CW	(AB-J)
MX	7039.4	14-4	0609	Thu	Beacon M, Magadan	CW	(AB-J)
MX	8495.2	14-4	0610	Thu	Beacon F, Vladivostok	CW	(AB-J)
MX	8495.4	14-4	0610	Thu	Beacon M, Magadan	CW	(AB-J)
MX	16331.7	21-4	1042	Thu	Beacon D, Sevastopol	CW	(MPJ)
MX	10871.8	26-4	1330	Tue	Beacon P, Kaliningrad	CW	(AB)
MX	16331.7	30-4	1422	Sat	Beacon D, Sevastopol	CW	(MPJ)
MX	16331.9	30-4	1423	Sat	Beacon S, Severomorsk	CW	(MPJ)
P03	6940	1-4	1935	Fri	Polish intel.	PSK	(AB)
P03	6940	1-4	1940	Fri	Polish intel.	PSK	(AB)
P03	6940	2-4	1935	Sat	Polish intel.	PSK	(AB)
P03	6940	2-4	1940	Sat	Polish intel.	PSK	(AB)
P03	6940	3-4	1935	Sun	Polish intel.	PSK	(AB)
P03	6940	3-4	1940	Sun	Polish intel.	PSK	(AB)
P03	6940	4-4	1935	Mon	Polish intel.	PSK	(AB)
P03	6940	4-4	1940	Mon	Polish intel.	PSK	(AB)
P03	6940	5-4	1935	Tue	Polish intel.	PSK	(AB)
P03	6940	5-4	1940	Tue	Polish intel.	PSK	(AB)
P03	6940	6-4	1935	Wed	Polish intel.	PSK	(AB)
P03	6940	6-4	1940	Wed	Polish intel.	PSK	(AB)

P03	6940	7-4	1935	Thu	Polish intel.	PSK	(AB)
P03	6940	7-4	1940	Thu	Polish intel.	PSK	(AB)
P03	6940	8-4	1935	Fri	Polish intel.	PSK	(AB)
P03	6940	8-4	1940	Fri	Polish intel.	PSK	(AB)
P03	6940	9-4	1935	Sat	Polish intel.	PSK	(AB)
P03	6940	9-4	1940	Sat	Polish intel.	PSK	(AB)
P03	6940	10-4	1935	Sun	Polish intel.	PSK	(AB)
P03	6940	10-4	1940	Sun	Polish intel.	PSK	(AB)
P03	6940	11-4	1935	Mon	Polish intel.	PSK	(AB)
P03	6940	11-4	1940	Mon	Polish intel.	PSK	(AB)
P03	6940	12-4	1935	Tue	Polish intel.	PSK	(AB)
P03	6940	12-4	1935	Tue	Polish intel.	PSK	(AB)
P03	6940	12-4	1940	Tue	Polish intel.	PSK	(AB)
P03	6940	12-4	1940	Tue	Polish intel.	PSK	(AB)
P03	6940	13-4	1935	Wed	Polish intel.	PSK	(AB)
P03	6940	13-4	1940	Wed	Polish intel.	PSK	(AB)
P03	6940	14-4	1935	Thu	Polish intel.	PSK	(AB)
P03	6940	14-4	1940	Thu	Polish intel.	PSK	(AB)
P03	6940	15-4	1935	Fri	Polish intel.	PSK	(AB)
P03	6940	15-4	1940	Fri	Polish intel.	PSK	(AB)
P03	6940	16-4	1935	Sat	Polish intel.	PSK	(AB)
P03	6940	16-4	1940	Sat	Polish intel.	PSK	(AB)
P03	6940	17-4	1935	Sun	Polish intel.	PSK	(AB)
P03	6940	17-4	1940	Sun	Polish intel.	PSK	(AB)
P03	6940	18-4	1935	Mon	Polish intel.	PSK	(AB)
P03	6940	18-4	1940	Mon	Polish intel.	PSK	(AB)
P03	6940	19-4	1935	Tue	Polish intel.	PSK	(AB)
P03	6940	19-4	1940	Tue	Polish intel.	PSK	(AB)
P03	6940	20-4	1935	Wed	Polish intel.	PSK	(AB)
P03	6940	20-4	1940	Wed	Polish intel.	PSK	(AB)
P03	6940	21-4	1935	Thu	Polish intel.	PSK	(AB)
P03	6940	21-4	1940	Thu	Polish intel.	PSK	(AB)
P03	6940	22-4	1935	Fri	Polish intel.	PSK	(AB)
P03	6940	22-4	1940	Fri	Polish intel.	PSK	(AB)
P03	6940	23-4	1935	Sat	Polish intel.	PSK	(AB)
P03	6940	23-4	1940	Sat	Polish intel.	PSK	(AB)
P03	6940	24-4	1935	Sun	Polish intel.	PSK	(AB)
P03	6940	24-4	1940	Sun	Polish intel.	PSK	(AB)
P03	6940	25-4	1935	Mon	Polish intel.	PSK	(AB)
P03	6940	25-4	1940	Mon	Polish intel.	PSK	(AB)
P03	6940	26-4	1935	Tue	Polish intel.	PSK	(AB)
P03	6940	26-4	1940	Tue	Polish intel.	PSK	(AB)

P03	6940	27-4	1935	Wed	Polish intel.	PSK	(AB)
P03	6940	27-4	1940	Wed	Polish intel.	PSK	(AB)
P03	6940	28-4	1935	Thu	Polish intel.	PSK	(AB)
P03	6940	28-4	1940	Thu	Polish intel.	PSK	(AB)
P03	6940	29-4	1935	Fri	Polish intel.	PSK	(AB)
P03	6940	29-4	1940	Fri	Polish intel.	PSK	(AB)
P03	6940	30-4	1935	Sat	Polish intel.	PSK	(AB)
P03	6940	30-4	1940	Sat	Polish intel.	PSK	(AB)
P03e	14972	1-4	1515	Fri	Polish intel.	QPSK 100Bd/488bp	(AB-POL/MPJ)
P03e	14972	1-4	1520	Fri	Polish intel.	QPSK 100Bd/488bp	(AB-POL/MPJ)
P03e	14972	3-4	1515	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	3-4	1520	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5409	3-4	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5409	3-4	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	4-4	0530	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	4-4	0535	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	5409	5-4	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5409	5-4	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	6-4	0530	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	6-4	0535	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	14972	8-4	1515	Fri	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	14972	8-4	1520	Fri	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	14972	10-4	1515	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	10-4	1520	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5409	10-4	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5409	10-4	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	11-4	0530	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	11-4	0535	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	5409	12-4	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5409	12-4	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	13-4	0530	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	13-4	0535	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	14972	15-4	1515	Fri	Polish intel.	QPSK 100Bd/488bp	(AB-POL/MPJ)
P03e	14972	15-4	1520	Fri	Polish intel.	QPSK 100Bd/488bp	(AB-POL/MPJ)
P03e	14972	17-4	1515	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	17-4	1520	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5409	17-4	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5409	17-4	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	18-4	0530	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	18-4	0535	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	5409	19-4	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5409	19-4	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)

P03e	13911	20-4	0530	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	20-4	0535	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14972	22-4	1515	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14972	22-4	1520	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14972	24-4	1515	Sun	Polish intel.	QPSK 100Bd/488bp	(MPJ)
P03e	14972	24-4	1520	Sun	Polish intel.	QPSK 100Bd/488bp	(MPJ)
P03e	5409	24-4	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5409	24-4	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	25-4	0530	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	25-4	0535	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	5409	26-4	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5409	26-4	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	27-4	0530	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	27-4	0535	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14972	29-4	1515	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	29-4	1520	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03g	7840	5-4	1800	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	5-4	1805	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	7-4	1800	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	7-4	1805	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	12-4	1800	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	12-4	1805	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	14-4	1800	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	14-4	1805	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	19-4	1800	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	19-4	1805	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	21-4	1800	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	21-4	1805	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	26-4	1800	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	26-4	1805	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	28-4	1800	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	28-4	1805	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03k	8180	1-4	1100	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	8180	1-4	1105	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5082	2-4	1200	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5082	2-4	1205	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	15795	2-4	1230	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	15795	2-4	1235	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	10213	2-4	1310	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10213	2-4	1315	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9200	3-4	0530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	3-4	0535	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	7600	3-4	0630	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7600	3-4	0635	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8180	3-4	1100	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8180	3-4	1105	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	3-4	1200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	3-4	1205	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8544	3-4	1220	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8544	3-4	1225	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	3-4	1950	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	3-4	1955	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8544	4-4	1220	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8544	4-4	1225	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10213	6-4	1310	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10213	6-4	1315	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	7-4	1950	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	7-4	1955	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	8-4	0530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	8-4	0535	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8180	8-4	1100	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8180	8-4	1105	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7600	9-4	0630	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7600	9-4	0635	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	9-4	1200	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5082	9-4	1205	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	15795	9-4	1230	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	15795	9-4	1235	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	10213	9-4	1310	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10213	9-4	1315	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9200	10-4	0530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	10-4	0535	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7600	10-4	0630	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7600	10-4	0635	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8180	10-4	1100	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	8180	10-4	1105	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5082	10-4	1200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ-POL)
P03k	5082	10-4	1205	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ-POL)
P03k	8544	10-4	1220	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	8544	10-4	1225	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	10-4	1950	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	10-4	1955	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8544	11-4	1220	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	8544	11-4	1225	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)

P03k	15795	12-4	1230	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	15795	12-4	1235	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10213	13-4	1310	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10213	13-4	1315	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	14-4	1950	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	14-4	1955	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	15-4	0530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	15-4	0535	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8180	15-4	1100	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8180	15-4	1105	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7600	16-4	0630	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7600	16-4	0635	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	16-4	1200	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5082	16-4	1205	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	15795	16-4	1230	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	15795	16-4	1235	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	10213	16-4	1310	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10213	16-4	1315	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9200	17-4	0530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	17-4	0535	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7600	17-4	0630	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7600	17-4	0635	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8180	17-4	1100	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	8180	17-4	1105	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	5082	17-4	1200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	5082	17-4	1205	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	8544	17-4	1220	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	8544	17-4	1225	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	5371	17-4	1950	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	17-4	1955	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8544	18-4	1220	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8544	18-4	1225	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15795	19-4	1230	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15795	19-4	1235	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10213	20-4	1310	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10213	20-4	1315	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	21-4	1950	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	21-4	1955	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	22-4	0530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	22-4	0535	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8180	22-4	1100	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	8180	22-4	1105	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)

P03k	7600	23-4	0630	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7600	23-4	0635	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	23-4	1200	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	23-4	1205	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10213	23-4	1310	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10213	23-4	1315	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	24-4	0530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	24-4	0535	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7600	24-4	0630	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7600	24-4	0635	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8180	24-4	1100	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	8180	24-4	1105	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	5082	24-4	1200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ-POL)
P03k	5082	24-4	1205	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ-POL)
P03k	8544	24-4	1220	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	8544	24-4	1225	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	24-4	1950	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	24-4	1955	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8544	25-4	1220	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8544	25-4	1225	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15795	26-4	1230	Tue	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	15795	26-4	1235	Tue	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	10213	27-4	1310	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10213	27-4	1315	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	28-4	1950	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	28-4	1955	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	29-4	0530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	29-4	0535	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8180	29-4	1100	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8180	29-4	1105	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7600	30-4	0630	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7600	30-4	0635	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	30-4	1200	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5082	30-4	1205	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	15795	30-4	1230	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	15795	30-4	1235	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	10213	30-4	1310	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10213	30-4	1315	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03I	7984	1-4	1345	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	1-4	1350	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	2-4	1245	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	2-4	1250	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)

P03I	5344	2-4	1800	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ-HNG)
P03I	5344	2-4	1805	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ-HNG)
P03I	5344	3-4	1245	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	3-4	1250	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	4-4	1200	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	4-4	1205	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	6-4	1345	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	6-4	1350	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	6-4	1800	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	6-4	1805	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	7-4	1200	Thu	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ-HNG)
P03I	4909	7-4	1205	Thu	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ-HNG)
P03I	7984	8-4	1345	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	8-4	1350	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	9-4	1245	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	9-4	1250	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	9-4	1800	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	9-4	1805	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	10-4	1245	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	10-4	1250	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	11-4	1200	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	4909	11-4	1205	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	7984	13-4	1345	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	7984	13-4	1350	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	13-4	1800	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	13-4	1805	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	4909	14-4	1200	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	14-4	1205	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	15-4	1345	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	7984	15-4	1350	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	16-4	1245	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	16-4	1250	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	16-4	1800	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	16-4	1805	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	17-4	1245	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	17-4	1250	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	18-4	1200	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	4909	18-4	1205	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	7984	20-4	1345	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	7984	20-4	1350	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	20-4	1800	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	20-4	1805	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)

P03I	4909	21-4	1200	Thu	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	4909	21-4	1205	Thu	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	7984	22-4	1345	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	7984	22-4	1350	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	23-4	1245	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	23-4	1250	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	23-4	1800	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	23-4	1805	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	24-4	1245	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	24-4	1250	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	25-4	1200	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	4909	25-4	1205	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	7984	27-4	1345	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	27-4	1350	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	27-4	1800	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	27-4	1805	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	28-4	1200	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	4909	28-4	1205	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	7984	29-4	1345	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	29-4	1350	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	30-4	1245	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	30-4	1250	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	30-4	1800	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	30-4	1805	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
Q26	9054	1-4	1142	Fri	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	28-4	1132	Thu	XSV85: messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	28-4	1132	Thu	XSV85: messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	28-4	1142	Thu	Messages	4+4 QPSK 75/3000 LSB	(JPL)
RMv	5045	4-4	1412	Mon	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 4124. 16 chasov 15 minut konec svyazi	USB	(AB-POL)
RMv	5045	5-4	1411	Tue	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 6593. 16 chasov 15 minut konec svyazi	USB	(AB-POL)
RMv	5045	6-4	1411	Wed	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 1523. 16 chasov 15 minut konec svyazi	USB	(AB-POL)
RMv	5045	7-4	1412	Thu	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3454. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
RMv	5045	11-4	1411	Mon	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 2167. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
RMv	5045	12-4	1411	Tue	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3159. 16 chasov 15 minut konec svyazi	USB	(AB-POL)
RMv	5045	13-4	1411	Wed	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 5543. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
RMv	5045	14-4	1410	Thu	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 9847. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
RMv	5045	19-4	1412	Tue	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 8752. 16 chasov 15 minut konec svyazi	USB	(AB-POL)
RMv	5045	20-4	1411	Wed	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 7582. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
RMv	5045	21-4	1410	Thu	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 4729. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
RMv	5045	25-4	1410	Mon	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 5347. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
RMv	5045	26-4	1411	Tue	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3465. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
RMv	5045	27-4	1414	Wed	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 9362. 16 chasov 15 minut konec svyazi	USB	(AB-POL)

RMv	5045	28-4	1412	Thu	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 7257. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
S06	19078	1-4	0830	Fri	842 153 46 53788 92527 03120 ... 67190 41843 35619 153 46 00000	USB	(PY/HFD-KWT)
S06	19078	1-4	0830	Fri	842 153 46 53788 92527 03120 ... 67190 41843 35619 153 46 00000	USB	(PY)
S06	16318	1-4	0930	Fri	842 153 46 53788 92527 03120 ... 67190 41843 35619 153 46 00000	USB	(PY)
S06	16318	1-4	0930	Fri	842 153 46 53788 92527 03120 ... 67190 41843 35619 153 46 00000	USB	(PY/HFD-KWT)
S06	9268	1-4	1900	Fri	319 319 319 00000	USB	(AB)
S06	6775	1-4	2000	Fri	319 319 319 00000	USB	(AB)
S06	11487	2-4	1300	Sat	480 793 41 67421 97700 61483 ... 87099 87476 80378 793 41 00000	USB	(AB/MPJ/HFD)
S06	9412	2-4	1330	Sat	480 793 41 67421 97700 61483 ... 87099 87476 80378 793 41 00000	USB	(AB/MP/HFD-J)
S06	13945	3-4	0930	Sun	480 793 41 67421 97700 61483 ... 87099 87476 80378 793 41 00000	USB	(AB/HFD)
S06	11128	3-4	1000	Sun	480 793 41 67421 97700 61483 ... 87099 87476 80378 793 41 00000	USB	(AB/HFD)
S06	19078	7-4	0830	Thu	842 690 47 39519 54633 83531 ... 27409 85009 78428 690 47 00000	USB	(PY)
S06	16318	7-4	0930	Thu	842 690 47 39519 54633 83531 ... 27409 85009 78428 690 47 00000	USB	(PY)
S06	19078	8-4	0830	Fri	842 690 47 39519 54633 83531 ... 27409 85009 78428 690 47 00000	USB	(AB-RUS)
S06	19078	8-4	0830	Fri	842 690 47 39519 54633 83531 ... 27409 85009 78428 690 47 00000	USB	(PY)
S06	16318	8-4	0930	Fri	842 690 47 39519 54633 83531 ... 27409 85009 78428 690 47 00000	USB	(AB-RUS)
S06	16318	8-4	0930	Fri	842 690 47 39519 54633 83531 ... 27409 85009 78428 690 47 00000	USB	(PY)
S06	11487	9-4	1300	Sat	480 651 42 73746 95785 34200 ... 43254 06973 93248 651 42 00000	USB	(AB/MPJ)
S06	9412	9-4	1330	Sat	480 651 42 73746 95785 34200 ... 43254 06973 93248 651 42 00000	USB	(AB/MPJ)
S06	13945	10-4	0930	Sun	480 651 42 73746 95785 34200 ... 43254 06973 93248 651 42 00000	USB	(AB)
S06	11128	10-4	1000	Sun	480 651 42 73746 95785 34200 ... 43254 06973 93248 651 42 00000	USB	(AB-POL)
S06	19078	14-4	0830	Thu	842 351 48 99037 78405 33911 ... 21947 13728 96262 351 48 00000	USB	(PY)
S06	16318	14-4	0930	Thu	842 351 48 99037 78405 33911 ... 21947 13728 96262 351 48 00000	USB	(PY)
S06	19078	15-4	0830	Fri	842 351 48 99037 78405 33911 ... 21947 13728 96262 351 48 00000	USB	(PY)
S06	16318	15-4	0930	Fri	842 351 48 99037 78405 33911 ... 21947 13728 96262 351 48 00000	USB	(PY)
S06	9268	15-4	1900	Fri	319 319 319 00000	USB	(AB)
S06	6775	15-4	2000	Fri	319 319 319 00000	USB	(AB)
S06	11487	16-4	1300	Sat	480 729 43 99625 71339 69531 ... 02521 55044 77254 729 43 00000	USB	(AB/MPJ)
S06	9412	16-4	1330	Sat	480 729 43 99625 71339 69531 ... 02521 55044 77254 729 43 00000	USB	(AB/MPJ)
S06	13945	17-4	0930	Sun	480 729 43 99625 71339 69531 ... 02521 55044 77254 729 43 00000	USB	(AB)
S06	11128	17-4	1000	Sun	480 729 43 99625 71339 69531 ... 02521 55044 77254 729 43 00000	USB	(AB-POL)
S06	19078	21-4	0830	Thu	842 760 49 36739 15339 65890 ... 23531 17473 82339 760 49 00000	USB	(PY)
S06	16318	21-4	0930	Thu	842 760 49 36739 15339 65890 ... 23531 17473 82339 760 49 00000	USB	(PY)
S06	19078	22-4	0830	Fri	842 760 49 36739 15339 65890 ... 23531 17473 82339 760 49 00000	USB	(PY)
S06	16318	22-4	0930	Fri	842 760 49 36739 15339 65890 ... 23531 17473 82339 760 49 00000	USB	(PY)
S06	11487	23-4	1300	Sat	480 153 44 61188 95389 50048 ... 96640 58228 64164 153 44 00000	USB	(AB)
S06	9412	23-4	1330	Sat	480 153 44 61188 95389 50048 ... 96640 58228 64164 153 44 00000	USB	(AB)
S06	13945	24-4	0930	Sun	480 153 44 61188 95389 50048 ... 96640 58228 64164 153 44 00000	USB	(AB)
S06	11128	24-4	1000	Sun	480 153 44 61188 95389 50048 ... 96640 58228 64164 153 44 00000	USB	(AB-POL)
S06	19078	28-4	0830	Thu	842 139 50 83401 20553 25959 ... 08559 56715 46217 139 50 00000	USB	(PY)
S06	16318	28-4	0930	Thu	842 139 50 83401 20553 25959 ... 08559 56715 46217 139 50 00000	USB	(PY)
S06	19078	29-4	0830	Fri	842 139 50 83401 20553 25959 ... 08559 56715 46217 139 50 00000	USB	(PY)

S06	16318	29-4	0930	Fri	842 139 50 83401 20553 25959 ... 08559 56715 46217 139 50 00000	USB	(PY)
S06	11487	30-4	1300	Sat	480 926 41 77479 03752 62892 95901 ... 01994 73310 61447 926 41 00000	USB	(AB)
S06	9412	30-4	1330	Sat	480 926 41 77479 03752 62892 95901 ... 01994 73310 61447 926 41 00000	USB	(AB)
S11a	6480	1-4	0915	Fri	487/00	USB	(AB)
S11a	6797	1-4	1400	Fri	429/00	USB	(AB/MPJ)
S11a	6433	2-4	0830	Sat	372/00	USB	(AB)
S11a	10213	2-4	1850	Sat	281/00	USB	(AB)
S11a	6433	3-4	0830	Sun	370/00	USB	(AB)
S11a	11116	4-4	0510	Mon	654/00	USB	(AB-POL)
S11a	8597	4-4	0700	Mon	472/00	USB	(AB)
S11a	6480	4-4	0915	Mon	480/00	USB	(AB)
S11a	14769	5-4	0500	Tue	384/00	USB	(AB-RUS)
S11a	6797	5-4	1400	Tue	420/00	USB	(AB/MPJ-HNG)
S11a	11116	6-4	0510	Wed	654/00	USB	(AB)
S11a	10213	6-4	1850	Wed	285/00	USB	(AB)
S11a	14769	7-4	0500	Thu	381/00	USB	(AB-POL)
S11a	8597	7-4	0700	Thu	470/00	USB	(AB)
S11a	6480	8-4	0915	Fri	486/00	USB	(AB)
S11a	6797	8-4	1400	Fri	422/00	USB	(AB)
S11a	6433	9-4	0830	Sat	370/00	USB	(AB)
S11a	10213	9-4	1850	Sat	288/00	USB	(AB)
S11a	6433	10-4	0830	Sun	373/00	USB	(AB)
S11a	11116	11-4	0510	Mon	652/00	USB	(AB-POL/HFD)
S11a	8597	11-4	0700	Mon	476/31 Vnimanije 32474 12367 28888 ... 75195 66974 27041 Vnimanije (message repeated) Konets	USB	(AB)
S11a	6480	11-4	0915	Mon	484/00	USB	(AB)
S11a	14769	12-4	0500	Tue	384/00	USB	(AB-POL/HFD)
S11a	6797	12-4	1400	Tue	424/00	USB	(AB/MPJ)
S11a	11116	13-4	0510	Wed	655/00	USB	(AB)
S11a	10213	13-4	1850	Wed	280/00	USB	(AB)
S11a	14769	14-4	0500	Thu	380/00	USB	(AB-POL)
S11a	8597	14-4	0700	Thu	476/31 Vnimanije 32474 12367 28888 ... 75195 66974 27041 Vnimanije (message repeated) Konets	USB	(AB)
S11a	6480	15-4	0915	Fri	482/00	USB	(AB)
S11a	6797	15-4	1400	Fri	420/00	USB	(AB/MPJ-POL)
S11a	6433	16-4	0830	Sat	372/00	USB	(AB)
S11a	10213	16-4	1850	Sat	280/00	USB	(AB)
S11a	6433	17-4	0830	Sun	370/00	USB	(AB)
S11a	11116	18-4	0510	Mon	650/00	USB	(AB-POL)
S11a	8597	18-4	0700	Mon	478/00	USB	(AB/F5JBR)
S11a	6480	18-4	0915	Mon	485/38 Vnimanije 79158 29023 33956 ... 78485 07134 55287 Vnimanije (message repeated) Konets	USB	(AB)
S11a	14769	19-4	0500	Tue	389/36 Vnimanije 09181 54999 59741 ... 33814 58412 27361 Vnimanije (message repeated) Out	USB	(AB-POL)
S11a	6797	19-4	1400	Tue	421/00	USB	(AB)
S11a	11116	20-4	0510	Wed	651/00	USB	(AB-POL)

S11a	10213	20-4	1850	Wed	288/00	USB	(AB)
S11a	8597	21-4	0700	Thu	477/00	USB	(AB)
S11a	6480	22-4	0915	Fri	485/38 Vnimanije 79158 29023 33956 ... 78485 07134 55287 Vnimanije (message repeated) Konets	USB	(AB)
S11a	6797	22-4	1400	Fri	420/00	USB	(AB/MPJ)
S11a	6433	23-4	0830	Sat	378/34 Vnimanije 46183 47135 67745 ... 17331 66677 07149 Vnimanije (message repeated) Konets	USB	(AB)
S11a	10213	23-4	1850	Sat	281/00	USB	(AB)
S11a	6433	24-4	0830	Sun	378/34 Vnimanije 46183 47135 67745 ... 17331 66677 07149 Vnimanije (message repeated) Konets	USB	(AB)
S11a	11116	25-4	0510	Mon	650/34 Vnimanije 98251 75437 50428 ... 10747 07787 83114 Vnimanije (message repeated) Konets	USB	(AB-POL)
S11a	8597	25-4	0700	Mon	478/00	USB	(AB)
S11a	6480	25-4	0915	Mon	486/00	USB	(AB/F5JBR)
S11a	14769	26-4	0500	Tue	384/00	USB	(AB-POL)
S11a	6797	26-4	1400	Tue	421/38 Vnimanije 39623 68678 32093 ... 85861 45010 40741 Vnimanije (message repeated) Konets	USB	(AB)
S11a	11116	27-4	0510	Wed	650/34 Vnimanije 98251 75437 50428 ... 10747 07787 83114 Vnimanije (message repeated) Konets	USB	(AB-POL)
S11a	10213	27-4	1850	Wed	280/34 Vnimanije 84804 78971 00933 ... 46163 03870 44753 Vnimanije (message repeated) Konets	USB	(AB)
S11a	14769	28-4	0500	Thu	487/00	USB	(AB-RUS)
S11a	8597	28-4	0700	Thu	477/00	USB	(AB)
S11a	6480	29-4	0915	Fri	487/00	USB	(AB)
S11a	6797	29-4	1400	Fri	421/38 Vnimanije 39623 68678 32093 ... 85861 45010 40741 Vnimanije (message repeated) Konets	USB	(AB/MPJ-HOL)
S11a	6433	30-4	0830	Sat	376/00	USB	(AB)
S11a	10213	30-4	1850	Sat	280/34 Vnimanije 84804 78971 00933 ... 46163 03870 44753 Vnimanije (message repeated) Konets	USB	(AB)
S32	3363	2-4	2047	Sat	Squeaky Wheel: Russian military channel marker	USB	(AB)
UM04	4735	1-4	0700	Fri	VVVVV PROMRÖ = 01 04 = 1000 0760 0800 0940 1400 ... 0800 0650 0690 0830 1230 = AR	USB	(AB-HNG)
UM04	4735	8-4	0700	Fri	VVV VVV PROMRÖ = 08 04 = 1000 0770 0810 0940 1340 ... 0800 0660 0700 0840 1220 = AR	USB	(AB-HNG)
UM04	4735	11-4	0700	Mon	VVVVV PROMRÖ = 11 04 = 1000 0780 0820 0950 1340 ... 0800 0660 0700 0840 1220 = AR	CW	(AB-GRC)
UM04	4735	12-4	0700	Tue	VVV VVV PROMRÖ = 1204 = 1000 0780 0820 0950 1340 ... 0800 0660 0700 0840 1210 = AR	CW	(AB-GRC)
UM04	4735	15-4	0700	Fri	VVVVV PROMRÖ = 15 04 = 1000 0780 0820 0940 1320 ... 0800 0660 0700 0830 1200 = AR	USB	(AB-ROU)
UM04	4735	16-4	0700	Sat	VVVVV PROMRÖ = 16 04 = 1000 0780 0810 0940 1320 ... 0800 0660 0690 0820 0800 = AR	CW	(AB-HNG)
UM04	4735	18-4	0700	Mon	VVVVV PROMRÖ =18 04= 1000 0770 0800 0930 1310 ... 0800 0650 0680 0810 1160 = AR	CW	(AB-ROU)
UM04	4735	19-4	0700	Tue	VVV VVV PROMRÖ = 19 04 = 1000 0760 0800 0920 1290 ... 0800 0640 0680 0800 10__ = AR (very weak, partly unreadable)	CW	(AB-GRC)
UM04	4735	20-4	0700	Wed	VVVVV PROMRÖ = 20 04 = 1000 0760 0790 0910 1280 ... 0800 0630 0670 0790 1140 = AR	CW	(AB-AUT)
UM04	4735	22-4	0700	Fri	VVVVV PROMRÖ = 22 04 = 1000 0750 0780 0900 1260 ... 0800 0630 0660 0780 1130 = AR	USB	(AB-ROU)
UM04	4735	23-4	0700	Sat	VVV VVV PROMRÖ = 23 04 = 1000 0750 0790 0910 1270 ... 0800 0630 0670 0780 1130 = AR	CW	(AB-ROU)
UM04	4735	26-4	0700	Tue	VVVVV PROMRÖ = 26 04 = 1000 0770 0800 0920 1290 ... 0800 0650 0680 0800 1150 = AR	CW	(AB-GRC)
UM04	4735	29-4	0700	Fri	VVVVV PROMRÖ = 29 04 = 1000 0790 0820 0940 1310 ... 0800 0660 0700 0820 1180 = AR	USB	(AB-GRC)
UM04	4735	30-4	0700	Sat	VVVVV PROMRÖ = 30 04 = 1000 0790 0820 0940 1310 ... 0800 0660 0700 0820 1180 = AR	CW	(AB-ROU)
UM10	4735	3-4	0700	Sun	VVVVV PROMRÖ =03 04= 1000 0770 0810 0950 1360 ... 0800 0660 0700 0850 1240 = AR	CW	(AB-HNG)
UM10	3205	12-4	1557	Tue	10-minutes net EM4X //4075 kHz	CW	(JPL-RUS)
UM10	4075	12-4	1557	Tue	10-minutes net EM4X //3205 kHz	CW	(JPL-RUS)
UM10	3205	16-4	1800	Sat	10-minutes net: EM4X	CW	(F5JBR)
UM10	4075	16-4	1800	Sat	10-minutes net: EM4X	CW	(F5JBR)
V07	12218	10-4	0300	Sun	254 254 254 1 617 88 617 88 48733 58115 40126 ... 12410 77518 75170 000 000	USB	(Dan/HFD-USA)

V07	11518	10-4	0320	Sun	254 254 254 1 617 88 617 88 48733 58115 40126 ... 12410 77518 75170 000 000	USB	(HFD-USA)
V07	10418	10-4	0340	Sun	254 254 254 1 617 88 617 88 48733 58115 40126 ... 12410 77518 75170 000 000	USB	(HFD-USA)
V07	12218	24-4	0300	Sun	254 254 254 1 466 98 466 98 19103 56789 71023 ... 33367 80165 40221 000 000	USB	(Dan)
V26	9054	1-4	1140	Fri	Callup in Chinese voice	USB	(JPL)
VC03	5157	17-4	1048	Sun	i.p. 7771 4487 6935 5335 3569 4903 4001 3830 4634 5796 ...	LSB	(Anon)
X06	13556	1-4	0845	Fri	MFA Moscow clg 324615: Russian embassy Madrid	MFSK-6	(RO)
X06	13547	1-4	1021	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(RO/HFD)
X06	14615	5-4	0800	Tue	MFA Moscow clg 125643: Russian embassy Ulanbatar	MFSK-6	(AB)
X06	11462	5-4	0803	Tue	MFA Moscow clg 165423: Russian embassy Brussels	MFSK-6	(AB)
X06	15687	5-4	0837	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(AB)
X06	13838	6-4	0640	Wed	MFA Moscow clg 256341: Russian embassy Beirut	MFSK-6	(RO)
X06	17445	6-4	0820	Wed	MFA Moscow clg 362154: Russian embassy Athens	MFSK-6	(RO)
X06	16115	6-4	1109	Wed	MFA Moscow clg 215346: Russian embassy Mumbai	MFSK-6	(RO)
X06	17430	7-4	0713	Thu	MFA Moscow clg 214356: Russian embassy Amman	MFSK-6	(RO)
X06	19511	7-4	0716	Thu	MFA Moscow clg 314265: Russian embassy Antananarivo	MFSK-6	(RO)
X06	14447	7-4	0720	Thu	MFA Moscow clg 162543: Russian embassy Nicosia	MFSK-6	(RO)
X06	16277	7-4	1323	Thu	MFA Moscow clg 436512: Russian embassy Harare	MFSK-6	(RO)
X06	12177	8-4	0834	Fri	MFA Moscow clg 356412: Russian embassy Berlin	MFSK-6	(RO)
X06	14871	11-4	0904	Mon	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(Moon)
X06	16117	11-4	0933	Mon	MFA Moscow clg 463125: Russian embassy Rabat	MFSK-6	(Moon)
X06	14683	11-4	1252	Mon	MFA Moscow clg 364152: Russian embassy New Delhi	MFSK-6	(RO)
X06	16317	12-4	1022	Tue	MFA Moscow clg 612534: Russian embassy Asgabat	MFSK-6	(RO)
X06	17470	12-4	1024	Tue	MFA Moscow clg 216354: Russian embassy Chennai	MFSK-6	(RO)
X06	20813	12-4	1028	Tue	MFA Moscow clg 216354: Russian embassy Chennai	MFSK-6	(RO)
X06	7988	14-4	0744	Thu	MFA Moscow clg 561243 Russian embassy Helsinki	MFSK-6	(RO)
X06	9388	14-4	0800	Thu	MFA Moscow clg 561243 Russian embassy Helsinki	MFSK-6	(RO)
X06	16153	14-4	0811	Thu	MFA Moscow clg 153624 Russian embassy Damascus	MFSK-6	(RO)
X06	13506	14-4	0935	Thu	MFA Moscow clg 164532 Russian embassy Dublin	MFSK-6	(RO)
X06	14615	19-4	0752	Tue	MFA Moscow clg 125643 Russian embassy Ulaanbaatar	MFSK-6	(RO)
X06	11572	19-4	0800	Tue	MFA Moscow clg 154632 Unknown embassy	MFSK-6	(RO)
X06	12174	19-4	0809	Tue	MFA Moscow clg 154632 Unknown embassy	MFSK-6	(RO)
X06	18440	20-4	0803	Wed	MFA Moscow clg 241563: Russian embassy Karachi	MFSK-6	(RO)
X06	16115	20-4	1131	Wed	MFA Moscow clg 215346: Russian embassy Mumbai	MFSK-6	(Moon)
X06	15676	20-4	1233	Wed	MFA Moscow clg 231654: Russian embassy Abuja	MFSK-6	(Moon)
X06	16103	21-4	0945	Thu	MFA Moscow clg 645321: Russian embassy Ho Chi Minh City	MFSK-6	(RO)
X06	18197	21-4	0952	Thu	MFA Moscow clg 645321: Russian embassy Ho Chi Minh City	MFSK-6	(RO)
X06	12177	22-4	0827	Fri	MFA Moscow clg 356412: Russian embassy Berlin	MFSK-6	(RO)
X06	17463	22-4	1000	Fri	MFA Moscow clg 256134: Russian embassy Abidjan	MFSK-6	(RO)
X06	17463	22-4	1001	Fri	MFA Moscow clg 256134: Russian embassy Abidjan	MFSK-6	(RO)
X06	15828	22-4	1019	Fri	MFA Moscow clg 256134: Russian embassy Abidjan	MFSK-6	(RO)
X06	20690	25-4	0835	Mon	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(RO)
X06	13467	25-4	1237	Mon	MFA Moscow clg 364152: Russian embassy New Delhi	MFSK-6	(RO)

X06	11545	26-4	0804	Tue	MFA Moscow clg 534216: Russian embassy Baghdad	MFSK-6	(Moon)
X06	13420	26-4	0809	Tue	MFA Moscow clg 534216: Russian embassy Baghdad	MFSK-6	(Moon)
X06	17523	26-4	0811	Tue	MFA Moscow clg 542136: Russian embassy Beijing	MFSK-6	(Moon)
X06	17470	26-4	1050	Tue	MFA Moscow clg 216354: Russian embassy Chennai	MFSK-6	(Moon)
X06	13985	27-4	0713	Wed	MFS Moscow clg 134265: Russian embassy Tunis	MFSK-6	(RO)
X06	16116	27-4	0719	Wed	MFS Moscow clg 134265: Russian embassy Tunis	MFSK-6	(RO)
X06	13985	27-4	0721	Wed	MFS Moscow clg 134265: Russian embassy Tunis	MFSK-6	(RO)
X06	9061	27-4	0733	Wed	MFS Moscow clg 412356: Russian embassy Budapest	MFSK-6	(RO)
X06	13506	28-4	0937	Thu	MFS Moscow clg 164532: Russian embassy Dublin	MFSK-6	(RO)
X06	13506	28-4	0940	Thu	MFA Moscow clg 164532: Russian embassy Dublin	MFSK-6	(AB)
X06d	10350	4-4	0715	Mon	111111 in progress	CW	(AB)
X06d	10550	4-4	0740	Mon	111111 in progress	CW	(AB)
X06d	11650	7-4	0857	Thu	111111	CW	(RO)
X06d	11491	7-4	1111	Thu	111111	CW	(RO)
XPA1	13368	1-4	1210	Fri	311 311 311 1 00766 00238 91636 ... 11417 89100 60432	MFSK-20/10Bd	(AB/HFD)
XPA1	12168	1-4	1230	Fri	311 311 311 1 00766 00238 91636 ... 11417 89100 60432	MFSK-20/10Bd	(AB/HFD-RUS)
XPA1	11168	1-4	1250	Fri	311 311 311 1 00766 00238 91636 ... 11417 89100 60432	MFSK-20/10Bd	(AB/HFD-RUS)
XPA1	10428	5-4	0710	Tue	486 486 486 1 00641 00190 22265 ... 24645 19547 15353	MFSK-20/10Bd	(AB/HFD)
XPA1	11431	5-4	0730	Tue	486 486 486 1 00641 00190 22265 ... 24645 19547 15353	MFSK-20/10Bd	(AB/HFD)
XPA1	13441	5-4	0750	Tue	486 486 486 1 00641 00190 22265 ... 24645 19547 15353	MFSK-20/10Bd	(AB/HFD)
XPA1	13368	6-4	1210	Wed	311 311 311 1 00939 00238 39993 ... 26617 32292 01151	MFSK-20/10Bd	(AB)
XPA1	12168	6-4	1230	Wed	311 311 311 1 00939 00238 39993 ... 26617 32292 01151	MFSK-20/10Bd	(AB)
XPA1	11168	6-4	1250	Wed	311 311 311 1 00939 00238 39993 ... 26617 32292 01151	MFSK-20/10Bd	(AB)
XPA1	10428	7-4	0710	Thu	486 486 486 1 00641 00190 22265 ... 24645 19547 15353	MFSK-20/10Bd	(AB)
XPA1	11431	7-4	0730	Thu	486 486 486 1 00641 00190 22265 ... 24645 19547 15353	MFSK-20/10Bd	(AB)
XPA1	13441	7-4	0750	Thu	486 486 486 1 00641 00190 22265 ... 24645 19547 15353	MFSK-20/10Bd	(AB)
XPA1	13368	8-4	1210	Fri	311 311 311 1 00939 00238 39993 ... 26617 32292 01151	MFSK-20/10Bd	(AB)
XPA1	12168	8-4	1230	Fri	311 311 311 1 00939 00238 39993 ... 26617 32292 01151	MFSK-20/10Bd	(AB)
XPA1	11168	8-4	1250	Fri	311 311 311 1 00939 00238 39993 ... 26617 32292 01151	MFSK-20/10Bd	(AB)
XPA1	10428	12-4	0710	Tue	486 486 486 1 00701 00136 55684 ... 35226 47459 10037	MFSK-20/10Bd	(AB)
XPA1	11431	12-4	0730	Tue	486 486 486 1 00701 00136 55684 ... 35226 47459 10037	MFSK-20/10Bd	(AB)
XPA1	13441	12-4	0750	Tue	486 486 486 1 00701 00136 55684 ... 35226 47459 10037	MFSK-20/10Bd	(AB)
XPA1	13368	13-4	1210	Wed	311 311 311 1 02478 00082 06734 ... 36414 24392 45767	MFSK-20/10Bd	(AB)
XPA1	12168	13-4	1230	Wed	311 311 311 1 02478 00082 06734 ... 36414 24392 45767	MFSK-20/10Bd	(AB)
XPA1	11168	13-4	1250	Wed	311 311 311 1 02478 00082 06734 ... 36414 24392 45767	MFSK-20/10Bd	(AB)
XPA1	10428	14-4	0710	Thu	486 486 486 1 00701 00136 55684 ... 35226 47459 10037	MFSK-20/10Bd	(AB)
XPA1	11431	14-4	0730	Thu	486 486 486 1 00701 00136 55684 ... 35226 47459 10037	MFSK-20/10Bd	(AB)
XPA1	13441	14-4	0750	Thu	486 486 486 1 00701 00136 55684 ... 35226 47459 10037	MFSK-20/10Bd	(AB)
XPA1	13368	15-4	1210	Fri	311 311 311 1 02478 00082 06734 ... 36414 24392 45767	MFSK-20/10Bd	(AB)
XPA1	12168	15-4	1230	Fri	311 311 311 1 02478 00082 06734 ... 36414 24392 45767	MFSK-20/10Bd	(AB)
XPA1	11168	15-4	1250	Fri	311 311 311 1 02478 00082 06734 ... 36414 24392 45767	MFSK-20/10Bd	(AB)
XPA1	10428	19-4	0710	Tue	486 486 486 1 00701 00136 55684 ... 35226 47459 10037	MFSK-20/10Bd	(AB)

XPA1	11431	19-4	0730	Tue	486 486 486 1 00701 00136 55684 ... 35226 47459 10037	MFSK-20/10Bd	(AB)
XPA1	13441	19-4	0750	Tue	486 486 486 1 00701 00136 55684 ... 35226 47459 10037	MFSK-20/10Bd	(AB)
XPA1	13368	20-4	1210	Wed	311 311 311 1 02478 00082 06734 ... 36414 24392 45767	MFSK-20/10Bd	(AB)
XPA1	12168	20-4	1230	Wed	311 311 311 1 02478 00082 06734 ... 36414 24392 45767	MFSK-20/10Bd	(AB)
XPA1	11168	20-4	1250	Wed	311 311 311 1 02478 00082 06734 ... 36414 24392 45767	MFSK-20/10Bd	(AB)
XPA1	10428	21-4	0710	Thu	486 486 486 1 00701 00136 55684 ... 35226 47459 10037	MFSK-20/10Bd	(AB)
XPA1	11431	21-4	0730	Thu	486 486 486 1 00701 00136 55684 ... 35226 47459 10037	MFSK-20/10Bd	(AB)
XPA1	13441	21-4	0750	Thu	486 486 486 1 00701 00136 55684 ... 35226 47459 10037	MFSK-20/10Bd	(AB)
XPA1	13368	22-4	1210	Fri	311 311 311 1 02478 00082 06734 ... 36414 24392 45767	MFSK-20/10Bd	(AB/MPJ)
XPA1	12168	22-4	1230	Fri	311 311 311 1 02478 00082 06734 ... 36414 24392 45767	MFSK-20/10Bd	(AB/MPJ)
XPA1	11168	22-4	1250	Fri	311 311 311 1 02478 00082 06734 ... 36414 24392 45767	MFSK-20/10Bd	(AB/MPJ)
XPA1	10428	26-4	0710	Tue	486 486 486 1 02087 00152 01555 ... 36883 38821 21104	MFSK-20/10Bd	(AB)
XPA1	11431	26-4	0730	Tue	486 486 486 1 02087 00152 01555 ... 36883 38821 21104	MFSK-20/10Bd	(AB)
XPA1	13441	26-4	0750	Tue	486 486 486 1 02087 00152 01555 ... 36883 38821 21104	MFSK-20/10Bd	(AB)
XPA1	13368	27-4	1210	Wed	311 311 311 1 08278 00112 77471 ... 99019 54617 10673	MFSK-20/10Bd	(AB)
XPA1	12168	27-4	1230	Wed	311 311 311 1 08278 00112 77471 ... 99019 54617 10673	MFSK-20/10Bd	(AB)
XPA1	11168	27-4	1250	Wed	311 311 311 1 08278 00112 77471 ... 99019 54617 10673	MFSK-20/10Bd	(AB)
XPA1	10428	28-4	0710	Thu	486 486 486 1 02087 00152 01555 ... 36883 38821 21104	MFSK-20/10Bd	(AB)
XPA1	11431	28-4	0730	Thu	486 486 486 1 02087 00152 01555 ... 36883 38821 21104	MFSK-20/10Bd	(AB)
XPA1	13441	28-4	0750	Thu	486 486 486 1 02087 00152 01555 ... 36883 38821 21104	MFSK-20/10Bd	(AB)
XPA1	13368	29-4	1210	Fri	311 311 311 1 08278 00112 77471 ... 99019 54617 10673	MFSK-20/10Bd	(AB)
XPA1	12168	29-4	1230	Fri	311 311 311 1 08278 00112 77471 ... 99019 54617 10673	MFSK-20/10Bd	(AB)
XPA1	11168	29-4	1250	Fri	311 311 311 1 08278 00112 77471 ... 99019 54617 10673	MFSK-20/10Bd	(AB)
XPA2	16341	1-4	1100	Fri	03862 00151 20046 ... 00243 54003 66166	MFSK-16/20Bd	(AB)
XPA2	14841	1-4	1120	Fri	03862 00151 20046 ... 00243 54003 66166	MFSK-16/20Bd	(AB)
XPA2	13941	1-4	1140	Fri	03862 00151 20046 ... 00243 54003 66166	MFSK-16/20Bd	(AB)
XPA2	14377	1-4	1200	Fri	08698 00096 49041 ... 72112 51509 04207	MFSK-16/20Bd	(AB)
XPA2	14977	1-4	1220	Fri	08698 00096 49041 ... 72112 51509 04207	MFSK-16/20Bd	(AB)
XPA2	15977	1-4	1240	Fri	08698 00096 49041 ... 72112 51509 04207	MFSK-16/20Bd	(AB)
XPA2	15859	2-4	0910	Sat	00499 00095 90414 ... 48042 05366 00055	MFSK-16/20Bd	(AB)
XPA2	14659	2-4	0930	Sat	00499 00095 90414 ... 48042 05366 00055	MFSK-16/20Bd	(AB)
XPA2	13459	2-4	0950	Sat	00499 00095 90414 ... 48042 05366 00055	MFSK-16/20Bd	(AB)
XPA2	15881	2-4	1500	Sat	02169 00203 02509 ... 12209 69369 25170	MFSK-16/20Bd	(AB/HFD)
XPA2	14481	2-4	1520	Sat	02169 00203 02509 ... 12209 69369 25170	MFSK-16/20Bd	(AB/HFD)
XPA2	13381	2-4	1540	Sat	02169 00203 02509 ... 12209 69369 25170	MFSK-16/20Bd	(AB/HFD)
XPA2	14442	3-4	1200	Sun	00867 00096 23437 ... 35946 42154 76544	MFSK-16/20Bd	(AB/HFD)
XPA2	15842	3-4	1220	Sun	00867 00096 23437 ... 35946 42154 76544	MFSK-16/20Bd	(AB/HFD)
XPA2	16342	3-4	1240	Sun	00867 00096 23437 ... 35946 42154 76544	MFSK-16/20Bd	(AB/HFD)
XPA2	11409	4-4	0700	Mon	00858 00154 40502 ... 88705 18672 74063	MFSK-16/20Bd	(AB)
XPA2	12209	4-4	0720	Mon	00858 00154 40502 ... 88705 18672 74063	MFSK-16/20Bd	(AB)
XPA2	13409	4-4	0740	Mon	00858 00154 40502 ... 88705 18672 74063	MFSK-16/20Bd	(AB)
XPA2	18038	4-4	0910	Mon	00544 00198 20665 ... 41488 57050 26235	MFSK-16/20Bd	(AB)

XPA2	17474	4-4	0930	Mon	00544 00198 20665 ... 41488 57050 26235	MFSK-16/20Bd	(AB)
XPA2	16286	4-4	0950	Mon	00544 00198 20665 ... 41488 57050 26235	MFSK-16/20Bd	(AB)
XPA2	15881	4-4	1500	Mon	07338 00001 00000 36662	MFSK-16/20Bd	(AB)
XPA2	14481	4-4	1520	Mon	07338 00001 00000 36662	MFSK-16/20Bd	(AB)
XPA2	13381	4-4	1540	Mon	07338 00001 00000 36662	MFSK-16/20Bd	(AB)
XPA2	16341	5-4	1100	Tue	03487 00065 02253 ... 69887 83959 56165	MFSK-16/20Bd	(AB/MPJ)
XPA2	14841	5-4	1120	Tue	03487 00065 02253 ... 69887 83959 56165	MFSK-16/20Bd	(AB/MPJ)
XPA2	13941	5-4	1140	Tue	03487 00065 02253 ... 69887 83959 56165	MFSK-16/20Bd	(AB/MPJ)
XPA2	14442	5-4	1200	Tue	05829 00096 18108 ... 97518 21985 01746	MFSK-16/20Bd	(AB)
XPA2	15842	5-4	1220	Tue	05829 00096 18108 ... 97518 21985 01746	MFSK-16/20Bd	(AB)
XPA2	16342	5-4	1240	Tue	05829 00096 18108 ... 97518 21985 01746	MFSK-16/20Bd	(AB)
XPA2	15819	5-4	1600	Tue	03912 00001 00000 36654	MFSK-16/20Bd	(AB)
XPA2	14919	5-4	1620	Tue	03912 00001 00000 36654	MFSK-16/20Bd	(AB)
XPA2	13919	5-4	1640	Tue	03912 00001 00000 36654	MFSK-16/20Bd	(AB)
XPA2	11409	6-4	0700	Wed	00858 00154 40502 ... 88705 18672 74063	MFSK-16/20Bd	(AB/HFD)
XPA2	12209	6-4	0720	Wed	00858 00154 40502 ... 88705 18672 74063	MFSK-16/20Bd	(AB/HFD)
XPA2	13409	6-4	0740	Wed	00858 00154 40502 ... 88705 18672 74063	MFSK-16/20Bd	(AB/HFD)
XPA2	18038	6-4	0910	Wed	00544 00198 20665 ... 41488 57050 26235	MFSK-16/20Bd	(AB)
XPA2	17474	6-4	0930	Wed	00544 00198 20665 ... 41488 57050 26235	MFSK-16/20Bd	(AB)
XPA2	16286	6-4	0950	Wed	00544 00198 20665 ... 41488 57050 26235	MFSK-16/20Bd	(AB)
XPA2	17426	6-4	1100	Wed	03146 00001 00000 34657	MFSK-16/20Bd	(AB)
XPA2	16326	6-4	1120	Wed	03146 00001 00000 34657	MFSK-16/20Bd	(AB)
XPA2	14926	6-4	1140	Wed	03146 00001 00000 34657	MFSK-16/20Bd	(AB)
XPA2	14377	6-4	1200	Wed	00618 00146 38824 ... 37186 89368 32526	MFSK-16/20Bd	(AB/HFD)
XPA2	14977	6-4	1220	Wed	00618 00146 38824 ... 37186 89368 32526	MFSK-16/20Bd	(AB/HFD)
XPA2	15977	6-4	1240	Wed	00618 00146 38824 ... 37186 89368 32526	MFSK-16/20Bd	(AB/HFD)
XPA2	15859	7-4	0910	Thu	00500 00195 08579 ... 58615 78017 51773	MFSK-16/20Bd	(AB/HFD)
XPA2	14659	7-4	0930	Thu	00500 00195 08579 ... 58615 78017 51773	MFSK-16/20Bd	(AB/HFD)
XPA2	13459	7-4	0950	Thu	00500 00195 08579 ... 58615 78017 51773	MFSK-16/20Bd	(AB/HFD)
XPA2	17426	7-4	1100	Thu	09844 00001 00000 37265	MFSK-16/20Bd	(AB)
XPA2	16326	7-4	1120	Thu	09844 00001 00000 37265	MFSK-16/20Bd	(AB)
XPA2	14926	7-4	1140	Thu	09844 00001 00000 37265	MFSK-16/20Bd	(AB)
XPA2	15819	7-4	1600	Thu	02730 00001 00000 34655	MFSK-16/20Bd	(AB/MPJ)
XPA2	14919	7-4	1620	Thu	02730 00001 00000 34655	MFSK-16/20Bd	(AB/MPJ)
XPA2	13919	7-4	1640	Thu	02730 00001 00000 34655	MFSK-16/20Bd	(AB/MPJ)
XPA2	16341	8-4	1100	Fri	03487 00065 02253 ... 69887 83959 56165	MFSK-16/20Bd	(AB/HFD)
XPA2	14841	8-4	1120	Fri	03487 00065 02253 ... 69887 83959 56165	MFSK-16/20Bd	(AB/HFD)
XPA2	13941	8-4	1140	Fri	03487 00065 02253 ... 69887 83959 56165	MFSK-16/20Bd	(AB/HFD)
XPA2	14377	8-4	1200	Fri	00618 00146 38824 ... 37186 89368 32526	MFSK-16/20Bd	(AB)
XPA2	14977	8-4	1220	Fri	00618 00146 38824 ... 37186 89368 32526	MFSK-16/20Bd	(AB)
XPA2	15977	8-4	1240	Fri	00618 00146 38824 ... 37186 89368 32526	MFSK-16/20Bd	(AB)
XPA2	15859	9-4	0910	Sat	00500 00195 08579 ... 58615 78017 51773	MFSK-16/20Bd	(AB)

XPA2	14659	9-4	0930	Sat	00500 00195 08579 ... 58615 78017 51773	MFSK-16/20Bd	(AB)
XPA2	13459	9-4	0950	Sat	00500 00195 08579 ... 58615 78017 51773	MFSK-16/20Bd	(AB)
XPA2	15881	9-4	1500	Sat	07904 00001 00000 37657	MFSK-16/20Bd	(AB/MPJ)
XPA2	14481	9-4	1520	Sat	07904 00001 00000 37657	MFSK-16/20Bd	(AB/MPJ)
XPA2	13381	9-4	1540	Sat	07904 00001 00000 37657	MFSK-16/20Bd	(AB/MPJ)
XPA2	14442	10-4	1200	Sun	05829 00096 18108 ... 97518 21985 01746	MFSK-16/20Bd	(AB/MPJ)
XPA2	15842	10-4	1220	Sun	05829 00096 18108 ... 97518 21985 01746	MFSK-16/20Bd	(AB/MPJ)
XPA2	16342	10-4	1240	Sun	05829 00096 18108 ... 97518 21985 01746	MFSK-16/20Bd	(AB/MPJ)
XPA2	11409	11-4	0700	Mon	04578 00140 59257 ... 34304 77931 30007	MFSK-16/20Bd	(AB)
XPA2	12209	11-4	0720	Mon	04578 00140 59257 ... 34304 77931 30007	MFSK-16/20Bd	(AB)
XPA2	13409	11-4	0740	Mon	04578 00140 59257 ... 34304 77931 30007	MFSK-16/20Bd	(AB)
XPA2	18038	11-4	0910	Mon	00544 00198 20665 ... 41488 57050 26235	MFSK-16/20Bd	(AB/HFD)
XPA2	17474	11-4	0930	Mon	00544 00198 20665 ... 41488 57050 26235	MFSK-16/20Bd	(AB/HFD)
XPA2	16286	11-4	0950	Mon	00544 00198 20665 ... 41488 57050 26235	MFSK-16/20Bd	(AB/HFD)
XPA2	15881	11-4	1500	Mon	04110 00252 81805 ... 85845 76513 74400	MFSK-16/20Bd	(AB)
XPA2	14481	11-4	1520	Mon	04110 00252 81805 ... 85845 76513 74400	MFSK-16/20Bd	(AB)
XPA2	13381	11-4	1540	Mon	04110 00252 81805 ... 85845 76513 74400	MFSK-16/20Bd	(AB)
XPA2	16341	12-4	1100	Tue	03487 00065 02253 ... 69887 83959 56165	MFSK-16/20Bd	(AB/MPJ)
XPA2	14841	12-4	1120	Tue	03487 00065 02253 ... 69887 83959 56165	MFSK-16/20Bd	(AB/MPJ)
XPA2	13941	12-4	1140	Tue	03487 00065 02253 ... 69887 83959 56165	MFSK-16/20Bd	(AB/MPJ)
XPA2	14442	12-4	1200	Tue	01923 00140 73534 ... 79324 53626 27451	MFSK-16/20Bd	(AB)
XPA2	15842	12-4	1220	Tue	01923 00140 73534 ... 79324 53626 27451	MFSK-16/20Bd	(AB)
XPA2	16342	12-4	1240	Tue	01923 00140 73534 ... 79324 53626 27451	MFSK-16/20Bd	(AB)
XPA2	15819	12-4	1600	Tue	00154 00211 81953 ... 49974 25528 40714	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	14919	12-4	1620	Tue	00154 00211 81953 ... 49974 25528 40714	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	13919	12-4	1640	Tue	00154 00211 81953 ... 49974 25528 40714	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	11409	13-4	0700	Wed	04578 00140 59257 ... 34304 77931 30007	MFSK-16/20Bd	(AB)
XPA2	12209	13-4	0720	Wed	04578 00140 59257 ... 34304 77931 30007	MFSK-16/20Bd	(AB)
XPA2	13409	13-4	0740	Wed	04578 00140 59257 ... 34304 77931 30007	MFSK-16/20Bd	(AB)
XPA2	18038	13-4	0910	Wed	00544 00198 20665 ... 41488 57050 26235	MFSK-16/20Bd	(AB-RUS)
XPA2	17474	13-4	0930	Wed	00544 00198 20665 ... 41488 57050 26235	MFSK-16/20Bd	(AB)
XPA2	16286	13-4	0950	Wed	00544 00198 20665 ... 41488 57050 26235	MFSK-16/20Bd	(AB)
XPA2	17426	13-4	1100	Wed	00412 00198 12146 ... 21434 60857 14000	MFSK-16/20Bd	(AB)
XPA2	16326	13-4	1120	Wed	00412 00198 12146 ... 21434 60857 14000	MFSK-16/20Bd	(AB)
XPA2	14926	13-4	1140	Wed	00412 00198 12146 ... 21434 60857 14000	MFSK-16/20Bd	(AB)
XPA2	14377	13-4	1200	Wed	08992 00124 67951 ... 94734 27720 33763	MFSK-16/20Bd	(AB)
XPA2	14977	13-4	1220	Wed	08992 00124 67951 ... 94734 27720 33763	MFSK-16/20Bd	(AB)
XPA2	15977	13-4	1240	Wed	08992 00124 67951 ... 94734 27720 33763	MFSK-16/20Bd	(AB)
XPA2	15859	14-4	0910	Thu	02980 00001 00000 35662	MFSK-16/20Bd	(AB)
XPA2	14659	14-4	0930	Thu	02980 00001 00000 35662	MFSK-16/20Bd	(AB)
XPA2	13459	14-4	0950	Thu	02980 00001 00000 35662	MFSK-16/20Bd	(AB)
XPA2	17426	14-4	1100	Thu	00412 00198 12146 ... 21434 60857 14000	MFSK-16/20Bd	(AB/HFD)

XPA2	16326	14-4	1120	Thu	00412 00198 12146 ... 21434 60857 14000	MFSK-16/20Bd	(AB/HFD)
XPA2	14926	14-4	1140	Thu	00412 00198 12146 ... 21434 60857 14000	MFSK-16/20Bd	(AB/HFD)
XPA2	15819	14-4	1600	Thu	00154 00211 81953 ... 49974 25528 40714	MFSK-16/20Bd	(AB)
XPA2	14919	14-4	1620	Thu	00154 00211 81953 ... 49974 25528 40714	MFSK-16/20Bd	(AB)
XPA2	13919	14-4	1640	Thu	00154 00211 81953 ... 49974 25528 40714	MFSK-16/20Bd	(AB)
XPA2	16341	15-4	1100	Fri	03487 00065 02253 ... 69887 83959 56165	MFSK-16/20Bd	(AB/MPJ)
XPA2	14841	15-4	1120	Fri	03487 00065 02253 ... 69887 83959 56165	MFSK-16/20Bd	(AB/MPJ)
XPA2	13941	15-4	1140	Fri	03487 00065 02253 ... 69887 83959 56165	MFSK-16/20Bd	(AB/MPJ)
XPA2	14377	15-4	1200	Fri	08992 00124 67951 ... 94734 27720 33763	MFSK-16/20Bd	(AB/MPJ)
XPA2	14977	15-4	1220	Fri	08992 00124 67951 ... 94734 27720 33763	MFSK-16/20Bd	(AB/MPJ)
XPA2	15977	15-4	1240	Fri	08992 00124 67951 ... 94734 27720 33763	MFSK-16/20Bd	(AB/MPJ)
XPA2	15859	16-4	0910	Sat	06123 00001 00000 33260	MFSK-16/20Bd	(AB)
XPA2	14659	16-4	0930	Sat	06123 00001 00000 33260	MFSK-16/20Bd	(AB)
XPA2	13459	16-4	0950	Sat	06123 00001 00000 33260	MFSK-16/20Bd	(AB)
XPA2	15881	16-4	1500	Sat	04110 00252 81805 ... 85845 76513 74400	MFSK-16/20Bd	(AB/MPJ)
XPA2	14481	16-4	1520	Sat	04110 00252 81805 ... 85845 76513 74400	MFSK-16/20Bd	(AB/MPJ)
XPA2	13381	16-4	1540	Sat	04110 00252 81805 ... 85845 76513 74400	MFSK-16/20Bd	(AB/MPJ)
XPA2	14442	17-4	1200	Sun	01923 00140 73534 ... 79324 53626 27451	MFSK-16/20Bd	(AB)
XPA2	15842	17-4	1220	Sun	01923 00140 73534 ... 79324 53626 27451	MFSK-16/20Bd	(AB)
XPA2	16342	17-4	1240	Sun	01923 00140 73534 ... 79324 53626 27451	MFSK-16/20Bd	(AB)
XPA2	11409	18-4	0700	Mon	04578 00140 59257 ... 34304 77931 30007	MFSK-16/20Bd	(AB)
XPA2	12209	18-4	0720	Mon	04578 00140 59257 ... 34304 77931 30007	MFSK-16/20Bd	(AB)
XPA2	13409	18-4	0740	Mon	04578 00140 59257 ... 34304 77931 30007	MFSK-16/20Bd	(AB)
XPA2	18038	18-4	0910	Mon	00757 00065 50491 ... 56493 47386 30546	MFSK-16/20Bd	(AB)
XPA2	17474	18-4	0930	Mon	00757 00065 50491 ... 56493 47386 30546	MFSK-16/20Bd	(AB)
XPA2	16286	18-4	0950	Mon	00757 00065 50491 ... 56493 47386 30546	MFSK-16/20Bd	(AB)
XPA2	15881	18-4	1500	Mon	05997 00001 00000 41266	MFSK-16/20Bd	(AB)
XPA2	14481	18-4	1520	Mon	05997 00001 00000 41266	MFSK-16/20Bd	(AB)
XPA2	13381	18-4	1540	Mon	05997 00001 00000 41266	MFSK-16/20Bd	(AB)
XPA2	16341	19-4	1100	Tue	06523 00001 00000 35260	MFSK-16/20Bd	(AB)
XPA2	14841	19-4	1120	Tue	06523 00001 00000 35260	MFSK-16/20Bd	(AB)
XPA2	13941	19-4	1140	Tue	06523 00001 00000 35260	MFSK-16/20Bd	(AB)
XPA2	14442	19-4	1200	Tue	09446 00118 71572 ... 50641 07490 44256	MFSK-16/20Bd	(AB)
XPA2	15842	19-4	1220	Tue	09446 00118 71572 ... 50641 07490 44256	MFSK-16/20Bd	(AB)
XPA2	16342	19-4	1240	Tue	09446 00118 71572 ... 50641 07490 44256	MFSK-16/20Bd	(AB)
XPA2	15819	19-4	1600	Tue	01779 00001 00000 41260	MFSK-16/20Bd	(AB)
XPA2	14919	19-4	1620	Tue	01779 00001 00000 41260	MFSK-16/20Bd	(AB)
XPA2	13919	19-4	1640	Tue	01779 00001 00000 41260	MFSK-16/20Bd	(AB)
XPA2	11409	20-4	0700	Wed	04578 00140 59257 ... 34304 77931 30007	MFSK-16/20Bd	(AB)
XPA2	12209	20-4	0720	Wed	04578 00140 59257 ... 34304 77931 30007	MFSK-16/20Bd	(AB)
XPA2	13409	20-4	0740	Wed	04578 00140 59257 ... 34304 77931 30007	MFSK-16/20Bd	(AB)
XPA2	18038	20-4	0910	Wed	00757 00065 50491 ... 56493 47386 30546	MFSK-16/20Bd	(AB)

XPA2	17474	20-4	0930	Wed	00757 00065 50491 ... 56493 47386 30546	MFSK-16/20Bd	(AB)
XPA2	16286	20-4	0950	Wed	00757 00065 50491 ... 56493 47386 30546	MFSK-16/20Bd	(AB)
XPA2	17426	20-4	1100	Wed	00412 00198 12146 ... 21434 60857 14000	MFSK-16/20Bd	(AB)
XPA2	16326	20-4	1120	Wed	00412 00198 12146 ... 21434 60857 14000	MFSK-16/20Bd	(AB)
XPA2	14926	20-4	1140	Wed	00412 00198 12146 ... 21434 60857 14000	MFSK-16/20Bd	(AB)
XPA2	14377	20-4	1200	Wed	07563 00086 82298 ... 33396 53599 65156	MFSK-16/20Bd	(AB)
XPA2	14977	20-4	1220	Wed	07563 00086 82298 ... 33396 53599 65156	MFSK-16/20Bd	(AB)
XPA2	15977	20-4	1240	Wed	07563 00086 82298 ... 33396 53599 65156	MFSK-16/20Bd	(AB)
XPA2	15859	21-4	0910	Thu	00247 00055 44884 ... 35000 68698 67472	MFSK-16/20Bd	(AB)
XPA2	14659	21-4	0930	Thu	00247 00055 44884 ... 35000 68698 67472	MFSK-16/20Bd	(AB)
XPA2	13459	21-4	0950	Thu	00247 00055 44884 ... 35000 68698 67472	MFSK-16/20Bd	(AB)
XPA2	17426	21-4	1100	Thu	00412 00198 12146 ... 21434 60857 14000	MFSK-16/20Bd	(AB)
XPA2	16326	21-4	1120	Thu	00412 00198 12146 ... 21434 60857 14000	MFSK-16/20Bd	(AB)
XPA2	14926	21-4	1140	Thu	00412 00198 12146 ... 21434 60857 14000	MFSK-16/20Bd	(AB)
XPA2	15819	21-4	1600	Thu	04592 00001 00000 34665	MFSK-16/20Bd	(AB/MPJ)
XPA2	14919	21-4	1620	Thu	04592 00001 00000 34665	MFSK-16/20Bd	(AB/MPJ)
XPA2	13919	21-4	1640	Thu	04592 00001 00000 34665	MFSK-16/20Bd	(AB/MPJ)
XPA2	16341	22-4	1100	Fri	09306 00001 00000 35661	MFSK-16/20Bd	(AB/MPJ)
XPA2	14841	22-4	1120	Fri	09306 00001 00000 35661	MFSK-16/20Bd	(AB/MPJ)
XPA2	13941	22-4	1140	Fri	09306 00001 00000 35661	MFSK-16/20Bd	(AB/MPJ)
XPA2	14377	22-4	1200	Fri	07563 00086 82298 ... 33396 53599 65156	MFSK-16/20Bd	(AB)
XPA2	14977	22-4	1220	Fri	07563 00086 82298 ... 33396 53599 65156	MFSK-16/20Bd	(AB)
XPA2	15977	22-4	1240	Fri	07563 00086 82298 ... 33396 53599 65156	MFSK-16/20Bd	(AB)
XPA2	15859	23-4	0910	Sat	00247 00055 44884 ... 35000 68698 67472	MFSK-16/20Bd	(AB)
XPA2	14659	23-4	0930	Sat	00247 00055 44884 ... 35000 68698 67472	MFSK-16/20Bd	(AB)
XPA2	13459	23-4	0950	Sat	00247 00055 44884 ... 35000 68698 67472	MFSK-16/20Bd	(AB)
XPA2	15881	23-4	1500	Sat	06265 00001 00000 34664	MFSK-16/20Bd	(AB)
XPA2	14481	23-4	1520	Sat	06265 00001 00000 34664	MFSK-16/20Bd	(AB)
XPA2	13381	23-4	1540	Sat	06265 00001 00000 34664	MFSK-16/20Bd	(AB)
XPA2	14442	24-4	1200	Sun	09446 00118 71572 ... 50641 07490 44256	MFSK-16/20Bd	(AB/MPJ)
XPA2	15842	24-4	1220	Sun	09446 00118 71572 ... 50641 07490 44256	MFSK-16/20Bd	(AB/MPJ)
XPA2	16342	24-4	1240	Sun	09446 00118 71572 ... 50641 07490 44256	MFSK-16/20Bd	(AB/MPJ)
XPA2	11409	25-4	0700	Mon	02624 00188 00613 ... 30942 29709 34416	MFSK-16/20Bd	(AB)
XPA2	12209	25-4	0720	Mon	02624 00188 00613 ... 30942 29709 34416	MFSK-16/20Bd	(AB)
XPA2	13409	25-4	0740	Mon	02624 00188 00613 ... 30942 29709 34416	MFSK-16/20Bd	(AB)
XPA2	18038	25-4	0910	Mon	00757 00065 50491 ... 56493 47386 30546	MFSK-16/20Bd	(AB)
XPA2	17474	25-4	0930	Mon	00757 00065 50491 ... 56493 47386 30546	MFSK-16/20Bd	(AB)
XPA2	16286	25-4	0950	Mon	00757 00065 50491 ... 56493 47386 30546	MFSK-16/20Bd	(AB)
XPA2	15881	25-4	1500	Mon	05305 00346 39322 ... 20758 74646 31475	MFSK-16/20Bd	(AB/MPJ)
XPA2	14481	25-4	1520	Mon	05305 00346 39322 ... 20758 74646 31475	MFSK-16/20Bd	(AB/MPJ)
XPA2	13381	25-4	1540	Mon	05305 00346 39322 ... 20758 74646 31475	MFSK-16/20Bd	(AB/MPJ)
XPA2	16341	26-4	1100	Tue	00797 00142 72243 ... 43519 02952 71274	MFSK-16/20Bd	(AB/MPJ)

XPA2	14841	26-4	1120	Tue	00797 00142 72243 ... 43519 02952 71274	MFSK-16/20Bd	(AB/MPJ)
XPA2	13941	26-4	1140	Tue	00797 00142 72243 ... 43519 02952 71274	MFSK-16/20Bd	(AB/MPJ)
XPA2	14442	26-4	1200	Tue	02701 00042 39737 ... 33098 93252 40677	MFSK-16/20Bd	(AB)
XPA2	15842	26-4	1220	Tue	02701 00042 39737 ... 33098 93252 40677	MFSK-16/20Bd	(AB)
XPA2	16342	26-4	1240	Tue	02701 00042 39737 ... 33098 93252 40677	MFSK-16/20Bd	(AB)
XPA2	15819	26-4	1600	Tue	00259 00211 41230 ... 38415 75858 52144	MFSK-16/20Bd	(AB/MPJ)
XPA2	14919	26-4	1620	Tue	00259 00211 41230 ... 38415 75858 52144	MFSK-16/20Bd	(AB/MPJ)
XPA2	13919	26-4	1640	Tue	00259 00211 41230 ... 38415 75858 52144	MFSK-16/20Bd	(AB/MPJ)
XPA2	11409	27-4	0700	Wed	02624 00188 00613 ... 30942 29709 34416	MFSK-16/20Bd	(AB)
XPA2	12209	27-4	0720	Wed	02624 00188 00613 ... 30942 29709 34416	MFSK-16/20Bd	(AB)
XPA2	13409	27-4	0740	Wed	02624 00188 00613 ... 30942 29709 34416	MFSK-16/20Bd	(AB)
XPA2	18038	27-4	0910	Wed	00757 00065 50491 ... 56493 47386 30546	MFSK-16/20Bd	(AB)
XPA2	17474	27-4	0930	Wed	00757 00065 50491 ... 56493 47386 30546	MFSK-16/20Bd	(AB)
XPA2	16286	27-4	0950	Wed	00757 00065 50491 ... 56493 47386 30546	MFSK-16/20Bd	(AB)
XPA2	17426	27-4	1100	Wed	03806 00001 00000 40253	MFSK-16/20Bd	(AB)
XPA2	16326	27-4	1120	Wed	03806 00001 00000 40253	MFSK-16/20Bd	(AB)
XPA2	14926	27-4	1140	Wed	03806 00001 00000 40253	MFSK-16/20Bd	(AB)
XPA2	14377	27-4	1200	Wed	05813 00078 15642 ... 21617 21385 16027	MFSK-16/20Bd	(AB)
XPA2	14977	27-4	1220	Wed	05813 00078 15642 ... 21617 21385 16027	MFSK-16/20Bd	(AB)
XPA2	15977	27-4	1240	Wed	05813 00078 15642 ... 21617 21385 16027	MFSK-16/20Bd	(AB)
XPA2	15859	28-4	0910	Thu	00247 00055 44884 ... 35000 68698 67472	MFSK-16/20Bd	(AB/MPJ)
XPA2	14659	28-4	0930	Thu	00247 00055 44884 ... 35000 68698 67472	MFSK-16/20Bd	(AB/MPJ)
XPA2	13459	28-4	0950	Thu	00247 00055 44884 ... 35000 68698 67472	MFSK-16/20Bd	(AB/MPJ)
XPA2	17426	28-4	1100	Thu	01066 00001 00000 34257	MFSK-16/20Bd	(AB)
XPA2	16326	28-4	1120	Thu	01066 00001 00000 34257	MFSK-16/20Bd	(AB)
XPA2	14926	28-4	1140	Thu	01066 00001 00000 34257	MFSK-16/20Bd	(AB)
XPA2	15819	28-4	1600	Thu	00259 00211 41230 ... 38415 75858 52144	MFSK-16/20Bd	(AB/MPJ)
XPA2	14919	28-4	1620	Thu	00259 00211 41230 ... 38415 75858 52144	MFSK-16/20Bd	(AB/MPJ)
XPA2	13919	28-4	1640	Thu	00259 00211 41230 ... 38415 75858 52144	MFSK-16/20Bd	(AB/MPJ)
XPA2	16341	29-4	1100	Fri	00797 00142 72243 ... 43519 02952 71274	MFSK-16/20Bd	(AB)
XPA2	14841	29-4	1120	Fri	00797 00142 72243 ... 43519 02952 71274	MFSK-16/20Bd	(AB)
XPA2	13941	29-4	1140	Fri	00797 00142 72243 ... 43519 02952 71274	MFSK-16/20Bd	(AB)
XPA2	14377	29-4	1200	Fri	05813 00078 15642 ... 21617 21385 16027	MFSK-16/20Bd	(AB)
XPA2	14977	29-4	1220	Fri	05813 00078 15642 ... 21617 21385 16027	MFSK-16/20Bd	(AB)
XPA2	15977	29-4	1240	Fri	05813 00078 15642 ... 21617 21385 16027	MFSK-16/20Bd	(AB)
XPA2	15859	30-4	0910	Sat	00247 00055 44884 ... 35000 68698 67472	MFSK-16/20Bd	(AB)
XPA2	14659	30-4	0930	Sat	00247 00055 44884 ... 35000 68698 67472	MFSK-16/20Bd	(AB)
XPA2	13459	30-4	0950	Sat	00247 00055 44884 ... 35000 68698 67472	MFSK-16/20Bd	(AB)
XPA2	15881	30-4	1500	Sat	05305 00346 39322 ... 20758 74646 31475	MFSK-16/20Bd	(AB/MPJ)
XPA2	14481	30-4	1520	Sat	05305 00346 39322 ... 20758 74646 31475	MFSK-16/20Bd	(AB/MPJ)
XPA2	13381	30-4	1540	Sat	05305 00346 39322 ... 20758 74646 31475	MFSK-16/20Bd	(AB/MPJ)
XPB1	13562	2-4	1100	Sat	Russian intel.	MFSK-16	(AB/HFD)

XPB1	12162	2-4	1110	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	11562	2-4	1120	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	11162	2-4	1130	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	10562	2-4	1140	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	10262	2-4	1150	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	17474	2-4	1200	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	16274	2-4	1210	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	15974	2-4	1220	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14974	2-4	1230	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14374	2-4	1240	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13874	2-4	1250	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13547	3-4	1900	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12147	3-4	1910	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	11547	3-4	1920	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	10447	3-4	1930	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	9347	3-4	1940	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	8147	3-4	1950	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13527	4-4	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13927	4-4	0510	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14727	4-4	0520	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14927	4-4	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15827	4-4	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16327	4-4	0550	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17474	4-4	1200	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16274	4-4	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15974	4-4	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14974	4-4	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14374	4-4	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13874	4-4	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13527	5-4	0500	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13927	5-4	0510	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14727	5-4	0520	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14927	5-4	0530	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	15827	5-4	0540	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	16327	5-4	0550	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13547	5-4	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12147	5-4	1910	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11547	5-4	1920	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10447	5-4	1930	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9347	5-4	1940	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8147	5-4	1950	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13562	6-4	1100	Wed	Russian intel.	MFSK-16	(AB)

XPB1	12162	6-4	1110	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11562	6-4	1120	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11162	6-4	1130	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10562	6-4	1140	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10262	6-4	1150	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13562	9-4	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12162	9-4	1110	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11562	9-4	1120	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11162	9-4	1130	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10562	9-4	1140	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10262	9-4	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17474	9-4	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	16274	9-4	1210	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15974	9-4	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14974	9-4	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14374	9-4	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13874	9-4	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13547	10-4	1900	Sun	Russian intel.	MFSK-16	(AB)
XPB1	12147	10-4	1910	Sun	Russian intel.	MFSK-16	(AB)
XPB1	11547	10-4	1920	Sun	Russian intel.	MFSK-16	(AB)
XPB1	10447	10-4	1930	Sun	Russian intel.	MFSK-16	(AB)
XPB1	9347	10-4	1940	Sun	Russian intel.	MFSK-16	(AB)
XPB1	8147	10-4	1950	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13527	11-4	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13927	11-4	0510	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14727	11-4	0520	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14927	11-4	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15827	11-4	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16327	11-4	0550	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17474	11-4	1200	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16274	11-4	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15974	11-4	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14974	11-4	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14374	11-4	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13874	11-4	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13527	12-4	0500	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13927	12-4	0510	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14727	12-4	0520	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14927	12-4	0530	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15827	12-4	0540	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16327	12-4	0550	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13547	12-4	1900	Tue	Russian intel.	MFSK-16	(AB)

XPB1	12147	12-4	1910	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11547	12-4	1920	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10447	12-4	1930	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9347	12-4	1940	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8147	12-4	1950	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13562	13-4	1100	Wed	Russian intel.	MFSK-16	(AB)
XPB1	12162	13-4	1110	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11562	13-4	1120	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11162	13-4	1130	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10562	13-4	1140	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10262	13-4	1150	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13562	16-4	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12162	16-4	1110	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11562	16-4	1120	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11162	16-4	1130	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10562	16-4	1140	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10262	16-4	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17474	16-4	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	16274	16-4	1210	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15974	16-4	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14974	16-4	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14374	16-4	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13874	16-4	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13547	17-4	1900	Sun	Russian intel.	MFSK-16	(AB)
XPB1	12147	17-4	1910	Sun	Russian intel.	MFSK-16	(AB)
XPB1	11547	17-4	1920	Sun	Russian intel.	MFSK-16	(AB)
XPB1	10447	17-4	1930	Sun	Russian intel.	MFSK-16	(AB)
XPB1	9347	17-4	1940	Sun	Russian intel.	MFSK-16	(AB)
XPB1	8147	17-4	1950	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13527	18-4	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13927	18-4	0510	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14727	18-4	0520	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14927	18-4	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15827	18-4	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16327	18-4	0550	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17474	18-4	1200	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16274	18-4	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15974	18-4	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14974	18-4	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14374	18-4	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13874	18-4	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13527	19-4	0500	Tue	Russian intel.	MFSK-16	(AB)

XPB1	13927	19-4	0510	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14727	19-4	0520	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14927	19-4	0530	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15827	19-4	0540	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16327	19-4	0550	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13547	19-4	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12147	19-4	1910	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11547	19-4	1920	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10447	19-4	1930	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9347	19-4	1940	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8147	19-4	1950	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13562	20-4	1100	Wed	Russian intel.	MFSK-16	(AB)
XPB1	12162	20-4	1110	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11562	20-4	1120	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11162	20-4	1130	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10562	20-4	1140	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10262	20-4	1150	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13562	23-4	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12162	23-4	1110	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11562	23-4	1120	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11162	23-4	1130	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10562	23-4	1140	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10262	23-4	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17474	23-4	1200	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	16274	23-4	1210	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	15974	23-4	1220	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	14974	23-4	1230	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	14374	23-4	1240	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	13874	23-4	1250	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	13547	24-4	1900	Sun	Russian intel.	MFSK-16	(AB)
XPB1	12147	24-4	1910	Sun	Russian intel.	MFSK-16	(AB)
XPB1	11547	24-4	1920	Sun	Russian intel.	MFSK-16	(AB)
XPB1	10447	24-4	1930	Sun	Russian intel.	MFSK-16	(AB)
XPB1	9347	24-4	1940	Sun	Russian intel.	MFSK-16	(AB)
XPB1	8147	24-4	1950	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13527	25-4	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13927	25-4	0510	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14727	25-4	0520	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14927	25-4	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15827	25-4	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16327	25-4	0550	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17474	25-4	1200	Mon	Russian intel.	MFSK-16	(AB)

XPB1	16274	25-4	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15974	25-4	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14974	25-4	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14374	25-4	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13874	25-4	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13527	26-4	0500	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13927	26-4	0510	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14727	26-4	0520	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14927	26-4	0530	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15827	26-4	0540	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16327	26-4	0550	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13547	26-4	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12147	26-4	1910	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11547	26-4	1920	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10447	26-4	1930	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9347	26-4	1940	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8147	26-4	1950	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13562	27-4	1100	Wed	Russian intel.	MFSK-16	(AB)
XPB1	12162	27-4	1110	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11562	27-4	1120	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11162	27-4	1130	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10562	27-4	1140	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10262	27-4	1150	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13562	30-4	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12162	30-4	1110	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11562	30-4	1120	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11162	30-4	1130	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10562	30-4	1140	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10262	30-4	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17474	30-4	1200	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	16274	30-4	1210	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	15974	30-4	1220	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	14974	30-4	1230	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	14374	30-4	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13874	30-4	1250	Sat	Russian intel.	MFSK-16	(AB)

CONTRIBUTORS

15 monitors submitted logs. Thanks for that. Without your help N&O wouldn't exist.

AB	Ary Boender, Netherlands
AB-AUT	Ary Boender via remote rx Austria
AB-FIN	Ary Boender via remote rx Finland
AB-GRC	Ary Boender via remote rx Greece
AB-HNG	Ary Boender via remote rx Hungary
AB-J	Ary Boender via remote rx Japan
AB-KWT	Ary Boender via remote rx Kuwait
AB-POL	Ary Boender via remote rx Poland
AB-ROU	Ary Boender via remote rx Romania
AB-RUS	Ary Boender via remote rx Russia
AB-USA	Ary Boender via remote rx USA
Anon	Anonymous
Arg	Argonn, Poland
Dan	Daniel LU5EMM, Argentina
DKR	Danila, Krasnodar, Russia
DW-MD	Dave Wright, MD, USA
F5JBR	F5JBR André, France
HFD	Hans-Friedrich Dumrese, Germany
HFD-J	Hans-Friedrich Dumrese via remote rx Japan
HFD-KWT	Hans-Friedrich Dumrese via remote rx Kuwait
HFD-RUS	Hans-Friedrich Dumrese via remote rx Russia
HFD-USA	Hans-Friedrich Dumrese via remote rx USA
JPL	JPL, NB, Canada (and various remote rx)
JPL-RUS	JPL via remote rx Russia
Moon	Moonlight (Dave AU)
MPJ	Jim, SW England
MPJ-AUT	Jim via remote rx Austria
MPJ-FIN	Jim via remote rx Finland
MPJ-HNG	Jim via remote rx Hungary
MPJ-HOL	Jim via remote rx Netherlands
MPJ-POL	Jim via remote rx Poland
Pof	Pofistal_975 via Priyom
PY	Pierre Ynard, France and via remote rx
RL	Roberto Landolpho, Brazil
RR2	Rich Ray, IL, USA

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	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

Code	Language	Origin	Related stations
E06	English	Russia	G06, G06b, S06, S06b, S06c, M14, F01, F06, F06a
E07	English	Russia	E07a, V07, M12, XPA1, XPA2, XPB1
E07a	English	Russia	E07, V07, M12, XPA1, XPA2, XPB1
E11	English	Poland	E11a, S11a, F03, P03
E11a	English	Poland	E11, S11a, F03, P03
E17z	English	Ukraine	S06s
E25	English	Egypt	E25a
E25a	English	Egypt	E25
G06	German	Russia	E06, G06b, S06, S06b, S06c, M14, F01, F06, F06a
G06b	German	Russia	E06, G06, S06, S06b, S06c, M14, F01, F06, F06a
S06	Russian	Russia	E06, G06, G06b, S06b, S06c, M14, F01, F06, F06a
S06b	Russian	Russia	E06, G06, G06b, S06, S06c, M14, F01, F06, F06a
S06c	Russian	Russian	E06, G06, G06b, S06, S06b, M14, F01, F06, F06a
S06s	Russian	Ukraine	E17z
S11a	Russian	Poland	E11, E11a, F03, P03
S25	Russian	Russia	
V07	Spanish	Russia	E07, M12, XPA1, XPA2, XPB1
V13	Mandarin	Taiwan	
V15	Korean	North Korea	
V24	Korean	South Korea	
V26	Chinese	China	M95, Q26
V28	Korean	North Korea	
VC01	Chinese	China	VC03, MC03
VC03	Chinese	China	VC01, MC03

Code	Mode	Origin	Related stations
M01	Morse	Russia	M01a
M01a	Morse	Russia	M01
M12	Morse	Russia	E07, V07, XPA1, XPA2, XPBa
M14	Morse	Russia	E06, G06, G06b, S06, S06b, S06c, 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
M89	Morse	China	
M95	Morse	China	V26, Q26
MC03	Morse	China	VC01, VC03
UM03	Morse	China	
UM04	Morse	Bulgaria	PROMRÖ daily schedule
UM10	Morse	?	

Code	Mode	Origin	Related stations
F01	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F06, F06a
F03	2FSK, 4FSK	Poland	E11, E11a, S11a, P03
F06	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F01, F06a
F06a	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F01, F06
HM01	Voice/RDFT	Cuba	
M42	Various	Russia	
P03	BPSK, QPSK	Poland	E11, E11a, S11a, F03
Q26	4+4 QPSK	China	V26, M95
SK01	Various	Cuba	
X06	MFSK-6	Russia	X06a, X06b, X06c, X06d
X06a	MFSK-6	Russia	X06a, X06b, X06c, X06d
X06b	MFSK-6	Russia	X06a, X06b, X06c, X06d
X06c	MFSK-6	Russia	X06a, X06b, X06c, X06d
X06d	CW	Russia	X06a, X06b, X06c, X06d
XPA	MFSK-20	Russia	E07, V07, M12, XPA2, XPB1
XPA2	MFSK-16	Russia	E07, V07, M12, XPA1, XPB1
XPB	MFSK-16	Russia	E07, V07, M12, XPA1, XPA2

Figures and words used by the various numbers stations

Cut numbers

Several stations are using cut numbers. Often only the zero which is represented by the letter “T”.

M89 and M95 cut numbers 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

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	Itzien
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
=	— . . . —					
/	—					

Word	E11a	S11a	M03
Attention	Attention	Vnimanye	
Slash /	Oblique	Cirta	—
Out	Out	Konets	

Note: M03 and M08a are defunct.

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	[BT =]	- . . . -
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>

COLOPHON

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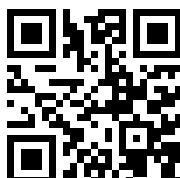
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976 27364 92886 89428 61288 14982 30498 32704 81276 81
986 40932 70987 32123 49817 26346 81287 65491 87364 81
721 75654 55656 12737 72727 72727 91918 63473 67867 70
723 87629 37677 32612 53498 71296 28756 18276 98716 87
7269 76329 74698 76857 98678 27681 56781 57681 73648 1
7591 87364 87265 96718 27638 12673 84769 28743 98127 0
758 63298 75698 27465 87326 49876 28376 81273 98615 86
67 87432 74328 78674 29867 32867 67867 86786 43276 498
67 68768 68763 34234 34238 68768 62342 48273 48768 230
936 98432 32432 86743 43286 43286 43286 43286 43286 432
743 86743 86743 39867 32867 86743 43286 43286 43243 86
751 86743 86743 86743 86743 86743 86743 86743 86743 86
943 98798 98754 98754 98754 98754 29867 67543 67986 86
76 87698 69876 87698 69876 87612 12341 34867 86798 652
667 43298 65656 56756 56123 32143 14321 32143 14321 321
88 82787 58765 76587 58765 76587 58765 76587 58756 765
88 82787 58765 76587 58765 76587 58765 76587 58756 765

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