

6	27364	92836	89428	61268	71282	36198	32764	31277	
86	48932	78987	32123	49817	26346	81287	65491	87364	8
721	75654	55656	12737	72727	72727	91918	63473	67867	7
723	87629	37677	32612	53498	71296	28756	18276	98716	87
269	76329	74698	76857	98670	27601	56701	57601	73648	1
1	87364	87265	96710	27630	12673	84769	28743	98127	2
8	63298	75698	27465	87326	49876	28376	81273	98615	
7	87432	74328	78674	29867	32867	67867	86786	43286	80
17	68768	68763	34234	34238	68768	62342	48273	48768	2
26	98432	32432	86743	43286	43286	43286	43286	43286	40
43	86743	86743	39867	32867	86743	43286	43286	43243	86
18	86743	86743	86743	86743	86743	86743	86743	86743	2
99	98798	98754	98754	98754	98754	29867	67543	67986	8
10	87698	69876	87698	69876	87612	12341	34867	86798	6
	43298	65656	56756	56123	32143	14321	32143	14321	30
	58765	58765	76587	58765	76587	58765	76587	58756	24

# Numbers & Oddities

## a.k.a. The Spooks Newsletter

### Edition #247, April 2018

Editor: Ary Boender email: [udxf@udxf.nl](mailto:udxf@udxf.nl)  
 Numbers & Oddities <http://www.numbersoddities.nl>

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

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



## FOREWORD

April was a quiet month. Conditions were often poor and E07 transmitted several very long messages. Nothing important to mention, so off we go! I hope that you will enjoy N&O #247.

## VOICE STATIONS

### E06

#### **17470 kHz, 05-04, 0600 UTC**

#### **15645/17470 kHz, 06-04, 0500/0600 UTC**

951 347 62

75511 12904 41446 31925 47409 87331 57710 81048 67976 43850  
04731 18253 64412 77621 29081 05282 64897 01579 30665 92802  
53509 64810 73358 67342 73693 13612 09016 65119 66189 24900  
63315 94965 52376 66682 56842 37514 98965 65265 59866 12842  
24977 83882 04253 33763 36934 42439 00934 86948 03230 33061  
36389 09070 03576 11126 46565 50144 14500 66472 91672 41278  
16809 04477  
347 62 00000

#### **5186 kHz, 05-04, 2030 UTC**

891 183 77

73413 48673 92659 68289 43584 32573 24589 34134 65918 95946  
19647 87484 25986 28546 59196 27324 59872 48247 28485 96176  
87475 92763 83465 14592 56293 28983 29384 98329 21839 32874  
93284 98324 59693 25932 15959 61893 26498 23128 96197 12387  
13249 67324 76743 43656 87961 28763 54872 35812 54871 63248  
64726 56295 91262 52964 52765 43532 47274 12636 32127 63163  
47263 47623 76275 26543 76437 36437 64236 43764 28976 49276  
42897 73428 34563 92473 91242 17492 27491  
183 77 00000

#### **5197 kHz, 06-04, 2130 UTC**

634 183 77

73413 48673 92659 68289 43584 32573 24589 34134 65918 95946  
19647 87484 25986 28546 59196 27324 59872 48247 28485 96176  
87475 92763 83465 14592 56293 28983 29384 98329 21839 32874  
93284 98324 59693 25932 15959 61893 26498 23128 96197 12387  
13249 67324 76743 43656 87961 28763 54872 35812 54871 63248  
64726 56295 91262 52964 52765 43532 47274 12636 32127 63163  
47263 47623 76275 26543 76437 36437 64236 43764 28976 49276  
42897 73428 34563 92473 91242 17492 27491  
183 77 00000

#### **15645/17470 kHz, 19-04/20-04, 0500/0600 UTC**

951 472 60

88789 36633 07951 34521 89794 65657 04595 33082 47848 25069  
61735 90975 57165 65317 03469 62944 37707 92537 67087 43527  
77585 99305 50606 73457 08760 61900 92808 08649 95728 02501  
78006 12715 41897 39767 82683 58972 43306 76239 06229 52838  
44410 95984 52939 10593 75597 70938 57472 55409 77133 99378  
70954 16623 39219 24960 49912 43147 12848 09752 15226 66997  
472 60 00000

**5186 kHz, 19-02, 2030 UTC**

891 134 57  
69834 91020 28974 71856 74832 89648 73282 64825 48142 73848  
36457 38491 82713 43143 65689 28756 42351 73145 32424 67857  
83273 56425 34245 23246 76879 87435 28184 61547 93671 75364  
72825 34732 53426 47589 73647 58326 15264 37485 63542 43557  
64536 47586 67453 45684 65783 74859 82736 47382 74651 27631  
72361 74827 36452 35263 72813 26743 84732  
134 57 00000

**5197 kHz, 20-04, 2130 UTC**

634 183 77  
73413 48673 92659 68289 43584 32573 24589 34134 65918 95946  
19647 87484 25986 28546 59196 27324 59872 48247 28485 96176  
87475 92763 83465 14592 56293 28983 29384 98329 21839 32874  
93284 98324 59693 25932 15959 61893 26498 23128 96197 12387  
13249 67324 76743 43656 87961 28763 54872 35812 54871 63248  
64726 56295 91262 52964 52765 43532 47274 12636 32127 63163  
47263 47623 76275 26543 76437 36437 64236 43764 28976 49276  
42897 73428 34563 92473 91242 17492 27491  
183 77 00000

**E07****9064/10264/11464 kHz, 01-04/07-04/08-04, 0600/0620/0640 UTC**

024 024 024 1 513 57 513 57  
12959 62837 96047 57368 72122 07669 20448 24891 88376 45112  
83939 14440 21131 50890 41677 01100 49847 32120 97801 44258  
36404 19721 17694 15141 16748 42318 69639 03417 59320 91533  
84379 19675 07924 80692 25255 74182 74278 24758 53256 82761  
14569 02256 36242 75521 33691 88062 57586 52762 88400 94590  
09452 16898 12361 43913 40537 61055 08961 000 000

**14603/13403/12103 kHz, 01-04/04-04, 1700/1720/1740 UTC**

641 641 641 1 485 95 485 95  
47578 60659 12267 06157 73575 33016 91476 93108 72550 87772  
98514 53313 18515 62775 48021 75249 20130 02113 60027 44467  
14632 83386 18859 41803 41497 33752 46810 10951 75502 35085  
58570 81414 07332 60581 40665 09126 48062 75444 85888 65463  
17009 84487 15866 68317 43242 00860 67678 88905 24672 42596  
39329 25952 58054 56183 72473 08793 62117 18362 10596 94257  
32092 55519 41801 17760 80413 18702 53191 55476 85579 69408  
67063 03935 82770 15629 03018 98686 60804 52491 23394 47843  
91513 92308 22824 55784 08356 92552 03089 29982 58520 12747  
08177 08648 98542 75473 20144 000 000

**17474 kHz, 06-04, 1140 UTC**

504 504 504 1 9432 75 9432 75  
32363 19022 26366 47842 11142 34812 68573 97432 65244 15213  
00618 03906 52518 93466 03305 51890 60379 24709 03784 53455  
44849 57511 68736 34288 27654 74869 98366 47183 14619 13751  
03465 78902 27889 28277 62783 31548 39173 36571 56113 52894  
43521 31721 28831 79487 43565 08737 50115 48397 67916 72333  
44174 78225 37046 34540 59793 44616 28078 12977 67138 91844  
05356 00934 96379 46974 41878 35985 22321 49453 84710 42723  
20430 60238 80135 91030 10193 000 000

**14603/13403/12103 kHz, 08-04, 1700/1734/1807 UTC**

641 641 641 1 400 266 400 266  
57478 80711 13558 54394 12645 10970 04034 03996 28317 07704  
32433 67719 76249 52024 07739 97502 28465 93617 46929 26409  
64370 99773 11278 60142 71568 31781 37867 19135 89532 05996  
05891 17581 01355 39510 00522 63039 31610 97790 44786 56523  
03648 54214 44476 41253 67269 18603 31035 65638 20056 25740  
67618 97723 63219 81212 12912 36445 68894 28612 19564 88984  
60567 43234 74514 42508 58572 61661 75238 09551 85654 57469  
20456 05977 56574 47297 28053 23183 38535 87343 87400 50992  
35793 95411 05651 79066 50446 30380 90478 19209 12406 43758  
28571 94027 40393 48907 46058 47725 50911 95990 11438 99946  
36664 71233 39044 11616 92701 75339 51273 95131 69765 80725  
57352 81259 99663 15168 16757 08998 89523 13507 34252 57293  
86490 74804 58562 32144 90930 25906 37459 33318 89423 87962  
31408 54325 50889 92512 99467 87563 50579 87977 51927 02118  
65308 40605 43754 70376 41703 44830 40324 21688 73684 64728  
68197 46584 52927 66088 86996 05109 99028 96046 70528 88822  
23890 41605 15126 81849 09756 91552 74372 39283 67446 58005  
91478 34547 24778 15289 18381 57480 17355 39170 73913 01650  
60110 97174 96032 03651 43682 75462 87807 77040 18652 58491  
82454 68835 44043 03091 04557 08544 90246 70886 55621 35263  
95767 51909 55667 61167 19211 40525 16975 42413 98671 85089  
85584 72381 95114 26266 51650 66310 63267 15628 59446 98019  
40440 59816 75410 13526 82005 53744 78321 71902 87032 23352  
12756 24649 09209 29557 87880 42600 31962 93261 30591 20231  
83047 08723 99397 22400 34168 62581 22049 25217 33444 68126  
92766 08779 93556 14313 78702 09036 28303 71273 75292 75736  
43330 01112 00706 13628 82100 81193 000 000

**9387/7526/5884 kHz, 12-04, 2010/2030/2050 UTC**

358 358 358 1 9951 65 9951 65  
43308 54860 64527 75348 11132 14589 06788 24920 88882 45058  
82626 46884 49645 52938 42658 49880 62360 47773 16260 21901  
52800 74696 01769 94209 34998 85272 29054 37475 93635 57636  
74567 94560 87109 10732 86038 89794 36175 83573 77823 52258  
99309 58981 20450 69712 08869 29331 98323 85549 95687 71786  
82088 78579 14292 73636 09118 67154 82029 95101 40404 55166  
11293 15098 39277 18439 09653 000 000

**19074/17474 kHz, 12-04, 1120/1140 UTC**

504 504 504 1 340 71 340 71  
11019 24523 76879 44345 37151 97169 27257 58968 91328 52672  
70851 01061 60166 25354 22964 56841 26402 54948 22604 15016  
67229 00194 11736 14268 11443 67566 81350 61492 50530 99418  
83809 24944 73328 19766 91042 63384 19576 14479 36509 20490  
40182 82967 85262 23291 22144 42229 03074 88889 65198 35014  
81110 37977 45038 49067 39576 47286 77227 45000 13005 27814  
98677 63421 80239 13556 22616 28754 01027 63791 04739 38854  
11085 000 000

**9064/10264/11464 kHz, 21-04/22-04/28-04/29-04, 0600/0620/0640 UTC**

024 024 024 1 290 23 290 23  
34862 41586 44264 28248 43104 48929 84442 67374 62207 04540  
41815 23787 36586 09242 14931 70756 00852 13759 16664 04197  
90865 41657 90260 000 000

**14603/13403/12103 kHz, 11-04/18-04, 1700/1804/1908 UTC. Two messages**

641 641 641 2 468 293 468 293  
06573 49680 55921 13254 15182 61016 38919 69806 95603 82671  
40428 88655 52552 41615 23970 00442 48682 12322 57741 85286  
60247 05724 51995 79508 26877 88201 27568 98250 75253 53110  
33633 21989 18840 77518 54531 66885 49162 65457 62695 95807  
55435 32691 03668 99226 56620 30261 22671 97296 81691 87829  
92422 34302 87114 51520 49018 82804 84602 53597 45688 41647  
52335 54597 35496 24533 29582 58630 00195 67220 75096 93337  
29575 18310 17700 86592 37452 00143 84899 89588 10671 18812  
71079 21764 37060 62010 63669 69342 22555 02586 11589 87802  
01926 51640 00747 48719 12605 72818 52801 39770 12315 74774  
34661 37954 95426 79303 63426 34186 81989 66843 00020 28266  
01602 21018 32796 03419 32708 88548 85631 58861 31382 19132  
14618 09247 98229 73801 94030 91212 29578 96328 24148 34488  
69918 42771 75472 76920 39439 01255 75450 70871 53134 93884  
41210 72512 27302 12429 25691 87834 27069 49059 62162 45869  
33052 52569 75010 11301 22980 17271 25532 42872 88348 89692  
85943 29765 61091 07005 11421 88834 03382 52910 14944 12474  
74908 47294 37832 74759 88155 98704 07174 71453 75546 21334  
58443 76025 08789 88476 35993 22909 48554 50150 67257 94160  
57930 31935 65589 95274 76056 78952 61475 99172 45303 33003  
92520 25070 65497 71092 67718 59298 68707 24131 97576 92620  
71418 25322 24557 96654 41217 57996 74524 66925 63094 28643  
02626 51416 08607 80940 96081 54002 18580 64434 22716 95402  
22375 18551 65579 35521 27420 23999 48870 79212 22736 66656  
64395 73565 27885 17524 28831 71648 22738 25541 33373 74632  
85724 39936 70867 76474 63631 19048 80109 92251 88494 28979  
04636 63176 82378 85159 22446 07337 00447 39159 54564 17214  
83886 09805 07958 13811 58732 54616 20000 95236 83336 91942  
27214 36133 82303 85580 89107 17349 01623 23162 03287 48321  
49873 97602 23138

641 641 641 2 400 266 400 266  
57478 80711 13558 54394 12645 10970 04034 03996 28317 07704  
32433 67719 76249 52024 07739 97502 28465 93617 46929 26409  
64370 99773 11278 60142 71568 31781 37867 19135 89532 05996  
05891 17581 01355 39510 00522 63039 31610 97790 44786 56523  
03648 54214 44476 41253 67269 18603 31035 65638 20056 25740  
67618 97723 63219 81212 12912 36445 68894 28612 19564 88984  
60567 43234 74514 42508 58572 61661 75238 09551 85654 57469  
20456 05977 56574 47297 28053 23183 38535 87343 87400 50992  
35793 95411 05651 79066 50446 30380 90478 19209 12406 43758  
28571 94027 40393 48907 46058 47725 50911 95990 11438 99946  
36664 71233 39044 11616 92701 75339 51273 95131 69765 80725  
57352 81259 99663 15168 16757 08998 89523 13507 34252 57293  
86490 74804 58562 32144 90930 25906 37459 33318 89423 87962  
31408 54325 50889 92512 99467 87563 50579 87977 51927 02118  
65308 40605 43754 70376 41703 44830 40324 21688 73684 64728  
68197 46584 52927 66088 86996 05109 99028 96046 70528 88822  
23890 41605 15126 81849 09756 91552 74372 39283 67446 58005  
91478 34547 24778 15289 18381 57480 17355 39170 73913 01650  
60110 97174 96032 03651 43682 75462 87807 77040 18652 58491  
82454 68835 44043 03091 04557 08544 90246 70886 55621 35263  
95767 51909 55667 61167 19211 40525 16975 42413 98671 85089  
85584 72381 95114 26266 51650 66310 63267 15628 59446 98019  
40440 59816 75410 13526 82005 53744 78321 71902 87032 23352  
12756 24649 09209 29557 87880 42600 31962 93261 30591 20231  
83047 08723 99397 22400 34168 62581 22049 25217 33444 68126  
92766 08779 93556 14313 78702 09036 28303 71273 75292 75736  
43330 01112 00706 13628 82100 81193 000 000

**15819/14419/12219 kHz, 23-04/25-04, 1900/1920/1940 UTC**

842 842 842 1 499 62 499 62  
65826 91918 90488 23537 61250 97309 84565 97814 63977 09495  
06033 05085 49236 00353 40957 86194 31420 18836 44810 04607  
23484 63600 21487 48200 57005 44140 51812 12445 80751 25914  
14903 18114 63134 94817 23359 52996 50914 30922 62759 80060  
54488 03749 25816 81379 34818 05008 59886 57003 42986 26806  
34433 49116 65873 37188 91711 77387 94704 00153 14240 57896  
24197 45436 000 000

**14603/13403/12103 kHz, 22-04/25-04, 1700/1731/1803 UTC**

641 641 641 1 292 245 292 245  
63482 36982 88193 52774 29048 13186 07186 76447 93798 05604  
00293 04145 51616 61853 10698 13214 00949 92120 04616 20438  
41383 52521 33178 77193 68196 98220 83379 05112 10890 66512  
28772 83340 92106 53216 43684 02864 74850 66180 74417 61122  
19257 72939 34871 40565 15660 43050 63165 54912 96888 18436  
42619 71654 55918 31678 11424 48644 28083 76493 19151 82683  
84739 21039 38506 74440 81736 69283 49678 84454 35304 95038  
56071 70836 07813 29637 97222 44434 69409 57319 42235 74628  
04563 35004 45215 58361 77431 23177 94929 37336 91964 18179  
88228 33358 38324 36652 02730 00054 81558 26905 66140 15684  
33169 02345 01759 15639 19241 64992 41696 09178 82631 12939  
47692 66904 87785 59713 74702 08416 06703 00915 21413 13756  
72420 35256 65472 94887 21670 41278 98872 94274 32695 47920  
30390 31410 75441 87456 40399 76596 34363 34815 78324 08318  
66429 48347 30361 76027 37006 20282 40037 72258 48165 82269  
53824 70017 57228 59867 86268 34319 59979 00669 57994 49608  
29383 38647 95086 41808 35689 96850 40700 79846 04252 79751  
47547 00380 18273 54267 15897 21460 03864 24281 90650 85157  
20784 95820 65050 86507 16621 56498 53114 67350 13196 63249  
49235 05636 69498 25561 20874 90819 58582 33498 55218 35042  
68891 67700 08705 70152 48563 84302 13075 44926 41083 25624  
96096 67645 28569 59317 31965 30659 38521 24730 13140 89843  
74043 84363 94694 09905 57410 98338 80596 07901 29120 17937  
62678 66498 66823 96076 87520 51141 58476 46080 90937 13879  
22249 61673 96316 44740 89658 000 000

**17474 kHz, 24-04/27-04, 1140 UTC**

504 504 504 1 321 89 321 89  
52825 06858 39168 75751 49151 53016 82412 48946 07332 56349  
35239 49497 38080 27389 31417 04607 23565 73305 08961 88779  
68682 89343 81291 58248 20896 36148 67798 96168 16996 49812  
19561 34141 56671 89388 81882 24946 37999 68134 04760 16629  
96920 79478 56473 98615 24418 38559 21835 00716 92568 59879  
81094 84854 53749 65375 39321 31575 05617 50987 10436 88974  
43575 37559 48194 34143 13162 50573 44312 19351 81285 62334  
13210 29067 37356 67163 19557 42009 06613 92790 74807 89311  
55715 91773 10333 96037 20476 50992 54497 51173 88470 000 000

**9387/7526/5884 kHz, 26-04, 2010/2030/2050 UTC**

358 358 358 1 5554 53 5554 53  
50498 33657 27337 63031 75247 63278 03357 60416 34466 10561  
04477 48764 35892 82373 44160 15936 73849 37999 66998 88997  
21207 89432 89380 51001 51204 35158 24035 58184 75658 85972  
25012 80806 66443 43490 49085 47475 53392 24752 49194 47404  
36276 99711 17705 58608 08712 69675 75430 79043 31946 80252  
43262 09507 56596 000 000

## **E07a**

### **8144/6944/5744 kHz, 25-04, 2000/2020/2040 UTC**

197 197 197 1 31905 6143 57 6143 57

52230 20775 52324 07068 59150 62897 11656 19607 22033 47012

99925 66068 44992 38158 05412 97863 62721 64466 27153 71855

16581 05430 80312 85475 89802 34308 21356 98713 84602 79866

73356 53061 18124 15054 98781 48991 10235 90351 77351 01645

17493 70763 12033 99886 15927 52537 34916 10505 41224 87629

77399 17394 55499 68701 75646 48156 09247 000 000

### **6788/7488/8188 kHz, 26-04, 0430/0450/0510 UTC**

741 741 741 1 31905 6143 57 6143 57

52230 20775 52324 07068 59150 62897 11656 19607 22033 47012

99925 66068 44992 38158 05412 97863 62721 64466 27153 71855

16581 05430 80312 85475 89802 34308 21356 98713 84602 79866

73356 53061 18124 15054 98781 48991 10235 90351 77351 01645

17493 70763 12033 99886 15927 52537 34916 10505 41224 87629

77399 17394 55499 68701 75646 48156 09247 000 000

## **E11a**

### **5371 kHz, 02-04, 0450 UTC**

### **7864 kHz, 05-04, 1730 UTC**

418/36 Attention

08141 87500 20764 37533 65653 43143 64371 19876 48288 61670

25975 21915 70513 15084 18841 28018 94106 07708 30864 72302

38256 28373 22745 58536 90401 50686 26316 60415 18214 37708

01803 52638 29587 78039 74660 13581

Attention (message repeated) Out

### **13470 kHz, 02-04/06-04, 0600 UTC**

180/27 Attention

26178 68158 33365 23981 26797 11549 99802 38548 21294 80018

64617 06364 45548 16759 91414 43638 15825 74734 67521 22351

12597 72702 51196 67097 60420 23173 43698

Attention (message repeated) Out

### **10213 kHz, 02-04, 0745 UTC**

### **10330 kHz, 05-04, 1530 UTC**

262/34 Attention

97486 50622 83839 45088 49260 73356 62853 70559 38422 50730

66566 46629 59645 64357 46695 91440 32864 47216 88272 44498

28454 80599 69705 95403 76086 30918 89207 60164 90113 96084

39541 45930 50830 39958

Attention (message repeated) Out

### **10800 kHz, 03-04/05-04, 0645 UTC**

518/39 Attention

65285 41261 38797 62431 38043 94288 74174 45035 75676 51657

69755 13934 99430 92124 97369 11228 80420 91175 93443 06581

26493 79893 12661 34445 07594 39650 57474 34008 49291 85450

81173 92708 16768 59503 97538 55545 32825 90026 08563

Attention (message repeated) Out

**7840 kHz, 03-04/06-04, 1000 UTC**

300/36 Attention

12510 08920 64697 88969 44059 67517 31698 22760 66610 36433  
43482 48183 59656 57673 45112 69920 02284 40025 26116 53540  
10728 88950 09635 42007 71504 18658 32201 96055 96806 47363  
06044 14787 86952 69153 02503 67003

Attention (message repeated) Out

**13046 kHz, 03-04/07-04, 1345 UTC**

911/34 Attention

92084 80643 21198 86511 17977 84639 31119 63993 04516 10929  
41302 54768 66684 27343 04122 08950 01746 70807 71877 95257  
83152 43278 16548 26502 00684 77785 37500 12957 03450 01753  
52712 12397 10313 70950

Attention (message repeated) Out

**6807 kHz, 04-04/05-04, 0930 UTC**

273/35 Attention

30277 41630 24770 49662 45222 18315 93437 27927 60845 02004  
47367 20609 82623 96205 85581 37433 38491 80509 77050 94307  
04765 06138 32097 46020 48188 38504 81441 66903 07503 57818  
49627 61835 03534 62769 10091

Attention (message repeated) Out

**10448 kHz, 04-04, 1625 UTC**

972/39 Attention

66038 78952 81237 19380 93867 98311 22981 98655 96987 01804  
97581 93294 06924 21732 50071 65246 92217 42354 54968 41357  
10113 70679 96129 37504 96771 93931 84378 18077 97340 45800  
81879 20161 48889 11704 97114 26551 28769 00668 88198

Attention (message repeated) Out

**12153 kHz, 09-04, 0640 UTC**

944/35 Attention

74704 61505 51891 24723 88322 00350 54289 61046 45801 26650  
33131 37290 51913 43475 18884 77934 51210 62289 37014 19126  
54751 34921 64184 63634 62078 26002 31785 08677 43755 98516  
28391 05407 40122 09707 52958

Attention (message repeated) Out

**5371 kHz, 09-04/12-04, 0820 UTC**

434/33 Attention

69683 28029 79034 21229 69582 69036 71239 07141 04615 47872  
14276 72869 29427 44208 13895 22662 27006 02613 92863 97666  
61647 66976 03541 62256 45715 74523 41179 59504 97756 80679  
54146 97204 05832

Attention (message repeated) Out

**7317 kHz, 09-04/11-04, 1045 UTC**

696/36 Attention

64558 17314 81206 29347 97021 95738 25783 84284 67053 67886  
00097 51077 52330 27425 01226 66026 75106 61459 57045 73361  
26683 91972 01338 51446 49011 86680 77202 77754 85576 81911  
97354 32036 65748 77475 14250 75476

Attention (message repeated) Out



**20286 kHz, 09-04, 1225 UTC**

520/40 Attention

61150 14340 15928 32584 97426 96396 06622 16617 30363 28071  
02626 86723 62824 52889 16899 20781 87219 31806 00456 68616  
28723 39294 86183 76811 28081 81136 20839 38987 11127 38646  
44949 98008 61711 85576 86874 62265 82777 99581 96499 51394

Attention (message repeated) Out

**10213 kHz, 11-04, 1705 UTC**

391/35 Attention

18858 07514 72577 74342 35717 99102 14809 45646 45444 79112  
94535 47697 21048 93831 97297 20455 92956 84308 23949 98249  
61083 40565 26680 83051 07307 26557 01241 88821 76417 57457  
51277 18228 54917 71884 13264

Attention (message repeated) Out

**8102 kHz, 14-0/15-04, 0710 UTC**

495/39 Attention

68967 56544 18750 26204 83950 79915 50367 23624 80391 36052  
93523 18861 81257 63542 66443 97432 27688 08603 96103 87821  
23502 08499 38229 96029 78169 88335 28206 36430 83776 53183  
60728 95142 09404 25310 77352 95881 07787 74844 40501

Attention (message repeated) Out

**9200 kHz, 14-04/15-04, 0805 UTC**

316/40 Attention

87244 60656 74488 38320 66712 65642 99527 88901 76367 14651  
34588 74889 41184 19240 96609 44728 16641 57358 75368 56291  
04377 85118 00605 11574 62142 48576 01499 18426 83228 55843  
21716 48209 11016 71676 04887 27946 43577 73699 75488 11563

Attention (message repeated) Out

**8186 kHz, 14-04/21-04, 2005 UTC**

369/34 Attention

46035 84013 66543 87515 64000 83899 38417 68432 53685 66637  
67543 79560 09716 23007 85088 33696 18091 86025 96027 44254  
16411 11478 06851 02856 35659 62189 24891 16961 30308 78883  
09806 00555 33736 83813

Attention (message repeated) Out

**9399 kHz, 16-04/18-04, 0900 UTC**

535/36 Attention

01129 30700 40518 64617 74186 93872 88630 60434 55768 13059  
64747 11634 59404 28683 47376 79525 06326 60368 00976 87636  
94187 01390 81943 13569 75041 17120 90775 75459 26589 48967  
39282 92188 11576 71537 32197 08761

Attention (message repeated) Out

**13470 kHz, 16-04/22-04, 1745 UTC**

242/39 Attention

47957 38646 72583 79251 06896 44346 33382 71289 07542 62258  
53503 79367 34145 16908 20337 46951 87897 82225 23578 98132  
66148 25141 75144 41989 18488 10404 67524 48339 62009 47102  
92393 35286 49384 30949 83913 18029 53462 13901 03538

Attention (message repeated) Out

**12530 kHz, 17-04, 0820 UTC**

131/38 Attention

41411 35258 97040 38532 86997 89407 62264 82413 61526 56408  
09296 04361 24472 62796 02064 82471 34624 26551 74834 72761  
51233 94933 76115 09044 62229 53122 09009 57374 64543 92688  
35868 99679 45973 19693 79528 98089 27577 93581

Attention (message repeated) Out

**10246 kHz, 17-04/19-04, 0845 UTC**

152/32 Attention

20527 41121 67523 31702 02117 79244 13686 23008 97310 26435  
65463 30981 68912 16664 17233 43297 04630 36545 34047 84797  
32576 58658 15522 69713 28849 02314 66538 06300 79457 59127  
63593 82123

Attention (message repeated) Out

**6397 kHz, 17-04/22-04, 1605 UTC**

237/40 Attention

64541 94711 02702 45768 81297 66853 90450 91286 42896 48920  
43405 07444 48305 82929 76804 97905 53602 65214 71327 22555  
50290 40823 29373 72858 12361 13633 05670 10905 31625 13159  
95679 50140 55942 50558 07507 71377 93211 07816 10707 51647

Attention (message repeated) Out

**5844 kHz, 18-04, 1730 UTC**

402/38 Attention

09473 82161 64860 43559 16090 86568 17593 76002 72278 11853  
83159 68074 56307 28492 26989 73054 14015 71106 74738 09047  
37718 44881 43738 74099 63245 84295 37963 83449 83373 69682  
12891 85227 08204 03343 34359 94392 21028 88725

Attention (message repeated) Out

**5082 kHz, 17-04/20-04, 0700 UTC**

573/38 Attention

53309 88885 40305 63560 13691 98285 08625 28027 62022 92795  
67393 36718 65747 94658 81023 59725 55114 95340 85498 22759  
24691 14914 76023 36768 06008 78484 01038 44826 50546 85104  
76699 01709 23843 16934 16341 99772 87839 75570

Attention (message repeated) Out

**5844 kHz, 21-04, 1730 UTC**

409/38 Attention

09473 82161 64860 43535 10090 86568 17593 78002 72278 11853  
83159 68074 56307 28492 26989 73054 14015 71106 04738 09047  
37718 42881 43738 74099 63245 84295 37963 83449 83373 69682  
12891 85227 08204 03343 34359 94392 21028 88725

Attention (message repeated) Out

**7317 kHz, 23-04/26-04, 1900 UTC**

646/34 Attention

45494 27243 91219 69978 00129 00512 96465 27959 38185 32373  
22195 57369 61466 66993 75100 68749 51891 82135 02710 85920  
48876 42211 18471 70516 95230 25822 22021 19352 47861 64668  
72937 50655 34304 56235

Attention (message repeated) Out

**7727 kHz, 24-04/25-04, 1205 UTC**

461/31 Attention

52816 59106 57242 81731 30864 20520 80521 33794 82548 37284  
61366 68291 13507 55990 16072 17101 91571 65849 17566 23588  
75409 88969 11345 89452 35117 54404 02138 78481 68421 64632  
86814

Attention (message repeated) Out

**10800 kHz, 24-04/26-04, 1645 UTC**

330/40 Attention

18939 35722 53003 81316 12913 66705 87872 83246 39467 61404  
73012 14887 15907 27596 09751 65737 21862 63042 90334 38454  
04941 13852 58352 14082 24434 74769 41999 66128 04767 04654  
20460 81858 02288 62659 99324 09615 62689 29584 39272 48747

Attention (message repeated) Out

**10620 kHz, 24-04/26-04, 1925 UTC**

552/32 Attention

79861 49263 62570 29277 26013 87616 67145 08390 73492 07121  
67997 03528 53002 70414 73736 31304 97811 17070 65417 17401  
80655 19119 08819 65520 20987 05131 88598 53112 64108 86391  
52809 78021

Attention (message repeated) Out

**10302 kHz, 26-04, 1300 UTC**

580/31 Attention

75444 64117 01646 93404 91959 98736 67433 54920 30739 06478  
22604 06484 21375 50085 80818 64775 52415 53813 89067 70146  
00614 25047 51728 87327 23081 67051 16646 16592 92375 52410  
55787

Attention (message repeated) Out

**9963 kHz, 27-04, 0715 UTC**

639/35 Attention

20495 32823 01383 79365 14438 26584 50287 56245 01013 47517  
70069 17568 93019 85939 13237 99992 92748 08566 81382 64148  
03674 28006 51720 96289 39312 47908 44279 75205 76805 28733  
67031 00433 49855 84679 50052

Attention (message repeated) Out

**8530 kHz, 27-04, 1910 UTC**

618/40 Attention

62736 39080 54380 07745 22313 64046 52758 79266 29909 97010  
97533 93765 00517 89902 69726 28234 62285 66955 08186 85648  
44081 20485 66417 13320 xxxxx xxxxx xxxxx 9977x 80163 70794  
31532 75837 38593 19972 61494 06954 08481 24542 12998 45499

Attention (message repeated) Out

**E17z****14260/12930 kHz, 05-04/12-04, 0800/0810 UTC**

674 215 8 63024 84648 97814 65521 45784 74844 00641 99629 215 8 00000

**14260/12930 kHz, 19-04/26-04, 0800/0810 UTC**

674 902 5 69856 82541 98423 79033 15452 902 5 00000

## G06

### 5934 kHz, 12-04, 1830 UTC

579 273 62

64537 27364 28374 34736 39291 27384 37438 28372 27480 94832  
74563 38458 83492 29310 18237 74391 37281 17283 84032 72362  
84393 67482 56464 69738 26491 32642 13794 83842 23810 47131  
95437 82683 73913 74592 43618 74932 74924 74297 43621 94724  
84538 85937 34021 83929 90184 72641 84829 74826 48231 83732  
72642 85914 38539 34752 75392 83482 75637 73892 95736 64612  
84759 76491  
273 62 00000

### 5442 kHz, 13-04, 1930 UTC

947 273 62

64537 27364 28374 34736 39291 27384 37438 28372 27480 94832  
74563 38458 83492 29310 18237 74391 37281 17283 84032 72362  
84393 67482 56464 69738 26491 32642 13794 83842 23810 47131  
95437 82683 73913 74592 43618 74932 74924 74297 43621 94724  
84538 85937 34021 83929 90184 72641 84829 74826 48231 83732  
72642 85914 38539 34752 75392 83482 75637 73892 95736 64612  
84759 76491  
273 62 00000

### 5442 kHz, 27-04, 1930 UTC

947 183 77

73413 48673 92659 68289 43584 32573 24589 34134 65918 95946  
19647 87484 25986 28546 59196 27324 59872 48247 28485 96176  
87475 92763 83465 14592 56293 28983 29384 98329 21839 32874  
93284 98324 59693 25932 15959 61893 26498 23128 96197 12387  
13249 76324 76743 43656 87962 28763 54872 35812 54871 63248  
64726 56295 91262 52864 52765 43532 47274 12636 32127 63163  
47263 47623 76275 26543 76437 36437 64236 43764 28976 49276  
42897 73428 34563 92473 91242 17492 27491  
183 77 00000

## S06

### 14721/13389 kHz, 03-04, 1000/1030 UTC

### 11073/9412 kHz, 03-04, 1700/1730 UTC

480 127 40

34507 52090 24544 08172 34242 12897 44405 90742 88350 16349  
96209 52957 46195 69442 67819 76785 19672 16034 48159 48597  
13982 31355 28220 76863 98143 60278 90337 71635 06269 35975  
25259 82385 32074 31883 76448 05336 74694 70217 45945 94752  
127 40 00000

### 19078 kHz, 05-04, 0830 UTC

842 169 45

81431 13694 74741 62061 51214 95292 10110 95623 01723 56947  
41972 63016 29794 06259 00397 49920 15467 76596 93122 74496  
21874 28329 40462 0x461 05400 53323 6xx54 63109 34512 42905  
07905 03758 40740 56460 25145 24301 xxxx 12868 28959 34569  
69180 03926 56096 81378 22032  
169 45 00000

**14721/13389 kHz, 08-04, 1000/1030 UTC**

**11073/9412 kHz, 08-04, 1700/1730 UTC**

480 365 42

70589 82923 26824 89765 58148 80068 26130 49585 12374 52666  
98472 56009 61612 32882 66922 09444 32084 68156 93716 75140  
80939 82960 24283 85906 67011 92711 84220 02044 85796 79127  
01365 91883 34722 11922 39634 27120 73397 67790 68444 71952  
26964 64582  
365 42 00000

**13389 /kHz, 10-04, 1030 UTC**

**11073/9412 kHz, 10-04, 1700/1730 UTC**

480 721 40

02603 75046 63126 93200 05567 33184 27254 97132 66210 05386  
26587 61794 94171 51830 16588 53845 27434 80054 52460 60498  
55954 66529 57799 29559 17506 13724 12502 07085 95026 39742  
66180 99221 99945 62554 78683 21360 93558 03133 92306 43904  
721 40 00000

**9123 kHz, 24-04, 2130 UTC**

**5918 kHz, 25-04, 2230 UTC**

726 193 45

53530 26797 30054 21402 30740 51775 10431 04928 77563 36846  
15463 52989 54936 21822 94867 42468 63744 68533 19791 14037  
07029 65589 75332 78520 40559 75019 62542 70632 60232 63010  
20824 04748 99726 81904 96690 12429 36837 95658 89798 66362  
31951 65944 52218 20421 47081  
193 45 00000

Activity page: <http://priyom.org/number-stations/slavic/s06/726>

Recording: <http://priyom.org/media/193197/s06-09123usb-20180424-2130z-byqsr711.org>

## ***S11a***

**13537 kHz, 03-04/05-04, 0735 UTC**

389/40 Vnimanaye

15208 85718 65993 68729 25965 69076 03063 81022 30022 55947  
20324 16661 05873 77406 49116 02597 73894 17496 38401 47884  
91794 76509 05807 06109 84150 24073 05343 34293 80736 10603  
13801 86869 58967 94763 76694 84590 38405 48025 91765 79022  
Vnimanaye (message repeated) Konets

**9960 kHz, 03-04/06-04, 1020 UTC**

426/34 Vnimanaye

72364 08539 13228 75013 54860 81865 90945 23057 74872 64749  
11116 79164 42604 08013 28002 52636 33881 90007 46417 19194  
38926 35425 33832 89106 75773 85343 00114 73289 70866 78151  
58728 80048 37730 41501  
Vnimanaye (message repeated) Out

**5344 kHz, 08-04, 2050 UTC**

482/34 Vnimanaye

70618 64501 73720 02902 50735 89408 35359 95794 57282 53270  
28494 95447 49167 97163 44007 34858 86617 31975 47879 27674  
35737 65112 68786 59990 51943 36434 59183 25569 34511 74976  
32878 43829 17075 24586  
Vnimanaye (message repeated) Konets

**5358 kHz, 17-04/20-04, 0455 UTC**

322/40 Vnimanaye

44391 50798 53200 69678 02780 44636 38831 97018 66823 47235  
39372 76530 41692 88075 89759 90130 10441 30278 51506 29328  
53887 48024 08526 23345 33690 24254 80782 97452 07499 09736  
70941 55940 59254 92097 28705 53972 71854 54140 34334 71186

Vnimanaye (message repeated) Konets

**4016 kHz, 18-04/20-04, 1950 UTC**

379/39 Vnimanaye

78186 33638 54511 28083 43326 10052 62186 57741 51657 24416  
97659 56451 33243 73448 62793 63975 84234 75137 81341 01212  
09232 44256 04669 72999 25891 44113 77289 54540 59947 47434  
65180 63932 80829 79205 44678 69335 46260 73691 73155

Vnimanaye (message repeated) Konets

**10213 kHz, 25-04/28-04, 1850 UTC**

285/39 Vnimanaye

96551 39401 60351 16290 01154 89567 31607 95262 33358 28525  
66644 92584 59006 78445 61361 70349 64655 39788 04900 72474  
29054 80098 74639 87556 10771 48613 32333 61611 91310 34996  
77547 98974 29225 05012 09481 77641 93304 24692 58261

Vnimanaye (message repeated) Konets

**V07**

**14482/13382/11582 kHz, 22-04, 0500/0520/0540 UTC**

435 435 435 1 179 65 179 65

12622 76679 70891 36054 18809 31407 47125 93859 85763 65725  
82584 61337 27230 35932 72365 09531 84747 06195 47472 51352  
08189 14311 78800 39996 84396 89551 37729 11565 19260 54665  
93930 07139 66308 78888 43407 99413 47068 05334 05379 12724  
88033 54166 19653 36696 93871 99325 95430 59392 39879 08636  
86871 23666 56867 97818 16477 53223 89101 31272 79981 14546  
34050 11606 40660 79651 03158 000 000

**V15 via PBS Pyongyang Pansong**

**621, 657, 801, 855, 3320, 6400 kHz, 07-04, 1515 UTC, AM**

North Korean intelligence via PBS Pyongyang Pansong. Message in Korean

**3320 kHz, 12-04, 1615 UTC, AM**

North Korean intelligence via PBS Pyongyang Pansong. Message in Korean

Recording: <http://www.numbersoddities.nl/V15-2018-04-12-1615utc.mp3>

**657, 3250, 3320, 6400 kHz, 26-04. 1615 UTC**

North Korean intelligence via PBS Pyongyang Pansong. Message in Korean

## MORSE STATIONS

### M01

#### 6510 kHz, 01-04, 0700 UTC

463 371 371 30 30 = =  
61937 56570 40050 05042 42315 66344 69695 01433 85551 08170  
84339 85978 92889 67751 36967 18924 88391 12258 34329 26682  
24761 40190 79616 59128 50478 11423 16888 75784 96047 00312  
= = 371 371 30 30 000

#### 5475 kHz, 03-04, 1800 UTC

463 453 453 30 30 = =  
84434 62661 69360 33405 71992 09052 99455 66109 68784 11208  
55414 50442 67421 98412 98987 67281 55578 88717 74976 50653  
67607 28887 60617 00122 74348 59594 04060 18444 86937 94085  
= = 453 453 30 30 000

#### 5475 kHz, 05-04, 1800 UTC

463 381 381 30 30 = =  
60883 38049 53679 98167 49925 79620 92178 71593 98926 73940  
70806 68187 85954 70422 04681 33015 05184 68732 20224 63070  
83059 12148 99258 94015 74291 92590 07677 60621 64951 54420  
= = 381 381 30 30 000

#### 6510 kHz, 08-04, 0700 UTC

463 413/30 413/30  
17136 21068 90430 04021 08308 85817 03203 64923 62703 27686  
58495 26746 35060 50769 42957 55694 01137 52687 54566 05506  
51752 69890 37512 56081 78639 63481 06627 30826 86058 23345  
413/30 000

#### 6260 kHz, 14-04, 1500 UTC

463 834 834 30 30 = =  
98713 22976 71096 90247 62001 28124 33703 80072 59436 53952  
99276 50051 42978 32215 88197 35503 39210 84311 48823 33925  
37534 83004 70353 96688 37536 67307 24250 12607 91618 77016  
= = 834 834 30 30 000

#### 6510 kHz, 15-04, 0700 UTC. Errors (intentional?) and only 21 groups sent.

463 856 856 30 30 =  
11833 68435 38787 65016 84151 10365 59823 54889 41271 23367  
57754 11879 51675 91888 71887 22413 21445 39813 84730 02018  
66049  
= = 856 856 30 30 000

#### 5475 kHz, 17-04, 1800 UTC

463 117 117 30 30 = =  
92905 45896 79968 08705 34062 54903 38540 40539 71837 54010  
63984 19565 69509 64454 24052 71245 34656 46328 09518 46841  
83359 00806 23341 82870 80695 80466 12807 43571 18895 81576  
117 117 30 30 000

**5020 kHz, 17-04, 2000 UTC**

463 728 728 30 30 = =  
76174 45667 83953 59727 11020 87992 52561 96033 4.667 53450  
88656 87363 80232 49048 59582 97095 62672 28464 76744 33587  
75567 90370 68088 71632 01510 67118 36497 01523 33535 62277  
= = 728 728 30 30 000

**5475 kHz, 19-04, 1800 UTC**

463 554 554 30 30 = 7= =  
42402 65119 16414 09188 47544 56051 06638 04404 81901 12104  
85648 10331 66735 06298 52362 12291 96319 16804 78147 23490  
35796 67483 20502 00208 98325 46126 72485 64858 26206 64111  
= = 554 554 30 30 000

**6510 kHz, 22-04, 0700 UTC**

463 731 731 30 30 = =  
84534 62663 69361 32477 19987 09021 99455 66107 79784 11208  
55413 55063 67421 98413 98986 67288 53547 88717 74978 50663  
76506 27767 60761 03122 74346 59549 04070 18434 88687 94085  
= = 731 731 30 30 000

**5475 kHz, 24-04, 1800 UTC**

463 901 901 30 30 = =  
73861 14957 56087 96592 52535 78665 58817 58981 60168 50364  
73632 03826 04924 69423 78085 28229 57364 80349 36860 08624  
66258 21301 24782 05373 92189 12115 23637 74454 88642 43196  
= = 901 901 30 30 000 Errors

**5020 kHz, 24-04, 2000 UTC**

463 109 = 30 = = 109 = 30 = =  
71034 11095 90121 18245 30099 80447 40700 62737 41166 68176  
58552 84103 63875 25452 49834 14275 61636 79327 18826 54652  
56159 59995 10470 38344 48942 38415 85211 70289 49039 70199  
= = 109 109 = 30 30 000 Errors

**5475 kHz, 26-04, 1800 UTC**

463 437 437 30 30 = =  
74991 49828 49172 72784 86175 56070 61524 50523 16508 07657  
34961 42570 84264 17081 31249 96156 00657 53965 15824 13062  
16436 29464 73331 32676 32363 34296 51752 28259 39439 46354  
= = 473 437 30 30 000

**6260 kHz, 28-04, 1500 UTC**

463 557 557 = 30  
62379 47224 03376 89130 14799 74595 58281 37128 55903 59127  
01271 79722 43463 81030 33767 90103 00875 48258 72052 60371  
86182 38676 57610 10634 82077 79757 56280 73964 35685 09269  
557 557 = 30 30 00000

**6510 kHz, 29-04, 0700 UTC**

463 449 449 30 30 = =  
03780 78194 57565 31987 46709 92047 29189 13107 63610 02688  
12327 24300 99565 57255 09521 88595 05148 53726 38810 49421  
80171 41504 66065 51896 40561 61984 18608 61984 18608 17355  
00116 73954  
= = 449 449 30 00000  
(groups 26 and 27 were sent twice)



## **M01a**

### **4683 kHz, 04-04, 1438 UTC**

333 07  
333 11  
333 15  
333 19  
333 25  
111 000  
111 000

### **4603 kHz, 04-04, 1442 UTC**

333 48928  
333 46328  
444  
333 000  
333 000  
111 333 030  
812

### **4830 kHz, 04-04, 1446 UTC**

111 = 80849  
111 000

### **4803 kHz, 04-04, 1450 UTC**

104 104 104 900 38 980 38  
111  
111 333 999 /673229654324467334480 45580/31005000

## **M12**

### **18524/17424/15824 kHz, 02-04/04-04, 1400/1420/1440 UTC**

548 548 548 1 6085 133 6085 133  
21248 29270 41675 92737 53289 90985 98950 05092 98359 66613  
98862 17327 46867 09901 46598 17949 28882 34514 85019 76424  
62498 88582 39498 75685 18102 06398 08022 50618 79713 18010  
93356 25138 41758 58141 25830 25709 14477 64278 29494 87917  
58150 35909 51902 28269 79214 65969 43187 62645 60567 40173  
58833 00180 11081 37714 72942 65185 14837 80569 07501 41239  
03377 17162 09049 09604 88829 94353 27210 65941 21546 13447  
09912 97345 19170 48354 27766 41781 65819 11796 89195 01126  
40829 71241 85452 65219 49746 49728 86554 41886 82598 24161  
58943 50463 68500 29326 32007 10915 70731 35836 67548 99900  
80018 06631 53765 16705 00526 58864 58650 74550 98796 70965  
91776 80621 25230 79985 71890 91071 88333 01055 54387 13959  
40111 13170 76316 33084 68092 21393 66937 82615 97031 60522  
21682 26267 40546 000 000

**6793/5893/4593 kHz, 04-04, 2100/2120/2140 UTC**

785 785 785 1 500 141 500 141  
80050 65446 17371 31402 68593 02358 93511 11784 88774 49790  
42967 99865 12970 55106 45828 81956 66180 85315 74201 75272  
68866 21854 78386 21659 99889 19345 62383 24735 28777 72626  
97395 83945 15384 01335 55790 20134 80209 05435 62303 87644  
47292 49210 09233 58152 86267 21801 75653 49775 00165 39421  
18093 41797 99940 95034 18376 45333 74719 43889 74890 70426  
71743 61686 69738 69136 54280 12462 88517 54160 10753 74019  
41408 05116 54013 83154 54032 56203 44663 22922 31224 57528  
05347 17128 39181 38816 83646 03644 67870 26536 74990 34912  
56130 73731 90347 44778 40513 19336 87092 62459 10025 05777  
15086 34344 34894 79785 48009 12888 85579 41626 48242 13371  
38493 07245 41445 12217 98972 26606 32843 07830 98506 21790  
38693 98269 97193 65446 89750 16991 51215 50519 19156 75227  
82950 69625 88216 66558 33177 41746 63035 59892 83380 23214  
55024 000 000

**14468/13568/12178 kHz, 05-04/07-04, 1310/1330/1350 UTC**

451 451 451 1 9987 63 9987 63  
03714 24593 37686 05780 57364 10278 75970 87813 48797 94355  
60968 06174 56192 67109 32757 78686 52993 95632 94639 43944  
42958 55066 89248 22070 25924 36775 96632 00265 79047 27742  
25988 48690 53609 92998 64576 53929 52454 16932 09810 65126  
97698 47194 98439 92567 11558 30926 37173 20325 93727 92002  
76533 31668 43853 51138 77794 67016 54351 52050 52685 78469  
26961 76006 61439 000 000

**8176/9376/10476 kHz, 07-04, 0500/0520/0540 UTC**

1324 134 134 1 500 141 500 141  
80050 65446 17371 31402 68593 02358 93511 11784 88774 49790  
42967 99865 12970 55106 45828 81956 66180 85315 74201 75272  
68866 21854 78386 21659 99889 19345 62383 24735 28777 72626  
97395 83945 15384 01335 55790 20134 80209 05435 62303 87644  
47292 49210 09233 58152 86267 21801 75653 49775 00165 39421  
18093 41797 99940 95034 18376 45333 74719 43889 74890 70426  
71743 61686 69738 69136 54280 12462 88517 54160 10753 74019  
41408 05116 54013 83154 54032 56203 44663 22922 31224 57528  
05347 17128 39181 38816 83646 03644 67870 26536 74990 34912  
56130 73731 90347 44778 40513 19336 87092 62459 10025 05777  
15086 34344 34894 79785 48009 12888 85579 41626 48242 13371  
38493 07245 41445 12217 98972 26606 32843 07830 98506 21790  
38693 98269 97193 65446 89750 16991 51215 50519 19156 75227  
82950 69625 88216 66558 33177 41746 63035 59892 83380 23214  
55024 000 000

**18524/17424/15824 kHz, 16-04/18-04, 1400/1420/1440 UTC**

548 548 548 1 6460 101 6460 101  
43991 38460 13211 34999 84498 87873 53334 81668 93413 36460  
25096 59503 71787 30832 96065 08864 84435 27855 11193 13189  
73703 72308 46849 52906 30251 11193 10315 39033 51036 96105  
58241 91238 90369 57884 76309 09070 75526 19077 02399 78247  
43820 89401 06477 90586 63678 99724 81223 26968 56254 38597  
61581 57448 14120 33925 81543 16239 47353 74640 42395 08904  
48486 13979 06525 90092 86924 10533 72568 27423 09581 64437  
63645 94240 94023 43223 41679 31871 73482 71936 85650 89979  
50784 02742 44533 55823 83042 01815 76995 47116 33670 79738  
99233 57632 88561 53604 18357 24498 82003 51759 17278 68740  
88648 000 000

**6793/5893/4593 kHz, 18-04, 2100/2120/2140 UTC**

785 785 785 1 8998 115 8998 115  
 48819 99591 98100 47991 19956 92138 59518 35263 54590 86378  
 95542 89305 04120 80874 28001 82521 82163 94231 34728 91003  
 71928 10366 22914 37547 07419 50040 13070 91001 00693 48354  
 26167 57796 52901 32424 36031 39622 96051 17883 32963 13962  
 73155 19139 17305 55467 88035 34315 46598 92643 81917 19317  
 42013 85320 62707 75435 98083 51141 10677 47096 90426 85847  
 42613 60733 21892 59674 89542 50045 37592 70060 19078 70772  
 99990 10898 66247 60556 41620 72921 07929 81432 35746 06658  
 34923 32475 55914 18403 11279 11017 18741 35183 51397 59045  
 26584 99601 11597 51933 30593 50245 85324 58884 60618 10962  
 38305 88942 31880 47846 38480 15096 02806 00191 56657 94821  
 74035 33533 53938 37385 91198 000 000

**14468/13568/12178 kHz, 19-04/21-04, 1310/1330/1350 UTC**

451 451 451 1 240 83 240 83  
 78047 82479 13606 24049 80666 63408 57679 76050 03046 93099  
 03075 66485 06930 30861 99698 36569 84169 36941 55669 34361  
 81836 62792 05069 79996 48605 53940 00040 06432 54057 38682  
 30864 04656 63433 80688 99999 99611 63428 33008 25852 54976  
 18789 32784 84837 70120 88259 87151 96056 14590 43698 79570  
 39281 77643 20923 95583 21633 59786 05995 83901 74772 00829  
 58240 81612 18326 42436 50753 39674 70303 32177 64305 23777  
 43837 18848 59260 47049 49012 63719 27813 69852 08462 48134  
 56553 01394 72456 000 000

**8176/9376/10476 kHz, 21-04, 0500/0520/0540 UTC**

134 134 134 1 8998 115 8998 115  
 48819 99591 98100 47991 19956 92138 59518 35263 54590 86378  
 95542 89305 04120 80874 28001 82521 82163 94231 34728 91003  
 71928 10366 22914 37547 07419 50040 13070 91001 00693 48354  
 26167 57796 52901 32424 36031 39622 96051 17883 32963 13962  
 73155 19139 17305 55467 88035 34315 46598 92643 81917 19317  
 42013 85320 62707 75435 98083 51141 10677 47096 90426 85847  
 42613 60733 21892 59674 89542 50045 37592 70060 19078 70772  
 99990 10898 66247 60556 41620 72921 07929 81432 35746 06658  
 34923 32475 55914 18403 11279 11017 18741 35183 51397 59045  
 26584 99601 11597 51933 30593 50245 85324 58884 60618 10962  
 38305 88942 31880 47846 38480 15096 02806 00191 56657 94821  
 74035 33533 53938 37385 91198 000 000

**M14****18041 kHz, 02-04, 0500 UTC**

952 637 637 55 55 = =  
 77590 23253 84762 65351 93777 89714 95385 63456 76345 98214  
 93429 17527 98096 17230 18617 88154 44015 64041 94149 50044  
 58772 86006 51803 12120 11515 28250 89147 96976 63878 17469  
 07331 23616 52153 16549 02874 60160 19560 29651 11898 38762  
 59552 62491 30241 49909 56092 67473 57882 58314 31837 28374  
 41122 07570 40179 64267 10959  
 = = 637 637 55 55 00000

**11122/9067 kHz, 03-04, 1130/1200 UTC, unscheduled transmissions**

825 (R4) 468 468 53 53 = =

03089 20579 05389 37658 72171 95830 20981 62977 88969 97937  
57549 53221 63415 17453 47317 41837 99438 32498 48263 30520  
39471 00028 44145 08051 52399 64357 30942 01273 82170 68933  
19411 06623 99228 82249 08446 75672 21964 73870 08924 53115  
00374 01481 22726 90623 79122 94917 06627 85026 82176 48103  
75725 14241 86207

= = 468 468 53 53 00000

**5740 kHz, 03-04, 1600 UTC**

**5740 kHz, 17-04, 1600 UTC**

725 831 831 86 86

48480 16661 33760 87655 09866 39020 07432 13002 83397 63772  
26339 28634 70266 80395 69344 06187 72821 40122 26288 10261  
47100 80190 42630 85073 63085 83531 82210 15213 75666 53459  
60450 33582 56529 61267 19285 80942 87782 80536 98652 24829  
73422 26488 93080 04597 43905 15652 72279 17437 65781 64285  
97463 40321 89628 39409 68866 97275 28236 82670 75313 92165  
26151 12116 43193 14313 00497 25485 20384 73547 23742 72875  
93414 34901 95595 14866 99052 71269 40449 96005 70149 41856  
80597 62774 22424 56157 20096 67627

831 831 86 86 00000

**18041 kHz, 04-04, 0500 UTC**

952 367 367 50 50 = =

08286 29564 31221 75826 05369 35301 69239 51144 00960 72606  
74294 77954 87121 86144 66469 15440 28596 18739 30454 14955  
96681 74518 00061 86352 19623 64595 55344 27298 47930 27443  
93203 20263 58090 41167 57600 26874 43084 69869 39992 34323  
63162 11264 86257 33510 55313 37766 70855 33609 24857 48221

= = 367 367 50 50 00000

**18041 kHz, 09-04, 0500 UTC**

952 714 714 60 60 = =

29376 11782 49652 97243 96547 75489 85864 58752 66766 42210  
08832 76563 51459 47667 65117 98217 36933 41436 67811 90217  
35956 63599 73553 91882 00762 28530 95192 47420 27172 64237  
92289 27164 04518 80724 06628 73899 91044 65780 34943 35237  
19500 31655 56033 67946 62580 61046 54468 25210 12933 25850  
08049 62719 57387 77087 31243 24557 50121 29476 91748 94803

= = 714 714 60 60 00000

**5939 kHz, 10-04, 1800 UTC**

346 490 490 91 91

52378 90126 42876 19097 06132 72691 48071 25375 61608 72421  
83606 51026 83528 91905 72231 63881 92244 04190 63217 66747  
98414 20204 53261 74194 52781 84390 71515 45020 75229 83129  
62467 84309 85561 29900 06718 53771 28431 53908 61234 43910  
63598 61734 83264 61905 72426 76149 62527 79010 63381 19427  
63841 53991 73062 20719 63735 64490 26173 45590 80961 30352  
53125 56123 87610 85171 31010 53430 80127 63530 70771 10323  
73630 09372 53610 87031 52890 63781 32084 52100 00340 62721  
52400 62826 61120 54622 71060 64991 24051 00647 73809 62841

32465

490 490 91 91 00000

**5463 kHz, 11-04, 1920 UTC**

537 490 490 91 91

52378 90126 42876 19097 06132 72691 48071 25375 61608 72421  
83606 51026 83538 91905 72231 63881 92244 04190 63217 66747  
98414 20204 53261 74194 52781 84390 71515 45020 75229 83129  
62467 84309 85561 29900 06718 53771 28431 53908 61234 43910  
63598 61734 83264 61905 72426 76149 62527 79010 63381 19427  
63841 53991 73062 20719 63735 64490 26173 45590 80961 30352  
53125 56123 87610 85171 31010 53430 80127 63530 70771 10323  
73630 19372 53610 87031 52890 63781 32084 52100 00340 62721  
52400 62826 61120 54622 71060 64991 24051 00647 73809 62841  
32465

490 490 91 91 00000

**18041 kHz, 12-04, 0500 UTC**

952 486 486 50 50 = =

62458 31904 48410 79689 16684 13820 31365 58519 16927 74727  
80358 55735 14156 66122 11142 16479 40980 60596 09398 57812  
00949 42086 00754 12538 56391 88809 84175 89910 00720 78549  
77174 95428 26152 71002 46268 76899 22776 46856 21141 88959  
69900 08296 15920 93238 05630 70625 06027 36357 85600 99688  
= = 486 486 50 50 00000

**18041 kHz, 13-04, 0500 UTC**

952 301 301 60 60 = =

13883 34795 88729 45728 94593 19666 80487 45725 21625 95034  
83297 14424 57913 60721 96927 28052 55567 84664 72041 70767  
30564 70165 20225 50529 25832 60407 18483 16824 11147 54881  
54142 78647 93283 07488 11107 54524 34848 60895 79399 68947  
05263 71943 66917 54939 12292 67714 25359 27411 87587 66988  
26241 07004 24670 63906 47950 99116 92788 91020 59778 57786  
= = 301 301 60 60 00000

**18041 kHz, 16-04, 0500 UTC**

952 487 487 60 60 = =

35128 50769 81730 48386 06285 70641 50657 86461 91879 14852  
53587 13925 10349 98413 54726 72482 48618 22923 71882 75355  
68882 54207 83497 36274 21736 31725 94356 91571 26572 14384  
83437 33401 05253 92467 82320 95424 79869 20377 57607 58666  
70657 49845 95773 69549 54919 68337 13909 87324 72927 72312  
44768 03083 91737 30032 69578 97539 62848 13612 97032 29771  
= = 487 487 60 60 00000

**18041 kHz, 18-04, 0500 UTC**

952 704 704 60 60 = =

48805 39225 16169 40364 60006 83031 00580 81160 16980 29238  
24235 32221 84545 70081 52018 31457 94716 52909 36071 51574  
46060 20726 17265 01217 78152 28224 28130 13312 82072 37999  
92644 37814 32863 26618 75358 81031 54912 55243 53255 58719  
56169 84496 08814 55131 92153 38248 67702 05216 45689 46013  
29527 42142 33289 18657 65098 77353 74146 37087 78626 05316  
= = 704 704 60 60 00000

**18041 kHz, 19-04, 0500 UTC. Stops after 49 groups**

952 816 816 50 50 = =

42315 80112 08711 75649 84596 98192 23386 24988 84066 24170  
20138 61736 26007 91170 73171 74758 18970 38118 32933 70465  
40886 59040 66415 43074 34106 97011 20604 60588 69049 31155  
51251 77436 01158 30157 84179 09712 90831 70711 01282 33944  
41054 44358 68422 95348 32360 01119 47416 36478 19875

**18041 kHz, 20-04, 0500 UTC**

952 734 734 60 60 = =  
91823 79102 05532 17378 47691 42577 98186 30012 22398 97527  
98678 54439 20677 01189 36032 25016 35479 99149 17367 48214  
28533 21905 79404 03908 55535 04549 55699 25277 84402 71805  
70529 12004 80037 55573 95383 56470 54021 37186 28986 87616  
02703 31555 86787 62178 82087 55403 10878 57959 92989 46766  
36237 48853 74875 27951 74273 66287 31833 29136 99582 76782  
= = 734 734 60 60 00000

**18041 kHz, 23-04, 0500 UTC**

952 806 806 55 55 = =  
29007 13607 56677 69558 32584 20632 49501 82254 39237 71202  
96220 21782 49637 02542 27249 36769 64717 83254 80314 64368  
87789 92668 40908 51242 23246 83089 97279 47313 39026 60891  
89677 70694 85045 47402 58512 67253 84764 05511 21128 13248  
42095 42931 31885 34453 30819 28061 05223 40245 58721 79389  
06398 96047 23611 14357 39592  
= = 806 806 55 55 00000

**5936 kHz, 24-04, 1820 UTC**

346 825 825 53 53 = =  
64532 37645 87465 97352 35241 93672 16253 94673 27534 91625  
84673 27354 74653 92673 93863 10923 46537 82635 47653 92635  
37465 37425 26354 81542 93654 97213 27635 48763 87425 63724  
34251 74657 83645 92135 83542 83627 24352 46536 84673 26534  
92534 83564 72431 98354 62435 14231 74653 86546 63523 37647  
73546 53421 26534  
= = 825 825 53 53 00000

**18041 kHz, 25-04, 0500 UTC**

952 610 610 55 55 = =  
43613 54596 26758 22339 41925 12239 70662 46793 21170 54942  
24700 60114 06077 84173 60244 14361 07893 85918 31028 72218  
85136 53235 79656 08310 93909 56557 82889 04359 07453 60196  
27880 99131 09612 08465 36558 79106 91934 29870 80344 20801  
09054 32813 52388 20699 72070 91223 89507 73707 84602 43583  
61029 86093 51204 53751 66700  
= = 610 610 55 55 00000

**5463 kHz, 25-04, 1920 UTC**

537 121 121 56 56  
45644 45646 81348 44564 24779 45456 32468 45313 15879 24566  
56631 98763 65460 51212 53489 43179 55678 89731 38979 32465  
64878 67894 32156 56489 56489 89789 56313 64987 54897 31189  
56478 56789 32188 32489 23458 24878 32485 24589 32489 23458  
89731 23122 32456 54231 21553 84763 32488 02121 03213 21022  
31034 56450 31545 02458 81230 67312  
121 121 56 56 00000

**18041 kHz, 26-04, 0500 UTC**

952 387 387 50 50 = =  
24006 96267 22111 76479 11408 13136 40413 11136 67122 37367  
57362 12245 41480 88275 82782 70201 67873 14920 47489 41702  
17849 90335 68205 43050 11377 81650 91865 40436 11996 44506  
61501 48118 61489 15244 70902 70465 33815 99274 00227 48769  
12956 79083 49760 98793 24382 90293 14008 49973 74814 39243  
= = 387 387 50 50 00000

**18041 kHz, 27-04, 0500 UTC**

952 692 692 60 60 = =

13649 39911 78449 78599 98193 23208 72710 13284 61068 47657  
 59296 37742 90134 72464 08731 52034 97860 95918 67015 33991  
 87561 80158 48249 46071 06345 10037 97656 94264 58464 53240  
 60972 18739 77246 13873 21100 20904 79191 06685 88001 56597  
 48640 24136 52743 50067 26437 73464 41636 08443 01036 25980  
 31424 31381 25487 45743 11426 15582 08742 29828 03606 98841  
 = = 692 692 60 60 00000

**M21 - Russian Air Defence Forces (Во́йска ПВО Voyska PVO)**

4416 kHz, 09-04, 1803 UTC =992103??0????? =992104??0?????  
 5323 kHz, 09-04, 1808 UTC =992108??0????? =992108??0?????  
 3300.5 kHz, 09-04, 1815 UTC =99?2115?9?????  
 3279.5 kHz, 09-04, 1817 UTC =992117??0?????  
 4391 kHz, 10-04, 2240 UTC =990132??0????? =990133??0????? =990134??0?????

**M51a / FAV22 8ème Régiment de Transmission****6825 kHz, 18-04, 0930 UTC, i.p.**

EAALY VCGRY WNDHR QKNWJ AJAOK UJAOK QMAUJ YHDGT WVQHA ZUSHL AIKDH 35281 BXNDH QMAJK NBCGD XHETS  
 QJSGZ UJGHC ETSCX WBCGZ AUJSK QKLWP 53829 NXBDJ SWBQK LAPMH NCJDU YHDIK 16738 NXDHz UJQHW 1764/  
 NCJDU HQKAZ BXGDJ QKALI HNQGB IKJNH XVSHZ QBWNA YTDGS WBQJU AKHDK LQMAP NBXHD YHSJZ 53803 YHDGX  
 //ZSP JNCGD XHNSJ AUJQL ZUYRT 37264 HBXND KAYSL QMAPO CDHZZ WNQFG DFXVU ZJSKA SKWNV CHDUT YHSLK  
 37208 BXNVJ SKALD TGDJH WBQIL AMPKH BCNDH SJAUG BXVQH ZUJAL HNDJT YHSAK BWNSJ YHDKZ 28563 BXNDH  
 SKAJY HSQKA UJDMP GBCJD XJSUH NWHER GBXVD QJAUD WNQMA QPLHJ FGCVR QKJHF VXBET SFQGA JKWIR TGQLP  
 YHDJZ BWNSJ AUJQK 28765 01753 GBCHS WBSJA WNQJK AIKSL QMAPH YUHDJ SJBSE VXSFS QHAUJ WNQKA IKDGV  
 63784 BGCJD XNSJR SJHQK HBCJD WVSJZ 3764/ WNHSF QJHAU RTDGC XMLQI KDHSB XNDGR SHGIM KJFHC XNWSK  
 ZIJAK WKQLA YHDOL 67849 NXKDJ SHWBS IJDGZ WNBCH UJDKL WNBCH DFZRS WBWNU ZHSGQ AJHCU 78356 WBXVD  
 QJHND UJDHB WCXVS QHAMQ WNHZI JQKAL HNBCJ DUJXB VWGDT ZRFSX WNBHU UHFGC VXSFS WXCSF ZYHQA WNBHX  
 ZUJAL KNJUH BXHDF 65382 BXNSH JQHBX WNBCH FGDHJ WJQKZ HBXKS IAJHF BXNDK SLKWH DYNHR SKZLF DHIQU  
 VCGSH PELEO XAEZ NCBGD MVNBT PTOTI BVNYS SWREG 02589 ZBAQV =.,?/ NCBCH MNLHK CXIKW ASQWE CBXBW  
 LGRPO CBHYW NVVMR 45896 BSGWY .,'<SK>? BCDHE LHPOT BCNDW XMKWU ASQVS NJDEF MFKEV VXSGW 47896  
 MBKIG .,'+/ MCDJU MVLOR ACQRZ NCDHE MBCND LGPRO SN4302 QOWIE ,<SK>'? NVBXC NSWPO NDEYJ DJKET  
 AXZVS NVMRU NDPEJ WRSFU 43269 VCSWH .?,=/ KDWIC SNSJW VZWPO LFMKR DREGN MCEIS MCKDO AFQTH 01658  
 MNGKT /.,' NSYWP ASQEZ NXHWY MXWJK LFPEI CNMWI ZCVQT MVIEW 49635 DSQEF .,'?/ MVLPE QADTD NDJEI  
 CVDDB FKEIS QEAFF CBDFW VFLPE 41203 XCSAD ?,'.= ASQRV NVDSY MCDEI BXBWH ALPQE BCDDY CBXBW NXWPO  
 ?.,'/ MCIWO 52901 SNIWY BDGWT XWEUD NVLEO XWPCN ASKEO BGTEQ CBNSK 41123 MOEPL +.<SK>,' QPALO  
 BCGEY MXNWU CXGAH NBHFE KGORL LBPOF VZXAS QBYXY .,'<SK> VXRAD 25893 VXATG LGPRO DGURA JDIRB  
 SLVIE MNAPO BKHYX VLSDF HTFZI LAFGH INVRG SOPEF 62894 VSQZB .,=?/ CXSAE IDGET NVYUQ ASWOP FJEIR  
 YGVDO PKFUC EXUNF 00511 BSYDH .,?/SOUPE KESYB MDGUC AQNRI SESOEPL CNDKE RWODK 85236 CAXWS  
 .,<SK>' / XLASD RRBGI GBUDE FKHDH TUYOP EDSXW WQAZX OPLMN 25984 CARSD +',? AQPON CNDKW XMAKW  
 DLWPE RUGBY ODFRT BHGCD ORMWX 96547 CMVNR .,/<SK>? LAOSW JDIWH XZNSJ BMNEO RITOF WEISJ SLAOD  
 TNBZMA 32698 LFOTF .,/<SK>' BUHDE MYJHG VDUNH WLODC TYHGB MILKY TUTUT NDCIN 98720 LGOHP ,'/.=  
 AQPWO CNDJW ANDER MORNI PLOFE XNSIW OPKJD EVGCT 63259 BCDGE .,'<SK> MAGDA LTMGRH BIDUL WERTY  
 ALPES HNIFF CMKSE XIOKE '///'. MCKOD 12890 AQPOL CMVNE WJCME SWERP LFKHM IJNGR BCDFY DHBV 25168  
 VCFSG .,?+' VNMRO FKSWU GLOPE NCJSJ KFOGL AQEWF BCNDJ MNKTI PHLOR .,<SK>' NXSFV 20398 BVNDJ  
 FLWOJ ZAQCS JHFRD NJSDE ZPOYT QRWET IYUTO POLKJ ZCXVB MNJHB ASFDG 13957 VXSGW .,'<SK> QDSSG  
 LJPUO NVBFG YRTQW ASZXA QPLIH BCVDN HDYEI 10369 VXSUW '?. , TRYEU QEWAR BCXDS MJKHU RQEOH BGHVT  
 XAZSQ MTEKHJ 47850 BQTBS <SK>/? . XCZPQ MLHPI XASQW SCMEY RSGSW XCADQ PLKMO ZXCVD 75301  
 XUWDAE ./? ,= PLOIU BVDGW QTYRE ZXQWU PRUTY BDGRT XCSRW OKRYU 85247 GRWTJ /?.,' FBFBFI PLOIU VZBQI  
 ETFGR '.,? NVDME 52036 VDGFS SHGCD AZSQL MNEYH DJFVO ALKCI QWIVJ BDGVX 50369 QAVNR '<SK>+.?<br>
 CBXZN MLFKE CALSD ETFUB GDHJQ ZUSGQ WBXVD XNAIK QLAMP XNWBD QJEUDI etc etc

## **M89 - Chinese military**

**4870//6874//8157 kHz, 07-04, 0829 UTC, i.p.**

AR

MSG NR 0406 CK 93 40 0407 1625 RMKS 5060 TO 5120 5280 5580 =

5TDA AU64 UT3U 54D7 4TA6 T4TA NTA7 N5DA T3UA TTUD 3DD7 U366 (Cont'd) AR

M8JF (x3) DE RIS9 (x2)

**4788 kHz, 13-04, 1515 UTC, i.p.**

7G NR 009 CK 201 0413 2250 RMKS 9940 TO 8070 K

R 019 5 01P 01W = (Other station on 4777kHz)

U664 .N53 T34N NU65 4TN7 UATA 7U4TTT46 T37A (Cont'd)

R 01W =

**9364 kHz, 16-04, 0631 UTC, i.p.**

NUL3 K

QSA 1 QSY NR NR 01 NR 01

QSA 1 QSY NR NR 01 K K

QSA 1 QSY NR NR 01 K K

OC OC OC OC OC DE NUL3 NUL3 K K K

K K K

OC OC OC OC DE NUL3 NUL3 K K K

QSA 1 QSY NR NR 01 KK

QSA 1 QSY NR NR 01 KK

QSA 1 QSY NR NR 01

OC DE NUL3 K K K

QSA 1 QSY TO 7733 K K K

QSA 1 QSY NR R 0 K K

QSA 1 QSY NR NR 01 KK

**4811 kHz, 18-04, 1708 UTC, i.p.**

RMKS 6358 TO 5838/3638 =

QRW N4958 P EEEE BT QRW N4958 380200 KP 6358 AR =

QRW N4958 380200 KP 6358 AR K

R R OK QSL 0101 QSL 0101 K (Both stations on this frequency)

R K R WK NR 106 106 AR

WK NR 106 K

R HR WK NR 119 119 K

R SK K

R SK

**6877 kHz, 24-04, 1628 UTC, i.p.**

ABOL DE A8CK K

VVVV ABOL DE A8CK K

V ABOL DE A8CK K

ABOL (x3) DE A8CK (x2) K

ABOL (x3) DE A8CK (x2) K

VVV ABOL DE A8CK K

ABOL DE A8CK K

ABOL DE A8CK K

R K



## M95

### 8914 kHz, 04-04, 0949 UTC, i.p.

T67 T67 = = FIF

= = = 3TT 3TT DA TTA 7NT 7N3 3N4 3N4 ANT UNT N65 N65 566 3N6 566 3DN T67 T67 7U6 555 55U 3DT 5N6 ..4A TT. TT6 5DD

6TA 6T6 6 5DD 476 5NT 546 37D 6D.6 4TA 4N6 6UN 5U6 36A 736 5T5 7.. D4T D4T D73 D73 ..D ..D ... 4.. 44T 44T 44. AR

FS ... F.V FHF F ..

5VV EEEEEEE FS

FIF = VVV = = 3TT 3TT EEE

FS = = 3TT 3TT TTD ..A TDA 7NT 7N3 3N4 3N4 .N. FS

FS FS

FS FS = = 3TT 3TT TDA TT.

= = 3TT 3TT TDA TDA 7NT 7N3 3N4 3N4 UNT UNT N65 N65 566 5N6 566 3DN T.. T67 7U6 555 55U 3DT 5N6 64A TT6 .6 5DD 6TA

666 5DD 476 5NT .46 37D 666 4A FI T FI FI

= = = D73 D73 TAD TAD 55U 64TA 666 440 44T 44T AR FI FI

= = 3.E TTT TATTTA 7NT 7N3 3N4 3N4 UNT UNT N65 N65 5N FI = =

N65 566 3N6 566 3DN T67 T67 7... = = 300 3TT TDA TDA 7NT 7N3 3N4 3N4 UNT VA

= = VV = = 3TT 3TT TDA TDA 7NT 7N3 3N4 3N4 UNT UNT N65 N65 .66 3N6 566 3DN T67 .67 7U6 555 55U 3DT 5N6 64A TT.

5 = 6 = VVV V VV 3TT 3TT TT. TT. (Appears to be repeating each group twice)

VV = T VVV DE .VV

VVV DE DE APV B D DE DE DE APV

### 4243//9054 kHz, 09-04, 1147 UTC

VVV HR 7G TO YR PSE CY

NR 053 CK 21 35 0409 1523 =

5TD UTT TTN 3U6 7TA N44 3A4 356 4TN U7U

N4A 447 46N 3DU TTU TT3 773 44D 46N 3D5

4D3 AR

7G AGN

NR 053 CK 21 35 0409 1523 =

5TD UTT TTN (Cont'd repeat message) AR

A HR 7G GA

NR 18 CK 173 35 0409 1528 =

UTU TTN 3U6 3A4 7TA NU6 7UD 777 73U 7UT (Cont'd)

### 4364//8073 kHz, 09-04, 1136 UTC

V BNGC (x3) DE XSV85 (x2)

HR 7G GA PSE CY

NR 0327 CK 163 35 0409 1744 =

TTN 3U6 3AN 3U7 TAU 773 356 35N 4T3 NN3 (Cont'd)

### 4243//9054, 12-04, 1148 UTC

HR MSG TO YR PSE CY

NR 059 CK 22 35 0412 1448 =

5TD UTT TAU 3U6 3A4 353 N3D 354 365 4T7

N3D 4A7 U7U N4A 445 3DA TTU TT3 773 446 3DU 4D3 AR

MSG AGN

NR 059 CK 22 35 0412 1448 = (Repeats message) AR

A HR MSG GA

NR 24 CK 182 35 0412 1623 =

UTU TAU 3U6 3A4 TTU 773 357 33N N3U 373 (Cont'd) AR

A HR MSG GA

NR 020 CK 22 35 0412 1632 =

UT5 TAU 3U6 3A4 TTA TTU TT3 773 35U N3D

357 373 4T7 445 33U 446 4D6 N3D 4D3 3DA N3D 3DU AR

MSG AGN

NR 020 CK 22 35 0412 1632 BT (Repeats message) AR

A HR UP SB WK

**4364//8073 kHz, 12-04, 1138 UTC**

V BNGC (x3) DE XSV85 (x2)  
HR MSG GA PSE CY  
NR 0333 CK 228 35 0412 1600 =  
TAU 3U6 3AN 3U7 TAU 773 TA7 773 TAD 773 (Cont'd)

**8073 kHz, 13-04, 1137 UTC**

V BNGC (x3) DE XSV85 (x2)  
HR MSG GA PSE CY NR 0335 CK 244 35 04A3 A EEEEEEE 3 = =  
TA3 3U6 3AN 3U7 TAU 773 TA7 773 TAD 773 (Cont'd)

**4243//9054 kHz, 13-04, 1141 UTC**

VVV HR 7G TO YR PSE CY  
NR 061 CK 20 35 0413 1535 =  
5TD UTT TA3 3U6 3A4 354 373 4T5 N3D 4A6  
7UN 4A4 435 3DA TTU TT3 773 436 3D3 4D3 AR  
A HR 7G GA  
NR 26 CK 179 35 0413 1603 =  
UTU TA3 3U6 3A4 TTU 773 354 373 (Cont'd) AR  
A HR 7G GA  
NR 023 CK 14 35 0413 1626 =  
UT5 TA3 3U6 3A4 TTA TTU TT3 773 354 373  
4AA 446 4D3 3DU AR  
A HR UP SB WK AR AR (followed by V26)

**4364//8073 kHz, 15-04, 1129 UTC**

V BNGC (x3) DE XSV85 (x2)  
HR MSG GA PSE CY NR 0339 CK 202 35 0415 1703 =  
TA5 3U6 3AN 3U7 TAU 773 TU5 773 354 373 (Cont'd)

**4243//9054 kHz, 15-04, 1145 UTC**

VVV HR MSG TO YR PSE CY  
NR 065 CK 19 35 0415 1504 = =  
5TD UTT TA5 3U6 3A4 35U 4A5 N3D 4AA U7U  
N4A 434 3DA TTU TT3 773 446 3DU 4D3 AR  
MSG AGN  
NR 065 CK 19 35 0415 1540 = (Repeats message) AR  
A HR MSG GA  
NR 30 CK 151 35 0415 1555 =  
UTU TA5 3U6 3A4 TTU 773 35A N3D 353 4TN (Cont'd) AR  
MSG AGN  
NR 30 CK 151 35 0415 1555 = (Repeats message) AR  
A HR MSG GA  
NR 029 CK 20 35 0415 1647 =  
UT5 TA5 3U6 3A4 TTA TTU TT3 773 35U DN7  
353 4UT 336 D3D 4AA 446 4D6 N3D 4D3 3DU AR  
MSG AGN  
NR 029 CK 20 35 0415 1647 = (Repeats message) AR  
A HR UP SB WK (followed by V26)

**4243//9054 kHz, 15-04, 2345 UTC**

VVV HR MSG TO YR PSE CY  
NR 030 CK 20 35 0416 0618 =  
UT5 TA6 3U4 3A4 TTA TTU TT3 773 35U DN7  
353 4AD 446 TT3 773 467 4D6 N3D 4D3 3DU AR  
MSG AGN  
NR 030 CK 20 35 0416 0618 = (Repeats message) AR  
A HR MSG GA  
NR 31 CK 065 35 0416 0702 =  
UTU TA6 3U4 3A4 TTU 773 35A U4T 353 4TN (Cont'd) AR  
MSG AGN

NR 31 CK 065 35 0416 0702 = (Repeats message) AR  
A HR MSG GA  
NR 066 CK 17 35 0416 0655 =  
5TD UTT TA6 3U4 3A4 35U 4AT U73 N4A 445  
3DA TTU TT3 773 446 3DU 4D3 AR  
MSG AGN  
NR 066 CK 17 35 0416 0655 = (Repeats message) AR  
A HR UP SB WK AR (followed by V26)

**5780 kHz, 16-04, 0027 UTC, i.p.**

05 05 05 05  
VV NLWM DE G  
VV NLWM DE ZXO9 K  
VV NLWM DE ZXO9 K  
VVV YBCP DE ZXO9 K  
NN  
NR DE ASPD QSA 2 K  
QSA 2 ..VA  
R NOK NIL SK PSE  
VVV YBCP DE ZXO9 K  
NR DE CAYR QSA 2 K  
R QSA 2 BL VA  
N NIL SK PSE  
VV WCXZY DE ZXO9 K  
VV CXZY DE ZXO9 K  
NR DE ..W. QSA 1 K  
R QSA 2 BL VA  
OK NIL SK PSE  
VV YHBB DE ZXO9 K  
HR QSA 2 K  
R QSA 2 NIL SK  
OK NIL SK PSE  
VV C89E DE ZXO9 K  
R DE G3RH QSA 3 K  
R QSA 2 NIL VA  
R OK NIL VA K  
VV X5UC DE ZXO9 K  
N DE AL R DE AL3. QSA 2 K  
R QSA 2 BL VA  
R OK NIL SK PSE  
VV K4RU DE ZXO9 K  
R DE GH7U QSA 2 K  
R QSA 2 BL VA  
R OK NIL SK PSE  
VV HH 05 05 05  
VVV NR 86/EX 0835 RMKS CQ =  
HE/Y8 AR  
NR 86/EX 0835 RMKS CQ =  
HE/Y8 AR QSL ? HR WK NR 315 K  
NR 6.P D.L G.. 36W2 NR 112 AR  
R DE CAY4 QSL DG 083D W NR 171 AR  
NR DE QW.. QSL DG 0836 WK NR 124 AR  
N .. QSL DG 0837 WK NR 557 AR  
R D E AL.3 H QSL 08.. WK NR 704 AR  
R DE GH7U QSL TIME 07 EEEE 0837 WK NR 6023 AR  
HR G2 H QSL TIME 0837 WK NR 110 K  
VVV C89E K  
VV HR .REH QSL TIME 0837 WK NR 110 K  
SK R R OK VA

**8889 kHz, 16-04, 0646 UTC, i.p.**

05 05 05  
= OHI1 OH GB BALRNM K QVUPRWY SNHB CIOTX ZO EEEEE  
XZYS NIDH NOJI BCIN XTOJ MRLG VQFKFD LNOX ZTSYW WR ...  
EEEEEE 77A5 N4T7 U3N4 D6A35  
53T5 NS 7UI 7A5N 4T7U 3N4D 6U4  
7A5N 4T7U 3N4D 56A3 35A7 TTD3 64N6 U6A5N 4 S  
3D6U 7U5E DE 5 3A7U  
NU EEE 7A3N 6T36..5556 AS E E  
5ND 7U56 D4D

**4243//9054 kHz, 17-04, 1148 UTC**

VV HR MSG TO YR PSE CY  
NR 069 CK 16 35 0417 1523 =  
5TD UAT TA7 3U6 3A4 35U 4TN U74 (Cont'd) AR  
MSG AGN  
NR 069 CK 16 35 0417 1523 = (Repeats message) AR  
A HR MSG GA  
NR 34 CK 122 35 0417 1610 =  
UTU TA7 3U6 3A4 TTU 773 35A (Cont'd) AR  
MSG AGN  
NR 34 CK 122 35 0417 1610 =  
UTU TA7 3U6 3A4 TTU 773 35A U4T 353 4TN (Repeats message) AR  
A HR MSG GA  
NR 035 CK 18 35 0417 1616 =  
UT5 TA7 3U. 3A4 TTA TTU TT3 773 35U U4T (Cont'd) AR  
MSG AGN  
NR 035 CK 18 35 0417 1616 = (Repeats message) AR  
A HR UP SB WK AR (followed by V26)

**4243//9054 kHz, 19-04, 1145 UTC**

VVV HR 7G TO YR PSE CY  
NR 073 CK 17 35 0419 1503 =  
5TD UTT TAN 3U6 3A4 35. U 7U N4A 445  
3DA TTU TT3 773 446 3D3 4D3 AR  
A HR 7G GA  
NR 041 CK 14 35 0419 1616 =  
UT5 TAN 3U6 3A4 TTA TTU TT3 773 356 36U 4T7 446 4D4 3DU AR  
A HR 7G GA  
NR 38 CK 160 35 0419 1630 =  
UTU TAN 3U6 3A4 TTU 773 35A N3D 353 4TN (Cont'd) AR  
A HR UP SB WK AR AR (followed by V26)

**4364//8073 kHz, 19-04, 1136 UTC**

V BNGC (x3) DE XSV85 (x2)  
HR MSG GA PSE CY  
NR 0347 CK 16. 35 0419 .554 =  
TAN 3U6 3AN 3U7 TAU 773 TA7 773 TAD 773  
TAN 773 TU3 773 353 37U 4A7 NN3 (Cont'd)

**5556 kHz, 24-04, 1654 UTC**

05 05 05 05  
= = A4U3 U345 UD4 = = = = = = = = = A33 Y =  
= = A4U3 U345 UD47 4A66 D36 46DA A6TD 6D57 (Cont'd)  
05 05 05 05 (Cont'd)  
463D 5N66 4TN. (Cont'd)  
05 05 05 05 (Cont'd)  
= = = = = = = = = = = 3333  
05 05 05 05 05 05 05 05 05 (Cont'd)  
503N AR 05 = = 05 05 05 (Cont'd)

**4364//8073 kHz, 24-04, 1145 UTC**

V BNGC (x3) DE XSV85 (x2)  
HR MSG GA HR MSG GA  
NR 0357 CK 252 35 0424 1616 = =  
TU4 3U6 3AN 3U7 TAU 773 354 373 4T3 NN3 (Cont'd)

**4243//9054 kHz, 24-04, 1145 UTC, i.p.**

TT6 773 (Cont'd)  
II BT 3UN 354 N3D 35U (Cont'd) AR  
MSG AGN  
NR 48 CK 106 35 0424 1550 =  
UTU TU4 3U6 3A4 TTU 773 353 U4T 35A 4TA (Cont'd) AR  
A HR MSG GA  
NR 056 CK 19 35 0424 1615 =  
UT5 TU4 3U6 3A4 TTA TTU TT3 773 35A U4T  
353 4A5 N3D 4AA 445 4D6 N3D 4D3 3DA AR  
MSG AGN  
NR 056 CK 19 35 0424 1615 BT (Repeats message) AR  
A HR UP WK WK

**10180 kHz, 26-04, 0949 UTC**

NR 093/CCK 99 19 0427 0750 RMKS CQ =  
605A 54N6 4NT6 U5A5 4T6U 4T7D 473D ND67 47TN 37AD N4AN (Cont'd)  
AR QSL ? HR WK NR 150

**4789 kHz, 27-09, 1129 UTC**

NR .../CCK CK ...27 3931241 RMKS ..694 21 698. 95 95 2 5929.39.2.8  
NR ....CCK CK .CW2 DE 7IE.. K

**4364//8073 kHz, 27-04, 1138 UTC**

V BNGC (x3) DE XSV85 (x2)  
A HR MSGS GA PSE CY  
NR 0363 CK 207 35 0427 1542 =  
TU7 3U5 3AN 3U7 TAU 773 357 35N 4T3 NN3 (Cont'd)

**4243//9054 kHz, 27-04, 1149 UTC**

HR 7G TO YR PSE CY  
NR 06 CK 43 49 0425 1600 = (Rare message with 49 vice 35 after the group count)  
T64 UU5 N6U T66 D7U D6U DTU D3T U43 (Cont'd) AR  
7G AGN  
NR 06 CK 43 49 0425 1600 = (Repeats message) AR  
A HR MSG GA  
NR 089 CK 33 35 0427 1501 =  
5TD UTT TU7 3U6 7TA N44 3A4 35U 4A5 N3D  
4AA U7U N4A 445 3DA 34A DND N34 446 467  
3DA TTU TT3 773 446 3DU 34A DND N34 447 46D 3D3 4D3 AR  
MSG AGN  
NR 089 CK 33 35 0427 1501 = (Repeats message) AR  
A HR MSG GA  
NR 54 CK 138 35 0427 1620 =  
UTU TU7 3U6 3A4 TTU 773 35A U4T 353 4AA (Cont'd) AR  
7G AGN  
NR 54 CK 138 35 0427 1620 = (Repeats message) AR  
A HR 7G GA  
NR 065 CK 21 35 0427 1623 =  
UT5 TU7 3U6 3A4 TTA TTU TT3 773 35U U4T  
353 4AD 446 33U 436 4D6 N3D 4D3 3DU N3D 3D3 AR  
7G AGN  
NR 065 CK 21 35 0427 1623 BT (Repeats message) AR  
A HR UP SB WK

## UM03 – Chinese X2M net

8250//8410 kHz, 04-04, 0919 UTC, i.p.

AR

05 05 CK 100 CK 100 TIME 1621 TIME 1621 DATE 0404 DATE 0404 =

T6734 73NT6 5T3A7 (Cont'd)

## UM10 - 10-minutes net

3326 kHz, 01-04, 1927 UTC U34D //4112 kHz

3280 kHz, 03-04, 1853 UTC HUU4 //3780 kHz

3525 kHz, 03-04, 1905 UTC QK4S //4310 kHz

3525 kHz, 05-04, 1729 UTC QK4S //4310 kHz

3280 kHz, 09-04, 1747 UTC HUU4

3525 kHz, 09-04, 1747 UTC QK4S //4310 kHz

3525 kHz, 18-04, 1656 UTC QK4S //4310 kHz

3525 kHz, 23-04, 1825 UTC QK4S //4310 kHz

## DIGITAL MODES

### HM01 - Dirección General de Inteligencia

HM01 RDFT file log by MDK2

Updated 30 April 2018

**Date (DDMMYYYY): Numbers: File name or repeat: Frequency (kHz) and time(UTC):**

01/04/2018	71877	74857187.txt *	11435 1600
	36553	45173655.txt *	
	86327	86078632.txt *	
	55635	86285563.txt *	
	67461	63806746.txt *	
	35555	85153555.txt *	

\* First transmitted in March 2018. None of these are new as of 01 APR.

02/04/2018	71878	repeat	11530 1700
	36554	repeat	
	86328	repeat	
	55636	repeat	
	67462	repeat	
	35556	repeat	

03/04/2018	76661	50047666.f1c	11435 1600
	36555	repeat	
	61021	10376102.txt	
	55637	repeat	
	67463	repeat	
	35557	repeat	

04/04/2018	76661	repeat	11435 1600
	36556	repeat	
	61021	repeat	
	16501	48251650.txt	
	67464	repeat	
	35558	repeat	

05/04/2018	76662	repeat	17480 2200
	36557	repeat	
	61022	repeat	
	16501	repeat	
	67465	repeat	
	01011	50050101.f1c	
06/04/2018	76663	repeat	11435 1600
	78711	03427871.txt	
	61023	repeat	
	16502	repeat	
	67466	repeat	
	01011	repeat	
07/04/2018	02034	75610203.txt	11435 1600
	35521	30183552.txt	
	04714	27010471.txt	
	42363	11314236.txt	
	67467	repeat	
	53482	07775348.txt	

FIVE NEW NUMBER GROUPS AND FILES - but the final digits in each group are +1 from the final digits of the groups they replaced. (E.g., on 06 APR group 76663 was sent, and you would expect today's to be 76664; however it was 02034.) EXCEPT for the number group that was new on 06 APR, 78711, which was replaced by 35521 on 07 APR. That one would have been expected to remain ending in 1. Very interesting and unusual.

08/04/2018	02035	repeat	11435 1600
	35522	repeat	
	04715	repeat	
	42364	repeat	
	45781	27034578.txt	
	53483	repeat	
09/04/2018	02036	repeat	11435 1600
	35523	repeat	
	04716	repeat	
	42365	repeat	
	45781	repeat	
	53484	repeat	
10/04/2018	02037	repeat	11635 1800
	35524	repeat	
	04717	repeat	
	42366	repeat	
	45782	repeat	
	53485	repeat	
11/04/2018	02038	repeat	11435 1600
	35525	repeat	
	04718	repeat	
	42367	repeat	
	45783	repeat	
	53486	repeat	
12/04/2018	02039	repeat	17480 2200
	35526	repeat	
	36461	50383646.f1c	
	42368	repeat	
	45784	repeat	

	53487	repeat	
13/04/2018	74681	36677468.f1g	11435 1600
	35527	repeat	
	36461	repeat	
	61611	68746161.txt	
	45785	repeat	
	53488	repeat	
14/04/2018	74681	repeat	11435 1600
	35528	repeat	
	36462	repeat	
	61611	repeat	
	45786	repeat	
	58611	24255861.txt	
15/04/2018	74682	repeat	11435 1600
	11231	25421123.txt	
	36463	repeat	
	61612	repeat	
	45787	repeat	
	58611	repeat	
16/04/2018	74683	repeat	11435 1600
	11231	repeat	
	36464	repeat	
	61613	repeat	
	10161	50571016.f1c	
	58612	repeat	
17/04/2018	74684	repeat	11435 1600
	11232	repeat	
	36465	repeat	
	61614	repeat	
	10161	repeat	
	58613	repeat	
18/04/2018	74685	repeat	11435 1600
	11233	repeat	
	36466	repeat	
	61615	repeat	
	10162	repeat	
	58614	repeat	
19/04/2018	74686	repeat	11530 1700
	11234	repeat	
	36467	repeat	
	61616	repeat	
	10163	repeat	
	58615	repeat	
20/04/2018	74687	repeat	11635 2100
	11235	repeat	
	08271	04370827.txt	
	61617	repeat	
	10164	repeat	
	58616	repeat	
21/04/2018	63641	31416364.txt	11530 1700
	11236	repeat	
	08271	repeat	



	61618	repeat	
	10165	repeat	
	58617	repeat	
22/04/2018	63641	repeat	11435 1600
	11237	repeat	
	08272	repeat	
	61619	repeat	
	10166	repeat	
	58618	repeat	
23/04/2018	63642	repeat	11435 1600
	11238	repeat	
	08273	repeat	
	11341	77521134.txt	
	10167	repeat	
	43001	24464300.txt	
24/04/2018	63643	repeat	11435 1600
	60580	73086058.txt	
	08274	repeat	
	11341	repeat	
	03531	14350353.txt	
	43001	repeat	
25/04/2018	63644	repeat	11435 1600
	60581	repeat	
	08275	repeat	
	11342	repeat	
	03531	repeat	
	43002	repeat	
26/04/2018	63645	repeat	11530 1700
	60582	repeat	
	08276	repeat	
	11343	repeat	
	03532	repeat	
	43003	repeat	
27/04/2018	63646	repeat	11435 1600
	60583	repeat	
	08277	repeat	
	11344	repeat	
	03533	repeat	
	43004	repeat	
28/04/2018	63647	repeat	11435 1600
	64911	80776491.txt	
	08278	repeat	
	11345	repeat	
	03534	repeat	
	43005	repeat	

Lots of strange things today. First, a number group that had progressed only to a final digit of 3 was replaced by a new number group, rather than the one ending in 8. Second, that new number group was sending the same file as number group 0353# during the first half hour of 1600/11435 transmission. It was sending the correct new file during the second half, in which many Windows error sounds were heard for the first few minutes. Finally, at 16:38:46, the transmission suddenly cut out, but not the signal. It came back on at 16:41:39.

29/04/2018	63648	repeat	11435	1600
	64912	repeat		
	32031	06513203.txt		
	11346	repeat		
	03535	repeat		
	43006	repeat		

Number group 6491#, which was new on the 28th, advanced the final digit to 2, which is unusual for the second day of transmission.

30/04/2018	84871	14188487.txt	11435	1600
	64913	repeat		
	32031	repeat		
	11347	repeat		
	03536	repeat		
	43007	repeat		

All April RDFT files have been logged, all copies of received files are online and may be viewed or downloaded here (excluding files marked with \*, which were first transmitted in March and continued being sent in April):

<https://www.dropbox.com/sh/428cuj8zsv4r0f5/AABIX2u72eJ32Sfl5VwOgiv7a?dl=0>

HM01 RDFT file reference. Updated 30 April 2018

Sort by file name			Sort by Date			Sort by number group		
File Name:	Group:	First sent:	Date:	File name:	Numbers:	Group:	File name:	Date:
03427871.txt	7871#	06/04/2018	25/03/2018	74857187.txt	7187# *	0101#	50050101.f1c	05/04/2018
04370827.txt	0827#	20/04/2018	25/03/2018	86078632.txt	8632# *	0353#	14350353.txt	24/04/2018
06513203.txt	3203#	29/04/2018	27/03/2018	86285563.txt	5563# *	1134#	77521134.txt	23/04/2018
07775348.txt	5348#	07/04/2018	27/03/2018	85153555.txt	3555# *	0471#	27010471.txt	07/04/2018
10376102.txt	6102#	03/04/2018	29/03/2018	45173655.txt	3655# *	0827#	04370827.txt	20/04/2018
11314236.txt	4236#	07/04/2018	31/03/2018	63806746.txt	6746# *	1016#	50571016.f1c	16/04/2018
14188487.txt	8487#	30/04/2018	03/04/2018	50047666.f1c	7666#	1123#	25421123.txt	15/04/2018
14350353.txt	0353#	24/04/2018	03/04/2018	10376102.txt	6102#	1650#	48251650.txt	04/04/2018
24255861.txt	5861#	14/04/2018	04/04/2018	48251650.txt	1650#	0203#	75610203.txt	07/04/2018
24464300.txt	4300#	23/04/2018	05/04/2018	50050101.f1c	0101#	3018#	30183552.txt	07/04/2018
25421123.txt	1123#	15/04/2018	06/04/2018	03427871.txt	7871#	3203#	06513203.txt	29/04/2018
27010471.txt	0471#	07/04/2018	07/04/2018	75610203.txt	0203#	3646#	50383646.f1c	12/04/2018
27034578.txt	4578#	08/04/2018	07/04/2018	30183552.txt	3552#	3555#	85153555.txt	27/03/2018 *
30183552.txt	3018#	07/04/2018	07/04/2018	27010471.txt	0471#	3655#	45173655.txt	29/03/2018 *
31416364.txt	6364#	21/04/2018	07/04/2018	11314236.txt	4236#	4236#	11314236.txt	07/04/2018
36677468.f1g	7468#	13/04/2018	07/04/2018	07775348.txt	5348#	4300#	24464300.txt	23/04/2018
45173655.txt	3655#	29/03/2018 *	08/04/2018	27034578.txt	4578#	4578#	27034578.txt	08/04/2018
48251650.txt	1650#	04/04/2018	12/04/2018	50383646.f1c	3646#	5348#	07775348.txt	07/04/2018
50047666.f1c	7666#	03/04/2018	13/04/2018	36677468.f1g	7468#	5563#	86285563.txt	27/03/2018 *
50050101.f1c	0101#	05/04/2018	13/04/2018	68746161.txt	6161#	5861#	24255861.txt	14/04/2018
50383646.f1c	3646#	12/04/2018	14/04/2018	24255861.txt	5861#	6058#	73086058.txt	24/04/2018
50571016.f1c	1016#	16/04/2018	15/04/2018	25421123.txt	1123#	6102#	10376102.txt	03/04/2018
63806746.txt	6746#	31/03/2018 *	16/04/2018	50571016.f1c	1016#	6161#	68746161.txt	13/04/2018
68746161.txt	6161#	13/04/2018	20/04/2018	04370827.txt	0827#	6364#	31416364.txt	21/04/2018
73086058.txt	6058#	24/04/2018	21/04/2018	31416364.txt	6364#	6491#	80776491.txt	28/04/2018
74857187.txt	7187#	25/03/2018 *	23/04/2018	77521134.txt	1134#	6746#	63806746.txt	31/03/2018 *
75610203.txt	0203#	07/04/2018	23/04/2018	24464300.txt	4300#	7187#	74857187.txt	25/03/2018 *
77521134.txt	1134#	23/04/2018	24/04/2018	73086058.txt	6058#	7468#	36677468.f1g	13/04/2018
80776491.txt	6491#	28/04/2018	24/04/2018	14350353.txt	0353#	7666#	50047666.f1c	03/04/2018
85153555.txt	3555#	27/03/2018 *	28/04/2018	80776491.txt	6491#	7871#	03427871.txt	06/04/2018
86078632.txt	8632#	25/03/2018 *	29/04/2018	06513203.txt	3203#	8487#	14188487.txt	30/08/2018
86285563.txt	5563#	27/03/2018 *	30/04/2018	14188487.txt	8487#	8632#	86078632.txt	25/03/2018 *

## **F01, F06, F06a, M42, M42a, M42b & X06**

### *Russian Government & Intelligence*



#### **M42 – various modes**

13905 kHz, 05-04, 1219 UTC, Baudot 75/500  
16263 kHz, 06-04, 1107 UTC, MFSK-66  
12163 kHz, 18-04, 0656 UTC, MFSK-64

**14620 kHz, 26-04, 1212 UTC, Baudot 100/500.**

UAL: Russian embassy wkg Moscow (QSX 16156 kHz)

#### **F01 – FSK 200/500**

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

Null message: J576 100000+++++++162

Link 00052

**17534/15626/12214 kHz, 03-04, 1500/1510/1520 UTC**

11166 00052 67152 03061 00049 00000 00000 00000

**19138/17545/15626 kHz, 11-04/12-04, 0800/0810/0820 UTC**

11166 00052 43016 10027 01589

58180 26120 45866 22078 69807 84815 69404 40426 81289 76297  
04392 97356 20109 73626 22550 33203 73973 13084 85623 94393  
89232 55124 77273 45088 62662 16685 84248 56240 40313 07206  
24280 65723 33274 05203 17448 72456 47746 64623 49282 21640  
64222 98283 86539 21101 07904 67352 91760 03010 49465 51847  
98429 49237 03510 94743 12036 73165 03892 03215 92324 29056  
13963 31163 71819 26467 38611 95378 35647 90449 89298 18182  
98227 91572 68679 50212 79156 79227 06512 75227 21235 64598  
36666 57899 78240 43598 62098 34021 81739 52710 74036 21728  
51199 49555 57130 72751 99680 96981 92043 84620 69745 88664  
51917 38304 62167 95476 84918 16457 56796 83390 66159 23356  
27425 83949 67134 88298 00821 87282 72747 03983 01429 75109  
24997 90943 19641 52290 07910 27595 18055 48662 52424 88143  
72549 23539 61274 75129 18768 11811 08423 01171 06008 72467  
52186 99111 08763 04744 24678 96096 84628 02143 97871 87162  
40500 84951 60238 98567 71150 94892 71560 00000

**15626/12214 kHz, 17-04, 1510/1520 UTC**

11166 00052 32651 17048 00049 00000 00000 00000 00000

**12214 kHz, 24-04, 1520 UTC**

11166 00052 36728 24052 00049 00000 00000 00000 00000

**19138/17545/15626 kHz, 25-04/26-04, 0800/0810/0820 UTC**

11166 00052 43016 10027 01589

58180 26120 45866 22078 69807 84815 69404 40426 81289 76297  
04392 97356 20109 73626 22550 33203 73973 13084 85623 94393  
89232 55124 77273 45088 62662 16685 84248 56240 40313 07206  
24280 65723 33274 05203 17448 72456 47746 64623 49282 21640  
64222 98283 86539 21101 07904 67352 91760 03010 49465 51847  
98429 49237 03510 94743 12036 73165 03892 03215 92324 29056  
13963 31163 71819 26467 38611 95378 35647 90449 89298 18182  
98227 91572 68679 50212 79156 79227 06512 75227 21235 64598  
36666 57899 78240 43598 62098 34021 81739 52710 74036 21728  
51199 49555 57130 72751 99680 96981 92043 84620 69745 88664  
51917 38304 62167 95476 84918 16457 56796 83390 66159 23356  
27425 83949 67134 88298 00821 87282 72747 03983 01429 75109  
24997 90943 19641 52290 07910 52759 51805 54866 25242 48814  
37254 92353 96127 47512 91876 81181 10842 30117 10600 87246  
75218 69911 10876 30474 42467 89609 68462 80214 39787 18716  
24050 08495 16023 89856 77115 09489 27156 00000

Link 10031

**17538/14576/11639 kHz, 11-04, 0915/0925/0935 UTC**

11166 10031 10295 11001 00049 00000 00000 00000 00000

**17538/14576/11639 kHz, 25-04, 0915/0925/0935 UTC**

11166 10031 74128 25001 00049 00000 00000 00000 00000

Link 10053

**18626/16325/13458 kHz, 01-04, 1530/1540/1550 kHz**

11166 10053 91735 01001 00049 00000 00000 00000 00000

**18726/16238/13378 kHz, 03-04, 1650/1700/1710 kHz**

11166 10053 17935 03067 00049 00000 00000 00000 00000

**18626/16325/13458 kHz, 08-04, 1530/1540/1550 kHz**

11166 10053 13579 08001 00049 00000 00000 00000 00000

**18626/16325/13458 kHz, 15-04, 1530/1540/1550 kHz**

11166 10053 17935 15063 00049 00000 00000 00000 00000

**18726/16238/13378 kHz, 17-04, 1650/1700/1710 kHz**

11166 10053 32047 17001 00049 00000 00000 00000 00000

**18626/16325/13458 kHz, 22-04, 1530/1540/1550 kHz**

11166 10053 72943 22063 00049 00000 00000 00000 00000

**13378 kHz, 24-04, 1710 UTC**

11166 10053 13579 24001 00049 00000 00000 00000 00000

**18626/16325/13458 kHz, 28-04, 1530/1540/1550 kHz**

11166 10053 91735 29001 00049 00000 00000 00000 00000

**16325/14724/12172 kHz, 04-04/05-04, 0600/0610/0620 kHz**

11166 40122 90874 31067 03469  
 39317 15480 38081 63954 02324 87436 45673 56882 21368 52648  
 11419 32776 80315 63029 32855 44142 40789 97182 30405 05180  
 09208 39318 60748 52393 08601 82109 49826 03355 41159 83157  
 93909 55792 52429 29748 02166 94200 33122 91611 79179 96156  
 19441 66349 70837 55533 77894 47223 22046 64793 85515 68002  
 19684 23551 41424 04540 19263 65592 70682 37780 78711 21542  
 06366 07883 47719 59357 60797 14137 86092 69847 21881 40375  
 09552 89393 35469 10556 86398 77069 59700 04213 33515 88342  
 02248 86452 85096 12537 76419 32190 32598 66269 37042 49317  
 59290 60011 82062 30470 17894 79998 30813 88116 24713 52650  
 14878 52610 68712 83699 42490 37942 58969 89218 22400 04836  
 58949 60723 58161 75907 81026 31549 48752 82560 39705 36685  
 56497 48298 86959 83251 28198 38165 78151 73806 80433 28969  
 41940 49677 84951 80015 52644 46495 15099 08993 28478 79126  
 39225 02741 04099 98184 71994 17558 50919 85311 19542 48752  
 43600 79417 79425 74118 96180 51066 81285 01022 16272 67185  
 79178 71791 50749 13309 31503 07099 21395 65511 29456 92006  
 73916 29251 59967 34391 88775 87285 14047 50404 27280 23860  
 76472 66821 13591 73545 77667 39806 04761 85695 43967 19093  
 40995 68524 81300 94915 31794 12378 04985 11829 90734 87926  
 32826 30951 33401 73631 09811 90624 68558 48980 61827 12603  
 16804 25443 37896 50787 41239 36934 50260 29019 24313 61873  
 71678 65094 75380 98345 99309 27854 03327 64688 44636 24017  
 38502 46959 58640 61820 38651 65479 51845 88402 62721 82102  
 18253 47537 47518 20263 23006 54812 70967 19529 62672 37114  
 36944 96609 57976 33168 65586 34733 87883 02119 23690 73202  
 24882 37019 79594 18900 80501 30014 16699 51989 20573 86268  
 90288 47168 59635 33215 61882 82803 93758 22422 95413 59546  
 81210 70520 49760 00427 30480 36359 51902 54256 04708 81107  
 85206 74210 02235 08418 76976 93588 22458 31026 19951 70265  
 76422 61321 11845 22287 51489 72166 47481 25924 89497 25290  
 47888 98371 87783 13790 60482 36968 82439 15833 15277 36525  
 23109 06425 70713 57184 98849 23932 34249 63940 24262 38463  
 91474 10512 45447 18828 28655 88681 74929 45037 82521 15618  
 15162 63194 02245 80536 73440

**16325/14724/12172 kHz, 11-04/12-04, 0600/0610/0620 kHz**

11166 40122 32670 07068 03039  
 04819 00173 64210 41671 44937 14158 15081 70557 11181 00045  
 45886 71585 52010 86051 02287 70879 62175 41594 84757 12781  
 48228 98642 24120 81258 54309 74347 63423 53053 46605 87120  
 07104 87239 79947 83362 23376 80915 94974 17025 10775 45682  
 19298 49184 64803 84617 71109 59833 05612 74419 88663 89058  
 52648 82420 34087 49801 57220 73147 44927 79392 28907 84119  
 31906 22041 16754 75577 46295 59466 31190 83817 65356 31864  
 17605 32835 69291 16393 17524 83949 08132 55364 78322 28108  
 82000 51329 97404 50553 83202 71251 11801 22541 73556 26938  
 69105 99796 95427 23943 40705 32392 39885 96097 63228 15748  
 20425 67893 19152 37423 25699 11864 92511 99402 49687 93186  
 60639 20553 22740 18679 07883 48951 91950 32367 72226 38753  
 24267 24835 60764 71309 30809 48526 94960 25200 35802 56185  
 71626 24886 38586 04641 50561 22667 42122 91101 04794 93610  
 46446 14159 94348 48179 30498 76688 49500 92203 70767 72832  
 74420 88910 70192 26244 07192 02700 95754 71804 97085 29329  
 48196 97967 85081 42227 12309 91948 98538 09598 61223 54925  
 95958 62022 13144 79450 22797 15223 63954 06257 64235 77708

44153 02645 05873 97952 73526 29640 38257 30821 12028 90103  
66208 27924 30276 74997 08858 81575 48123 49969 01353 77062  
14730 49464 34159 32895 28575 70542 90893 33732 20851 83590  
70632 85680 50669 02116 05633 48630 85527 78807 10396 25339  
65457 20062 23021 11938 74314 36140 24777 39551 66622 69170  
48836 61718 23430 66161 14110 67300 35600 89229 45110 23567  
37991 80210 63795 79142 42941 21866 64312 81506 46514 62848  
06603 88729 05933 98629 89776 80137 11648 25572 91225 95584  
02464 10330 82381 58035 97173 41773 57086 59125 41140 57619  
33483 12402 91242 62951 15392 03934 87655 82831 24088 94959  
85869 16173 36434 56285 47407 83070 90290 39103 12674 82783  
43152 11920 04364 04539 94946 18297 34876 58366 10929 35063  
16178 68301 00000

11166 40122 41209 07069 02779  
78697 45177 22038 18505 36013 96109 67896 50960 49941 03227  
86853 42576 92068 33613 35103 53202 31050 52596 24513 43322  
50039 54626 95760 33494 12645 36825 04857 30690 63367 44912  
71471 63712 73440 46162 62527 94881 68021 09116 09476 00186  
95670 94712 82708 35064 26048 88532 71526 28035 86773 28844  
43122 69332 75381 10134 78997 86756 07317 66823 12266 25918  
85894 66837 14259 77059 05180 69726 03907 15653 21705 29034  
78287 48949 55981 43579 87824 85676 09728 87360 04539 71067  
09761 72757 56805 54403 14483 26722 29060 81274 43907 84639  
49876 27725 19151 31565 16862 18487 22341 45498 31809 96477  
12872 22404 44533 35763 60939 87653 28851 15153 84304 23589  
39108 94639 99217 67871 20725 61852 21433 62336 73181 40716  
78264 57009 88869 79507 17615 98995 16281 60492 24912 60915  
20929 98332 83892 88577 42479 19453 42172 72580 71496 39543  
67541 73525 94264 81405 05915 55530 79109 00310 76882 07737  
02658 09064 67797 58481 39486 19973 12331 11842 63575 45885  
64443 61230 35024 27504 03700 59722 70451 79157 32872 51812  
20535 70214 53762 96286 03104 84332 32183 34892 65245 23719  
88047 86494 72848 50612 71478 71415 51030 83143 10902 95627  
23872 87789 44046 49507 26913 35590 67790 00816 90841 14327  
67792 86617 19802 13844 13851 33807 12780 26698 31916 62927  
01484 31335 88702 54995 03176 49969 49841 85986 11869 98352  
97496 58691 76356 69639 18398 86620 38480 19503 98220 09647  
30101 44725 83248 46076 52194 72419 95258 10827 84510 02094  
10571 54417 99239 67726 39189 02434 77121 12052 64985 00180  
49431 90246 32845 92182 14279 45183 93735 91261 00669 21467  
43613 16821 78745 10427 17119 07079 39674 43245 21996 34904  
93577 74423 25166 81958 58988 69275 00000

**16325/14724/12172 kHz, 18-04, 0600/0610/0620 kHz**

11166 40122 13579 18017 00049 00000 00000 00000 00000

**16325/14724/12172 kHz, 25-04/26-04, 0600/0610/0620 kHz**

11166 40122 32671 21070 04289  
54790 72383 75261 88078 88571 19363 71534 31292 88756 15405  
99890 76603 46944 34301 83273 83638 60735 36486 61039 10081  
98126 34777 36405 42707 21386 57476 10728 62486 81329 63529  
78021 10956 17956 89415 78181 50060 28351 32469 32322 32620  
87834 00309 08695 25649 35249 81074 92602 53675 58359 14147  
58753 54285 40278 66045 69500 63047 52871 41184 47393 70027  
08066 82193 95484 15072 03016 39458 63826 14045 20041 14599  
85597 33210 67300 07563 31301 53952 71116 22005 54451 95004  
55900 08675 27223 84397 72616 51464 89463 98290 61711 25826  
59524 08897 61459 84241 80353 08663 97653 48425 99273 02921  
15582 12960 04886 88176 40228 90034 69550 58230 75626 49999  
70858 05318 79321 37390 90558 08462 72862 67144 14348 26211

74260 30675 80993 35966 63372 66486 54199 87075 16115 75046  
15664 59888 68478 82566 02772 47945 96253 83407 39350 05512  
21424 15778 32926 27622 81150 50427 36929 54836 20300 97010  
01271 19889 93437 57819 59740 78420 87230 83556 27654 90974  
99207 10862 08199 48461 33795 86250 30902 58257 01576 06173  
70667 33138 32715 27873 20816 50233 40476 30733 18570 72189  
95777 32797 46412 47723 98720 92157 57762 33757 58022 47889  
00412 06332 14304 80223 36145 52466 68161 94652 79988 60164  
98956 59638 07534 48763 85269 52630 03756 06784 62950 94066  
51777 29504 81705 74053 85012 73419 46153 01405 51122 69787  
52297 29736 61230 64435 55335 40298 22828 76039 29768 86227  
79803 90031 07718 27922 08043 30353 06418 14208 40034 76214  
80787 89000 16910 16074 62054 28139 91375 56001 68341 36083  
29944 24632 98167 57161 87929 41883 42797 81062 55640 43632  
78367 47243 99182 79536 23748 77955 44350 26187 75055 94575  
77000 82782 52764 96919 58389 41506 22359 10229 78870 49801  
74450 29531 98414 06728 75310 16042 47392 60587 23749 25309  
86033 00008 75276 71777 46024 55667 19494 59481 02673 54856  
21637 33516 51070 96054 64220 32018 84699 35720 49717 43307  
99923 04465 50211 97899 74785 94820 14962 50067 95562 87772  
71809 28638 29522 10243 83373 61724 67288 40728 43968 05057  
83292 05264 28184 28625 87717 30912 27057 41308 68386 48947  
32788 58174 46029 64950 57917 40149 91365 37972 99923 60736  
77448 35975 87163 79467 65684 59724 67099 26788 48998 52332  
22744 30050 00553 36627 28275 35310 01484 47546 79739 04610  
46059 51733 61794 93438 47739 71529 36422 38056 94531 55554  
64557 07366 27119 63043 96555 99024 38160 54153 92456 84484  
16238 03408 57957 32642 82859 78474 07057 66790 95966 51464  
87294 34557 18389 34934 28520 95524 74671 59786 01144 56207  
44721 37252 94787 07081 67706 72139 53295 41350 54652 19543  
27013 60145 33157 02194 28307 93827 70426 00000

Link 40133

**20386/18509/16231 kHz, 07-04, 2100/2110/2120 UTC**

11166 40133 10295 07001 00049 00000 00000 00000 00000

**20386/18509/16231 kHz, 14-04, 2100/2110/2120 UTC**

11166 40133 18762 14038 00049 00000 00000 00000 00000

**20386/18509/16231 kHz, 28-04, 2100/2110/2120 UTC**

11166 40133 13579 28001 00049 00000 00000 00000 00000

Link 50046

**17414/15605/13444 kHz, 01-04, 1100/1110/1120 UTC**

11166 50046 34271 30032 00689

48568 39007 90913 40530 05635 23612 55106 63673 43783 80193  
78912 82228 45750 61201 50459 21660 19325 87477 40714 32987  
21417 68954 80073 76510 63508 82780 05185 43292 26689 18363  
15119 26024 46037 35067 16411 67481 05786 88047 65868 06909  
46651 51695 81699 30438 82520 41583 08866 15260 56667 61087  
33863 05242 79335 54002 23109 10181 08834 04975 15645 55505  
77099 83219 26087 11757 98632 12288 32066 00000

**14986/13366/11050 kHz, 08-04, 1100/1110/1120 UT**

11166 50046 92586 06033 01369  
42729 79073 91913 40530 09896 63688 56106 63673 47944 20169  
79912 82228 58798 02583 67777 29334 86037 51596 81118 12149  
67418 19404 53059 91441 99733 55414 53490 82546 85343 27725  
38737 60246 89189 30474 47349 41461 60231 94914 11933 15591  
31309 24820 88895 11061 99803 94575 05896 69775 58762 56729  
35681 53737 09065 70015 64328 37059 21671 47426 08296 11593  
64471 77564 07120 81282 10780 13592 05524 67928 03672 96603  
08142 63652 80019 42181 48765 73937 57470 62849 56032 59288  
73027 17154 76035 14450 50723 41804 79121 95088 18427 53486  
64734 34172 67092 24604 03688 00407 83710 54027 41080 66762  
84867 15773 44716 34485 72545 99672 38232 49913 40468 22816  
24266 63423 63019 31102 10405 65478 81417 60413 54549 15221  
38934 81058 93898 89806 28031 75092 49177 64380 43640 58407  
92086 74543 42478 14080 33134 00000

**14986/13366/11050 kHz, 14-04/15-04, 1100/1110/1120 UTC**

11166 50046 93547 13034 00849  
46799 09080 91913 40530 03866 93695 56106 63673 41914 50176  
79912 82228 82039 89392 38237 29885 54250 15402 23535 80705  
71490 76322 72252 93969 61613 31531 30361 56653 18810 25612  
07274 80903 83386 23893 00188 53849 55786 32702 01312 35561  
78439 49847 60888 82123 88571 46472 64897 71843 10209 93487  
61050 44532 07050 67652 21975 84304 01638 71257 95474 46201  
05776 30616 85425 27167 63600 10595 34413 14211 01473 37341  
75296 76989 79365 86845 22062 45198 67642 28028 06455 13736  
98746 84176 34082 00000

**14986/13366/11050 kHz, 21-04/22-04, 1100/1110/1120 UTC**

11166 50046 75139 20035 01309  
66089 79097 91913 40530 23156 63602 56106 63673 61204 20183  
79912 82228 27712 10813 35611 95472 69511 81338 43420 87893  
30788 39428 79049 26416 80548 74477 84511 14161 89020 38678  
27480 11283 96673 82723 82104 28108 05663 89798 16150 64013  
35770 15323 89083 89719 07041 73327 86739 18244 75728 54956  
48142 67594 29491 94445 67529 58009 30107 15626 59839 79350  
30178 99927 53224 44227 16229 41870 63860 94331 36677 15057  
11277 02082 30413 30955 47483 45976 67934 23538 35613 19489  
93388 22165 07844 59021 62543 61196 99465 37666 01241 41108  
28669 12842 76839 56644 03415 46439 62979 11136 88171 38113  
00449 99774 39101 44923 83532 18602 74260 18916 53687 77510  
87455 23007 94462 15627 61011 24454 11271 17571 86248 48323  
74641 37316 22598 88290 63152 56310 29120 93985 35128 00000

**14986/13366/11050 kHz, 28-04/29-04, 1100/1110/1120 UTC**

11166 50046 35821 27036 01269  
22968 64493 99884 52875 89035 58008 54077 75918 27183 15589  
77883 94563 77453 84282 87550 67842 33846 60624 00096 83058  
96942 40025 66349 20131 94063 48415 15520 72928 08777 61625  
56038 02560 06784 79689 41589 06792 07452 56702 04589 36575  
65681 14229 11768 57405 33252 31784 47769 67752 91174 91599  
43486 30023 28073 41428 85442 79070 87022 86644 67681 19241  
41581 67958 54316 10351 31219 59841 50299 23738 55703 69396  
84466 58094 34632 49347 42907 38981 93105 45912 31870 84130  
84081 45629 40604 38186 50090 44203 20874 36785 56570 50352  
68251 85522 00545 03885 97427 67780 40854 69561 71760 44115  
67189 34962 16581 18026 33842 51057 70868 22161 72617 29760  
40998 22312 21296 77073 24852 75650 72386 94411 05014 08698  
89829 46886 33909 02757 36124 00000



Link 60070

**6833 kHz, 17-04, 0050 UTC**

11166 60070 13579 17001 00049 00000 00000 00000 00000

**6833 kHz, 24-04, 0050 UTC**

11166 60070 17935 24001 00049 00000 00000 00000 00000

Link 70004

**17481/15946/13543 kHz, 14-04/15-04, 0900/0910/0920 UTC**

11166 70004 17384 13006 01229  
93742 55343 33649 88009 53202 52357 26887 03723 81088 79047  
77463 99306 40892 24451 51341 20915 63236 35557 31363 35285  
74128 53313 97633 75624 52076 59853 77735 95980 05891 92854  
14278 86086 40007 59690 75901 00969 01515 51356 69160 51712  
96024 29069 69113 25170 12170 62165 98197 80111 45279 42055  
50821 17138 11569 98775 63987 15009 38729 59953 88295 67840  
01545 51307 56590 40162 61610 83153 31208 71983 06282 83035  
94135 67439 77970 05400 55101 87633 11843 74228 36484 24371  
43922 43848 18533 70456 86292 42113 25387 41146 63597 05563  
68179 92773 23893 32813 49445 67427 91203 67070 32584 50126  
88320 60029 27576 00558 37268 04387 26972 39738 50310 07261  
89247 06315 20324 78387 42290 91222 73518 08795 71002 06808  
06120 00000

**17481/15946/13543 kHz, 28-04, 0900/0910/0920 UTC**

11166 70004 13579 28001 00049 00000 00000 00000 000000

Link 70048

**16064/14369/12208 kHz, 04-04, 0800/0810/0820 UTC**

11166 70048 78491 04061 00049 00000 00000 00000 00000

**16064/14369/12208 kHz, 11-04, 0800/0810/0820 UTC**

11166 70048 58682 11023 00059 00000 00000 00000 00000

**16064/14369/12208 kHz, 18-04, 0800/0810/0820 UTC.**

11166 70048 57492 18079 00049 00000 00000 00000 00000

**16064/14369/12208 kHz, 25-04, 0800/0810/0820 UTC**

11166 70048 15896 25053 00049 00000 00000 00000 00000

Link 70059

**10486/8184/6773 kHz, 16-04, 0400/0410/0420 UTC**

11166 70059 10295 16001 00049 00000 00000 00000 00000

Link 70147

**12168/10186/8193 kHz, 14-04/15-04, 0800/0810/0820 UTC**

11166 70147 29045 13079 01749  
57555 53199 96688 58128 33121 33976 89480 94306 49915 27307  
84744 84902 55274 62562 58297 60893 04624 44258 66804 77697  
61866 51696 98014 95168 03098 32197 59587 85927 36291 36144  
75505 64281 74184 20641 96587 48433 94581 62129 89329 18993  
35860 29039 55647 32176 49524 61456 43612 71573 97771 98264  
29599 65316 07143 74956 16209 53703 41535 78824 91246 03373  
93581 03246 26053 31844 82572 14415 56517 58140 26665 14454  
27477 53936 78092 69811 69663 27809 79366 94516 59811 82201  
10639 25831 48174 93203 94342 13110 74807 00177 22558 98428  
44632 22760 94163 31052 80349 78738 64202 12925 52353 29111  
34399 73137 17987 36334 44923 10553 93042 43433 06051 62921  
37084 36481 16933 45485 75202 38701 95285 74072 47951 65878  
11159 63103 68047 16825 90267 71574 30188 26984 98781 50436  
27002 57256 38066 70733 73557 84443 78350 03985 64824 35009  
90781 56035 92627 04595 25626 86676 05202 07490 71801 46040  
61314 27750 31997 46300 48743 35828 43514 08622 12466 43494  
20783 10644 80168 83294 44164 78724 93380 58826 84334 78429  
88461 25467 79172 00000

**12168/10186/8193 kHz, 28-04/29-04, 0800/0810/0820 UTC**

11166 70147 68351 27080 00749  
48754 13902 94559 60463 24320 93789 87351 06641 30114 87110  
82615 96247 67978 11032 25744 93235 63516 02214 59563 18463  
69008 33769 24897 23748 84570 35588 21027 22668 86553 01319  
78120 44068 27635 03646 41399 27504 65793 34410 23523 78619  
39122 82402 58304 89955 47651 81437 17886 00845 50917 40931  
56795 13037 90113 13529 29176 17877 81091 16154 09854 75090  
86881 16520 24534 88577 35414 40687 45471 07035 25375 68215  
08678 89393 80072 00000

Link 80214

**16351/14367/11483 kHz, 05-04, 1310/1330/1350 UTC**

11166 80214 15893 05053 00049 00000 00000 00000 00000

**16351/14367/11483 kHz, 12-04, 1310/1330/1350 UTC**

11166 80214 65487 12012 00049 00000 00000 00000 00000

**16351/14367/11483 kHz, 19-04, 1310/1330/1350 UTC**

11166 80214 75321 19076 00049 00000 00000 00000 00000

**16351/14367/11483 kHz, 26-04, 1310/1330/1350 UTC**

11166 80214 25893 26039 00049 00000 00000 00000 00000

X06 - Mazielka

Freq	Date	UTC	Day	Sequence
16116.1	26-3	0620	Mon	Mazielka
13506	12-4	0941	Thu	Sequence: 164532
16223	12-4	0950	Thu	Sequence: 164532
11438	16-4	1549	Mon	Sequence: 532614
11620	16-4	1724	Mon	Sequence: 153624
12174	20-4	1413	Fri	i.p. Sequence: 443355. Ended 1414z
12174	20-4	1418	Fri	i.p. Sequence: 443355. Ended 1420z
14538	3-4	1730	Tue	Sequence: 111666 before XPA2

Freq	Date	UTC	Day	Sequence
14538	3-4	1732	Tue	Sequence: 111666 before XPA2
14538	8-4	1732	Sun	Sequence: 116611 before XPA2
14538	8-4	1734	Sun	Sequence: 116611 before XPA2
16740	12-4	0837	Thu	Sequence: 111333
5770	17-4	0700	Tue	Sequence: 1166666 ended at 0702z
17462	21-4	1838	Sat	Sequence: 111666
17462	21-4	1839	Sat	Sequence: 111666
17462	21-4	1840	Sat	Sequence: 111666
17462	21-4	1842	Sat	Sequence: 111666
12153	25-4	0652	Wed	Sequence: 111222 Ended 0652z
12153	25-4	0654	Wed	Sequence: 111666 Ended 0655z
14538	29-4	1754	Sun	Sequence: 665566 before XPA2
13538	29-4	1818	Sun	Sequence: 665566 before XPA2
11167	30-4	0506	Mon	Sequence: 111666 before XPA2
13567	30-4	0516	Mon	Sequence: 666116 before XPA2
11167	30-4	0518	Mon	Sequence: 666116 before XPA2
15819	30-4	1816	Mon	Sequence: 665566 before E07
15819	30-4	1823	Mon	Sequence: 111666 before E07

## XPA

### 10359/11559/13559 kHz, 02-04/04-04, 0600/0620/0640 UTC

355 355 355 1 355 355 355 1 355 355 355 1  
00100 00099 72267 09788 30638 29804 10264 06289 15186 36327  
28312 84104 88629 32804 03863 21875 58457 45469 77121 34270  
17031 14019 80460 87352 86903 62646 03447 26020 64690 93372  
45872 26346 67261 63644 80830 00453 12997 30782 51656 33437  
95059 05912 97697 05065 92647 88081 72277 63274 67445 77102  
36268 28328 93699 97080 52022 46485 11653 68085 93863 23242  
88665 67771 68291 17901 14113 46119 37693 61264 18490 80045  
98230 73363 95831 05851 89496 09183 28626 99351 51637 49336  
66412 66726 55437 85784 72727 98970 06626 50987 63982 59034  
79502 69644 72200 06983 96680 19132 50806 93636 03798 51794  
61669 57260

### 10359/11559/13559 kHz, 09-04, 0600/0620/0640 UTC

355 355 355 000  
07125 00001 00000 34261

### 10359/11559/13559 kHz, 11-04, 0600/0620/0640 UTC

355 355 355 000  
05606 00001 00000 37255

### 10359/11559/13559 kHz, 16-04/18-04, 0600/0620/0640 UTC

355 355 355 1 355 355 355 1 355 355 355 1  
07775 00139 43285 16788 20457 80568 15861 59733 89192 49378  
70857 55814 33753 22334 98731 83489 65357 04259 83000 51880  
76573 44961 21801 79762 21820 99025 28255 05269 07909 65969  
98010 06250 88983 03278 02052 22985 32426 12807 93103 74029  
89529 82002 14837 19587 43067 56501 62759 90078 80424 61131  
04109 38965 01309 01393 33375 86291 87492 66116 78001 94849  
06732 18329 11135 85515 18044 43236 82539 23212 12564 21838  
45830 63527 54014 38942 10065 39993 50639 86919 84800 16008  
36715 70326 52359 89413 10285 62674 50221 94511 11357 73720  
54131 05588 73958 32814 51431 02529 52422 77280 35093 28752  
52913 27256 15462 40469 64512 90465 08830 51532 73058 56541  
28226 43985 95245 71599 45478 90125 03031 20118 43153 25739

36880 97137 95942 66878 06013 82014 90993 36636 72077 88756  
51306 03989 54525 71617 03803 04696 80150 68061 59418 88495  
08940 46533

**10359/11559/13559 kHz, 23-04/25-04, 0600/0620/0640 UTC**

355 355 355 1 355 355 355 1 355 355 355 1  
06358 00127 88241 96747 51961 29955 61704 97121 35334 06329  
70355 44741 80532 68859 90504 04840 23772 72064 70495 44545  
38053 95570 59734 66861 47648 86107 16754 41345 42465 38832  
01167 62131 74992 68431 86610 28670 13491 18571 62783 61410  
09936 67932 06541 01813 40269 88587 77882 97708 94903 97987  
14519 08091 51890 52519 64011 57350 16324 71797 24377 35669  
05472 79389 68298 14304 51891 25220 54756 08762 17469 94011  
04096 55143 32851 23569 43874 67760 33632 87626 74704 03835  
55154 09950 15710 11821 47926 11743 31096 41471 07355 32552  
46839 53226 03819 02761 77381 37597 44952 29874 61731 08458  
77716 76120 04367 80186 20980 92375 48172 92213 58537 12757  
02911 52150 58702 83006 19057 31600 14618 09930 54663 14043  
26588 33681 86790 68780 33651 87170 62872 90819 06418 66435

**10359/11559/13559 kHz, 30-04, 0600/0620/0640 UTC**

355 355 355 000  
06812 00001 00000 36257

## XPA2

**14538/13538/12138 kHz, 01-04, 1800/1820/1840 UTC**

05432 00001 00000 34661

**16347/17447/18747 kHz, 03-04/06-04, 0700/0720/0740 UTC**

05596 00117 65689 09873 33058 64740 41130 67969 43110 73880  
94323 80539 77822 94631 78166 57456 56921 77557 93773 46451  
22512 54465 07267 33835 57341 37887 30644 81849 24096 29114  
10304 03778 99046 57165 99980 78626 30144 25832 57683 09591  
27461 63276 04408 28262 63395 25703 54887 01218 49362 44377  
50735 57968 00903 78337 38903 65422 86262 63633 94534 85382  
98927 78658 50795 41720 17996 08175 93197 22994 17130 81618  
98065 78304 73396 58345 36010 98334 53767 13825 95875 29189  
04063 43567 51137 21741 30217 07845 58744 83878 53098 81390  
28614 67551 14446 02879 50854 30157 95970 02708 72843 67130  
47333 82053 25126 23387 58491 65027 84502 32892 96904 31997  
06921 60631 95095 12251 84025 10559 26518 16800 52185 52073

**14538/13538/12138 kHz, 03-04/07-04, 1800/1820/1840 UTC**

09949 00113 08078 02281 39531 34886 01592 86544 10291 39943  
75556 01201 66499 36506 03702 82014 50813 80207 06405 91585  
46033 28307 46541 89083 35325 47174 65868 90139 03526 38798  
64209 34246 40563 40928 18883 81826 42583 46389 13003 00880  
88491 82186 13497 49499 24004 47084 80540 66842 65885 69588  
93425 39997 58432 63596 65517 34078 38571 42016 74303 96543  
13820 85758 29836 28373 24396 60721 68084 44225 43855 86369  
15632 00232 51025 54137 33798 17768 72947 83274 72033 91242  
88235 88649 08523 41362 79625 91198 64033 33220 51907 36329  
47793 69287 22318 05973 81127 82128 25999 66222 74215 40036  
67239 91156 22474 08411 67151 43030 24079 04682 59739 45370  
45381 08317 21032 20171 91425 21764

**11167/12167/13567 kHz, 04-04, 0700/0720/0740 UTC**

08719 00001 00000 41261

**17462/16114/14828 kHz, 07-04, 1900/1920/1940 UTC**

07715 00001 00000 37260

**11167/12167/13567 kHz, 09-04/11-04, 0700/0720/0740 UTC**

00277 00151 16837 73677 76778 97925 97550 67909 92862 24071  
84114 94134 46634 69477 25463 36174 04274 09016 75833 84066  
15724 95444 55726 80250 83588 61719 05998 60643 53392 42233  
44402 28723 03595 26802 53951 81497 30969 86455 50557 37706  
21981 81561 03855 29350 06684 27486 01884 72101 70313 18315  
26493 71856 74140 06220 53935 26845 28756 80512 95509 15423  
73377 35834 36553 30265 26219 87411 42953 59847 13799 16916  
63762 31106 66523 04725 24745 95610 88952 25120 55219 48052  
99087 56151 60431 17104 45356 84258 87570 83566 70678 52566  
22586 69816 36817 43698 35873 82016 10702 52331 93011 05249  
92635 55366 44890 54911 78272 09963 03021 50756 75552 08895  
41980 77110 44189 25864 54456 87543 25967 94892 97719 98217  
02258 58979 31011 91371 61618 80083 54196 90651 18902 06156  
03326 70106 06502 56353 49167 46707 07269 56772 30797 37579  
74467 09083 80626 09087 61286 41238 94803 79786 67658 27883  
34066 47936 51023 00611

**14538/13538/12138 kHz, 10-04, 1800/1820/1840 UTC**

06133 00001 00000 33261

**16347/17447/18747 kHz, 12-04, 0700/0720/0740 UTC**

05102 00001 00000 32655

**17462/16114/14828 kHz, 13-04/15-04, 1900/1920/1940 UTC**

00416 00093 75663 52374 94567 08733 43254 92873 21236 96676  
32430 15079 85402 81515 81226 70023 46111 17481 30388 59696  
25214 36548 72919 13887 11225 98327 18942 23441 22470 87570  
31751 32761 22012 58020 17692 75558 73270 16600 22490 60334  
55751 16938 19436 72709 58572 50038 25679 74850 65475 08327  
46042 98338 62249 40471 87239 87310 98340 38745 18566 03994  
82604 81839 51787 87791 72108 35917 12389 77138 02383 97463  
53711 32736 58470 16976 37062 78130 90534 57205 74340 25673  
98570 72997 99630 34124 39709 01549 96696 56024 88637 43705  
82933 07901 75519 88405 08509 60723

**14538/13538/12138 kHz, 15-04, 1800/1820/1840 UTC**

04906 00001 00000 40654

**11167/12167/13567 kHz, 16-04, 0700/0720/0740 UTC**

07687 00001 00000 37667

**16347/17447/18747 kHz, 17-04/20-04, 0700/0720/0740 UTC**

07759 00133 19463 18428 48982 56895 45861 31529 39193 40895  
20939 60873 75553 53736 95525 20933 42229 78857 58864 57790  
58600 11037 03155 87654 11652 46698 53519 84952 17413 65504  
05049 73391 91237 23907 70761 07850 61987 46269 71734 10528  
17042 56681 07856 98829 83090 07680 93035 02024 82225 50534  
53517 94285 17241 81330 60166 08557 12256 61704 03169 44306  
83211 77262 63649 92528 35011 81869 08035 35083 32249 55656  
15793 58712 05761 48500 13929 88921 77272 89528 08769 80116  
39539 16726 38207 82412 21455 87799 49848 19636 17972 09284  
34516 21224 07691 12183 97838 59402 35666 90499 58658 33230  
82730 22003 85891 53955 50163 31791 91455 78738 98172 97817  
85279 65461 80715 84422 07686 61752 91013 44107 44670 32926  
61367 07464 70897 98740 04568 27460 43109 06630 47922 66441  
05829 09650 35246 71911 94952 01164

**14538/13538/12138 kHz, 17-04/22-04, 1800/1820/1840 UTC**

07198 00105 85837 75795 44518 12826 14543 83911 87344 37446  
38888 07845 15340 76298 03145 59329 96100 73373 28699 73763  
44477 65065 53462 10008 92970 40921 22656 14690 29148 41520  
24954 47129 25738 95036 93011 92815 11646 53477 80378 20000  
35418 25438 97954 17240 84437 26741 56438 07725 30575 58077  
41573 23182 69958 50118 23251 55221 34324 27060 76950 05505  
34126 22265 32956 29898 57211 39301 98121 04349 63706 95432  
39239 57996 68658 72197 78048 56013 48694 47167 12835 93739  
67881 09496 85527 44898 03326 87808 67205 01067 67986 76556  
52435 24702 74903 99605 43078 77310 32319 54127 59748 10292  
97957 78608 99230 98030 72669 03424 14295 56721

**11167/12167/13567 kHz, 18-04, 0700/0720/0740 UTC**

01713 00001 00000 36252

**17462/16114/14828 kHz, 20-04, 1900/1920/1940 UTC**

03691 00001 00000 34664

**17462/16114/14828 kHz, 21-04, 1900/1920/1940 UTC**

09719 00001 00000 41262

**11167/12167/13567 kHz, 23-04/25-04, 0700/0720/0740 UTC**

**11167 kHz, 25-04, 0700 UTC. Stops after the 50th group**

00512 00163 50867 99781 03201 95300 89148 62894 16042 62838  
33300 28049 21805 81932 47168 69450 89579 74744 65626 84192  
98295 26139 94655 21670 48611 80475 38930 81540 29026 77137  
45913 05487 70501 73945 53443 66563 55930 44028 94887 98848  
15590 01625 06825 76800 37449 08234 93029 62173 69581 25070  
87623 02436 92428 88867 16323 31476 80074 17892 48259 38343  
52565 86149 50932 18640 89712 23945 11612 04519 51707 47332  
68737 01995 51144 73558 18477 60002 47986 73474 25903 20884  
69840 01968 38815 48876 18551 89092 00637 03971 34657 97546  
79599 23620 12294 81023 53850 81074 37219 12168 14879 79273  
42420 08732 00309 84805 42200 65366 28503 36658 81382 78932  
78470 46993 98980 36208 73382 19938 27910 51616 60638 84576  
35093 84267 99554 09191 80420 66325 73926 48425 30136 92583  
11903 82366 44736 68696 25628 48377 98059 62687 22839 23915  
45109 29169 78104 39267 64764 29095 08076 98236 41040 75163  
51090 91458 74282 88977 20520 44975 53011 93877 59779 51011  
00797 47331 62374 14548 98485 40333

**14538/13538/12138 kHz, 24-04, 1800/1820/1840 UTC**

07530 00001 00000 33562

**17462/16114/14828 kHz, 27-04/28-04, 1900/1920/1940 UTC**

00528 00065 53321 93119 86324 40995 45768 56265 68820 86328  
20663 80233 78735 66455 91318 76321 96037 54538 06772 32445  
70851 34445 97526 81991 23331 17757 64279 91769 13855 82705  
68212 48777 32513 68672 22725 66215 95348 50865 85767 41612  
17573 05387 59974 26189 89017 45114 09309 51693 88658 92074  
75592 17584 33718 71987 76915 35760 29162 52267 56609 54377  
57257 43931 40127 18291 65012 31250 94384 36162

**14538/13538/12138 kHz, 29-04, 1800/1820/1840 UTC**

01958 00001 00000 41656

**11167/12167/13567 kHz, 30-04, 0700/0720/0740 UTC**

02218 00001 00000 36253

**F11**

**9339 kHz, 16-04/18-04, 0845/0850 UTC**

0353 0353 0353 0353 0353

88888 88888 01129 30700 40518 64617 74186 93872 88630 60434

55768 13059 64747 11634 59404 28683 47376 79525 06326 60368

00976 87636 94187 01390 81943 13569 75041 17120 90775 75459

26589 48967 39282 92188 11576 71537 32197 08761 88888 88888

00040 00040

**7670 kHz, 24-04/25-04, 1150/1155 UTC**

0325 0325 0325 0325 0325

88888 88888 52816 59106 57242 81731 30864 20520 80521 33794

82548 37284 61366 68291 13507 55990 16072 17101 91571 65849

17566 23588 75409 88969 11345 89452 35117 54404 02138 78481

68421 64632 86814 88888 88888

00035 00035

**Q26 - Chinese military**

**18154 kHz, 29-04, 0430 UTC**

XX

0103 7849 6446 0267 1323 5772 3568 9906 9680 0286 0005 1014 5485 0917 4317

0434 7437 5171 5964 4631 5541 7543 1362 9541 6723 2831 5654 4172 8053 0452

4595 0551 2125 7952 6082 8703 0561 4641 4372 1905 2674 6308 9298 7823 0681

0142 2685 7950 4106 0816 0000

 $2N$ 

XX

0104 7849 6446 0267 1323 5772 3568 9906 9680 0286 0005 1014 5485 0917 4317

0434 7437 5171 5964 4631 5541 7543 1362 9541 6723 2831 5654 4172 8053 0452

4595 0551 2125 7952 6082 8703 0561 4641 4372 1905 2674 6308 9298 7823 0681

0142 2685 7950 4106 0816 0000

4\*

6F

## ***DIPLOMATIC STATIONS***

### North Korean diplomatic stations

Freq	Date	UTC	Station	Mode
13050	3-4	1313	North Korean diplo	DPRK-ARQ 600 LSB
16240.5	6-4	0805	North Korean diplo	DPRK-ARQ 600 LSB
18033	6-4	0824	North Korean diplo i.p.	DPRK-ARQ 600 LSB
16312	6-4	0925	North Korean diplo i.p.	DPRK-ARQ 600 LSB
10311	7-4	1232	North Korean diplo i.p.	DPRK-ARQ 600 LSB
14115	14-4	0653	North Korean diplo i.p.	DPRK-ARQ 600 LSB
16250	14-4	0702	North Korean diplo i.p.	DPRK-ARQ 600 LSB
10311	14-4	0810	North Korean diplo i.p.	DPRK-ARQ 600 LSB
15105	15-4	0744	North Korean diplo	DPRK-ARQ 600 LSB
15115	15-4	0744	North Korean diplo	DPRK-ARQ 600 LSB
13333	15-4	0747	North Korean diplo	DPRK-ARQ 600 LSB
12850	29-4	0836	North Korean diplo	DPRK-ARQ 600 LSB

## Egyptian diplomatic stations

Freq	Date	UTC	Station	Mode
16009.7	26-3	0827	99905: MFA Cairo	Codan chirp
16065.7	26-3	0830	44405: Egyptian Embassy Islamabad Islamabad	Codan chirp
16021.7	26-3	1133	44406: Egyptian Embassy New Delhi	Codan chirp
16021.7	26-3	1215	99904: MFA Cairo	Codan chirp
16021.7	26-3	1255	99910: MFA Cairo	Codan chirp
16221.7	26-3	1311	99910: MFA Cairo	Codan chirp
16112.7	26-3	1318	99910: MFA Cairo	Codan chirp
16011.7	4-4	1440	MFA Cairo encryptd tfc y Egyptian embassy Washington: NNN HJKJ HUXD YKOJKDW CFXRGKKPHOM %49. : 71 TO: WASHINGTON	SITOR-A 100/170
16023.7	9-4	1337	Egyptian diplo i.p.	SITOR-A 100/170
6273.7	9-4	1732	MFA Cairo clg unid Embassy QVXV	SITOR-A 100/170
11032.7	9-4	1733	99910: MFA Cairo clg 11102 Egyptian embassy Paris	Codan chirp
9065.7	18-4	1733	11105: Egyptian Embassy Rome clg 99904: MFA Cairo 99904	Codan chirp

## UTILITY ROUND-UP

### Unid North Korean net

**5057.3 kHz, 06-04, 0823 UTC, i.p.**

UI 471 419 471 419 471 419

NR 70179 30 0406 1555 1412 =

34658 31622 55388 69361 35193 75338 89391 28745 42415 52681

35466 98815 81765 24214 64629 03357 53429 09549 99501 17232

06848 48956 14727 90268 89620 32756 20407 56753 50008 35000 K

ABV ABV

NR 70179 30 0406 1555 1412 =

3465 31 53DD 6N36A 35AN3 7533D DN3NA (Cont'd)

K

CMG CMG UI471 412 471 412

NR 70179 30 0406 1555 1412 =

T649T T4477 7TT28 37682 89363 03794 75574 (Cont'd)

K

ABV ABV ABV

NR 70179 30 R

NR NR 70179 30 0406 1555 1412 =

T64NT T4477 7TTUD 376DU DN363 (Cont'd)

K

CMG CMG UI 471 415 471 415 471 415

NR 70179 30 0406 1555 1412 =

75764 8674T 37256 41429 66111 95344 (Cont'd)

K

AS AS AS AS AS AS AS AS

VVV 6H4 6H4 6H4 DE 8ZX 8ZX QRU (Cont'd)

7851 7851 SK SK

M CMG M CMG CMG K

WJK

WJ NR NR 70179 30 0406 1555 1412 =

75764 ...40 37U56 (Cont'd)

K CMG CMG

UI 471 413 471 413

NR 70179 38 0406 1555 1412 =

03064 13040 31876 20023 44109 05372 (Cont'd)



## JCS Foxtrot Messages & Emergency Action Messages

Joint Chief of Staff Emergency Action Messages and Foxtrot Messages

Frequencies: 4724, 6712, 6739, 8992, 11175, 13200, 15016 kHz

Date	UTC	Callsign	Details
01-04	2103	Publicize	30 chr EAM SNBO3K MDMRUHFJGRWYXMLFGGPBWYD3
01-04	2149	Publicize	30 chr EAM SN5WSY XKD2CHHJ3IWOV4DEWDRD7N26
01-04	2301	Publicize	30 chr EAM SNFETN CACCJHDTOHTVHBRW6MCJQ6SA
01-04	2314	Publicize	30 chr EAM SNFLUZ IVCYCY7XW422RID2U2BWUSCF
01-04	2330	Publicize	30 chr EAM SNY5TV CXXW3KDZQFVWRJK7AV4LSOJW
01-04	2333	Publicize	30 chr EAM SND4ZE LW6YI4M54ZB665Z3VKPS56XH
01-04	2335	Publicize	30 chr EAM SNANOW PNFJ6CLW43EXPHFSLESGVBKH
01-04	2337	Publicize	30 chr EAM SNC36D LMZZQHZKC46RAYZW6BP2WUHR
01-04	2339	Publicize	30 chr EAM SNHVSJ KIBFXQKRP7LFOABSKOJPVYON
01-04	2344	Publicize	30 chr EAM SNNLRK J4UUKVT2AAOQAVPTYIPDSF2R
01-04	2351	Publicize	30 chr EAM SNUEUV EOORTMELH3BZPH6DP4O3TQ2Y
02-04	1516	Eye Goggle	148 chr EAM SVLUCE SRVI2SQMOMTR4W4BKRNBHWWQCAC4YPPP5I5NN2TVIUJN5QHCZC4URRRE2ELL34RI7PZI6W KEKWF777U2UUUCXF3PS6WOYRPR3I777BMB77IPTO7XALI5P3PXRYYYAOAAA6CNSFBMNSBPQ
02-04	1628	Eye Goggle	30 chr EAM SNIMVX 6OB2SIMIZLEHQ5YIJZE43A5O
02-04	1700	Eye Goggle	30 chr EAM SNIMVX 6OB2SIMIZLEHQ5YIJZE43A5O
02-04	1703	Eye Goggle	148 chr EAM SVLUCE SRVI2SQMOMTR4W4BKRNBHWWQCAC4YPPP5I5NN2TVIUJN5QHCZC4URRRE2ELL34RI7PZI6W KEKWF777U2UUUCXF3PS6WOYRPR3I777BMB77IPTO7XALI5P3PXRYYYAOAAA6CNSFBMNSBPQ
02-04	1724	Eye Goggle	30 chr EAM SN35YH CVPLJLLQITADOOOFQYPAFEUN
02-04	1730	Eye Goggle	30 chr EAM SNIMVX 6OB2SIMIZLEHQ5YIJZE43A5O
02-04	1733	Eye Goggle	148 chr EAM SVLUCE SRVI2SQMOMTR4W4BKRNBHWWQCAC4YPPP5I5NN2TVIUJN5QHCZC4URRRE2ELL34RI7PZI6W KEKWF777U2UUUCXF3PS6WOYRPR3I777BMB77IPTO7XALI5P3PXRYYYAOAAA6CNSFBMNSBPQ
02-04	1748	Eye Goggle	30 chr EAM SNGZDQ PCSAO7LCRUDZ5PMBVCVXCDIZ
02-04	1751	Eye Goggle	30 chr EAM SNNSC3 LFLVLTWOR2XCMC2PWYNRZE67
02-04	1801	Eye Goggle	30 chr EAM SNIMVX 6OB2SIMIZLEHQ5YIJZE43A5O
02-04	1803	Eye Goggle	148 chr EAM SVLUCE SRVI2SQMOMTR4W4BKRNBHWWQCAC4YPPP5I5NN2TVIUJN5QHCZC4URRRE2ELL34RI7PZI6W KEKWF777U2UUUCXF3PS6WOYRPR3I777BMB77IPTO7XALI5P3PXRYYYAOAAA6CNSFBMNSBPQ
02-04	2023	Eye Goggle	30 chr EAM SNVLB6 CBBTOV2MFLCPJ2IJUJDIEZ4A
02-04	2026	Eye Goggle	30 chr EAM SNVLB6 CBBTOV2MFLCPJ2IJUJDIEZ4A
02-04	2233	Eye Goggle	30 chr EAM SNV4AC Q6PTHLR4PZD2UIZSMKUELRAZ
03-04	0705	Copeland	30 chr EAM SNUVBW 2PT27VVGLYUJHR23BZRVIQP
03-04	0713	Copeland	30 chr EAM SNEMXD RQD37X3JEA3O6AWU6R3CZQG
03-04	0807	Copeland	Skyking msg Roses Time 07 Auth JJ
03-04	1005	Copeland	30 chr EAM SNCQZP TPAURXO6QHBEMLPF4YRGKJVL
03-04	1337	Copeland	75 chr EAM Z7QH56 5LOUZA0YP4ZZZFNSVNSLHJBT7TV3KOYNCIOYNGIOYNTIOYB2IOYNOIOYMYIHYREIONYL
03-04	1353	Copeland	30 chr EAM SNJ3MQ CDS57LK2GRJ0RPMEH7U4AXIF
03-04	1530	Copeland	30 chr EAM SNVFBO 2R34PF7GYRDROLE4DHJF63WM
03-04	1533	Copeland	30 chr EAM SNGSAU RX4PCPWNSEPUWX3OH33NICTX
03-04	1536	Copeland	30 chr EAM SN5R6O NP4UHYNWGFKMDF7N7T6J7IT3
03-04	1551	Copeland	30 chr EAM SN4FLD Q3Z5WLRT2NM6NLI3HMRAX5FW
03-04	1608	Copeland	30 chr EAM SNW7BP DHC4TF7F7E7PWZB4MFMIXSOC
03-04	1612	Copeland	30 chr EAM SNAYAW GZBEE262IOSETXMU4QBAUO6C
03-04	1615	Copeland	30 chr EAM SN7VYQ 7JOZY2HMBWJHMX7YA4QCGYNO
03-04	1817	Copeland	50 chr EAM Z7BKSB ZGP433RFDVJRVJCYMVDLRRVCYBOGLAZY2KFHCYRNQE
03-04	1947	Copeland	30 chr EAM for Buzz-13 Z7RFMZ ZT2E5GPCUBJE2XP4ZGCB23R6
03-04	1956	Copeland	30 chr EAM SNZQTZ JW5IE2AMY2B2SELYEJXBZDA6
03-04	2017	Copeland	30 chr EAM SNG6CG S4DWEYMYWQBEGFCCMS2R7IEA
03-04	2132	Copeland	30 chr EAM SNPC2T LGX7DDNPLKBEXNC3JELECHBR
04-04	0026	Hunter	30 chr EAM SNH76H 3DM6PX4NRZZJWTPCW4FAZI4J

04-04	0036	Hunter	30 chr EAM SNWQOP RY2XHY55AN4MD7KFQ2EWQNG5
04-04	0341	Hunter	Skyking msg Billy Idol Time 42 Auth CC
04-04	0343	Hunter	Skyking msg disregard my Billy Idol transmitted at 42 Time 43 Auth CC
04-04	0343	Hunter	Skyking msg Billy Idol Time 43 Auth CC
04-04	0458	Hunter	Skyking msg Billy Idol Time 58 Auth XQ
05-04	2147	Fearless	30 chr EAM SNUT5J 6F747LWPEDQCYDQ77A4WC7V
06-04	0301	Bag Feet	Skyking msg Live Time 01 Auth BA
06-04	0715	Bag Feet	30 chr EAM SNWZ2U BI6SQBBA6RXP6KJRGFYOPN7J
06-04	0717	Bag Feet	30 chr EAM SN64M6 QCIAU2IIBTB7NFHPGRR2D4OL
06-04	0727	Bag Feet	30 chr EAM SN63BZ SIMFKMUSLSQCGL544QC4L7R2
06-04	1238	Bag Feet	30 chr EAM SNZYU4 SDNZCEOYZXOVDV6AYHVT0E3R
06-04	1241	Bag Feet	30 chr EAM SNAAOG FHDE5HTMON7K36JWQ4IX3SC4
06-04	1248	Bag Feet	30 chr EAM SNKNFD LY53ODUAV6N3HHERZL3SQ64M
06-04	1255	Bag Feet	30 chr EAM SNHTVD EVHPZHLRGZ77RIW3APZP6IJW
06-04	1258	Bag Feet	30 chr EAM SNJZOZ HZF3OHCVQO6SRO4Q2S4C3EJU
06-04	1628	Bag Feet	30 chr eam SNXTC2 GPRELTFP3RMNBILWFLYX3JPV
06-04	1940	Bag Feet	30 chr EAM for Drum KXL3ZK J2IEPRDCUMRZETRJZ65CHI2D
06-04	2004	Bag Feet	30 chr EAM for Drum KXNKIZ 27A3M7OGCKAH6SW6FNX47CZH
06-04	2014	Bag Feet	30 chr EAM SNRRQF IRHKWRK4ERRTQF6FYTODSIZU
06-04	2102	Bag Feet	30 chr EAM for Drum KXTZ3W XATS7QLXKKCC5JKKD6A6KIX2
06-04	2120	Bag Feet	30 chr EAM for Drum KXOSUB LSZN2SOMVO52EWFMA5XJBB44
06-04	2132	Bag Feet	30 chr EAM SNZSLR U2I3GZ3AZOJCYLS4H54ABT5J
07-04	0025	Abstainer	30 chr EAM SNIKWA L5HSGO22ZL6YHQPFSWETI7JA
07-04	1235	Abstainer	30 chr EAM for Coma KXGHPD 27Y56CAGGDSOK353ELCYBUKV
07-04	1313	Abstainer	30 chr EAM for Coma KXWXHL BKIKJICZMXCB3EBHOB3LNZU5
07-04	1617	Abstainer	30 chr EAM for Brave Deed KXIF64 Y47WUHAG52BSMJTDP2CI6QRD
07-04	1632	Abstainer	30 chr EAM for Brave Deed KX5454 J2BESKAJ26TEC7TWPRHE6SWH
07-04	1732	Abstainer	30 chr EAM for Coma KXNE3D ZGOKYHRPEBUFFFFW4GAV77YDL
07-04	1747	Abstainer	30 chr EAM for Brave Deed KXHWU3 LGXWZ4K6OX7F3JQTH4ROIJFR
07-04	1817	Abstainer	30 chr EAM SN7UBY 7KHHYYB7PFGMSWBTVM24DIA
07-04	1937	Abstainer	30 chr EAM for Brave Deed KXXOTW N6PRJLQVVX7RZDGVQKAZEK4O
07-04	1948	Abstainer	30 chr EAM for Coma, for Brave Deed KX74KK OD7I6H4YAZPJZA6JOAFVMRBU
07-04	2003	Abstainer	30 chr EAM for Brave Deed KXBKGN NXQ5GEXO5TCXLHSIB25IUXC4
07-04	2014	Abstainer	30 chr EAM for Coma KXFWNR SMV2WIID32RHKNCF4RYB6BZ5
07-04	2335	Abstainer	30 chr EAM SNT0BY 7WW3FRPQHIPC SXK7TANV4JRX
08-04	1146	Trillion	30 chr EAM for Bigby KX4AHJ 33HDVWEUV5PI2375LL44GRQY
08-04	1154	Trillion	30 chr EAM for Bigby KXQYS5 U35RXMRKBEACHON6TL2A7VQR
08-04	1204	Trillion	30 chr EAM for Bigby KXPGPH AFZ47NXN362IRJ7ZDGADSD2X
08-04	1332	Trillion	30 chr EAM for Wilma KXPQ4E LVPCS53VNJT XUUD4UJHLFZZA
08-04	1346	Trillion	30 chr EAM for Wilma KX6EQG UN3AZJZZDB3NJR XVQAV4HPU
08-04	1408	Trillion	30 chr EAM for Bigby KXHU6K B32V2DPNMP6IBX5LR4QARIOB
08-04	1703	Trillion	30 chr EAM for Wilma KEMI2F QA2GVODUUD7BNPZYEJQBZOCU
08-04	1716	Trillion	30 chr EAM for Wilma KXDGZL PZKUKFENZY6MHUJQM62YVI
08-04	1817	Trillion	30 chr EAM for Wilma KX242U 5TP2ABULJOY7SVMO4DTEVPWA
08-04	1834	Trillion	30 chr EAM for Wilma KXEEVH UQ6IPURXI3KHHSL4SORUGRLO
08-04	2121	Trillion	30 chr EAM SNYBRY 2QRUUBSG22E2JNLJZ5PJBCID
08-04	2343	Trillion	30 chr EAM SNOW3G PLKNGL3M6XT2CR7GVAV7JGUL
09-04	0117	Bar Candy	30 chr EAM SN4M7H NHAX2WGWHVKV2UYNOUGTPCMR
09-04	0233	Bar Candy	30 chr EAM SNNGQJ CSDIQ32ZMXK4QYZULHS3HV4R
09-04	0314	Bar Candy	Skyking msg Heartbreaker Time 14 Auth JX
09-04	1610	Bar Candy	30 chr EAM SNHBML KDS4FNQS5ODHBKRHCLCVHWXL
09-04	1619	Bar Candy	30 chr EAM SNZVAT ZFNDISRPNVDV2TUZIAUIFLO7
09-04	1646	Bar Candy	30 chr EAM SN2TI7 K575QV6HBCAC2CLC3ARAGUYO
09-04	1714	Bar Candy	30 chr EAM SN6TNY L4FEC3DDBD DMXNPV3GBXUVSM
09-04	1728	Bar Candy	30 chr EAM SNHHNZ BQMCVBIQKOFV7PX6MGR357PD
12-04	1817	Rose Bowl	30 chr EAM 5DBCUI2 XLRVYE2G64G6PYFWDR437CIE
12-04	1957	Rose Bowl	30 chr EAM 5DEIR7 AE77KIVCLW7FVT4LPNUDLHKQ
12-04	2106	Rose Bowl	30 chr EAM 5D553F DBGF2KCGOUD74XAXUT5EDQKX
12-04	2132	Rose Bowl	30 chr EAM 5DBRUT 53XZRLM4KCNT7ALKL3AWCQRO
12-04	2136	Rose Bowl	30 chr EAM 5DBRUT 53XZRLM4KCNT7ALKL3AWCQRO

12-04	2139	Rose Bowl	30 chr EAM 5DEIR7 AE77KIVCLW7FVT4LPNUDLHKQ
13-04	0655	Delegate	30 chr EAM 5D246Y W7WA2QJJPXHEN5FWRNOAX2N4
14-04	1523	Grass Fox	30 chr EAM 5DSVNV QJOCYLBGHJBAGELFC7T4BQAL
14-04	1535	Grass Fox	30 chr EAM 5DAPFZ TU6CAPVYLLUSVA7WWEAKBTJ3
14-04	1825	Grass Fox	30 chr EAM for Jointly KXBLVL NZQ4DCJY36BO3ON5ZPSHZQ53
14-04	1835	Grass Fox	30 chr EAM for Jointly KXO5GH BNOZOFA4K6MLOWVK5IVE4QEO
14-04	1946	Grass Fox	30 chr EAM for Jointly KXDUPZ JHIVSXNAZUD6DAUO6XT6TYJQ
14-04	2005	Grass Fox	30 chr EAM for Jointly KXV6AB 5IFNTXDBQMFR7AFGZACCMVFN
14-04	2017	Grass Fox	30 chr EAM 5DWJH3 RQ4ENC2IIUFXWMD423ZV6CDI
14-04	2103	Grass Fox	30 chr EAM for Jointly KXWNCW INHO52PO7D4ZRVN6YVIRVUQ5
14-04	2125	Grass Fox	30 chr EAM for Jointly KXH4XN CTT4CPGEVPWCOOC2WHISMWWO
14-04	2234	Grass Fox	30 chr EAM 5DY52E O36RH4BQR3UFVKNBBTUDZT47
14-04	2345	Grass Fox	30 chr EAM 5DWYYW LJDOG22E4SPKLQANYYERN2DU
15-04	0005	Dedicate	30 chr EAM 5DERCC AFR5QIWHI26BVVEGY3S5AVK4
15-04	0008	Dedicate	30 chr EAM 5D6UBQ EBEJJCHBZERPE7J7JCEJF5TB
15-04	0011	Dedicate	30 chr EAM 5DPCIL DCLE6HKZ3P2BCBYGDALFAJP6
15-04	0034	Dedicate	30 chr EAM 5D6EO3 VUJZOK6ASDCUA4KQXSKAYJX7
15-04	0103	Dedicate	30 chr EAM for New Dimension KXGIBG SFIT6PKWSBISBKL4EECHZGPX
15-04	0325	Dedicate	Skyking msg Kinks Time 25 Auth ED
15-04	0335	Dedicate	Skyking msg Lynyrd Time 35 Auth HG
15-04	0531	Dedicate	30 chr EAM 5DFSRC DX4LF6COPFGITVWN6NO3267Z
15-04	0545	Dedicate	30 chr EAM 5DGQVA U7JHDA7FNEWWIOSNR53IQANF
15-04	0548	Dedicate	30 chr EAM 5DWH75 FN3ICHEVUHLDAZWACBFC24AR
15-04	0602	Dedicate	30 chr EAM 5DEBCM L5UQFOTDPJ23Z4KBNPAPOWSQ
15-04	1519	Dedicate	30 chr EAM 5DSP33 2D4DVCARCEODRPPWPVGWILY2
15-04	1528	Dedicate	30 chr EAM 5D4HES 3K2I3JYCJ2X7L3OZM6MK7D3S
15-04	1535	Dedicate	30 chr EAM 5DP5WN PBVD3R5CW75NXTSIFHOQZD2V
15-04	1541	Dedicate	30 chr EAM 5DHHP4 T5UBDVXTB7EAERTBIBZX2Q3N
15-04	1547	Dedicate	30 chr EAM for Air Boy KX7ERI CRCDOTY37IB3DRUM34YWST2M
15-04	1633	Dedicate	30 chr EAM 5DO64Y FQNPOO6C2QPARQIJ3VTZMSGH
15-04	1717	Dedicate	30 chr EAM for New Dimension KX7BTE CJZZYYBZNIBEXECILKFRJBHB
15-04	1733	Dedicate	30 chr EAM for New Dimension KX7TE3 P4P26WX3Z6YSMTN27ZUQ7KS2
15-04	2223	Dedicate	30 chr EAM 5DU2PJ SBJV76DD4DWJDZC4KUHBARJ7
15-04	2248	Dedicate	30 chr EAM 5DZB3G 6PGR2ZTJRLPPP4VK4TNUWA3I
15-04	2325	Dedicate	30 chr EAM 5D2FKA AQFHCYNJ6IA3MVVENIXG4P6C
15-04	2332	Dedicate	30 chr EAM 5DS6WL Q5ULGVH2GLHZSHH4RJAMYJQG
16-04	0117	Silicate	30 chr EAM 5D5V2Y 3BQUZA0A4NMKW2452LV4UWAY
16-04	0133	Silicate	30 chr EAM 5DACJ5 6UPY2QFSHTWJN3RLH4ZH7YPL
16-04	0323	Silicate	Skyking msg Heartbreaker Time 23 Auth BE
16-04	0434	Silicate	30 chr EAM 5DY2CE JPFL3RBGHL7RGBHLPY3T6IJU
16-04	0534	Silicate	30 chr EAM 5D52OR MQ6KQZ67SBAGCIAPL5LV4D2Y
16-04	1046	Silicate	33 chr EAM KXQFEA LLI6EXVNXH4X43HQL7QA75LDSWE
16-04	1449	Silicate	30 chr EAM 5D67F6 SZHM7BNPA2H4VMSNYF3ZABU5
16-04	1950	Silicate	30 chr EAM for Think-91 KXSIZR EBVT6N6BUDON2A54ZIWZ67GT
16-04	2018	Silicate	30 chr EAM 5DQKAF JMC6WCLNOIHRYVVEGFWGPL7N
16-04	2233	Silicate	30 chr EAM 5DRPAF 7BYVCVCUU6HHOWL753S6XTH7
17-04	0506	Stockmen	30 chr EAM 5D7ADH 4DKGTIQ2IQNBDDJ5FNJXOEC
17-04	0519	Stockmen	30 chr EAM 5DH6LS QYGJO4RIVVVBFW2P733NIZE6
17-04	0522	Stockmen	30 chr EAM 5DAHGS 6UESJCSGWS4G7HESPPFX2V5E
17-04	0528	Stockmen	30 chr EAM 5DHCF3 6THPRA2R4D4QPJOR7GD7B3NU
17-04	0540	Stockmen	30 chr EAM 5DN3GN J34RIYSPPGTG15W7D2OBZXKN
17-04	0544	Stockmen	30 chr EAM 5DWZ6F KVMCLR7JJWKKJCWOJNQE6CUK
17-04	1445	Stockmen	30 chr EAM KXDNK5 KDBTYJJW6KWQUPNNFMGJVOZW
17-04	1544	Stockmen	36 chr EAM KXEFFU AHGQNFQOS63C3TO3K2SZRHNWSW5UO7
17-04	1745	Stockmen	30 chr EAM 5DEG4Q LH7YITSUG4FXCFU64YWUP7XD
17-04	1750	Stockmen	30 chr EAM 5DEG4Q LH7YITSUG4FXCFU64YWUP7XD
17-04	2005	Stockmen	30 chr EAM KXLGOV APJN5CE5QWZ6T2YRN2WEYNNI
17-04	2107	Stockmen	30 chr EAM 5DF4UQ CKQ7VETKL2IR7IYDJUVGFB7Z
17-04	2232	Stockmen	30 chr EAM 5DBACB DPGED2IZA557JDHE642RGIJ7
18-04	0025	Islander	30 chr EAM 5DE3N7 FVZQJSVOJ5UP3DLSR326XSIM

18-04	0038	???wood	30 chr EAM 5DE3N7 FVZQJSVOJ5UP3DLSR326XSIM
18-04	0208	Islander	Skyking msg Shrek Time 08 Auth PQ
18-04	0358	Islander	Skyking msg Heartbreaker Time 58 Auth FN
18-04	0632	Islander	30 chr EAM 5DYVK6 JM7YJONHD3N4CKLPNJD7VNOR
18-04	2044	Islander	30 chr EAM 5DE2DH OZWIY7V27AOH7KWBVAJO3RWE
18-04	2152	Islander	125 chr EAM HJLGZY OK- HGOZZ4XBT3PFG57PRWCUZPO7EOQCXDNXTNEB75QQEC4Y2AJAK7DOPVDTFPMNLSNSSNSSRH RPPTTTT6NSEFXK33I3VZZJPJPPEEEHVVQ4NK6QUKJQXH2B
19-04	0552	Heavy Arm	30 chr EAM 5DVFDB JDB6AA6EVFRRT4F27MS27A3K
19-04	0555	Heavy Arm	30 chr EAM 5DSSDP GDGWWXSGWLW44DFCFLAE4FMI
19-04	0608	Heavy Arm	30 chr EAM 5DFQFO TPAOQ6B3N5VX66WURLGSW5BU
19-04	0611	Heavy Arm	30 chr EAM 5DOZHY U6OZOCWOVLGXJEDPTVGH7AEN
19-04	0614	Heavy Arm	30 chr EAM 5DIBUA N2SG6KXQBVNAXMXQKGSQG6B4
19-04	0625	Heavy Arm	30 chr EAM 5DPMRZ O2YH4WKHZDGURKTBHJEPDOZS
19-04	1453	Heavy Arm	52 chr EAM KXWKTC P2LSDJYON7AGXPY4GFKQR3IL4K6QSMY4GRKDUNJPQLPRDG
19-04	1506	Heavy Arm	30 chr EAM KXVYST ZE4AGJSVU5D3IBT6V332IDRS
19-04	1532	Heavy Arm	30 chr EAM 5DI5AT WSX43JUVFSTPOCKUHDQNFPGJ
19-04	1545	Heavy Arm	30 chr EAM 5DL7AH W3VXDCCASQ4U6L36T6AZV3OH
19-04	1623	Heavy Arm	30 chr EAM 5DTEOA EKMMVVVKP34FCISUEJAPNKGL4
19-04	1626	Heavy Arm	30 chr EAM 5D3E5H GG5QGAQOV53HC6FA4GELYKF7
20-04	0541	Geometric	Skyking msg Duran Duran Time 41 Auth TW
21-04	0102	Rain Drop	30 chr EAM 5DDS6A PXVQTOWWXLDMXDT03HBDAIYQ
21-04	0623	Rain Drop	30 chr EAM 5DY7GB ZYPH7BT2X6ZUZ3ZQ5ULOYZPJ
21-04	0630	Rain Drop	30 chr EAM 5DWBAH SDD6PXNRD2XZ54M7X5OWBSC7
21-04	1627	Rain Drop	30 chr EAM 5D5HV7 6VYBAOEXCLHJOYYTVMROKJX2
21-04	1949	Rain Drop	30 chr EAM for Borak-22 KXO3SQ NJ37QNQHJXJXWHL7U2B2FSF4V
21-04	2020	Rain Drop	30 chr EAM 5DQ2ND GU4YWPQ3JTK5B2N37R2ZA4PR
21-04	2315	Rain Drop	30 chr EAM 5DD6QI VDPV3HCD35CNO2QUI6ZKFAL7
21-04	2341	Rain Drop	30 chr EAM 5D2B4S VGIFQI6EUVYONFZRK3KOUVPY
22-04	0340	Drum Beat	Skyking msg Lynyrd Time 40 Auth MS
22-04	0350	Drum Beat	Skyking msg disregard my Lynyrd transmitted at 40 Time 50 Auth RZ
22-04	1449	Drum Beat	36 chr EAM KXTIJX 4LPTV3XGK5BLWFN2FM7U7XBQTAKNWB
22-04	1528	Drum Beat	41 chr EAM KXZ3ZL 5ELYZX3TG6CQTM5SUBCF2UEZA5QEGPYD2CI
22-04	1549	Drum Beat	30 chr EAM 5DPUBX TGTJXZUNLFDVNQP77CIAUHCGB
22-04	2002	Drum Beat	30 chr EAM 5DMQEZ 7D2FTG7HGNX5QNOIJJNESHTC
22-04	2259	Drum Beat	30 chr EAM 5D2TI4 PSNDH7O3RQ7T3TQRE7FNRQXK
22-04	2301	Drum Beat	30 chr EAM 5DCBS7 PPVLWR2QBID7EG67OYJ2LZ4E
22-04	2317	Drum Beat	30 chr EAM 5DLPKM DS72HKZELU6ZBLLAUAE2ZNYC
22-04	2338	Drum Beat	30 chr EAM 5DVNKA HIFDGF0ES67PJTUX2V7YI6EW
22-04	2340	Drum Beat	30 chr EAM 5DWKRY KJIS7YCXLH3LCID6YILGFXOI
23-04	0047	Mint Pie	30 chr EAM 5D2CRJ O6Q6Q7JDRZOX2O3NC4ID4PMK
23-04	0105	Mint Pie	30 chr EAM 5D7XLA MFROBNTRKGC77VVR5ER3GDKT
23-04	0214	Mint Pie	Skyking msg Springsteen Time 14 Auth AA
25-04	1622	Arm Hold	81 chr EAM HJSBSX 3QLBISKEEO2MDRQLOFDCXBMVVECY5H5OU32L4DRVH7BGKU3XXLPNE4DGUGD3G2222HBLYG N43N6
25-04	1803	Arm Hold	30 chr EAM ONEVQD NCNOEPCRNJJRRUNFOCRFHZPV
25-04	1830	Arm Hold	30 chr EAM ONEVQD NCNOEPCRNJJRRUNFOCRFHZPV
25-04	1900	Arm Hold	30 chr EAM ONEVQD NCNOEPCRNJJRRUNFOCRFHZPV
25-04	1916	Arm Hold	30 chr EAM ONRR73 X3342DVQX5D6DWWCXNPMUWSI
25-04	1920	Arm Hold	30 chr EAM ONVDI3 WBMMRKHJLZHH2ZL42E6PZIMK
25-04	1942	Arm Hold	30 chr EAM ONKE4X WX47XW47MCA7ODV4B5K3R7D6
25-04	1947	Arm Hold	36 chr EAM KX4PES IPQHKWQ4O75EOQQ7TBJD4T2UZE2ND
25-04	2215	Arm Hold	52 chr EAM KX2T5X HZSAF6PSVWI3PGZBUCLZBUUB6MB7A3MH7LZ6MZ7RCOC7DN
25-04	2247	Arm Hold	30 chr EAM ONS567 FHRTYPNPTYOAPS7EC5BOI7ZQ
25-04	2252	Arm Hold	30 chr EAM ONSZPK BEO44A4CIAPBK6CD22Y4ZGK3
25-04	2315	Arm Hold	30 chr EAM ONHWPD 2KGWIGSPOEBCNVIMXGVDORPT
25-04	2318	Arm Hold	30 chr EAM ONC655 BOF64KA6AI2N76BODQ76EOD4
26-04	0610	Criteria	30 chr EAM ONVWRX S4SCI6WVNSHV674M72GOTW5S
26-04	0613	Criteria	30 chr EAM ONTE54 CLPYPNNV7OQJIWYAFH5ZFR3W



26-04	0622	Criteria	30 chr EAM ONEINC BYBBVAQWBWY7FYQHPRU4NHRT
26-04	0625	Criteria	30 chr EAM ON5CAQ AK2LH4ONDZNFVHL35N4A23IM
26-04	1241	Criteria	30 chr EAM ON3BSK YSJ4EEGLUBPECZNKBEPZUIET
26-04	1251	Criteria	30 chr EAM for Diller Paper KXSTK7 ENVXJ2FI2LORQJ2SQP7ADNAZ
26-04	1307	Criteria	30 chr EAM for Diller Paper KXTHMN WSTPIGV5SEUHZ7HJQBH66TSD
26-04	1330	Criteria	30 chr EAM for Diller Paper KX6QUG ENF4NUKKYSXHFYP3U7YVFBZ
26-04	1526	Criteria	52 chr EAM KXFLK QAO7CJRH6CLO7ULG6437Z6IZCZBTHS5C7UMS7A3E2M3UJH
26-04	1531	Criteria	30 chr EAM KXFLK QAO7CJRH6CLO7ULG6437Z6IZCZBTHS5C7UMS7A3E2M3UJH
26-04	1537	Criteria	30 chr EAM KXAP2R NXM25YMECGJFRGUCPRXHPONS
26-04	1555	Criteria	30 chr EAM ONIEH4 I7ZA2HIBVHY2KAAIKBEKVGR
26-04	1558	Criteria	30 chr EAM ONIPXX 2COSNS77YC2LIC2NR24BYD32
26-04	1611	Criteria	30 chr EAM ONRN2N 4T3OIOBFD6JS2EYQUMUYIFLT
27-04	1611	Everglade	30 chr EAM ONE5UY 3WNUWEBXESC23CUYJAXXJ6S
28-04	0628	Abstract	30 chr EAM ON4NNJ RBRF63S5VJKCLBQ7GRJSTVKC
28-04	0655	Abstract	30 chr EAM ONVFBR ZT4AOKMJLRLJYMCA63UCFJZ6
28-04	1716	Abstract	30 chr EAM ONJUMO 6EDYJLCRFCKJPTGP447DERNL
28-04	2223	Abstract	30 chr EAM ONPC6K AD3V7KYGIHEL5R3HE2CP4YQW
28-04	2225	Abstract	30 chr EAM ONVCRF A4WSW6ZWUGOPRHAAEV567FTM
28-04	2236	Abstract	30 chr EAM ONSEZD N77FN3KH3S7OJPYHKTVMZUWE
28-04	2238	Abstract	30 chr EAM ON24VC 2RGSVDTMGLFOIMKRKGPCHOZA6
28-04	2245	Abstract	30 chr EAM ONBLTW BN2PKXAODBXP4VZAYI4DGRN
28-04	2250	Abstract	30 chr EAM ON2LCB VKMVRPURWDJOZQPITOKWBCUZ
29-04	0046	Automatic	30 chr EAM ONAEYL RPKVBB7XCEZI3GLI5G3QT7FC
29-04	0342	Automatic	30 chr EAM ON2ZQU G6HWPXS5IGAYSBBV7PRXHZFD
29-04	1733	Automatic	77 chr EAM HJPBKS HU5CWDCEVFGXMAA2JBWNYZGFS54WV7GF7SUZPI7GKVP55DG5JTHSQXD43333JYPB2RZKJ4
29-04	1733	Automatic	77 chr EAM HJHPJB Y4AN66XQWWBDWPI7NMW20KJ2SR5RFXAQEUSUAEVWBKTBOEH7EN2FDASMUCCCC2YPNIYD 4EZ
29-04	1947	Automatic	30 chr EAM ONDWQF ALRHTRPGQMIR25FFRQUEWKAP
30-04	0527	Car Chair	Skyking msg Van Halen Time 27 Auth WJ
30-04	0554	Car Chair	Skyking msg Duran Duran Time 54 Auth FR
30-04	1246	Car Chair	30 chr EAM ONXWY4 QOKZPLE42EVWJEZ7IKB2K3MJ
30-04	1249	Car Chair	30 chr EAM ONBKGV GRQN2YZCN4B4H2MY7VHA4E3C
30-04	1302	Car Chair	30 chr EAM ONJYN2 ELPGZSNZQGYF6OT6AT267ALQ
30-04	1316	Car Chair	30 chr EAM ONFSTE UW6D66QFPVDXBC7NZFH3LRZE
30-04	1325	Car Chair	30 chr EAM ONTG3R WRUTKTGQQM76W7IBF5MUPWYD
30-04	1436	Car Chair	30 chr EAM KX6HDG 5FD6OV2GSA2B64RPIE4RSZQP
30-04	1533	Car Chair	30 chr EAM for Copy-67 KXL4YI GTZYVESR2TZSZDMQMHCMMV2CE
30-04	1603	Car Chair	30 chr EAM ON3MUL 4YINN6JYJODSGE5DPWQ7CFVA
30-04	1728	Car Chair	30 chr EAM ONKLK3 5H5GOTGK7UF6GYOEDX4RF5O7

## RUSSIAN MILITARY TRANSCRIPTS

Excerpts from logs submitted by RP-MD, JPL, AB, WP3, Tom.

### RMv/RNv/RNAv/RAv - Russian military voice transmissions

RAv – Russian Air Force

Korsar - Russian Military Transport Aviation (VTA) HQs, Moscow  
 Polis- 117th Air Transport Regiment, 6956th Air Base, Orenburg  
 Klarnetist- 12th Air Transport Division, 6955th Air Base, Migalovo/Tver  
 Proselok- 566th Air Transport Regiment, Bryansk  
 Davlenie- 708th Air Transport Regiment, 6958th Air Base, Taganrog  
 Magnetron- poss 566th Military Transport Air Regiment - Seshcha

**11360 kHz, 02-04**

1121 UTC 76143 (IL-76MD) USB calling Korsar & Proselok w/no response.  
1128 UTC Korsar R/Cs w/78757 (IL-76MD).  
1133 UTC Korsar w/unheard acft confirming landing at Raspiska (Russian AB Mozdok).  
1142 UTC Korsar w/78764 (IL-76MD) reporting departure from (missed) w/30 tons fuel and next is Raspiska ETA 1540 MSK. At 1333Z reports landing at Raspiska.  
1200 UTC Korsar w/76739 (IL-76MD--not heard) reporting departure from (missed) at 1442 MSK w/50 tons fuel and next is Al'ma. At 1245Z reports 1 hr into flt w/44 tons fuel.  
1227 UTC Korsar w/78766 (IL-76MD 196th Military Transport Air Regiment - Tver-not heard) reporting 4 hrs into flt w/30 tons fuel & "ops normal".  
1336 UTC Korsar w/unheard acft reporting departure from " The Point" (Latakia Syria) and next is Krimsk.

**6685 kHz, 02-04**

1511 UTC Korsar w/78847 (IL-76MD) reporting landing at undisclosed location at 1810 MSK.  
1300 UTC Korsar w/76740 (IL-76MD) reporting landing at Pravdivniy (Russian AB Kubinka) at 1556 MSK.  
1304 UTC Korsar w/78790 (IL-76MD 196th Military Transport Air Regiment - Tver) reporting 1 hr into flt w/36 tons fuel & "ops normal"  
1305 UTC Korsar w/76530 (IL-76MD 566th Air Transport Regiment, Bryansk) reporting landing at Tver at 1603 MSK.  
1517 UTC Korsar w/81505 (unid) reporting flt going according to plan & next is Baku.  
1523 UTC 76745 (IL-76MD) USB calling Davlenie & Korsar w/no response.  
1527 UTC Korsar w/76530 (IL-76MD 566th Air Transport Regiment, Bryansk) reporting 1826 MSK landing at Kanatniy (Russian AB, Ivanovo-North).  
1532 UTC Korsar w/78794 (IL-76MD) reporting departure from Krimsk & next is Kubinka ETA 2230 MSK.  
1539 UTC Korsar w/76722 (IL-76MD 708th VTAP Taganrog Central) reporting 2 hrs into flt and " on the route" (marshrut)

**6296.5 kHz, 02-04, 1322Z UTC**

Koton-11 (O/M (Russian) R/Cs w/Rabot-59 (O/M Russian) then passes phonetic msg ZKTVEZPAZ4.

**5700 kHz, 24-04**

1218 UTC Auktsiyon (unid-O/M Russian) R/Cs w/Klarnetist.  
1227 UTC Klarnetist R/Cs w/Auktsiyon. Then Auktsiyon R/Cs w/Davlenie.  
1228 UTC 78805 (IL-76MD) calling Korsar w/no response.

**6685 kHz, 24-04**

1300 UTC Klarnetist USB R/Cs w/Auktsiyon, Davelenie, Polis, Proselok, Magnetron, Polotnoy,  
1309 UTC Klarnetist w/78805 (IL-76MD) reporting group 303 & "ops normal".  
1317 UTC 78805 calling Klarnetist w/no response. Answered by Auktsiyon. 78805 reports group 304 & "ops normal". Auktsiyon asks if he is on the ground---no response from 78805.  
1318 UTC 94296 (poss IL-78 tanker) USB calling Klarnetist, Kosar & Magnetron w/no response. Answered by Auktsiyon. Auktsiyon then contacts Klarnetist and advises that 94296 is trying to contact him.  
1327 UTC 78805 calling Klarnetist and reports group 305.  
1357 UTC 78805 w/Klarnetist reporting he is group 301 and that he and 78844 (IL-76MD 224th Air Detachment, Tver) are returning to Rybinsk.  
1328 UTC Auktsiyon w/94296 who reports 305 at 1620 MSK.  
1333 UTC Auktsiyon w/94296 reporting group 306 at 1631 MSK.  
1338 UTC Auktsiyon w/94296 reporting group 307 at 1637 MSK.  
1347 UTC Auktsiyon calling Magnetron & Korsar w/no response. Contacts Klarnetist and asks if Korsar is working today and if he's heard Magnetron today.  
1348 UTC Klarnetist calling Magnetron w/no response.  
1349 UTC Auktsiyon w/94296 who reports he's on the approach for landing.

## ***M32 - Russian / CIS Military CW Stations***

**7964 kHz, 03-04, 1929 UTC , i.p.**

RPT K

R K

5XNK 5XNK 5XNK DE IO5H IO5H K

R K

HDFP HDFP HDFP DE IO5H IO5H K

R K

DNMR DNMR DNMR DE IO5H IO5H K

R K

**10164 kHz, 10-04, RDL**

0927 UTC UUU XXX XXX WEGI WEGI 86139 93233 UKORODOLG 9397 0667

0935 UTC UUUU XXX XXX WEGI WEGI 57122 93233 TUEKOSOUeZ 6182 6154 TRUPOPLUG 7134 1376

1136 UTC XXX XXX WEGI WEGI 37434 41852 TAeTXKA 1634 1129 STOLB 5318 2811

1156 UTC XXX XXX RGT77 RGT77 09924 85403 MOLELXQIK 7250 7437

1158 UTC UUUU XXX XXX 2V8I 2V8I 83074 60983 BAeZEWYJ 7678 4236

**12471//12832//14411 kHz, RDL**

1208 UTC UUU 84790 68891 PROTEZIST 8180 0888

1220 UTC UUUU XXX XXX N4IY N4IY 15647 81387 KRAeVOSKIP 6210 2915

1223 UTC UUUU XXX XXX 2V8I 2V8I 99444 75675 OTSLOENIE 2830

**10535//12776//12741//12832 kHz, 12-09, RDL**

1607 UTC U U U U XXX XXX WEGI WEGI 56573 98109 GESTAPOWEC 6167 3657

**10164 kHz, 12-04, RDL**

1622 UTC UUUU XXX XXX 2V8I 2V8I 67793 61510 GONGOGA 9823 7746

1624 UTC UUUU XXX XXX 2V8I 2V8I 65440 96787 ZALPOCIRK 9424 7632

**10164 kHz, 13-04, RDL**

0945 UTC UUUU XXX XXX 2V8I 2V8I 77112 69269 BEROSHtUF 9451 4946 K

1435 UTC UUUU RDL RDL RDL 46217 04254 46217 04254 46217 04254 K

**7703 kHz, 23-04, 2036 UTC, i.p.**

5823 2245 040 5823 2245 040 = ZAQ Z81 =

11095 91727 11156 69678 15206 07146 95676 90272 14382 79641

59153 44272 75276 11696 01942 19244 86187 19632 11503 76632

24953 10184 11406 54526 06000 67094 29959 94244 06163 08908

58805 20555 18165 71297 46654 65556 55886 05306 37651 78300

52855 18533 92432 07434 35917 25698 13277 89381 26162 30989

14844 41199 27519 57327 26461 23055

RPT AL K

## ***M32a - Russian Navy (Voyenno-Morskoy Flot Rossii)***

**8345 kHz, 03-04, 0607 UTC**

RCV DE RJH48 179 17 3 0902 179 = SML FOR RJH45 RJE73 =

03091 99363 10269 44698 03605 10180 40266 57014 70000 80000 22232 00165 20000 03013 = + RJH48 K

**8345 kHz, 03-04, 0610 UTC. RFH61: Russian Navy Ship Perekop (310)**

RCV DE RFH61 182 19 3 0850 182 = SML FOR RJH45 RJE73 RJD38 RIF4 =

03061 99377 10257 41498 20507 10160 40195 53011 70200 82100 22233 00070 20000 03013 = + RFH61 K

**12464 kHz, 03-04, 0804 UTC**

RIW DE RFH70 OK QSU1 QWH13086 QSX12260K  
 QSU1 SK K  
 OK QYT4 QWH 8623 12948 QSX 8310 12374 FM RAA K  
 QRV K  
 810 64 3 1040 810 = FM RAA = 60761 76897 26903 56922 95210 .....

**9145 kHz, 03-04, 0812 UTC**

RGR70 DE RIW QYT4 QWH 8623 12948 QSX 8310 12374 FM RAA K  
 QTC K  
 RIW 810 64 3 1040 810 = FM RAA = 60761 76897 26903 56922 95210 ....

**12464 kHz, 03-04, 0930 UTC. RCJG: Russian Navy AO Ivan Bubnov**

RCV DE RCJG 249 37 3 1215 246 = SML = 11111 81436 31642 69676 ....

**12464 kHz, 03-04, 0937 UTC. RFH61: Russian Navy Ship Perekop (310)**

RCV DE RFH61 757 19 3 1215 757 = SML FOR RJH45 RJE73 RJD38 RIF4 =  
 03091 99373 10261 41498 20511 10170 40194 53001 70200 82100 22233 00070 20303 03013 = + RFH61 K

**12464 kHz, 03-04, 1152 UTC. RFH61: Russian Navy Ship Perekop (310)**

RCV DE RFH61 402 19 3 1445 402 = SML FOR RJH45 RJE73 RJD38 RIF4 =  
 03121 99370 10266 41598 20508 10179 40190 52004 70200 82100 22233 00080 20201 03013 = + RFH61 K

**12464 kHz, 03-04, 1204 UTC. RJ148: Russian Navy SB-739**

RCV DE RJ148 137 17 3 1502 137 = SML FOR RJH45 RJE73 =  
 03151 99353 10275 44598 03605 10180 40266 57014 70000 80000 22232 00165 20000 03013 = + RJ148 K

**8417 kHz, 10-04**

XXX REO 77214 ZEMLEBITNYJ 8084 6025 K  
 XXX REO 09341 KLUBOK 7351 2968 K  
 XXX REO 54984 DOLOCHLAK 4502 7523 K  
 XXX REO 72849 DOROVNIK 7693 6803 K  
 XXX REO 55416 KINOFABRIKA 6490 6581 KAMÖATKA 0399 2441 K  
 XXX REO 28202 WLETOCHLAM 2355 0558 K

**13561 kHz, 19-02, 1357 UTC**

XXX XXX ALBA ALBA 10474 UGONOTOM 7024 4239 K

**12464 kHz, 20-04, 0916 UTC. RGZ59: Russian Navy LS Nikolay Filchenkov**

RCV DE RGZ59 440 15 20 1210 440 = FOR RJE73 =  
 20091 99360 10273 41996 03209 10261 40092 55017 70201 80000 22262 00170 20304 20013 =  
 + RGZ59 K

**5984 kHz, 20-04, 2143 UTC. RGZ59: Russian Navy LS Nikolay Filchenkov**

RCV DE RGZ59 512 15 21 0010 512 = FOR RJE73 =  
 20211 99380 10255 41998 00517 10180 40146 53053 70200 80000 22213 00120 20304 21013 =  
 + RGZ59 K

***M32c - Russian Air Force (Voyenno-vozdushnye sily Rossii)*****Russian Air Force Tu-95MS Bear H net**

8029 kHz, 06-04. W-marker at 0600, 0620, 0740, 0800, 0820, 0840, 0900, 0920 UTC  
 8029 kHz, 09-04. W-marker at 1600 UTC

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## LOGS SECTION

Code	Freq	Date	UTC	Day	Details	Mode	ctrb
---	5057.3	6-4	0823	Fri	Unid N. Korean station i.p. UI47J 419 471 419 471 419 NR 70179 30 0406 1555 1412 = 34658 31622 55388 69361 ... ABV ABV	CW	(JPL-J)
---	11566	19-4	1827	Thu	i.p. 81315 ? ? ? 56468 97413 62524...51638 ? ? 02618 25152 92168 000	CW	(RL)
DPRK	13050	3-4	1313	Tue	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	16240.5	6-4	0805	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(EW)
DPRK	18033	6-4	0824	Fri	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB-CHN)
DPRK	16312	6-4	0925	Fri	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB-CHN)
DPRK	10311	7-4	1232	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	14115	14-4	0653	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	16250	14-4	0702	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	10311	14-4	0810	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	15105	15-4	0744	Sun	North Korean diplo	DPRK-ARQ 600 LSB	(Phi)
DPRK	15115	15-4	0744	Sun	North Korean diplo	DPRK-ARQ 600 LSB	(Phi)
DPRK	13333	15-4	0747	Sun	North Korean diplo	DPRK-ARQ 600 LSB	(Phi)
DPRK	12850	29-4	0836	Sun	North Korean diplo	DPRK-ARQ 600 LSB	(phi)
E06	15645	5-4	0500	Thu	951 347 62 75511 12904 41446 ... 41278 16809 04477 347 62 00000	USB	(HFD)
E06	17470	5-4	0600	Thu	951 347 62 75511 12904 41446 ... 41278 16809 04477 347 62 00000	USB	(AB-RUS)
E06	5186	5-4	2030	Thu	891 183 77 73413 48673 92659 ... 91242 17492 27491 183 77 00000	USB	(AB)
E06	15645	6-4	0500	Fri	951 347 62 75511 12904 41446 ... 41278 16809 04477 347 62 00000	USB	(AB-RUS)
E06	17470	6-4	0600	Fri	951 347 62 75511 12904 41446 ... 41278 16809 04477 347 62 00000	USB	(AB-RUS)
E06	5197	6-4	2130	Fri	634 183 77 73413 48673 92659 ... 91242 17492 27491 183 77 00000	USB	(AB)
E06	15641	19-4	0300	Thu	361	USB	(HFD-CHN)
E06	15645	19-4	0500	Thu	951 472 60 88789 36633 07951 ... 09752 15226 66997 472 60 00000	USB	(AB-RUS)
E06	17470	19-4	0600	Thu	951 472 60 88789 36633 07951 ... 09752 15226 66997 472 60 00000	USB	(AB-RUS)
E06	5186	19-4	2030	Thu	891 134 57 69834 91020 28974 ... 72813 26743 84732 134 57 00000	USB	(AB/RL)
E06	15645	20-4	0500	Fri	951 472 60 88789 36633 07951 ... 09752 15226 66997 472 60 00000	USB	(AB-RUS/HFD)
E06	17470	20-4	0600	Fri	951 472 60 88789 36633 07951 ... 09752 15226 66997 472 60 00000	USB	(AB-RUS/HFD)
E06	5197	20-4	2130	Fri	634 183 77 73413 48673 92659 ... 91242 17492 27491 183 77 00000	USB	(AB)
E07	9064	1-4	0600	Sun	024 024 024 1 513 57 513 57 12959 62837 96047 ... 40537 61055 08961 000 000	USB	(AB)
E07	10264	1-4	0620	Sun	024 024 024 1 513 57 513 57 12959 62837 96047 ... 40537 61055 08961 000 000	USB	(AB)
E07	11464	1-4	0640	Sun	024 024 024 1 513 57 513 57 12959 62837 96047 ... 40537 61055 08961 000 000	USB	(AB)
E07	14603	1-4	1700	Sun	641 641 641 1 485 95 485 95 47578 60659 12267 ... 98542 75473 20144 000 000	AM	(AB)
E07	13403	1-4	1720	Sun	641 641 641 1 485 95 485 95 47578 60659 12267 ... 98542 75473 20144 000 000	AM	(AB)
E07	12103	1-4	1740	Sun	641 641 641 1 485 95 485 95 47578 60659 12267 ... 98542 75473 20144 000 000	AM	(AB)
E07	15819	2-4	1900	Mon	842 842 842 000	USB	(AB/HFD)
E07	14419	2-4	1920	Mon	842 842 842 000	USB	(AB/RL/HFD)
E07	20574	3-4	1100	Tue	504 1 9432 75 32363 ...	USB	(HFD)

E07	19074	3-4	1120	Tue	504 1 9432 75 32363 ...	USB	(HFD)
E07	17474	3-4	1140	Tue	504 1 9431 96 (unreadable)	USB	(MPJ/HFD)
E07	14603	4-4	1700	Wed	641 641 641 1 485 95 485 95 47578 60659 12267 ... 98542 75473 20144 000 000	AM	(AB/MP/HFDJ)
E07	13403	4-4	1720	Wed	641 641 641 1 485 95 485 95 47578 60659 12267 ... 98542 75473 20144 000 000	AM	(AB/RL/MPJ/HFD)
E07	12103	4-4	1740	Wed	641 641 641 1 485 95 485 95 47578 60659 12267 ... 98542 75473 20144 000 000	AM	(AB/RL/MPJ/HFD)
E07	15819	4-4	1900	Wed	842 842 842 000	USB	(AB/RL/Dan/MPJ)
E07	14419	4-4	1920	Wed	842 842 842 000	USB	(AB/RL/Dan)
E07	9387	5-4	2010	Thu	358 358 358 000	AM	(AB/HFD)
E07	7526	5-4	2030	Thu	358 358 358 000	AM	(AB/HFD)
E07	19074	6-4	1120	Fri	504 504 504 1 9432 75 9432 75 32363 19022 ... 80135 91030 10193 000 000	USB	(MPJ-RUS)
E07	17474	6-4	1140	Fri	504 504 504 1 9432 75 9432 75 32363 19022 ... 80135 91030 10193 000 000	USB	(AB-RUS/MPJ-RUS)
E07	9064	7-4	0600	Sat	024 024 024 1 513 57 513 57 12959 62837 96047 ... 40537 61055 08961 000 000	USB	(AB)
E07	10264	7-4	0620	Sat	024 024 024 1 513 57 513 57 12959 62837 96047 ... 40537 61055 08961 000 000	USB	(AB)
E07	11464	7-4	0640	Sat	024 024 024 1 513 57 513 57 12959 62837 96047 ... 40537 61055 08961 000 000	USB	(AB)
E07	9064	8-4	0600	Sun	024 024 024 1 513 57 513 57 12959 62837 96047 ... 40537 61055 08961 000 000	USB	(AB)
E07	10264	8-4	0620	Sun	024 024 024 1 513 57 513 57 12959 62837 96047 ... 40537 61055 08961 000 000	USB	(AB)
E07	11464	8-4	0640	Sun	024 024 024 1 513 57 513 57 12959 62837 96047 ... 40537 61055 08961 000 000	USB	(AB)
E07	14603	8-4	1700	Sun	641 641 641 1 400 266 400 266 57478 80711 13558 ... 13628 82100 81193 000 000	AM	(AB/MPJ)
E07	13403	8-4	1734	Sun	641 641 641 1 400 266 400 266 57478 80711 13558 ... 13628 82100 81193 000 000	AM	(AB)
E07	12103	8-4	1807	Sun	641 641 641 1 400 266 400 266 57478 80711 13558 ... 13628 82100 81193 000 000	AM	(AB)
E07	15819	9-4	1900	Mon	842 842 842 000	USB	(AB/BW3-POL/MPJ/Brit)
E07	14419	9-4	1920	Mon	842 842 842 000	USB	(AB)
E07	14603	11-4	1700	Wed	641 641 641 2 468 293 468 293 06573 49680 55921 ... 49873 97602 23138 and 641 641 641 2 400 266 400 266 57478 80711 13558 ... 13628 82100 81193 000 000	AM	(AB/MPJ)
E07	13403	11-4	1804	Wed	641 641 641 2 468 293 468 293 06573 49680 55921 ... 49873 97602 23138 and 641 641 641 2 400 266 400 266 57478 80711 13558 ... 13628 82100 81193 000 000	AM	(AB)
E07	15819	11-4	1900	Wed	842 842 842 000	USB	(AB/MPJ)
E07	12103	11-4	1908	Wed	641 641 641 2 468 293 468 293 06573 49680 55921 ... 49873 97602 23138 and 641 641 641 2 400 266 400 266 57478 80711 13558 ... 13628 82100 81193 000 000	AM	(AB)
E07	14419	11-4	1920	Wed	842 842 842 000	USB	(AB)
E07	9387	12-4	2010	Thu	358 358 358 1 9951 65 9951 65 43308 54860 64527 ... 39277 18439 09653 000 000	AM	(AB)
E07	7526	12-4	2030	Thu	358 358 358 1 9951 65 9951 65 43308 54860 64527 ... 39277 18439 09653 000 000	AM	(AB)
E07	5884	12-4	2050	Thu	358 358 358 1 9951 65 9951 65 43308 54860 64527 ... 39277 18439 09653 000 000	AM	(AB)
E07	19074	13-4	1120	Fri	504 504 504 1 340 71 340 71 11019 24523 76879 ... 63791 04739 38854 11085 000 000	USB	(AB-RUS)
E07	17474	13-4	1140	Fri	504 504 504 1 340 71 340 71 11019 24523 76879 ... 63791 04739 38854 11085 000 000	USB	(AB-RUS)
E07	9064	14-4	0600	Sat	024 024 024 000	USB	(AB)
E07	10264	14-4	0620	Sat	024 024 024 000	USB	(AB)
E07	9064	15-4	0600	Sun	024 024 024 000	USB	(AB)
E07	10264	15-4	0620	Sun	024 024 024 000	USB	(AB)

E07	14603	15-4	1700	Sun	641 641 641 1 400 266 400 266 57478 80711 13558 ... 13628 82100 81193 000 000	AM	(MPJ)
E07	15819	16-4	1900	Mon	842 842 842 000	USB	(AB-RUS/MPJ)
E07	14419	16-4	1920	Mon	842 842 842 000	USB	(AB-RUS)
E07	14603	18-4	1700	Wed	641 641 641 2 468 293 468 293 06573 49680 55921 ... 49873 97602 23138 and 641 641 641 2 400 266 400 266 57478 80711 13558 ... 13628 82100 81193 000 000	AM	(AB/MPJ)
E07	13403	18-4	1804	Wed	641 641 641 2 468 293 468 293 06573 49680 55921 ... 49873 97602 23138 and 641 641 641 2 400 266 400 266 57478 80711 13558 ... 13628 82100 81193 000 000	AM	(AB)
E07	15819	18-4	1900	Wed	842 842 842 000	USB	(AB/Dan)
E07	12103	18-4	1908	Wed	641 641 641 2 468 293 468 293 06573 49680 55921 ... 49873 97602 23138 and 641 641 641 2 400 266 400 266 57478 80711 13558 ... 13628 82100 81193 000 000	AM	(AB)
E07	14419	18-4	1920	Wed	842 842 842 000	USB	(AB/MPJ/Dan)
E07	9387	19-4	2010	Thu	358 358 358 000	AM	(AB)
E07	7526	19-4	2030	Thu	358 358 358 000	AM	(AB/RL)
E07	9064	21-4	0600	Sat	024 024 024 1 290 23 290 23 34862 41586 44264 ... 04197 90865 41657 90260 000 000	USB	(AB)
E07	10264	21-4	0620	Sat	024 024 024 1 290 23 290 23 34862 41586 44264 ... 04197 90865 41657 90260 000 000	USB	(AB)
E07	11464	21-4	0640	Sat	024 024 024 1 290 23 290 23 34862 41586 44264 ... 04197 90865 41657 90260 000 000	USB	(AB)
E07	9064	22-4	0600	Sun	024 024 024 1 290 23 290 23 34862 41586 44264 ... 04197 90865 41657 90260 000 000	USB	(AB)
E07	10264	22-4	0620	Sun	024 024 024 1 290 23 290 23 34862 41586 44264 ... 04197 90865 41657 90260 000 000	USB	(AB)
E07	11464	22-4	0640	Sun	024 024 024 1 290 23 290 23 34862 41586 44264 ... 04197 90865 41657 90260 000 000	USB	(AB)
E07	14603	22-4	1700	Sun	641 1 292 245 63482 58982 88193 ... 96316 44740 89658 000 000	AM	(MPJ)
E07	15819	23-4	1900	Mon	842 842 842 1 499 62 499 62 65826 91918 90488 ... 14240 57896 24197 45436 000 000	USB	(AB)
E07	14419	23-4	1920	Mon	842 842 842 1 499 62 499 62 65826 91918 90488 ... 14240 57896 24197 45436 000 000	USB	(AB)
E07	12219	23-4	1940	Mon	842 842 842 1 499 62 499 62 65826 91918 90488 ... 14240 57896 24197 45436 000 000	USB	(AB)
E07	17474	24-4	1140	Tue	504 1 ... 327_32__ 52825 06858 ...	USB	(MPJ)
E07	14603	25-4	1700	Wed	641 641 641 1 292 245 292 245 63482 36982 88193 ... 96316 44740 89658 000 000	AM	(AB/MPJ)
E07	13403	25-4	1731	Wed	641 641 641 1 292 245 292 245 63482 36982 88193 ... 96316 44740 89658 000 000	AM	(AB)
E07	12103	25-4	1803	Wed	641 641 641 1 292 245 292 245 63482 36982 88193 ... 96316 44740 89658 000 000	AM	(AB)
E07	15819	25-4	1900	Wed	842 842 842 1 499 62 499 62 65826 91918 90488 ... 14240 57896 24197 45436 000 000	USB	(AB/MPJ)
E07	14419	25-4	1920	Wed	842 842 842 1 499 62 499 62 65826 91918 90488 ... 14240 57896 24197 45436 000 000	USB	(AB/MPJ)
E07	12219	25-4	1940	Wed	842 842 842 1 499 62 499 62 65826 91918 90488 ... 14240 57896 24197 45436 000 000	USB	(AB/RL)
E07	9387	26-4	2010	Thu	358 358 358 1 5554 53 5554 53 50498 33657 27337 ... 43262 09507 56596 000 000	AM	(AB)
E07	7526	26-4	2030	Thu	358 358 358 1 5554 53 5554 53 50498 33657 27337 ... 43262 09507 56596 000 000	AM	(AB)
E07	5884	26-4	2050	Thu	358 358 358 1 5554 53 5554 53 50498 33657 27337 ... 43262 09507 56596 000 000	AM	(AB)
E07	17474	27-4	1140	Fri	504 504 504 1 321 89 321 89 52825 06858 39168 ... 54497 51173 88470 000 000	AM	(AB-RUS)
E07	9064	28-4	0600	Sat	024 024 024 1 290 23 290 23 34862 41586 44264 ... 04197 90865 41657 90260 000 000	USB	(AB)
E07	10264	28-4	0620	Sat	024 024 024 1 290 23 290 23 34862 41586 44264 ... 04197 90865 41657 90260 000 000	USB	(AB)
E07	11464	28-4	0640	Sat	024 024 024 1 290 23 290 23 34862 41586 44264 ... 04197 90865 41657 90260 000 000	USB	(AB)
E07	9064	29-4	0600	Sun	024 024 024 1 290 23 290 23 34862 41586 44264 ... 04197 90865 41657 90260 000 000	USB	(AB/HFD)
E07	10264	29-4	0620	Sun	024 024 024 1 290 23 290 23 34862 41586 44264 ... 04197 90865 41657 90260 000 000	USB	(AB/HFD)
E07	11464	29-4	0640	Sun	024 024 024 1 290 23 290 23 34862 41586 44264 ... 04197 90865 41657 90260 000 000	USB	(AB/HFD)

<b>E07</b>	14603	29-4	1700	Sun	641 1 110 168 47387 64979 45256 ... 24019 15474 69944 000 000	AM	(MPJ)
<b>E07</b>	13403	29-4	1720	Sun	641 1 110 168 47387 64979 45256 ... 24019 15474 69944 000 000	AM	(MPJ)
<b>E07</b>	15819	30-4	1900	Mon	842 842 000	USB	(AB/Dan/MPJ)
<b>E07</b>	14419	30-4	1920	Mon	842 842 000	USB	(AB/Dan/RL)
<b>E07a</b>	8144	4-4	2000	Wed	197 197 197 000	USB	(AB/HFD)
<b>E07a</b>	6944	4-4	2020	Wed	197 197 197 000	USB	(AB/HFD)
<b>E07a</b>	6788	5-4	0430	Thu	741 741 741 000	USB	(AB/HFD)
<b>E07a</b>	7488	5-4	0450	Thu	741 741 741 000	USB	(AB/HFD)
<b>E07a</b>	12174	6-4	1510	Fri	102 102 102 000	USB	(AB/MPJ/RL/HFD)
<b>E07a</b>	11074	6-4	1530	Fri	102 102 102 000	USB	(AB/MPJ/HFD)
<b>E07a</b>	12218	7-4	0800	Sat	244 244 244 000	USB	(AB/HFD)
<b>E07a</b>	13418	7-4	0820	Sat	244 244 244 000	USB	(AB/HFD)
<b>E07a</b>	8144	11-4	2000	Wed	197 197 197 000	USB	(AB)
<b>E07a</b>	6944	11-4	2020	Wed	197 197 197 000	USB	(AB)
<b>E07a</b>	6788	12-4	0430	Thu	741 741 741 000	USB	(AB)
<b>E07a</b>	7488	12-4	0450	Thu	741 741 741 000	USB	(AB)
<b>E07a</b>	12174	13-4	1510	Fri	102 102 102 000	USB	(AB/MPJ/RL)
<b>E07a</b>	11074	13-4	1530	Fri	102 102 102 000	USB	(AB/MPJ)
<b>E07a</b>	12218	14-4	0800	Sat	244 244 244 000	USB	(AB)
<b>E07a</b>	13418	14-4	0820	Sat	244 244 244 000	USB	(AB/RL)
<b>E07a</b>	8144	18-4	2000	Wed	197 197 197 000	USB	(AB/RL)
<b>E07a</b>	6944	18-4	2020	Wed	197 197 197 000	USB	(AB)
<b>E07a</b>	6788	19-4	0430	Thu	741 741 741 000	USB	(AB)
<b>E07a</b>	7488	19-4	0450	Thu	741 741 741 000	USB	(AB)
<b>E07a</b>	12174	20-4	1510	Fri	102 102 102 000	USB	(AB/MPJ)
<b>E07a</b>	11074	20-4	1530	Fri	102 102 102 000	USB	(AB/MPJ)
<b>E07a</b>	12218	21-4	0800	Sat	244 244 244 000	USB	(AB)
<b>E07a</b>	13418	21-4	0820	Sat	244 244 244 000	USB	(AB)
<b>E07a</b>	8144	25-4	2000	Wed	197 197 197 1 31905 6143 57 6143 57 52230 20775 52324 ... 75646 48156 09247 000 000	USB	(AB/RL)
<b>E07a</b>	6944	25-4	2020	Wed	197 197 197 1 31905 6143 57 6143 57 52230 20775 52324 ... 75646 48156 09247 000 000	USB	(AB)
<b>E07a</b>	5744	25-4	2040	Wed	197 197 197 1 31905 6143 57 6143 57 52230 20775 52324 ... 75646 48156 09247 000 000	USB	(AB)
<b>E07a</b>	6788	26-4	0430	Thu	741 741 741 1 31905 6143 57 6143 57 52230 20775 52324 ... 75646 48156 09247 000 000	USB	(AB)
<b>E07a</b>	7488	26-4	0450	Thu	741 741 741 1 31905 6143 57 6143 57 52230 20775 52324 ... 75646 48156 09247 000 000	USB	(AB)
<b>E07a</b>	8188	26-4	0510	Thu	741 741 741 1 31905 6143 57 6143 57 52230 20775 52324 ... 75646 48156 09247 000 000	USB	(AB)
<b>E07a</b>	12174	27-4	1510	Fri	102 102 102 000	USB	(AB/GHn/RL)
<b>E07a</b>	11074	27-4	1530	Fri	102 102 102 000	USB	(AB/RL)
<b>E07a</b>	12218	28-4	0800	Sat	244 244 244 000	USB	(AB)
<b>E07a</b>	13418	28-4	0820	Sat	244 244 244 000	USB	(AB)
<b>E11</b>	8102	1-4	0710	Sun	497/00	USB	(AB)
<b>E11</b>	9200	1-4	0805	Sun	311/00	USB	(AB)

E11	6397	1-4	1605	Sun	233/00	USB	(AB/MPJ)
E11	10448	1-4	1625	Sun	975/00	USB	(AB/MPJ)
E11	13873	1-4	1650	Sun	922/00	USB	(AB-POL/MPJ)
E11	8530	1-4	1910	Sun	614/00	USB	(AB/MPJ)
E11	8186	1-4	2005	Sun	365/00	USB	(AB)
E11	12153	2-4	0640	Mon	942/00	USB	(AB)
E11	5371	2-4	0820	Mon	439/00	USB	(AB/FT)
E11	9399	2-4	0900	Mon	535/00	USB	(AB/RL)
E11	7317	2-4	1045	Mon	690/00	USB	(AB/FT/MPJ)
E11	20286	2-4	1225	Mon	528/00	USB	(AB-AUT/MPJ-I)
E11	13470	2-4	1745	Mon	247/00	USB	(MPJ-I)
E11	7317	2-4	1900	Mon	646/00	USB	(AB/MPJ)
E11	9963	3-4	0715	Tue	631/00	USB	(AB)
E11	12530	3-4	0820	Tue	135/00	USB	(AB-AUT)
E11	10246	3-4	0845	Tue	152/00	USB	(AB)
E11	7727	3-4	1205	Tue	465/00	USB	(AB/MPJ)
E11	6397	3-4	1605	Tue	237/00	USB	(MPJ)
E11	10800	3-4	1645	Tue	331/00	USB	(AB/RL/MPJ)
E11	10620	3-4	1925	Tue	557/00	USB	(AnEur)
E11	12153	4-4	0640	Wed	949/00	USB	(AB)
E11	9399	4-4	0900	Wed	532/00	USB	(AB/RL)
E11	7317	4-4	1045	Wed	693/00	USB	(AB)
E11	7727	4-4	1205	Wed	462/00	USB	(AB/MPJ)
E11	10213	4-4	1705	Wed	395/00	USB	(AB/MPJ/RL)
E11	5844	4-4	1730	Wed	408/00	USB	(AB/MPJ)
E11	5371	5-4	0820	Thu	430/00	USB	(AB)
E11	10246	5-4	0845	Thu	149/00	USB	(AB)
E11	10302	5-4	1300	Thu	580/00	USB	(AB/RL/MPJ)
E11	10800	5-4	1645	Thu	338/00	USB	(AB/RL)
E11	7317	5-4	1900	Thu	643/00	USB	(MPJ)
E11	10620	5-4	1925	Thu	550/00	USB	(AB)
E11	5082	6-4	0700	Fri	574/00	USB	(AB)
E11	9963	6-4	0715	Fri	633/00	USB	(AB)
E11	20286	6-4	1225	Fri	528/00	USB	(AB-UKR)
E11	13873	6-4	1650	Fri	???/00 (unreadble)	USB	(MPJ)
E11	8530	6-4	1910	Fri	613/00	USB	(MPJ/GHn)
E11	8102	7-4	0710	Sat	491/00	USB	(AB)
E11	9200	7-4	0805	Sat	313/00	USB	(AB)
E11	10302	7-4	1300	Sat	589/00	USB	(AB/MPJ/GHn)
E11	10213	7-4	1705	Sat	390/00	USB	(AB/BW3-

								POL/MPJ/RL)
E11	5844	7-4	1730	Sat	406/00		USB	(AB/RL)
E11	8186	7-4	2005	Sat	369/00		USB	(AB)
E11	8102	8-4	0710	Sun	498/00		USB	(AB)
E11	9200	8-4	0805	Sun	311/00		USB	(AB)
E11	6397	8-4	1605	Sun	233/00		USB	(AB/MPJ)
E11	13873	8-4	1650	Sun	927/00		USB	(AB-EST)
E11	13470	8-4	1745	Sun	247/00		USB	(AB/MPJ-HOL)
E11	8530	8-4	1910	Sun	618/00		USB	(AB/BW3-POL/RL)
E11	8186	8-4	2005	Sun	360/00		USB	(AB)
E11	5371	9-4	0450	Mon	418/00		USB	(AB)
E11	13470	9-4	0600	Mon	185/00		USB	(AB)
E11	10213	9-4	0745	Mon	261/00		USB	(AB/RL)
E11	9399	9-4	0900	Mon	538/00		USB	(AB/MPJ)
E11	13470	9-4	1745	Mon	247/00		USB	(AB/MPJ)
E11	7317	9-4	1900	Mon	644/00		USB	(AB/BW3-POL)
E11	7840	10-4	1000	Tue	300/00		USB	(AB)
E11	7727	10-4	1205	Tue	464/00		USB	(AB/MPJ)
E11	6397	10-4	1605	Tue	233/00		USB	(AB)
E11	10620	10-4	1925	Tue	557/00		USB	(AB)
E11	9399	11-4	0900	Wed	535/00		USB	(AB)
E11	7727	11-4	1205	Wed	463/00		USB	(AB)
E11	5844	11-4	1730	Wed	400/00		USB	(AB/GHn)
E11	10800	12-4	0645	Thu	514/00		USB	(AB)
E11	10246	12-4	0845	Thu	155/00		USB	(HFD)
E11	6807	12-4	0930	Thu	279/00		USB	(AB)
E11	10302	12-4	1300	Thu	583/00		USB	(AB)
E11	10330	12-4	1530	Thu	268/00		USB	(AB/GHn/MPJ)
E11	10800	12-4	1645	Thu	333/00		USB	(AB/GHn/MPJ)
E11	7864	12-4	1730	Thu	410/00		USB	(AB/MPJ)
E11	7317	12-4	1900	Thu	641/00		USB	(AB/MPJ/RL)
E11	10620	12-4	1925	Thu	556/00		USB	(AB)
E11	7864	12-4	1930	Thu	410/00		USB	(AB)
E11	5082	13-4	0700	Fri	577/00		USB	(AB)
E11	9963	13-4	0715	Fri	639/00		USB	(AB)
E11	7840	13-4	1000	Fri	308/00		USB	(MPJ)
E11	13873	13-4	1650	Fri	927/00		USB	(AB)
E11	8530	13-4	1910	Fri	613/00		USB	(AB/MPJ/RL)
E11	10302	14-4	1300	Sat	589/00		USB	(AB/MPJ)
E11	13046	14-4	1345	Sat	915/00		USB	(MPJ)

E11	5844	14-4	1730	Sat	405/00	USB	(AB/MPJ)
E11	6397	15-4	1605	Sun	231/00	USB	(AB/MPJ/GHn/RL)
E11	10448	15-4	1625	Sun	970/00	USB	(MPJ/GHn)
E11	13873	15-4	1650	Sun	924/00	USB	(MPJ)
E11	13470	15-4	1745	Sun	245/00	USB	(AnEur)
E11	8530	15-4	1910	Sun	617/00	USB	(MPJ)
E11	5371	16-4	0450	Mon	413/00	USB	(AB)
E11	12153	16-4	0640	Mon	941/00	USB	(AB)
E11	10213	16-4	0745	Mon	264/00	USB	(AB/RL)
E11	5371	16-4	0820	Mon	430/00	USB	(AB)
E11	7317	16-4	1045	Mon	692/00	USB	(AB)
E11	20286	16-4	1225	Mon	527/00	USB	(AB-AUT/MPJ-AUT)
E11	7317	16-4	1900	Mon	648/00	USB	(AB/RL/MPJ)
E11	10800	17-4	0645	Tue	511/00	USB	(AB)
E11	9963	17-4	0715	Tue	634/00	USB	(AB)
E11	7840	17-4	1000	Tue	309/00	USB	(AB)
E11	7727	17-4	1205	Tue	469/00	USB	(AB/MPJ)
E11	13046	17-4	1345	Tue	911/00	USB	(AB/MPJ)
E11	10800	17-4	1645	Tue	332/00	USB	(AB/GHn/MPJ)
E11	10620	17-4	1925	Tue	551/00	USB	(AB)
E11	6807	18-4	0930	Wed	270/00	USB	(AB)
E11	7317	18-4	1045	Wed	694/00	USB	(AB/MPJ)
E11	7727	18-4	1205	Wed	463/00	USB	(AB/MPJ)
E11	10448	18-4	1625	Wed	975/00	USB	(MPJ)
E11	10213	18-4	1705	Wed	396/00	USB	(AB)
E11	7850	19-4	0315	Thu	259/00	USB	(HFD)
E11	10800	19-4	0645	Thu	511/00	USB	(AB)
E11	5371	19-4	0820	Thu	439/00	USB	(AB)
E11	6807	19-4	0930	Thu	273/00	USB	(AB)
E11	10302	19-4	1300	Thu	589/00	USB	(AB/MPJ/RL)
E11	10330	19-4	1530	Thu	266/00	USB	(AB/MPJ/RL)
E11	10800	19-4	1645	Thu	338/00	USB	(MPJ/RL)
E11	7864	19-4	1730	Thu	412/00	USB	(AB/MPJ/RL)
E11	7317	19-4	1900	Thu	647/00	USB	(GHn/MPJ/RL)
E11	13470	20-4	0600	Fri	185/00	USB	(AB)
E11	9963	20-4	0715	Fri	633/00	USB	(AB)
E11	7840	20-4	1000	Fri	308/00	USB	(AB)
E11	20286	20-4	1225	Fri	522/00	USB	(MPJ-HOL)
E11	13873	20-4	1650	Fri	???/00 unreadable	USB	(MPJ)
E11	8530	20-4	1910	Fri	613/00	USB	(AB/MPJ)



E11	8102	21-4	0710	Sat	498/00	USB	(AB)
E11	9200	21-4	0805	Sat	314/00	USB	(AB/RL)
E11	10302	21-4	1300	Sat	587/00	USB	(AB/MPJ/RL)
E11	13046	21-4	1345	Sat	910/00	USB	(AB)
E11	10213	21-4	1705	Sat	393/00	USB	(AB/MPJ/RL)
E11	8102	22-4	0710	Sun	490/00	USB	(AB/RL)
E11	9200	22-4	0805	Sun	316/00	USB	(AB)
E11	10448	22-4	1625	Sun	977/00	USB	(MPJ)
E11	13873	22-4	1650	Sun	927/00	USB	(MPJ)
E11	8530	22-4	1910	Sun	612/00	USB	(AB/MPJ)
E11	8186	22-4	2005	Sun	369/00	USB	(AB/RL)
E11	5371	23-4	0450	Mon	414/00	USB	(AB)
E11	13470	23-4	0600	Mon	184/00	USB	(AB)
E11	12153	23-4	0640	Mon	945/00	USB	(AB)
E11	10213	23-4	0745	Mon	262/00	USB	(AB)
E11	5371	23-4	0820	Mon	432/00	USB	(AB)
E11	9399	23-4	0900	Mon	530/00	USB	(AB)
E11	7317	23-4	1045	Mon	696/00	USB	(AB)
E11	13470	23-4	1745	Mon	242/00	USB	(AB/MPJ)
E11	12530	24-4	0820	Tue	131/00	USB	(AB/RL)
E11	10246	24-4	0845	Tue	151/00	USB	(AB/RL)
E11	7840	24-4	1000	Tue	307/00	USB	(AB)
E11	13046	24-4	1345	Tue	919/00	USB	(AB/MPJ)
E11	6397	24-4	1605	Tue	235/00	USB	(AB/MPJ)
E11	12153	25-4	0640	Wed	948/00	USB	(AB)
E11	12530	25-4	0820	Wed	133/00	USB	(RL)
E11	9399	25-4	0900	Wed	530/00	USB	(AB)
E11	6807	25-4	0930	Wed	275/00	USB	(AB)
E11	7317	25-4	1045	Wed	696/00	USB	(AB/MPJ)
E11	10448	25-4	1625	Wed	977/00	USB	(AB/GHn/MPJ)
E11	10213	25-4	1705	Wed	391/00	USB	(AB/MPJ)
E11	5844	25-4	1730	Wed	409/00	USB	(AB/MPJ)
E11	7850	26-4	0315	Thu	255/00	USB	(W9SPY)
E11	10800	26-4	0645	Thu	517/00	USB	(AB)
E11	5371	26-4	0820	Thu	435/00	USB	(AB)
E11	6807	26-4	0930	Thu	276/00	USB	(AB)
E11	10330	26-4	1530	Thu	262/00	USB	(AB/GHn/MPJ)
E11	7864	26-4	1730	Thu	415/00	USB	(AB/MPJ)
E11	13470	27-4	0600	Fri	183/00	USB	(AB)
E11	5082	27-4	0700	Fri	579/00	USB	(AB)



E11	7840	27-4	1000	Fri	309/00		USB	(AB/RL)
E11	8102	28-4	0710	Sat	495/00		USB	(AB)
E11	9200	28-4	0805	Sat	314/00		USB	(AB)
E11	13046	28-4	1345	Sat	918/00		USB	(AB/MPJ)
E11	5844	28-4	1730	Sat	409/00		USB	(AB)
E11	8186	28-4	2005	Sat	360/00		USB	(AB)
E11	8102	29-4	0710	Sun	498/00		USB	(AB)
E11	9200	29-4	0805	Sun	313/00		USB	(AB)
E11	10448	29-4	1625	Sun	978/00		USB	(MPJ)
E11	13470	29-4	1745	Sun	242/00		USB	(MPJ)
E11	8186	29-4	2005	Sun	369/00		USB	(AB)
E11	5371	30-4	0450	Mon	410/00		USB	(AB)
E11	13470	30-4	0600	Mon	180/00		USB	(AB/HFD)
E11	12153	30-4	0640	Mon	946/00		USB	(AB)
E11	10213	30-4	0745	Mon	264/00		USB	(AB)
E11	5371	30-4	0820	Mon	431/00		USB	(AB)
E11	9399	30-4	0900	Mon	535/00		USB	(AB/RL)
E11	7317	30-4	1045	Mon	698/00		USB	(AB/MPJ)
E11	13470	30-4	1745	Mon	246/00		USB	(AB/MPJ)
E11	7317	30-4	1900	Mon	641/00		USB	(AB/RL/MPJ)
E11a	5371	2-4	0450	Mon	418/36 Attention 08141 87500 20764 ... 78039 74660 13581 Attention (message repeated) Out		USB	(AB)
E11a	10213	2-4	0745	Mon	262/34 Attention 97486 50622 83839 ... 45930 50830 39958 Attention (message repeated) Out		USB	(AB/FT)
E11a	10800	3-4	0645	Tue	518/39 Attention 65285 41261 38797 ... 32825 90026 08563 Attention (message repeated) Out		USB	(AB)
E11a	7840	3-4	1000	Tue	300/36 Attention 12510 08920 64697 ... 69153 02503 67003 Attention (message repeated) Out		USB	(AB/MPJ)
E11a	13046	3-4	1345	Tue	911/34 Attention 92084 80643 21198 ... 12397 10313 70950		USB	(RL/MPJ)
E11a	6807	4-4	0930	Wed	273/35 Attention 30277 41630 24770 ... 03534 62769 10091 Attention (message repeated) Out		USB	(AB)
E11a	10448	4-4	1625	Wed	972/39 Attention 66038 78952 81237 ... 28769 00668 88198 Attention (message repeated) Out		USB	(AB/MPJ)
E11a	10800	5-4	0645	Thu	518/39 Attention 65285 41261 38797 ... 32825 90026 08563 Attention (message repeated) Out		USB	(AB)
E11a	6807	5-4	0930	Thu	273/35 Attention 30277 41630 24770 ... 03534 62769 10091 Attention (message repeated) Out		USB	(AB)
E11a	10330	5-4	1530	Thu	262/34 Attention 97486 50622 83839 ... 45930 50830 39958 Attention (message repeated) Out		USB	(GHn/RL/MPJ)
E11a	7864	5-4	1730	Thu	418/36 Attention 08141 87500 20764 ... 78039 74660 13581 Attention (message repeated) Out		USB	(AB/MPJ)
E11a	13470	6-4	0600	Fri	180/27 Attention 26178 68158 33365 ... 60420 23173 43698 Attention (message repeated) Out		USB	(AB-AUT)
E11a	7840	6-4	1000	Fri	300/36 Attention 12510 08920 64697 ... 69153 02503 67003 Attention (message repeated) Out		USB	(AB/MPJ)
E11a	13046	7-4	1345	Sat	911/34 Attention 92084 80643 21198 ... 12397 10313 70950 Attention (message repeated) Out		USB	(AB)
E11a	10448	8-4	1625	Sun	972/39 Attention 66038 78952 81237 ... 28769 00668 88198 Attention (message repeated) Out		USB	(AB/MPJ)
E11a	12153	9-4	0640	Mon	944/35 Attention 74704 61505 51891 ... 40122 09707 52958 Attention (message repeated) Out		USB	(AB)
E11a	5371	9-4	0820	Mon	434/33 Attention 69683 28029 79034 ... 54146 97204 05832 Attention (message repeated) Out		USB	(AB)
E11a	7317	9-4	1045	Mon	696/36 Attention 64558 17314 81206 ... 77475 14250 75476 Attention (message repeated) Out		USB	(AB/MPJ)
E11a	20286	9-4	1225	Mon	520/40 Attention 61150 14340 15928 ... 99581 96499 51394 Attention (message repeated) Out		USB	(AB-AUT/MPJ)
E11a	7317	11-4	1045	Wed	696/36 Attention 64558 17314 81206 ... 77475 14250 75476 Attention (message repeated) Out		USB	(AB)

E11a	10213	11-4	1705	Wed	391/35 Attention 18858 07514 72577 ... 54917 71884 13264 Attention (message repeated) Out	USB	(AB/GHn)
E11a	5371	12-4	0820	Thu	434/33 Attention 69683 28029 79034 ... 54146 97204 05832 Attention (message repeated) Out	USB	(AB)
E11a	20286	13-4	1225	Fri	520/40 Attention 61150 14340 15928 ... 99581 96499 51394	USB	(MPJ-AUT)
E11a	8102	14-4	0710	Sat	495/39 Attention 68967 56544 18750 ... 07787 74844 40501 Attention (message repeated) Out	USB	(AB)
E11a	9200	14-4	0805	Sat	316/40 Attention 87244 60656 74488 ... 73699 75488 11563 Attention (message repeated) Out	USB	(AB)
E11a	10213	14-4	1705	Sat	391/35 Attention 18858 07514 72577 ... 54917 71884 13264 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	8186	14-4	2005	Sat	369/34 Attention 46035 84013 66543 ... 00555 33736 83813 Attention (message repeated) Out	USB	(AB/RL)
E11a	8102	15-4	0710	Sun	495/39 Attention 68967 56544 18750 ... 07787 74844 40501 Attention (message repeated) Out	USB	(AB)
E11a	9200	15-4	0805	Sun	316/40 Attention 87244 60656 74488 ... 73699 75488 11563 Attention (message repeated) Out	USB	(AB)
E11a	8186	15-4	2005	Sun	369/34 Attention 46035 84013 66543 ... 00555 33736 83813 Attention (message repeated) Out	USB	(AB/RL)
E11a	9399	16-4	0900	Mon	535/36 Attention 01129 30700 40518 ... 71537 32197 08761 Attention (message repeated) Out	USB	(AB)
E11a	13470	16-4	1745	Mon	242/39 Attention 47957 38646 72583 ... 53462 13901 03538 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	5082	17-4	0700	Tue	573/38 Attention 53309 88885 40305 ... 99772 87839 75570 Attention (message repeated) Out	USB	(AB)
E11a	12530	17-4	0820	Tue	131/38 Attention 41411 35258 97040 ... 98089 27577 93581 Attention (message repeated) Out	USB	(AB-AUT)
E11a	10246	17-4	0845	Tue	152/32 Attention 20527 41121 67523 ... 59127 63593 82123 Attention (message repeated) Out	USB	(AB)
E11a	6397	17-4	1605	Tue	237/40 Attention 64541 94711 02702 ... 07816 10707 51647 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	9399	18-4	0900	Wed	535/36 Attention 01129 30700 40518 ... 71537 32197 08761 Attention (message repeated) Out	USB	(AB)
E11a	5844	18-4	1730	Wed	402/38 Attention 09473 82161 64860 ... 94392 21028 88725 Attention (message repeated) Out	USB	(GHn/RL)
E11a	10246	19-4	0845	Thu	152/32 Attention 20527 41121 67523 ... 59127 63593 82123 Attention (message repeated) Out	USB	(AB)
E11a	5082	20-4	0700	Fri	573/38 Attention 53309 88885 40305 ... 99772 87839 75570 Attention (message repeated) Out	USB	(AB)
E11a	5844	21-4	1730	Sat	409/38 Attention 09473 82161 64860 ... 94392 21028 88725 Attention (message repeated) Out	USB	(AB)
E11a	6397	22-4	1605	Sun	237/40 Attention 64541 94711 02702 ... 07816 10707 51647 Attention (message repeated) Out	USB	(AB/MPJ/RL)
E11a	13470	22-4	1745	Sun	242/39 Attention 47957 38646 72583 ... 53462 13901 03538 Attention (message repeated) Out	USB	(AB-FIN)
E11a	7317	23-4	1900	Mon	646/34 Attention 45494 27243 91219 69978 00129 ... 64668 72937 50655 34304 56235 out	USB	(RL)
E11a	7727	24-4	1205	Tue	461/31 Attention 52816 59106 57242 ... 68421 64632 86814 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	10800	24-4	1645	Tue	330/40 Attention 18939 35722 53003 ... 29584 39272 48747	USB	(MPJ)
E11a	10620	24-4	1925	Tue	552/32 Attention 79861 49263 62570 ... 86391 52809 78021 Attention (message repeated) Out	USB	(AB/RL)
E11a	7727	25-4	1205	Wed	461/31 Attention 52816 59106 57242 ... 68421 64632 86814 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	10302	26-4	1300	Thu	580/31 Attention 75444 64117 01646 ... 92375 52410 55787 Attention (message repeated) Out	USB	(AB/GHn/MPJ)
E11a	10800	26-4	1645	Thu	330/40 Attention 18939 35722 53003 ... 29584 39272 48747 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	7317	26-4	1900	Thu	646/34 Attention 45494 27243 91219 ... 50655 34304 56235 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	10620	26-4	1925	Thu	552/32 Attention 79861 49263 62570 ... 86391 52809 78021 Attention (message repeated) Out	USB	(AB)
E11a	9963	27-4	0715	Fri	639/35 Attention 20495 32823 01383 ... 49855 84679 50052 Attention (message repeated) Out	USB	(AB)
E11a	8530	27-4	1910	Fri	618/40 Attention 62736 39080 54370 ... 24542 12998 45499 Attention (message repeated) Out	USB	(AB)
E11a	10302	28-4	1300	Sat	580/31 Attention 75444 64117 01646 ... 92375 52410 55787 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	13873	29-4	1650	Sun	922/35 Attention 08809 88784 93623 ... 73852 54766 49729	USB	(MPJ-I)
E11a	8530	29-4	1910	Sun	618/40 Attention 62736 39080 54370 ... 24542 12998 45499 Attention (message repeated) Out	USB	(AB/MPJ)
E17z	14260	5-4	0800	Thu	674 215 8 63024 84648 97814 65521 45784 74844 00641 99629 215 8 00000	USB	(AB)
E17z	12930	5-4	0810	Thu	674 215 8 63024 84648 97814 65521 45784 74844 00641 99629 215 8 00000	USB	(AB/RL)
E17z	14260	12-4	0800	Thu	674 215 8 63024 84648 97814 65521 45784 74844 00641 99629 215 8 00000	USB	(AB)

<b>E17z</b>	12930	12-4	0810	Thu	674 215 8 63024 84648 97814 65521 45784 74844 00641 99629 215 8 00000	USB	(AB)
<b>E17z</b>	14260	19-4	0800	Thu	674 902 5 69856 82541 98423 79033 15452 902 5 00000	USB	(AB)
<b>E17z</b>	12930	19-4	0810	Thu	674 902 5 69856 82541 98423 79033 15452 902 5 00000	USB	(AB)
<b>E17z</b>	14260	26-4	0800	Thu	674 902 5 69856 82541 98423 79033 15452 902 5 00000	USB	(AB)
<b>E17z</b>	12930	26-4	0810	Thu	674 902 5 69856 82541 98423 79033 15452 902 5 00000	USB	(AB)
<b>EGY</b>	16009.7	26-3	0827	Mon	99905: MFA Cairo	Codan chirp	(DK8OK)
<b>EGY</b>	16065.7	26-3	0830	Mon	44405: Egyptian Embassy Islamabad Islamabad	Codan chirp	(DK8OK)
<b>EGY</b>	16021.7	26-3	1133	Mon	44406: Egyptian Embassy New Delhi	Codan chirp	(DK8OK)
<b>EGY</b>	16021.7	26-3	1215	Mon	99904: MFA Cairo	Codan chirp	(DK8OK)
<b>EGY</b>	16021.7	26-3	1255	Mon	99910: MFA Cairo	Codan chirp	(DK8OK)
<b>EGY</b>	16221.7	26-3	1311	Mon	99910: MFA Cairo	Codan chirp	(DK8OK)
<b>EGY</b>	16112.7	26-3	1318	Mon	99910: MFA Cairo	Codan chirp	(DK8OK)
<b>EGY</b>	16011.7	4-4	1440	Wed	MFA Cairo encryptd tfc y Egyptian embassy Washington: NNN HJKJ HUXD YKOJKDW CFXRGKKPHOM %49. : 71 TO: WASHINGTON	SITOR-A 100/170	(SW)
<b>EGY</b>	16023.7	9-4	1337	Mon	Egyptian diplo i.p.	SITOR-A 100/170	(AB)
<b>EGY</b>	6273.7	9-4	1732	Mon	MFA Cairo clg unid Embassy QVXV	SITOR-A 100/170	(DK8OK)
<b>EGY</b>	11032.7	9-4	1733	Mon	99910: MFA Cairo clg 11102 Egyptian embassy Paris	Codan chirp	(DK8OK)
<b>EGY</b>	9065.7	18-4	1733	Wed	11105: Egyptian Embassy Rome clg 99904: MFA Cairo 99904	Codan chirp	(DK8OK)
<b>F01</b>	12194	4-4	1840	Wed	Russian diplo/intel. )576 100000+++++++162	FSK/200/500	(AB/MPJ)
<b>F01</b>	10581	4-4	1850	Wed	Russian diplo/intel. )576 100000+++++++162	FSK/200/500	(AB/MPJ)
<b>F01</b>	8112	4-4	1900	Wed	Russian diplo/intel. )576 100000+++++++162	FSK/200/500	(AB/MPJ)
<b>F03a</b>	5082	1-4	1940	Sun	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	5082	1-4	1945	Sun	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	7377	2-4	1030	Mon	Polish Intel.	FSK 100/200	(AB/FT)
<b>F03a</b>	7377	2-4	1035	Mon	Polish Intel.	FSK 100/200	(AB/FT)
<b>F03a</b>	7798	2-4	1830	Mon	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	7798	2-4	1835	Mon	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	11486	3-4	0835	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	11486	3-4	0840	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	10728	3-4	0945	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	10728	3-4	0950	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	7840	3-4	1800	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	7840	3-4	1805	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	7727	4-4	0915	Wed	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	7727	4-4	0920	Wed	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	7377	4-4	1030	Wed	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	7377	4-4	1035	Wed	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	5082	4-4	1940	Wed	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	5082	4-4	1945	Wed	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	11486	5-4	0835	Thu	Polish Intel.	FSK 100/200	(AB)

F03a	11486	5-4	0840	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7727	5-4	0915	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7727	5-4	0920	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7840	5-4	1800	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7840	5-4	1805	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7798	5-4	1830	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7798	5-4	1835	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	10728	6-4	0945	Fri	Polish Intel.	FSK 100/200	(AB)
F03a	10728	6-4	0950	Fri	Polish Intel.	FSK 100/200	(AB)
F03a	5082	8-4	1940	Sun	Polish Intel.	FSK 100/200	(AB)
F03a	5082	8-4	1945	Sun	Polish Intel.	FSK 100/200	(AB)
F03a	7377	9-4	1030	Mon	Polish Intel.	FSK 100/200	(AB)
F03a	7377	9-4	1035	Mon	Polish Intel.	FSK 100/200	(AB)
F03a	7798	9-4	1830	Mon	Polish Intel.	FSK 100/200	(AB)
F03a	7798	9-4	1835	Mon	Polish Intel.	FSK 100/200	(AB)
F03a	7840	10-4	1800	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	7840	10-4	1805	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	7727	11-4	0915	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	7727	11-4	0920	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	7377	11-4	1030	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	7377	11-4	1035	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	5082	11-4	1940	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	5082	11-4	1945	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	11486	12-4	0835	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	11486	12-4	0840	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7727	12-4	0915	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7727	12-4	0920	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7840	12-4	1800	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7840	12-4	1805	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7798	12-4	1830	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7798	12-4	1835	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	10728	13-4	0945	Fri	Polish Intel.	FSK 100/200	(AB)
F03a	10728	13-4	0950	Fri	Polish Intel.	FSK 100/200	(AB)
F03a	5082	15-4	1940	Sun	Polish Intel.	FSK 100/200	(AB)
F03a	5082	15-4	1945	Sun	Polish Intel.	FSK 100/200	(AB)
F03a	7377	16-4	1030	Mon	Polish Intel.	FSK 100/200	(AB)
F03a	7377	16-4	1035	Mon	Polish Intel.	FSK 100/200	(AB)
F03a	7798	16-4	1830	Mon	Polish Intel.	FSK 100/200	(AB)
F03a	7798	16-4	1835	Mon	Polish Intel.	FSK 100/200	(AB)
F03a	11486	17-4	0835	Tue	Polish Intel.	FSK 100/200	(AB)

F03a	11486	17-4	0840	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	10728	17-4	0945	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	10728	17-4	0950	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	7840	17-4	1800	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	7840	17-4	1805	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	7727	18-4	0915	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	7727	18-4	0920	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	7377	18-4	1030	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	7377	18-4	1035	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	5082	18-4	1940	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	5082	18-4	1945	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	11486	19-4	0835	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	11486	19-4	0840	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7727	19-4	0915	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7727	19-4	0920	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7840	19-4	1800	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7840	19-4	1805	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7798	19-4	1830	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7798	19-4	1835	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	10728	20-4	0945	Fri	Polish Intel.	FSK 100/200	(AB)
F03a	10728	20-4	0950	Fri	Polish Intel.	FSK 100/200	(AB)
F03a	5082	22-4	1940	Sun	Polish Intel.	FSK 100/200	(AB)
F03a	5082	22-4	1945	Sun	Polish Intel.	FSK 100/200	(AB)
F03a	7377	23-4	1030	Mon	Polish Intel.	FSK 100/200	(AB)
F03a	7377	23-4	1035	Mon	Polish Intel.	FSK 100/200	(AB)
F03a	10728	24-4	0945	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	10728	24-4	0950	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	7840	24-4	1800	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	7840	24-4	1805	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	7727	25-4	0915	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	7727	25-4	0920	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	7377	25-4	1030	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	7377	25-4	1035	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	5082	25-4	1940	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	5082	25-4	1945	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	11486	26-4	0835	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	11486	26-4	0840	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7727	26-4	0915	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7727	26-4	0920	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7840	26-4	1800	Thu	Polish Intel.	FSK 100/200	(AB)

F03a	7840	26-4	1805	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7798	26-4	1830	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7798	26-4	1835	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	10728	27-4	0945	Fri	Polish Intel.	FSK 100/200	(AB)
F03a	10728	27-4	0950	Fri	Polish Intel.	FSK 100/200	(AB)
F03a	5082	29-4	1940	Sun	Polish Intel.	FSK 100/200	(AB)
F03a	5082	29-4	1945	Sun	Polish Intel.	FSK 100/200	(AB)
F03a	7377	30-4	1030	Mon	Polish Intel.	FSK 100/200	(AB)
F03a	7377	30-4	1035	Mon	Polish Intel.	FSK 100/200	(AB)
F03a	7798	30-4	1830	Mon	Polish Intel.	FSK 100/200	(AB)
F03a	7798	30-4	1835	Mon	Polish Intel.	FSK 100/200	(AB)
F03b	12424	3-4	0808	Tue	Polish Intel.	FSK 200/400	(AB)
F03b	12424	3-4	0813	Tue	Polish Intel.	FSK 200/400	(AB)
F03b	12424	6-4	0843	Fri	Polish Intel.	FSK 200/400	(AB)
F03b	12424	6-4	0848	Fri	Polish Intel.	FSK 200/400	(AB)
F03b	12424	13-4	0843	Fri	Polish Intel.	FSK 200/400	(AB)
F03b	12424	13-4	0848	Fri	Polish Intel.	FSK 200/400	(AB)
F06	17414	1-4	1100	Sun	Russian diplo/intel. Header: 11166 50046 34271 30032 00689	FSK 200/1000	(AB-RUS/MPJ-RUS)
F06	15605	1-4	1110	Sun	Russian diplo/intel. Header: 11166 50046 34271 30032 00689	FSK 200/1000	(AB/MPJ-RUS)
F06	13444	1-4	1120	Sun	Russian diplo/intel. Header: 11166 50046 34271 30032 00689	FSK 200/1000	(AB/MPJ-RUS)
F06	18626	1-4	1530	Sun	Russian diplo/intel. 11166 10053 91735 01001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	16325	1-4	1540	Sun	Russian diplo/intel. 11166 10053 91735 01001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	13458	1-4	1550	Sun	Russian diplo/intel. 11166 10053 91735 01001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17534	3-4	1500	Tue	Russian diplo/intel. 11166 00052 67152 03061 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15626	3-4	1510	Tue	Russian diplo/intel. 11166 00052 67152 03061 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12214	3-4	1520	Tue	Russian diplo/intel. 11166 00052 67152 03061 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	18726	3-4	1650	Tue	Russian diplo/intel. 11166 10053 17935 03067 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	16238	3-4	1700	Tue	Russian diplo/intel. 11166 10053 17935 03067 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	13378	3-4	1710	Tue	Russian diplo/intel. 11166 10053 17935 03067 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	16325	4-4	0600	Wed	Russian diplo/intel. Header: 11166 40122 90874 31067 03469	FSK 200/1000	(AB-KOR)
F06	14724	4-4	0610	Wed	Russian diplo/intel. Header: 11166 40122 90874 31067 03469	FSK 200/1000	(AB-KOR)
F06	12172	4-4	0620	Wed	Russian diplo/intel. Header: 11166 40122 90874 31067 03469	FSK 200/1000	(AB-KOR)
F06	16064	4-4	0800	Wed	Russian diplo/intel. 11166 70048 78491 04061 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14369	4-4	0810	Wed	Russian diplo/intel. 11166 70048 78491 04061 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12208	4-4	0820	Wed	Russian diplo/intel. 11166 70048 78491 04061 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16325	5-4	0600	Thu	Russian diplo/intel. Header: 11166 40122 90874 31067 03469	FSK 200/1000	(AB-KOR)
F06	14724	5-4	0610	Thu	Russian diplo/intel. Header: 11166 40122 90874 31067 03469	FSK 200/1000	(AB-KOR)
F06	12172	5-4	0620	Thu	Russian diplo/intel. Header: 11166 40122 90874 31067 03469	FSK 200/1000	(AB-KOR)
F06	16351	5-4	1330	Thu	Russian diplo/intel. 11166 80214 15893 05053 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ/MCO)
F06	14367	5-4	1340	Thu	Russian diplo/intel. 11166 80214 15893 05053 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)



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F06	11050	14-4	1120	Sat	Russian diplo/intel. Header: 11166 50046 93547 13034 00849	FSK 200/1000	(AB/MPJ)
F06	20386	14-4	2100	Sat	Russian diplo/intel. 11166 40133 18762 14038 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	18509	14-4	2110	Sat	Russian diplo/intel. 11166 40133 18762 14038 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	16231	14-4	2120	Sat	Russian diplo/intel. 11166 40133 18762 14038 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	12168	15-4	0800	Sun	Russian diplo/intel. Header: 11166 70147 29045 13079 01749	FSK 200/1000	(AB)
F06	10186	15-4	0810	Sun	Russian diplo/intel. Header: 11166 70147 29045 13079 01749	FSK 200/1000	(AB)
F06	8193	15-4	0820	Sun	Russian diplo/intel. Header: 11166 70147 29045 13079 01749	FSK 200/1000	(AB)
F06	17481	15-4	0900	Sun	Russian diplo/intel. Header: 11166 70004 17384 13006 01229	FSK 200/1000	(AB)
F06	15946	15-4	0910	Sun	Russian diplo/intel. Header: 11166 70004 17384 13006 01229	FSK 200/1000	(AB)
F06	13543	15-4	0920	Sun	Russian diplo/intel. Header: 11166 70004 17384 13006 01229	FSK 200/1000	(AB)
F06	14986	15-4	1100	Sun	Russian diplo/intel. Header: 11166 50046 93547 13034 00849	FSK 200/1000	(AB/MPJ)
F06	13366	15-4	1110	Sun	Russian diplo/intel. Header: 11166 50046 93547 13034 00849	FSK 200/1000	(AB/MPJ)
F06	11050	15-4	1120	Sun	Russian diplo/intel. Header: 11166 50046 93547 13034 00849	FSK 200/1000	(AB/MPJ)
F06	18626	15-4	1530	Sun	Russian diplo/intel. 11166 10053 17935 15063 00049 00000 00000 00000 00000	FSK 200/1000	(MPJ-RUS)
F06	16325	15-4	1540	Sun	Russian diplo/intel. 11166 10053 17935 15063 00049 00000 00000 00000 00000	FSK 200/1000	(MPJ-RUS)
F06	13458	15-4	1550	Sun	Russian diplo/intel. 11166 10053 17935 15063 00049 00000 00000 00000 00000	FSK 200/1000	(MPJ-RUS)
F06	10486	16-4	0400	Mon	Russian diplo/intel. 11166 70059 10295 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	8184	16-4	0410	Mon	Russian diplo/intel. 11166 70059 10295 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6773	16-4	0420	Mon	Russian diplo/intel. 11166 70059 10295 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6833	17-4	0050	Tue	Russian diplo/intel. 11166 60070 13579 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15626	17-4	1510	Tue	Russian diplo/intel. 11166 00052 32651 17048 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12214	17-4	1520	Tue	Russian diplo/intel. 11166 00052 32651 17048 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	18726	17-4	1650	Tue	Russian diplo/intel. 11166 10053 32047 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ-RUS)
F06	16238	17-4	1700	Tue	Russian diplo/intel. 11166 10053 32047 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ-RUS)
F06	13378	17-4	1710	Tue	Russian diplo/intel. 11166 10053 32047 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ-RUS)
F06	16325	18-4	0600	Wed	Russian diplo/intel. 11166 40122 13579 18017 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR)
F06	14724	18-4	0610	Wed	Russian diplo/intel. 11166 40122 13579 18017 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR)
F06	12172	18-4	0620	Wed	Russian diplo/intel. 11166 40122 13579 18017 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR)
F06	16064	18-4	0800	Wed	Russian diplo/intel. 11166 70048 57492 18079 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14369	18-4	0810	Wed	Russian diplo/intel. 11166 70048 57492 18079 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12208	18-4	0820	Wed	Russian diplo/intel. 11166 70048 57492 18079 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16351	19-4	1330	Thu	Russian diplo/intel. 11166 80214 75321 19076 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14367	19-4	1340	Thu	Russian diplo/intel. 11166 80214 75321 19076 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11483	19-4	1350	Thu	Russian diplo/intel. 11166 80214 75321 19076 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14986	21-4	1100	Sat	Russian diplo/intel. Header: 11166 50046 75139 20035 01309	FSK 200/1000	(AB/MPJ)
F06	13366	21-4	1110	Sat	Russian diplo/intel. Header: 11166 50046 75139 20035 01309	FSK 200/1000	(AB/MPJ)
F06	11050	21-4	1120	Sat	Russian diplo/intel. Header: 11166 50046 75139 20035 01309	FSK 200/1000	(AB/MPJ)
F06	14986	22-4	1100	Sun	Russian diplo/intel. Header: 11166 50046 75139 20035 01309	FSK 200/1000	(AB/MPJ)
F06	13366	22-4	1110	Sun	Russian diplo/intel. Header: 11166 50046 75139 20035 01309	FSK 200/1000	(AB/MPJ)
F06	11050	22-4	1120	Sun	Russian diplo/intel. Header: 11166 50046 75139 20035 01309	FSK 200/1000	(AB/MPJ)



F06	18626	22-4	1530	Sun	Russian diplo/intel. 11166 10053 72943 22063 00049 00000 00000 00000 00000	FSK 200/1000	(MPJ-RUS)
F06	16325	22-4	1540	Sun	Russian diplo/intel. 11166 10053 72943 22063 00049 00000 00000 00000 00000	FSK 200/1000	(MPJ-RUS)
F06	13458	22-4	1550	Sun	Russian diplo/intel. 11166 10053 72943 22063 00049 00000 00000 00000 00000	FSK 200/1000	(MPJ-RUS)
F06	6833	24-4	0050	Tue	Russian diplo/intel. 11166 60070 17935 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12214	24-4	1520	Tue	Russian diplo/intel. 11166 00052 36728 24052 00049 00000 00000 00000 00000	FSK 200/1000	(MPJ)
F06	13378	24-4	1710	Tue	Russian diplo/intel. 11166 10053 13579 24001 00049 00000 00000 00000 00000	FSK 200/1000	(MPJ)
F06	16325	25-4	0600	Wed	Russian diplo/intel. Header: 11166 40122 32671 21070 04289	FSK 200/1000	(AB-KOR)
F06	14724	25-4	0610	Wed	Russian diplo/intel. Header: 11166 40122 32671 21070 04289	FSK 200/1000	(AB-KOR)
F06	12172	25-4	0620	Wed	Russian diplo/intel. Header: 11166 40122 32671 21070 04289	FSK 200/1000	(AB-KOR)
F06	16064	25-4	0800	Wed	Russian diplo/intel. 11166 70048 15896 25053 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19138	25-4	0800	Wed	Russian diplo/intel. Header: 11166 00052 43016 10027 01589	FSK 200/1000	(AB-RUS)
F06	14369	25-4	0810	Wed	Russian diplo/intel. 11166 70048 15896 25053 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17545	25-4	0810	Wed	Russian diplo/intel. Header: 11166 00052 43016 10027 01589	FSK 200/1000	(AB-RUS)
F06	12208	25-4	0820	Wed	Russian diplo/intel. 11166 70048 15896 25053 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15626	25-4	0820	Wed	Russian diplo/intel. Header: 11166 00052 43016 10027 01589	FSK 200/1000	(AB-RUS)
F06	17538	25-4	0915	Wed	Russian diplo/intel. 11166 10031 74128 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14576	25-4	0925	Wed	Russian diplo/intel. 11166 10031 74128 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11639	25-4	0935	Wed	Russian diplo/intel. 11166 10031 74128 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16325	26-4	0600	Thu	Russian diplo/intel. Header: 11166 40122 32671 21070 04289	FSK 200/1000	(AB-KOR)
F06	14724	26-4	0610	Thu	Russian diplo/intel. Header: 11166 40122 32671 21070 04289	FSK 200/1000	(AB-KOR)
F06	12172	26-4	0620	Thu	Russian diplo/intel. Header: 11166 40122 32671 21070 04289	FSK 200/1000	(AB-KOR)
F06	19138	26-4	0800	Thu	Russian diplo/intel. Header: 11166 00052 43016 10027 01589	FSK 200/1000	(AB-RUS)
F06	17545	26-4	0810	Thu	Russian diplo/intel. Header: 11166 00052 43016 10027 01589	FSK 200/1000	(AB-RUS)
F06	15626	26-4	0820	Thu	Russian diplo/intel. Header: 11166 00052 43016 10027 01589	FSK 200/1000	(AB-RUS)
F06	16351	26-4	1330	Thu	Russian diplo/intel. 11166 80214 25893 26039 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ-I)
F06	14367	26-4	1340	Thu	Russian diplo/intel. 11166 80214 25893 26039 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ-I)
F06	11483	26-4	1350	Thu	Russian diplo/intel. 11166 80214 25893 26039 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ-I)
F06	12168	28-4	0800	Sat	Russian diplo/intel. Header: 11166 70147 68351 27080 00749	FSK 200/1000	(AB)
F06	10186	28-4	0810	Sat	Russian diplo/intel. Header: 11166 70147 68351 27080 00749	FSK 200/1000	(AB)
F06	8193	28-4	0820	Sat	Russian diplo/intel. Header: 11166 70147 68351 27080 00749	FSK 200/1000	(AB)
F06	17481	28-4	0900	Sat	Russian diplo/intel. 11166 70004 13579 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15946	28-4	0910	Sat	Russian diplo/intel. 11166 70004 13579 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13543	28-4	0920	Sat	Russian diplo/intel. 11166 70004 13579 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14986	28-4	1100	Sat	Russian diplo/intel. Header: 11166 50046 35821 27036 01269	FSK 200/1000	(AB)
F06	13366	28-4	1110	Sat	Russian diplo/intel. Header: 11166 50046 35821 27036 01269	FSK 200/1000	(AB)
F06	11050	28-4	1120	Sat	Russian diplo/intel. Header: 11166 50046 35821 27036 01269	FSK 200/1000	(AB)
F06	20386	28-4	2100	Sat	Russian diplo/intel. 11166 40133 13579 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	18509	28-4	2110	Sat	Russian diplo/intel. 11166 40133 13579 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	16231	28-4	2120	Sat	Russian diplo/intel. 11166 40133 13579 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	12168	29-4	0800	Sun	Russian diplo/intel. Header: 11166 70147 68351 27080 00749	FSK 200/1000	(AB)

<b>F06</b>	10186	29-4	0810	Sun	Russian diplo/intel. Header: 11166 70147 68351 27080 00749	FSK 200/1000	(AB)
<b>F06</b>	8193	29-4	0820	Sun	Russian diplo/intel. Header: 11166 70147 68351 27080 00749	FSK 200/1000	(AB)
<b>F06</b>	14986	29-4	1100	Sun	Russian diplo/intel. Header: 11166 50046 35821 27036 01269	FSK 200/1000	(AB/MPJ)
<b>F06</b>	13366	29-4	1110	Sun	Russian diplo/intel. Header: 11166 50046 35821 27036 01269	FSK 200/1000	(AB/MPJ)
<b>F06</b>	11050	29-4	1120	Sun	Russian diplo/intel. Header: 11166 50046 35821 27036 01269	FSK 200/1000	(AB/MPJ)
<b>F06</b>	18626	29-4	1530	Sun	Russian diplo/intel. 11166 10053 91735 29001 00049 00000 00000 00000 00000	FSK 200/1000	(MPJ-RUS)
<b>F06</b>	16325	29-4	1540	Sun	Russian diplo/intel. 11166 10053 91735 29001 00049 00000 00000 00000 00000	FSK 200/1000	(MPJ-RUS)
<b>F06</b>	13458	29-4	1550	Sun	Russian diplo/intel. 11166 10053 91735 29001 00049 00000 00000 00000 00000	FSK 200/1000	(MPJ-RUS)
<b>F11</b>	9339	2-4	0845	Mon	0353 00000	FSK 100/620	(AB/FT)
<b>F11</b>	9339	2-4	0850	Mon	0353 00000	FSK 100/620	(AB/FT)
<b>F11</b>	7670	3-4	1150	Tue	0325 00000	FSK 100/620	(AB/MPJ)
<b>F11</b>	7670	3-4	1155	Tue	0325 00000	FSK 100/620	(AB/MPJ)
<b>F11</b>	9339	4-4	0845	Wed	0353 00000	FSK 100/620	(AB)
<b>F11</b>	9339	4-4	0850	Wed	0353 00000	FSK 100/620	(AB)
<b>F11</b>	7670	4-4	1150	Wed	0325 00000	FSK 100/620	(AB/MPJ)
<b>F11</b>	7670	4-4	1155	Wed	0325 00000	FSK 100/620	(AB/MPJ)
<b>F11</b>	9339	9-4	0845	Mon	0353 00000	FSK 100/620	(AB/MPJ)
<b>F11</b>	9339	9-4	0850	Mon	0353 00000	FSK 100/620	(AB)
<b>F11</b>	7670	10-4	1150	Tue	0325 00000	FSK 100/620	(AB/MPJ)
<b>F11</b>	7670	10-4	1155	Tue	0325 00000	FSK 100/620	(AB/MPJ)
<b>F11</b>	9339	11-4	0845	Wed	0353 00000	FSK 100/620	(AB)
<b>F11</b>	9339	11-4	0850	Wed	0353 00000	FSK 100/620	(AB)
<b>F11</b>	7670	11-4	1150	Wed	0325 00000	FSK 100/620	(AB/MPJ)
<b>F11</b>	7670	11-4	1155	Wed	0325 00000	FSK 100/620	(AB/MPJ)
<b>F11</b>	9339	16-4	0845	Mon	0353 88888 88888 01129 30700 40518 ... 71537 32197 08761 88888 88888 00040 00040	FSK 100/620	(AB)
<b>F11</b>	9339	16-4	0850	Mon	0353 88888 88888 01129 30700 40518 ... 71537 32197 08761 88888 88888 00040 00040	FSK 100/620	(AB)
<b>F11</b>	7670	17-4	1150	Tue	0325 00000	FSK 100/620	(AB/MPJ)
<b>F11</b>	7670	17-4	1155	Tue	0325 00000	FSK 100/620	(AB/MPJ)
<b>F11</b>	9339	18-4	0845	Wed	0353 88888 88888 01129 30700 40518 ... 71537 32197 08761 88888 88888 00040 00040	FSK 100/620	(AB)
<b>F11</b>	9339	18-4	0850	Wed	0353 88888 88888 01129 30700 40518 ... 71537 32197 08761 88888 88888 00040 00040	FSK 100/620	(AB)
<b>F11</b>	7670	18-4	1150	Wed	0325 00000	FSK 100/620	(AB/MPJ)
<b>F11</b>	7670	18-4	1155	Wed	0325 00000	FSK 100/620	(AB/MPJ)
<b>F11</b>	9339	23-4	0845	Mon	0353 00000	FSK 100/620	(AB)
<b>F11</b>	9339	23-4	0850	Mon	0353 00000	FSK 100/620	(AB)
<b>F11</b>	7670	24-4	1150	Tue	0325 88888 88888 52816 59106 57242 ... 68421 64632 86814 88888 88888 00035 00035	FSK 100/620	(AB/MPJ)
<b>F11</b>	7670	24-4	1155	Tue	0325 88888 88888 52816 59106 57242 ... 68421 64632 86814 88888 88888 00035 00035	FSK 100/620	(AB/MPJ)
<b>F11</b>	9339	25-4	0845	Wed	0353 00000	FSK 100/620	(AB)
<b>F11</b>	9339	25-4	0850	Wed	0353 00000	FSK 100/620	(AB)
<b>F11</b>	7670	25-4	1150	Wed	0325 88888 88888 52816 59106 57242 ... 68421 64632 86814 88888 88888 00035 00035	FSK 100/620	(AB/MPJ)
<b>F11</b>	7670	25-4	1155	Wed	0325 88888 88888 52816 59106 57242 ... 68421 64632 86814 88888 88888 00035 00035	FSK 100/620	(AB/MPJ)

<b>F11</b>	9339	30-4	0845	Mon	0353 00000	FSK 100/620	(AB)
<b>F11</b>	9339	30-4	0850	Mon	0353 00000	FSK 100/620	(AB)
<b>G06</b>	6810	2-4	0800	Mon	329 329 329 00000	USB	(AB/FT)
<b>G06</b>	4640	2-4	1700	Mon	938 938 938 00000	USB	(AB/MPJ)
<b>G06</b>	5362	2-4	1712	Mon	111 111 111 00000	USB	(AB)
<b>G06</b>	5362	2-4	1800	Mon	938 938 938 00000	USB	(AB/MPJ)
<b>G06</b>	5903	4-4	1200	Wed	938 938 938 00000	USB	(MPJ)
<b>G06</b>	5422	4-4	1300	Wed	938 938 938 00000	USB	(AB-POL/MPJ)
<b>G06</b>	4598	5-4	1300	Thu	329 329 329 00000	USB	(AB/MPJ/HFD)
<b>G06</b>	4645	9-4	1700	Mon	938 938 938 00000	USB	(AB/MPJ)
<b>G06</b>	4645	9-4	1704	Mon	111 111 111 0	USB	(AB)
<b>G06</b>	4645	9-4	1706	Mon	111 111 111 00000	USB	(AB)
<b>G06</b>	5362	9-4	1710	Mon	111 111 111 00000	USB	(AB)
<b>G06</b>	5362	9-4	1800	Mon	938 938 938 00000	USB	(AB/BW3-POL)
<b>G06</b>	5903	11-4	1200	Wed	938 938 938 00000 Windows sounds	USB	(AB/MPJ)
<b>G06</b>	5903	11-4	1204	Wed	111 111 111 00000	USB	(AB)
<b>G06</b>	5903	11-4	1206	Wed	111 111 111 00000	USB	(AB)
<b>G06</b>	5422	11-4	1300	Wed	938 938 938 00000	USB	(MPJ)
<b>G06</b>	5934	12-4	1830	Thu	579 273 62 64537 27364 28374 ... 64612 84759 76491 273 62 00000	USB	(AB/MPJ)
<b>G06</b>	5442	13-4	1930	Fri	947 273 62 64537 27364 28374 ... 64612 84759 76491 273 62 00000	USB	(AB)
<b>G06</b>	4598	19-4	1259	Thu	329 329 329 00000	USB	(AB/MPJ)
<b>G06</b>	5442	27-4	1930	Fri	947 183 77 73413 48673 92659 ... 91242 17492 27491 183 77 00000	USB	(AB)
<b>HM01</b>	11435	30-3	1605	Fri	i.p. 71875 36551 86325 55633 85266 35553	AM/RDFT	(RR2)
<b>HM01</b>	11435	31-3	1608	Sat	i.p. 71876 36552 86326 55634 67460 35554	AM/RDFT	(RR2)
<b>HM01</b>	9330	1-4	0656	Sun	71876 36552 86326 55634 67460 35554	AM/RDFT	(AB)
<b>HM01</b>	11435	1-4	1602	Sun	i.p. 71877 36553 86327 55635 67461 35555	AM/RDFT	(RR2)
<b>HM01</b>	10860	2-4	0504	Mon	i.p.	AM/RDFT	(LG3)
<b>HM01</b>	10345	2-4	0601	Mon	i.p.	AM/RDFT	(LG3)
<b>HM01</b>	9330	2-4	0703	Mon	i.p.	AM/RDFT	(LG3)
<b>HM01</b>	9065	2-4	0757	Mon	71877 36553 86327 55635 67461 35555	AM/RDFT	(RL)
<b>HM01</b>	9065	2-4	0812	Mon	i.p.	AM/RDFT	(LG3)
<b>HM01</b>	9240	2-4	0856	Mon	71877 36553 86327 55634 67461 35555	AM/RDFT	(AB/RL)
<b>HM01</b>	9240	2-4	0928	Mon	i.p.	AM/RDFT	(LG3)
<b>HM01</b>	11435	2-4	1600	Mon	71878 36554 86328 55636 67462 35556	AM/RDFT	(RR2)
<b>HM01</b>	11435	3-4	1555	Tue	76661 36555 61021 55637 67463 35557	AM/RDFT	(AB)
<b>HM01</b>	16180	3-4	2100	Tue	76661 36555 61021 55637 67463 35557	AM/RDFT	(Dan)
<b>HM01</b>	9240	4-4	0856	Wed	76661 36555 61021 55637 67463 35557	AM/RDFT	(AB)
<b>HM01</b>	11435	4-4	1555	Wed	76661 36556 61021 16501 67464 35558	AM/RDFT	(RR2)
<b>HM01</b>	11435	5-4	1555	Thu	76662 36557 61022 16501 67465 01011	AM/RDFT	(AB/MPJ)
<b>HM01</b>	11435	6-4	1555	Fri	Radio Habana Cuba followed by 76663 78711 61023 16502 67466 01011	AM/RDFT	(W9SPY)

HM01	11530	6-4	1726	Fri	76663 78711 61023 16502 67466 01011	AM/RDFT	(RR2)
HM01	11435	7-4	1556	Sat	02034 35521 04714 42363 67467 53482	AM/RDFT	(RR2)
HM01	11530	7-4	1657	Sat	02034 35521 04714 42363 67467 53482	AM/RDFT	(BW3)
HM01	11530	7-4	1738	Sat	i.p. 02034 35521 04714 42363 67467 53482	AM/RDFT	(AB-ATN)
HM01	11635	7-4	1756	Sat	02034 35521 04714 42363 67467 53482	AM/RDFT	(AB-ATN)
HM01	16180	7-4	2100	Sat	02034 35521 04714 42363 67467 53482	AM/RDFT	(Dan)
HM01	16180	7-4	2155	Sat	02034 35521 04714 42363 67467 53482. Started on the wrong freq and switched at 2156 UTC	AM/RDFT	(Dan)
HM01	17480	7-4	2156	Sat	02034 35521 04714 42363 67467 53482	AM/RDFT	(Dan)
HM01	9330	8-4	0656	Sun	02034 35521 04714 42363 67467 53482	AM/RDFT	(AB)
HM01	9065	8-4	0756	Sun	02034 35521 04714 42363 67467 53482	AM/RDFT	(AB)
HM01	9240	8-4	0855	Sun	02034 35521 04714 42363 67467 53482	AM/RDFT	(AB)
HM01	11435	8-4	1555	Sun	02035 35522 04715 42364 45781 53483	AM/RDFT	(RR2)
HM01	10715	8-4	2157	Sun	02035 35522 04715 42364 45781 53483	AM/RDFT	(BW-3)
HM01	11435	9-4	1555	Mon	02036 35523 04716 42365 45781 53484	AM/RDFT	(RR2)
HM01	11435	10-4	1608	Tue	i.p. 02037 35524 04717 42366 45782 53485	AM/RDFT	(RR2)
HM01	11435	11-4	1626	Wed	02038 35525 04718 42367 45783 53486	AM/RDFT	(RR2)
HM01	11435	12-4	1554	Thu	02039 35526 36461 42368 45784 53487	AM/RDFT	(RR2)
HM01	11435	13-4	1555	Fri	74681 35527 36461 61611 45785 53488	AM/RDFT	(RR2)
HM01	11435	14-4	1556	Sat	74681 35528 36462 61611 45786 58611	AM/RDFT	(RR2)
HM01	17480	14-4	2200	Sat	74681 35528 36462 61611 45786 58611	AM/RDFT	(Dan)
HM01	11435	15-4	1555	Sun	74682 11231 36463 61612 45787 58611	AM/RDFT	(RR2)
HM01	11635	16-4	2058	Mon	74683 11231 36464 61613 10161 58612	AM/RDFT	(RR2)
HM01	11435	17-4	1556	Tue	74684 11232 36465 61614 10161 58613	AM/RDFT	(RR2)
HM01	11435	18-4	1556	Wed	74685 11233 36466 61615 10162 58614	AM/RDFT	(RR2)
HM01	11435	19-4	1559	Thu	74686 11234 36467 61616 10163 58615	AM/RDFT	(RR2)
HM01	11435	20-4	1559	Fri	74687 11235 08271 61617 10164 58616	AM/RDFT	(RR2)
HM01	11435	21-4	1600	Sat	63641 11236 08271 61618 10165 58617	AM/RDFT	(RR2)
HM01	11435	22-4	1558	Sun	63641 11237 08272 61619 10166 58618	AM/RDFT	(RR2)
HM01	11435	23-4	1555	Mon	63642 11238 08273 11341 10167 43001	AM/RDFT	(RR2)
HM01	17480	24-4	2200	Tue	63643 60580 08274 11341 03531 43001	AM/RDFT	(AB)
HM01	11435	25-4	1556	Wed	63644 60581 08275 11342 03531 43002	AM/RDFT	(AB)
HM01	11435	26-4	1556	Thu	63645 60582 08276 11343 03532 43003	AM/RDFT	(AB)
HM01	11530	27-4	1701	Fri	63646 60583 08277 11344 03533 43004	AM/RDFT	(RR2)
HM01	11435	28-4	1600	Sat	63647 64911 08278 11345 03534 43005	AM/RDFT	(RR2)
HM01	11453	28-4	1605	Sat	63647 64911 08278 11345 03534 43005	AM/RDFT	(BW3)
HM01	9330	29-4	0655	Sun	63647 64911 08278 11345 03534 43005	AM/RDFT	(AB)
HM01	9065	29-4	0754	Sun	63647 64911 08278 11345 03534 43005	AM/RDFT	(AB)
HM01	9240	29-4	0855	Sun	63647 64911 08278 11345 03534 43005	AM/RDFT	(AB)
HM01	11435	29-4	1600	Sun	63648 64912 32031 11346 03535 43006	AM/RDFT	(RR2)
HM01	11435	30-4	1555	Mon	84871 64913 32031 11347 03536 43007	AM/RDFT	(RR2)

<b>M01</b>	6510	1-4	0700	Sun	463 371 371 30 30 == 61937 56570 40050 ... 75784 96047 00312 == 371 371 30 30 000	CW	(AB)
<b>M01</b>	5475	3-4	1800	Tue	463 453 453 30 30 == 84434 62661 69360 ... 18444 86937 94085 == 453 453 30 30 000	CW	(AB/MPJ)
<b>M01</b>	5475	5-4	1800	Thu	463 381 381 30 30 == 60883 38049 53679 ... 60621 64951 54420 == 381 381 30 30 000	CW	(AB/MPJ)
<b>M01</b>	6510	8-4	0700	Sun	463 413/30 413/30 17136 21068 90430 ... 30826 86058 23345 413/30 000	CW	(AB)
<b>M01</b>	5475	10-4	1800	Tue	463 738 30 == 57754 11879 51675 ... 415656652496529 (as sent) == 738 30 000. Errors, long pause - a total mess	CW	(MPJ)
<b>M01</b>	5475	12-4	1800	Thu	463 315/30 315/30 53898 78889 84736 ... 66994 24444 11260 315/30 000	CW	(AB/MPJ)
<b>M01</b>	6260	14-4	1500	Sat	463 834 834 30 30 == 98713 22976 71096 ... 12607 91618 77016 == 834 834 30 30 000	CW	(AB/MPJ)
<b>M01</b>	6510	15-4	0700	Sun	Errors (intentional?) and only 21 groups sent. 463 856 856 30 30 = 11833 68435 38787 ... 84730 02018 66049 == 856 856 30 30 000	CW	(AB)
<b>M01</b>	5475	17-4	1800	Tue	463 117 117 30 30 == 92905 45896 79968 ... 43571 18895 81576 117 117 30 30 000	CW	(AB/MPJ)
<b>M01</b>	5020	17-4	2000	Tue	463 728 728 30 30 == 76174 45667 83953 ... 01523 33535 62277 == 728 728 30 30 000	CW	(AB)
<b>M01</b>	5475	19-4	1800	Thu	463 554 554 30 30 = 7 == 42402 65119 16414 ... 64858 26206 64111 = 554 554 30 30 000	CW	(AB/MPJ)
<b>M01</b>	6260	21-4	1500	Sat	463 121 121 30 30 == 60328 55623 70403 ... 52209 82078 33796 == 121 121 30 30 000	CW	(MPJ)
<b>M01</b>	6510	22-4	0700	Sun	463 731 731 30 30 == 84534 62663 69361 ... 18434 88687 94085 == 731 731 30 30 000	CW	(AB)
<b>M01</b>	5475	24-4	1800	Tue	463 901 901 30 30 == 73861 14957 56087 ... 74454 88642 43196 = 901 901 30 30 000 Errors	CW	(AB/MPJ)
<b>M01</b>	5020	24-4	2000	Tue	463 109 = 30 == 109 = 30 == 71034 11095 90121 ... 70289 49039 70199 = 109 109 = 30 30 000 Errors	CW	(AB)
<b>M01</b>	5475	26-4	1800	Thu	463 437 437 30 30 == 74991 49828 49172 ... 28259 39439 46354 == 473 437 30 30 000	CW	(AB/MPJ)
<b>M01</b>	6260	28-4	1500	Sat	463 557 557 = 30 62379 47224 03376 ... 73964 35685 09269 557 557 = 30 30 00000	CW	(AB/MPJ)
<b>M01</b>	6510	29-4	0700	Sun	463 449 449 30 30 == 03780 78194 57565 ... 17355 00116 73954 == 449 449 30 00000 (groups 26 and 27 were sent twice)	CW	(AB)
<b>M01a</b>	4683	4-4	1438	Wed	333 07 333 11 333 15 333 19 333 25 111 000 111 000	CW	(F5JBR)
<b>M01a</b>	4603	4-4	1442	Wed	333 48928 333 46328 444 333 000 333 000 111 333 030 812	CW	(F5JBR)
<b>M01a</b>	4830	4-4	1446	Wed	111 = 80849 111 000	CW	(F5JBR)
<b>M01a</b>	4803	4-4	1450	Wed	104 104 104 900 38 980 38 111 111 333 999 /673229654324467334480 45580/31005000	CW	(F5JBR)
<b>M01b</b>	3535	2-4	1810	Mon	420 781 32 = 60883 3535 //4590	CW	(HFD)
<b>M01b</b>	4590	2-4	1810	Mon	420 781 32 = 60883 3535 //3535	CW	(HFD)
<b>M01b</b>	3645	2-4	1915	Mon	771 781 32 = 60883 3655 //4455	CW	(HFD)
<b>M01b</b>	4455	2-4	1915	Mon	771 781 32 = 60883 3655 //3645	CW	(HFD)
<b>M01b</b>	3510	5-4	1832	Thu	201 781 32 == 60882 58049 53679 ... 54420 22428 17773 == 781 32 000 //4605 kHz	MCW	(MPJ)
<b>M01b</b>	4605	5-4	1832	Thu	201 781 32 == 60882 58049 53679 ... 54420 22428 17773 == 781 32 000 //3510 kHz	MCW	(MPJ)
<b>M01b</b>	3625	6-4	1902	Fri	153 781 32 == 60882 58049 53679 ... 54420 22428 17773 == 781 32 000 //4940 kHz	MCW	(MPJ/HFD)
<b>M01b</b>	4940	6-4	1902	Fri	153 781 32 == 60882 58049 53679 ... 54420 22428 17773 == 781 32 000 //3625 kHz	MCW	(MPJ/HFD)
<b>M01b</b>	3520	6-4	2010	Fri	582 781 32 = 60883 //4585	CW	(HFD)
<b>M01b</b>	4585	6-4	2010	Fri	582 781 32 = 60883 //3520	CW	(HFD)
<b>M01b</b>	3535	9-4	1810	Mon	420 781 32 == 60883 58049 53679 ... 54420 22428 17773 == 781 32 000 //4590 kHz	MCW	(MPJ)
<b>M01b</b>	4590	9-4	1810	Mon	420 781 32 == 60883 58049 53679 ... 54420 22428 17773 == 781 32 000 //3535 kHz	MCW	(MPJ)
<b>M01b</b>	3645	9-4	1916	Mon	771 781 32 == 60883 58049 53679 ... 54420 22428 17773 == 781 32 000 //4455 kHz	MCW	(MPJ)
<b>M01b</b>	4455	9-4	1916	Mon	771 781 32 == 60883 58049 53679 ... 54420 22428 17773 == 781 32 000 //3645 kHz	MCW	(MPJ)

<b>M01b</b>	3510	11-4	1832	Wed	201 781 32 = 60883 //4605	CW	(HFD)
<b>M01b</b>	4605	11-4	1832	Wed	201 781 32 = 60883 //3510	CW	(HFD)
<b>M01b</b>	3715	11-4	1942	Wed	477 781 32 = 60883 //4570	CW	(HFD)
<b>M01b</b>	4570	11-4	1942	Wed	477 781 32 = 60883 //3715	CW	(HFD)
<b>M01b</b>	3510	12-4	1832	Thu	201 781 32 = = 60883 58049 53679 ... 54420 22428 17773 = = 781 32 000	MCW	(MPJ)
<b>M01b</b>	3625	13-4	1918	Fri	i.p. 54420 22428 17773 = = 781 32 000	MCW	(MPJ)
<b>M01b</b>	3645	16-4	1917	Mon	771 781 32 = = 60883 58049 53679 ... 54420 22428 17773 = = 781 32 000 //4455 kHz	MCW	(MPJ)
<b>M01b</b>	4455	16-4	1917	Mon	771 781 32 = = 60883 58049 53679 ... 54420 22428 17773 = = 781 32 000 //3645 kHz	MCW	(MPJ)
<b>M01b</b>	3510	19-4	1832	Thu	201 781 32 = = 60883 58049 53679 ... 54420 22428 17773 = = 781 32 000 //4605 kHz	MCW	(MPJ)
<b>M01b</b>	4605	19-4	1832	Thu	201 781 32 = = 60883 58049 53679 ... 54420 22428 17773 = = 781 32 000 //3510 kHz	MCW	(MPJ)
<b>M01b</b>	3625	20-4	1902	Fri	153 781 32 = = 60883 58049 53679 ... 54420 22428 17773 = = 781 32 000 //4940 kHz	MCW	(MPJ)
<b>M01b</b>	4940	20-4	1902	Fri	153 781 32 = = 60883 58049 53679 ... 54420 22428 17773 = = 781 32 000 //3625 kHz	MCW	(MPJ)
<b>M01b</b>	4592	23-4	1810	Mon	420 781 32 = = 60883 58049 53679 ... 54420 22428 17773 = = 781 32 000 //3535 kHz	MCW	(MPJ)
<b>M01b</b>	3645	23-4	1917	Mon	771 781 32 = = 60883 58049 53679 ... 54420 22428 17773 = = 781 32 000	MCW	(MPJ)
<b>M01b</b>	3510	26-4	1832	Thu	201 781 32 = = 60883 58049 53679 ... 54420 22428 17773 = = 781 32 000 //4605 kHz	MCW	(MPJ)
<b>M01b</b>	4605	26-4	1832	Thu	201 781 32 = = 60883 58049 53679 ... 54420 22428 17773 = = 781 32 000 //3510 kHz	MCW	(MPJ)
<b>M12</b>	18524	2-4	1400	Mon	548 548 548 1 6085 133 6085 133 21248 29270 41675 ... 21682 26267 40546 000 000	CW	(AB-AUT/FT/HFD)
<b>M12</b>	17424	2-4	1420	Mon	548 548 548 1 6085 133 6085 133 21248 29270 41675 ... 21682 26267 40546 000 000	CW	(AB-RUS/FT/HFD)
<b>M12</b>	15824	2-4	1440	Mon	548 548 548 1 6085 133 6085 133 21248 29270 41675 ... 21682 26267 40546 000 000	CW	(AB/FT/HFD)
<b>M12</b>	18524	4-4	1400	Wed	548 548 548 1 6085 133 6085 133 21248 29270 41675 ... 21682 26267 40546 000 000	CW	(AB-RUS/MPJ)
<b>M12</b>	17424	4-4	1420	Wed	548 548 548 1 6085 133 6085 133 21248 29270 41675 ... 21682 26267 40546 000 000	CW	(AB-RUS/MPJ)
<b>M12</b>	15824	4-4	1440	Wed	548 548 548 1 6085 133 6085 133 21248 29270 41675 ... 21682 26267 40546 000 000	CW	(AB-RUS/MPJ)
<b>M12</b>	12153	4-4	1950	Wed	414 414 414 000	CW	(HFD)
<b>M12</b>	6793	4-4	2100	Wed	785 785 785 1 500 141 500 141 80050 65446 17371 ... 83380 23214 55024 000 000	CW	(AB)
<b>M12</b>	5893	4-4	2120	Wed	785 785 785 1 500 141 500 141 80050 65446 17371 ... 83380 23214 55024 000 000	CW	(AB)
<b>M12</b>	4593	4-4	2140	Wed	785 785 785 1 500 141 500 141 80050 65446 17371 ... 83380 23214 55024 000 000	CW	(AB)
<b>M12</b>	14468	5-4	1310	Thu	451 451 451 1 9987 63 9987 63 03714 24593 37686 ... 26961 76006 61439 000 000	CW	(AB/MPJ)
<b>M12</b>	13568	5-4	1330	Thu	451 451 451 1 9987 63 9987 63 03714 24593 37686 ... 26961 76006 61439 000 000	CW	(AB/MPJ)
<b>M12</b>	12178	5-4	1350	Thu	451 451 451 1 9987 63 9987 63 03714 24593 37686 ... 26961 76006 61439 000 000	CW	(AB/MPJ)
<b>M12</b>	13453	6-4	1950	Fri	414 414 414 000	CW	(HFD)
<b>M12</b>	12153	6-4	2010	Fri	414 414 414 000	CW	(AB/HFD)
<b>M12</b>	8176	7-4	0500	Sat	134 134 134 1 500 141 500 141 80050 65446 17371 ... 83380 23214 55024 000 000	CW	(AB)
<b>M12</b>	9376	7-4	0520	Sat	134 134 134 1 500 141 500 141 80050 65446 17371 ... 83380 23214 55024 000 000	CW	(AB)
<b>M12</b>	10476	7-4	0540	Sat	134 134 134 1 500 141 500 141 80050 65446 17371 ... 83380 23214 55024 000 000	CW	(AB)
<b>M12</b>	14468	7-4	1310	Sat	451 451 451 1 9987 63 9987 63 03714 24593 37686 ... 26961 76006 61439 000 000	CW	(AB/MPJ/HFD)
<b>M12</b>	13568	7-4	1330	Sat	451 451 451 1 9987 63 9987 63 03714 24593 37686 ... 26961 76006 61439 000 000	CW	(AB/MPJ/HFD)
<b>M12</b>	12178	7-4	1350	Sat	451 451 451 1 9987 63 9987 63 03714 24593 37686 ... 26961 76006 61439 000 000	CW	(AB/MPJ/HFD)
<b>M12</b>	18524	9-4	1400	Mon	548 548 548 000	CW	(AB-AUT)
<b>M12</b>	17424	9-4	1420	Mon	548 548 548 000	CW	(AB/MPJ)
<b>M12</b>	6793	10-4	2100	Tue	785 785 785 000	CW	(HFD)



M12	5893	10-4	2120	Tue	785 785 785 000	CW	(HFD)
M12	18524	11-4	1400	Wed	548 548 548 000	CW	(AB-RUS/MPJ)
M12	17424	11-4	1420	Wed	548 548 548 000	CW	(AB-RUS/MPJ)
M12	13453	11-4	1950	Wed	414 414 414 000	CW	(AB)
M12	12153	11-4	2010	Wed	414 414 414 000	CW	(AB)
M12	6793	11-4	2100	Wed	785 785 785 000	CW	(AB)
M12	5893	11-4	2120	Wed	785 785 785 000	CW	(AB)
M12	14468	12-4	1310	Thu	451 451 451 000	CW	(AB/MPJ)
M12	13568	12-4	1330	Thu	451 451 451 000	CW	(AB/MPJ)
M12	13453	13-4	1950	Fri	414 414 414 000	CW	(AB)
M12	12153	13-4	2010	Fri	414 414 414 000	CW	(AB)
M12	8176	14-4	0500	Sat	134 134 134 000	CW	(AB)
M12	9376	14-4	0520	Sat	134 134 134 000	CW	(AB)
M12	14468	14-4	1310	Sat	451 451 451 000	CW	(AB)
M12	13568	14-4	1330	Sat	451 451 451 000	CW	(AB)
M12	18524	16-4	1400	Mon	548 548 548 1 6460 101 6460 101 43991 38460 13211 ... 17278 68740 88648 000 000	CW	(AB-RUS/MPJ-RUS)
M12	17424	16-4	1420	Mon	548 548 548 1 6460 101 6460 101 43991 38460 13211 ... 17278 68740 88648 000 000	CW	(AB-RUS/MPJ-RUS)
M12	15824	16-4	1440	Mon	548 548 548 1 6460 101 6460 101 43991 38460 13211 ... 17278 68740 88648 000 000	CW	(AB-RUS/MPJ-RUS)
M12	18524	18-4	1400	Wed	548 548 548 1 6460 101 6460 101 43991 38460 13211 ... 17278 68740 88648 000 000	CW	(MPJ-RUS)
M12	17424	18-4	1420	Wed	548 548 548 1 6460 101 6460 101 43991 38460 13211 ... 17278 68740 88648 000 000	CW	(MPJ-RUS)
M12	15824	18-4	1440	Wed	548 548 548 1 6460 101 6460 101 43991 38460 13211 ... 17278 68740 88648 000 000	CW	(MPJ-RUS)
M12	13453	18-4	1950	Wed	414 414 414 000	CW	(AB)
M12	12153	18-4	2010	Wed	414 414 414 000	CW	(AB/RL)
M12	6793	18-4	2100	Wed	785 785 785 1 8998 115 8998 115 48819 99591 98100 ... 53938 37385 91198 000 000	CW	(AB)
M12	5893	18-4	2120	Wed	785 785 785 1 8998 115 8998 115 48819 99591 98100 ... 53938 37385 91198 000 000	CW	(AB)
M12	4593	18-4	2140	Wed	785 785 785 1 8998 115 8998 115 48819 99591 98100 ... 53938 37385 91198 000 000	CW	(AB)
M12	14468	19-4	1310	Thu	451 451 451 1 240 83 240 83 78047 82479 13606 ... 56553 01394 72456 000 000	CW	(AB/MPJ)
M12	13568	19-4	1330	Thu	451 451 451 1 240 83 240 83 78047 82479 13606 ... 56553 01394 72456 000 000	CW	(AB/MPJ)
M12	12178	19-4	1350	Thu	451 451 451 1 240 83 240 83 78047 82479 13606 ... 56553 01394 72456 000 000	CW	(AB/MPJ)
M12	13453	20-4	1950	Fri	414 414 414 000	CW	(AB)
M12	12153	20-4	2010	Fri	414 414 414 000	CW	(AB)
M12	8176	21-4	0500	Sat	134 134 134 1 8998 115 8998 115 48819 99591 98100 ... 53938 37385 91198 000 000	CW	(AB)
M12	9376	21-4	0520	Sat	134 134 134 1 8998 115 8998 115 48819 99591 98100 ... 53938 37385 91198 000 000	CW	(AB)
M12	10476	21-4	0540	Sat	134 134 134 1 8998 115 8998 115 48819 99591 98100 ... 53938 37385 91198 000 000	CW	(AB)
M12	14468	21-4	1310	Sat	451 451 451 1 240 83 240 83 78047 82479 13606 ... 56553 01394 72456 000 000	CW	(AB/MPJ)
M12	13568	21-4	1330	Sat	451 451 451 1 240 83 240 83 78047 82479 13606 ... 56553 01394 72456 000 000	CW	(AB/MPJ)
M12	12178	21-4	1350	Sat	451 451 451 1 240 83 240 83 78047 82479 13606 ... 56553 01394 72456 000 000	CW	(AB/MPJ)
M12	18524	23-4	1400	Mon	548 548 548 000	CW	(MPJ)
M12	17424	23-4	1420	Mon	548 548 548 000	CW	(MPJ-RUS)
M12	18524	25-4	1400	Wed	548 548 548 000	CW	(AB-RUS/MPJ)

<b>M12</b>	17424	25-4	1420	Wed	548 548 548 000		CW	(AB-RUS/MPJ-RUS)
<b>M12</b>	13453	25-4	1950	Wed	414 414 414 000		CW	(AB)
<b>M12</b>	12153	25-4	2010	Wed	414 414 414 000		CW	(AB)
<b>M12</b>	6793	25-4	2100	Wed	785 785 785 000		CW	(AB)
<b>M12</b>	5893	25-4	2120	Wed	785 785 785 000		CW	(AB)
<b>M12</b>	14468	26-4	1310	Thu	451 451 451 000		CW	(AB)
<b>M12</b>	13568	26-4	1330	Thu	451 451 451 000		CW	(AB)
<b>M12</b>	13453	27-4	1950	Fri	414 414 414 000		CW	(AB/RL)
<b>M12</b>	12153	27-4	2010	Fri	414 414 414 000		CW	(AB/RL)
<b>M12</b>	8176	28-4	0500	Sat	134 134 134 000		CW	(AB)
<b>M12</b>	9376	28-4	0520	Sat	134 134 134 000		CW	(AB)
<b>M12</b>	14468	28-4	1310	Sat	451 451 451 000		CW	(AB/MPJ)
<b>M12</b>	13568	28-4	1330	Sat	451 451 451 000		CW	(AB/MPJ)
<b>M12</b>	18524	30-4	1400	Mon	548 548 548 000		CW	(AB/MPJ)
<b>M12</b>	17424	30-4	1420	Mon	548 548 548 000		CW	(AB/MPJ-HOL)
<b>M14</b>	18041	2-4	0500	Mon	952 637 637 55 55 == 77590 23253 84762 ... 40179 64267 10959 == 637 637 55 55 00000		CW	(AB-CHN)
<b>M14</b>	11122	3-4	1130	Tue	825 (R4) 468 468 53 53 == 03089 20579 05389 ... 75725 14241 86207 == 468 468 53 53 00000		ICW	(qsr711/HFD)
<b>M14</b>	9067	3-4	1200	Tue	825 (R4) 468 468 53 53 == 03089 20579 05389 ... 75725 14241 86207 == 468 468 53 53 00000		ICW	(qsr711)
<b>M14</b>	5740	3-4	1600	Tue	725 831 831 86 86 48480 16661 33760 ... 56157 20096 67627 831 831 86 86 00000		MCW	(AB/MPJ)
<b>M14</b>	18041	4-4	0500	Wed	952 367 367 50 50 == 08286 29564 31221 ... 33609 24857 48221 == 367 367 50 50 00000		CW	(AB-CHN)
<b>M14</b>	18041	6-4	0500	Fri	952 306 55 = ...		CW	(AB-KOR)
<b>M14</b>	5477	6-4	1800	Fri	382 382 382 00000		MCW	(AB/MPJ)
<b>M14</b>	6824	8-4	0600	Sun	523 523 523 00000		MCW	(AB)
<b>M14</b>	6990	8-4	0700	Sun	523 523 523 00000		MCW	(AB)
<b>M14</b>	18041	9-4	0500	Mon	952 714 714 60 60 == 29376 11782 49652 ... 29476 91748 94803 == 714 714 60 60 00000		CW	(AB-KOR)
<b>M14</b>	5939	10-4	1800	Tue	346 490 490 91 91 52378 90126 42876 ... 73809 62841 32465 490 490 91 91 00000		MCW	(AB/MPJ)
<b>M14</b>	5463	11-4	1920	Wed	537 490 490 91 91 52378 90126 42876 ... 73809 62841 32465 490 490 91 91 00000		MCW	(AB)
<b>M14</b>	18041	12-4	0500	Thu	952 486 486 50 50 == 62458 31904 48410 ... 36357 85600 99688 == 486 486 50 50 00000		CW	(AB-CHN)
<b>M14</b>	18041	13-4	0500	Fri	952 301 301 60 60 == 13883 34795 88729 ... 91020 59778 57786 == 301 301 60 60 00000		CW	(AB-CHN)
<b>M14</b>	18041	16-4	0500	Mon	952 487 487 60 60 == 35128 50769 81730 ... 13612 97032 29771 == 487 487 60 60 00000		CW	(AB-CHN)
<b>M14</b>	5740	17-4	1600	Tue	725 831 831 86 86 48480 16661 33760 ... 56157 20096 67627 831 831 86 86 00000		MCW	(AB/MPJ)
<b>M14</b>	18041	18-4	0500	Wed	952 704 704 60 60 == 48805 39225 16169 ... 37087 78626 05316 == 704 704 60 60 00000		CW	(AB-KOR)
<b>M14</b>	18041	19-4	0500	Thu	952 816 816 50 50 == 42315 80112 08711 ... 47416 36478 19875 Stops after 49 groups		CW	(AB-KOR)
<b>M14</b>	18041	20-4	0500	Fri	952 734 734 60 60 == 91823 79102 05532 ... 29136 99582 76782 == 734 734 60 60 00000		CW	(AB-KOR)
<b>M14</b>	5930	20-4	1700	Fri	382 382 382 00000		CW	(AB)
<b>M14</b>	5477	20-4	1800	Fri	382 382 382 00000		CW	(AB/MPJ)
<b>M14</b>	6830	22-4	0600	Sun	382 382 382 00000		MCW	(AB)
<b>M14</b>	6990	22-4	0700	Sun	382 382 382 00000		MCW	(AB)
<b>M14</b>	18041	23-4	0500	Mon	952 806 806 55 55 == 29007 13607 56677 ... 23611 14357 39592 == 806 806 55 55 00000		CW	(AB-CHN)
<b>M14</b>	5936	24-4	1820	Tue	346 825 825 53 53 == 64532 37645 87465 ... 73546 53421 26534 == 825 825 53 53 00000		MCW	(AB/MPJ)



M14	18041	25-4	0500	Wed	952 610 610 55 55 == 43613 54596 26758 ... 51204 53751 66700 == 610 610 55 55 00000	CW	(AB-KOR)
M14	9463	25-4	0730	Wed	i.p. = 367 367 54 54 00000	CW	(AnEur)
M14	17458	25-4	0930	Wed	617 617 617 00000	CW	(AB)
M14	5463	25-4	1920	Wed	537 121 121 56 56 45644 45646 81348 ... 02458 81230 67312 121 121 56 56 00000	MCW	(AB)
M14	18041	26-4	0500	Thu	952 387 387 50 50 == 24006 96267 22111 ... 49973 74814 39243 == 387 387 50 50 00000	CW	(AB-CHN)
M14	18041	27-4	0500	Fri	952 692 692 60 60 == 13649 39911 78449 ... 29828 03606 98841 == 692 692 60 60 00000	CW	(AB-KOR)
M14	9463	30-4	1243	Mon	unscheduled, i.p. 00035 22616 34807 ... 59176 46219 86193 == 571 571 54 54 00000 errors	CW	(qsr711)
M21	4416	9-4	1803	Mon	=992103??0????? =992104??0?????	CW	(JPL-CHN)
M21	5323	9-4	1808	Mon	=992108??0????? =992108??0?????	CW	(JPL-CHN)
M21	3300.5	9-4	1815	Mon	=99?2115?9?????	CW	(JPL-J)
M21	3279.5	9-4	1817	Mon	=992117??0?????	CW	(JPL-J)
M21	4391	10-4	2240	Tue	=990132??0????? =990133??0????? =990134??0????? =990135??0????? =990136??0?????	CW	(SP1)
M22	6607	1-4	1825	Sun	VVV DE 4XZ 4XZ == NR AR NW QTC 1 NR 42 NR 42 WDV EI7L 829110 DD2R GR 31 ==	CW	(RL)
M22	6607	11-4	0428	Wed	4XZ 5LG message	CW	(W1BO)
M32	7964	3-4	1929	Tue	5XNK 5XNK 5XNK DE IO5H IO5H K R K HDPF HDPF HDPF DE IO5H IO5H K R K DNMR DNMR DNMR DE IO5H IO5H K R K	CW	(JPL-CHN)
M32	8529	9-4	0658	Mon	i.p. GG4X = GG4X 816 30 9 0930 816 = 032 = 11111 96915 96571 75117 51345 78502 ...	CW	(JPL-J)
M32	10164	10-4	0927	Tue	RDL: U U U XXX XXX WEGI WEGI 86139 93233 UKORODOLG 9397 0667	CW	(JU)
M32	10164	10-4	0935	Tue	RDL: U U U U XXX XXX WEGI WEGI 57122 93233 TUEKOSOUeZ 6182 6154 TRUPOPLUG 7134 1376	CW	(JU)
M32	10164	10-4	1136	Tue	RDL: XXX XXX WEGI WEGI 37434 41852 TAeTXKA 1634 1129 STOLB 5318 2811	CW	(JU)
M32	10164	10-4	1156	Tue	RDL: XXX XXX RGT77 RGT77 09924 85403 MOLELXQIK 7250 7437	CW	(JU)
M32	10164	10-4	1158	Tue	RDL: U U U U XXX XXX 2V8I 2V8I 83074 60983 BAeZEWYJ 7678 4236	CW	(JU)
M32	12471	10-4	1208	Tue	RDL: U U U U 84790 68891 PROTEZIST 8180 0888 //12832, 14411 kHz	CW	(JU)
M32	12832	10-4	1208	Tue	RDL: U U U U 84790 68891 PROTEZIST 8180 0888 //12471, 14411 kHz	CW	(JU)
M32	14411	10-4	1208	Tue	RDL: U U U U 84790 68891 PROTEZIST 8180 0888 //12471, 12832 kHz	CW	(JU)
M32	12471	10-4	1220	Tue	RDL: U U U U XXX XXX N4iY N4iY 15647 81387 KRAeVOSKIP 6210 2915 //12832, 14411 kHz	CW	(JU)
M32	12832	10-4	1220	Tue	RDL: U U U U XXX XXX N4iY N4iY 15647 81387 KRAeVOSKIP 6210 2915 //12471, 14411 kHz	CW	(JU)
M32	14411	10-4	1220	Tue	RDL: U U U U XXX XXX N4iY N4iY 15647 81387 KRAeVOSKIP 6210 2915 //12471, 12832 kHz	CW	(JU)
M32	12471	10-4	1223	Tue	RDL: U U U U XXX XXX 2V8I 2V8I 99444 75675 OTSLOENIE 2830 8003 //12832, 14411 kHz	CW	(JU)
M32	12832	10-4	1223	Tue	RDL: U U U U XXX XXX 2V8I 2V8I 99444 75675 OTSLOENIE 2830 8003 //12471, 14411 kHz	CW	(JU)
M32	14411	10-4	1223	Tue	RDL: U U U U XXX XXX 2V8I 2V8I 99444 75675 OTSLOENIE 2830 8003 //12471, 12832 kHz	CW	(JU)
M32	10535	12-4	1607	Thu	RDL: UUUU XXX XXX WEGI WEGI 56573 98109 GESTAPOWEC 6167 3657 //12832, 12776, 12741 kHz	CW	(JU)
M32	12741	12-4	1607	Thu	RDL: UUUU XXX XXX WEGI WEGI 56573 98109 GESTAPOWEC 6167 3657 //10535, 12832, 12776 kHz	CW	(JU)
M32	12776	12-4	1607	Thu	RDL: UUUU XXX XXX WEGI WEGI 56573 98109 GESTAPOWEC 6167 3657 //10535, 12832, 12741 kHz	CW	(JU)
M32	12832	12-4	1607	Thu	RDL: UUUU XXX XXX WEGI WEGI 56573 98109 GESTAPOWEC 6167 3657 //10535, 12776, 12741 kHz	CW	(JU)
M32	10164	12-4	1622	Thu	RDL: UUUU XXX XXX 2V8I 2V8I 67793 61510 GONGOGA 9823 7746	CW	(JU)
M32	10164	12-4	1624	Thu	RDL: UUUU XXX XXX 2V8I 2V8I 65440 96787 ZALPOCIK 9424 7632	CW	(JU)
M32	10164	13-4	0945	Fri	RDL: UUUU XXX XXX 2V8I 2V8I 77112 69269 BEROShTUF 9451 4946 K	CW	(SP1)
M32	10164	13-4	1435	Fri	RDL: UUUU RDL RDL RDL 46217 04254 46217 04254 46217 04254 K	CW	(SP1)
M32	21.1	14-4	1857	Sat	RDL: XXX 74258 26900 K	CW	(AnEur)

<b>M32</b>	21.1	14-4	1920	Sat	RDL: XXX 90270 61234 (HERH) K	CW	(AnEur)
<b>M32</b>	21.1	14-4	2006	Sat	RDL: XXX 59323 21280 (HERH) K	CW	(AnEur)
<b>M32</b>	4812.5	19-4	1937	Thu	RDL: 54718 14537 K. XXX XXX then T-600 traffic	CW	(AnEur)
<b>M32</b>	4812.5	19-4	1947	Thu	RDL: 90564 53849 K. XXX XXX then T-600 traffic	CW	(AnEur)
<b>M32</b>	4812.5	19-4	2039	Thu	RDL: 11111 15138 72197 23396 23296 70.20 10à ?	CW	(AnEur)
<b>M32</b>	4812.5	19-4	2055	Thu	RDL: 22222 64776 73028 93111 93211 72468 ?	CW	(AnEur)
<b>M32</b>	12832	21-4	0918	Sat	RDL	CW	(AnEur)
<b>M32</b>	7703	23-4	2036	Mon	i.p. 5823 2245 040 5823 2245 040 = ZAQ Z81 = 11095 91727 11156 ... 57327 26461 23055 RPT AL K	CW	(AB)
<b>M32a</b>	8152	2-4	1828	Mon	Russian navy, Kaliningrad. REO de RMP QTC 590 210 2 2004 590 = PRIP KALININGRAD 93 KARTA 25052 GDANXSKIJ ...	CW	(MPJ)
<b>M32a</b>	8345	3-4	0607	Tue	rcv de rji48 179 17 3 0902 179 = sml for rjh45 rje73 = 03091 99363 10269 44698 03605 10180 40266 57014 70000 80000 22232 00165 20000 03013 = + rji48 k	CW	(WP3)
<b>M32a</b>	5753	7-4	0857	Sat	VVV RJP91 DE RCC QSA ? K. VVV RJP91 DE RCC QSA ? K	CW	(JPL-AUS)
<b>M32a</b>	8417	10-4	----	Tue	RMP: xxx reo 55416 kinofabrika 6490 6581 kam÷atka 0399 2441 k	CW	(WP3)
<b>M32a</b>	8417	10-4	----	Tue	RMP: xxx reo 28202 wletoCHlam 2355 0558 k	CW	(WP3)
<b>M32a</b>	8417	10-4	----	Tue	RMP: xxx reo 54984 doloCHlak 4502 7523 k	CW	(WP3)
<b>M32a</b>	8417	10-4	----	Tue	RMP: xxx reo 09341 klubok 7351 2968 k	CW	(WP3)
<b>M32a</b>	8417	10-4	----	Tue	RMP: xxx reo 72849 dorovnik 7693 6803 k	CW	(WP3)
<b>M32a</b>	8417	10-4	----	Tue	RMP: xxx reo 77214 zemlebitnyj 8084 6025 k	CW	(WP3)
<b>M32a</b>	13561	19-4	1357	Thu	xxx xxx alba alba 10474 UGONOTOM 7024 4239 K	CW	(MCO)
<b>M32a</b>	12464	20-4	0916	Fri	RGZ59: Russian Navy LS Nikolay Filchenkov: rcv de rgz59 440 15 20 1210 440 = for rje73 = 20091 99360 10273 41996 03209 10261 40092 ...	CW	(WP3)
<b>M32a</b>	5984	20-4	2143	Fri	RGZ59: Russian Navy LS Nikolay Filchenkov: rcv de rgz59 512 15 21 0010 512 = for rje73 = 20211 99380 10255 41998 00517 10180 40146 ...	CW	(WP3)
<b>M32a</b>	9145	23-4	1122	Mon	Russian navy i.p. 2414 FM RAA K	CW	(AB)
<b>M32b</b>	b8816	16-4	1430	Mon	i.p. RJC38 DE RJF94 RJF94 QSA1 K	CW	(RL)
<b>M32c</b>	8029	6-4	0600	Fri	W-marker. Russian Air Force Bear net	CW	(WP3)
<b>M32c</b>	8029	6-4	0620	Fri	W-marker. Russian Air Force Bear net	CW	(WP3)
<b>M32c</b>	8029	6-4	0740	Fri	W-marker. Russian Air Force Bear net	CW	(AB)
<b>M32c</b>	8029	6-4	0800	Fri	W-marker. Russian Air Force Bear net	CW	(AB)
<b>M32c</b>	8029	6-4	0820	Fri	W-marker. Russian Air Force Bear net	CW	(AB)
<b>M32c</b>	8029	6-4	0840	Fri	W-marker. Russian Air Force Bear net	CW	(AB)
<b>M32c</b>	8029	6-4	0900	Fri	W-marker. Russian Air Force Bear net	CW	(AB)
<b>M32c</b>	8029	6-4	0920	Fri	W-marker. Russian Air Force Bear net	CW	(AB)
<b>M32c</b>	8029	9-4	1600	Mon	W-markers: Tu-95MS Bear H net	CW	(Tom)
<b>M42</b>	13905	5-4	1219	Thu	Russian diplo/intel.	Baudot 75/500	(MCO)
<b>M42</b>	16263	6-4	1107	Fri	Russian diplo/intel.	MFSK-66	(MCO)
<b>M42</b>	12163	18-4	0656	Wed	Russian diplo/intel i.p.	MFSK-64	(AB)
<b>M42</b>	14620	26-4	1212	Thu	Russian diplo. UAL: Russian embassy wkg Moscow (QSX 16156 kHz)	Baudot 100/500	(MCO)
<b>M51a</b>	6825	18-4	0930	Wed	i.p. EAALY VCGRY WNDHR QKNWJ AJAOK UJAOK QMAUJ YHDGT WVQHA ZUSHL AIKDH 35281 ...	CW	(AB)

M89	4904	1-4	0915	Sun	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
M89	3238	1-4	1917	Sun	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	1-4	1917	Sun	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4620	1-4	1920	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620 and 4860	CW	(JPL)
M89	4860	1-4	1920	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620 and 6840	CW	(JPL)
M89	6840	1-4	1920	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620 and 4860	CW	(JPL)
M89	3238	3-4	1851	Tue	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	3-4	1851	Tue	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3378	3-4	1900	Tue	V C4TY (x3) DE NSF5 (x2) //4783	CW	(JPL)
M89	4783	3-4	1900	Tue	V C4TY (x3) DE NSF5 (x2) //3378	CW	(JPL)
M89	4125	3-4	1908	Tue	V UISD (x3) DE CBFG (X2)	CW	(JPL)
M89	4620	3-4	1920	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 6840	CW	(JPL)
M89	4860	3-4	1920	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620 and 6840	CW	(JPL)
M89	6840	3-4	1920	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620 and 4860	CW	(JPL)
M89	4131	3-4	1939	Tue	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	6874	4-4	0908	Wed	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	8157	4-4	0908	Wed	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	10378	4-4	0929	Wed	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
M89	3238	4-4	1023	Wed	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	4-4	1023	Wed	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4783	4-4	2327	Wed	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
M89	3238	5-4	1714	Thu	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	5-4	1714	Thu	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3378	5-4	1717	Thu	V JU7B (x3) DE 3FCX (x2) //4783 sending different roundslip	CW	(JPL)
M89	4783	5-4	1717	Thu	V C4TY (x3) DE NSF5 (x2) //3378 sending different roundslip	CW	(JPL)
M89	4620	5-4	1720	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	4860	5-4	1720	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620	CW	(JPL)
M89	4720	5-4	1730	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5150	5-4	1730	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	6874	6-4	0812	Fri	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	8157	6-4	0812	Fri	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	10378	6-4	0815	Fri	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
M89	10378	7-4	0826	Sat	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
M89	4870	7-4	0829	Sat	i.p. MSG NR 0406 CK 93 40 0407 1625 RMKS 5060 TO 5120 5280 5580 = 5TDA AU64 UT3U 54D7 ... AR V M8JF DE RIS9 //4870, 6874, 8157	CW	(JPL)
M89	6874	7-4	0829	Sat	i.p. MSG NR 0406 CK 93 40 0407 1625 RMKS 5060 TO 5120 5280 5580 = 5TDA AU64 UT3U 54D7 ... AR V M8JF DE RIS9 //4870, 6874, 8157	CW	(JPL)
M89	8157	7-4	0829	Sat	i.p. MSG NR 0406 CK 93 40 0407 1625 RMKS 5060 TO 5120 5280 5580 = 5TDA AU64 UT3U 54D7 ... AR V M8JF DE RIS9 //4870, 6874, 8157	CW	(JPL)
M89	3238	8-4	1755	Sun	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)

M89	4870	8-4	1755	Sun	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3378	8-4	1757	Sun	V C4TY (x3) DE NSF5 (x2) //4783	CW	(JPL)
M89	4783	8-4	1757	Sun	V C4TY (x3) DE NSF5 (x2) //3378	CW	(JPL)
M89	10378	9-4	0648	Mon	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
M89	6874	9-4	0649	Mon	i.p. RIS9 i.p. /73/78/0697/070/A AR = .02/9445/5060/73/78/0697/070/A AR V M8JF DE RIS9 //8157	CW	(JPL)
M89	8157	9-4	0649	Mon	i.p. RIS9 i.p. /73/78/0697/070/A AR = .02/9445/5060/73/78/0697/070/A AR V M8JF DE RIS9 //6874	CW	(JPL)
M89	3238	9-4	1118	Mon	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	9-4	1118	Mon	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	6840	9-4	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //10640/	CW	(JPL)
M89	10640	9-4	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	3378	9-4	1121	Mon	V C4TY (x3) DE NSF5 (x2) //4783	CW	(JPL)
M89	4783	9-4	1121	Mon	V C4TY (x3) DE NSF5 (x2) //3378	CW	(JPL)
M89	5177	10-4	1327	Tue	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	3238	10-4	1336	Tue	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	10-4	1336	Tue	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3378	10-4	1338	Tue	V C4TY (x3) DE NSF5 (x2) //4783	CW	(JPL)
M89	4783	10-4	1338	Tue	V C4TY (x3) DE NSF5 (x2) //3378	CW	(JPL)
M89	3238	12-4	1119	Thu	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	12-4	1119	Thu	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	6840	12-4	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //10640	CW	(JPL)
M89	10640	12-4	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	4783	12-4	1123	Thu	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
M89	3378	12-4	1215	Thu	V C4TY (x3) DE NSF5 (x2) //4783	CW	(JPL)
M89	4783	12-4	1215	Thu	V C4TY (x3) DE NSF5 (x2) //3378	CW	(JPL)
M89	4620	12-4	2220	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	4860	12-4	2220	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620	CW	(JPL)
M89	3238	13-4	1204	Fri	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	13-4	1204	Fri	V M8JF (x3) DE RIS9 (x2) = 802/5920/5060/73/05/9756/0743. AR //3238	CW	(JPL)
M89	3238	13-4	1514	Fri	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	13-4	1514	Fri	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3378	13-4	1515	Fri	V C4TY (x3) DE NSF5 (x2) //4783	CW	(JPL)
M89	4777	13-4	1515	Fri	i.p. RPT R U 7G GA	CW	(JPL)
M89	4783	13-4	1515	Fri	V C4TY (x3) DE NSF5 (x2) //3378	CW	(JPL)
M89	4788	13-4	1515	Fri	i.p. 7G NR 009 CK 201 0413 2250 RMKS 9940 TO 8070 K. R 019 5 01P 01W =	CW	(JPL)
M89	4131	13-4	1539	Fri	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	3238	15-4	1227	Sun	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	15-4	1227	Sun	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3378	15-4	1228	Sun	V C4TY (x3) DE NSF5 (x2) //4783 sending different roundslip	CW	(JPL)
M89	4783	15-4	1228	Sun	V GP4L (x3) DE KMY1 (x2) //3378 sending different roundslip	CW	(JPL)
M89	10378	15-4	1228	Sun	V GP4L (x3) DE KMY1 (x2)	CW	(JPL)

M89	4131	15-4	1753	Sun	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	10378	16-4	0015	Mon	[V GP4L (x3) DE KMY1 (x2)	CW	(JPL)
M89	6874	16-4	0017	Mon	[V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	8157	16-4	0017	Mon	[V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	5512	16-4	0046	Mon	[i.p. 0800 RMKS Y214 TO Y212 K. = ..DN AB4U 46T7 DAU7 43AT 7TN4 47D3 64ND T37D ND7T AD43 A4DU ...	CW	(JPL)
M89	9364	16-4	0631	Mon	[i.p. NUL3 K. QSA 1 QSY NR NR 01 NR 01 QSA 1 QSY NR NR 01 K K	CW	(JPL)
M89	3238	16-4	1207	Mon	[V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	16-4	1207	Mon	[V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3238	16-4	2042	Mon	[V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	16-4	2042	Mon	[V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3378	16-4	2044	Mon	[V C4TY (x3) DE NSF5 (x2) //4783 sending different roundslip	CW	(JPL)
M89	4783	16-4	2044	Mon	[V GP4L (x3) DE KMY1 (x2) //3378 sending different roundslip	CW	(JPL)
M89	4131	16-4	2048	Mon	[V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	3238	17-4	1238	Tue	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	17-4	1238	Tue	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3378	17-4	1240	Tue	V C4TY (x3) DE NSF5 (x2) //4783 sending different roundslip	CW	(JPL)
M89	4783	17-4	1240	Tue	V GP4L (x3) DE KMY1 (x2) //3378 sending different roundslip	CW	(JPL)
M89	3238	18-4	1642	Wed	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	18-4	1642	Wed	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4131	18-4	1645	Wed	i.p. AR HR WK NR 0033 K EEEE VV V JKDJ DE SLBC	CW	(JPL)
M89	4811	18-4	1708	Wed	i.p. RMKS 6358 TO 5838/3638 = QRW N4958 P EEEE = QRW N4958 380200 KP 6358 AR =	CW	(JPL)
M89	10378	19-4	1056	Thu	V GP4L (x3) DE KMY1 (x2)	CW	(JPL)
M89	6840	19-4	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //10640	CW	(JPL)
M89	10640	19-4	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	3238	19-4	1124	Thu	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	19-4	1124	Thu	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3378	19-4	1525	Thu	V C4TY (x3) DE NSF5 (x2) //4783 sending different roundslip	CW	(JPL)
M89	4783	19-4	1525	Thu	V GP4L (x3) DE KMY1 (x2) //3378 sending different roundslip	CW	(JPL)
M89	3238	23-4	1817	Mon	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	23-4	1817	Mon	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3378	23-4	1818	Mon	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
M89	4620	23-4	1820	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6820 and 4860	CW	(JPL)
M89	4860	23-4	1820	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6820 and 4620	CW	(JPL)
M89	6840	23-4	1820	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 4620	CW	(JPL)
M89	4131	23-4	1825	Mon	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	4720	23-4	1830	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5150	23-4	1830	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	3238	24-4	1115	Tue	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	24-4	1115	Tue	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)



M89	3378	24-4	1117	Tue	V C4TY (x3) DE NSF5 (x2) //4783 roundslip being sent at different speed on each frequency.	CW	(JPL)
M89	4783	24-4	1117	Tue	V C4TY (x3) DE NSF5 (x2) //3378 roundslip being sent at different speed on each frequency.	CW	(JPL)
M89	6840	24-4	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //10640	CW	(JPL)
M89	10640	24-4	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	6877	24-4	1628	Tue	VVVV ABOL DE A8CK K ABOL (x3) DE A8CK (x2) K R K	CW	(JPL)
M89	10378	26-4	1012	Thu	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
M89	4870	26-4	1034	Thu	V M8JF (x3) DE RIS9 (x2)	CW	(JPL)
M89	6840	27-4	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //10640	CW	(JPL)
M89	10640	27-4	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	3238	27-4	1123	Fri	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	27-4	1123	Fri	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4783	27-4	1125	Fri	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
M89	3238	27-4	1814	Fri	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	27-4	1814	Fri	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3378	27-4	1816	Fri	V C4TY (x3) DE NSF5 (x2) //4783 Roundslip being sent at different speed on each frequency.	CW	(JPL)
M89	4783	27-4	1816	Fri	V C4TY (x3) DE NSF5 (x2) //3328 Roundslip being sent at different speed on each frequency.	CW	(JPL)
M89	3378	29-4	1107	Sun	V C4TY (x3) DE NSF5 (x2) //4783 Roundslip being sent at different speed on each frequency.	CW	(JPL)
M89	4783	29-4	1107	Sun	V C4TY (x3) DE NSF5 (x2) //3378 Roundslip being sent at different speed on each frequency.	CW	(JPL)
M89	3238	29-4	1109	Sun	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	29-4	1109	Sun	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	6840	29-4	1120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //10640	CW	(JPL)
M89	10640	29-4	1120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M95	5801	1-4	1915	Sun	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	3642	3-4	1845	Tue	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M95	7602	3-4	1845	Tue	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	10180	4-4	0906	Wed	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	8914	4-4	0949	Wed	i.p. T67 T67 == FIF == = 3TT 3TT DA TTA 7NT 7N3 3N4 3N4 ANT UNT N65 N65 ... VVV DE DE APV B D DE DE DE APV	CW	(JPL)
M95	3642	4-4	2323	Wed	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M95	7602	4-4	2323	Wed	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	3642	5-4	1326	Thu	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M95	7602	5-4	1326	Thu	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	3642	5-4	1712	Thu	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M95	7602	5-4	1712	Thu	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	10180	7-4	0824	Sat	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	3642	8-4	1753	Sun	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M95	7602	8-4	1753	Sun	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	10180	9-4	0647	Mon	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	5801	9-4	1116	Mon	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M95	10180	9-4	1116	Mon	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)

M95	4364	9-4	1136	Mon	V BNGC (x3) DE XSV85 (x2) HR 7G GA PSE CY NR 0327 CK 163 35 0409 1744 = TTN 3U6 3AN 3U7 TAU 773 ... //8073	CW	(JPL)
M95	8073	9-4	1136	Mon	V BNGC (x3) DE XSV85 (x2) HR 7G GA PSE CY NR 0327 CK 163 35 0409 1744 = TTN 3U6 3AN 3U7 TAU 773 ... //4364	CW	(JPL)
M95	4243	9-4	1147	Mon	VVV HR 7G TO YR PSE CY NR 053 CK 21 35 0409 1523 = 5TD UTT TTN 3U6 7TA ... //9054	CW	(JPL)
M95	9054	9-4	1147	Mon	VVV HR 7G TO YR PSE CY NR 053 CK 21 35 0409 1523 = 5TD UTT TTN 3U6 7TA ... //4243	CW	(JPL)
M95	3642	9-4	1752	Mon	V DKG6 (x3) DE 3A7D (x2) (IP - Cont'd) (// 7602) (Remote tuner China)] JPL MON	CW	(JPL)
M95	7602	9-4	1752	Mon	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	5801	10-4	1324	Tue	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M95	10180	10-4	1324	Tue	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M95	5801	12-4	1118	Thu	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M95	10180	12-4	1118	Thu	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M95	4364	12-4	1138	Thu	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0333 CK 228 35 0412 1600 TAU 3U6 3AN 3U7 TAU ... //8073	CW	(JPL)
M95	8073	12-4	1138	Thu	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0333 CK 228 35 0412 1600 TAU 3U6 3AN 3U7 TAU ... //4364	CW	(JPL)
M95	4243	12-4	1148	Thu	HR MSG TO YR PSE CY NR 059 CK 22 35 0412 1448 = 5TD UTT TAU 3U6 3A4 ... AR //9054	CW	(JPL)
M95	9054	12-4	1148	Thu	HR MSG TO YR PSE CY NR 059 CK 22 35 0412 1448 = 5TD UTT TAU 3U6 3A4 ... AR //4243	CW	(JPL)
M95	3642	12-4	2213	Thu	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M95	7602	12-4	2213	Thu	V DKG6 (x3) DE 3A7D (x2) //36422	CW	(JPL)
M95	5801	13-4	1125	Fri	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M95	10180	13-4	1125	Fri	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M95	4364	13-4	1137	Fri	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0335 CK 244 35 04A3 A EEEEEEE 3 = = TA3 3U6 3AN 3U7 TAU ... //8073	CW	(JPL)
M95	8073	13-4	1137	Fri	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0335 CK 244 35 04A3 A EEEEEEE 3 = = TA3 3U6 3AN 3U7 TAU ... //4364	CW	(JPL)
M95	4243	13-4	1147	Fri	VVV HR 7G TO YR PSE CY NR 061 CK 20 35 0413 1535 = 5TD UTT TA3 3U6 3A4 ... //9025	CW	(JPL)
M95	9054	13-4	1147	Fri	VVV HR 7G TO YR PSE CY NR 061 CK 20 35 0413 1535 = 5TD UTT TA3 3U6 3A4 ... //4243	CW	(JPL)
M95	3642	13-4	1459	Fri	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M95	7602	13-4	1459	Fri	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	5801	15-4	1118	Sun	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M95	10180	15-4	1118	Sun	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M95	4364	15-4	1129	Sun	BNGC DE XSV85 HR MSG GA PSE CY NR 0339 CK 202 35 0415 1703 = TA5 3U6 3AN 3U7 TAU ... //8073	CW	(JPL)
M95	8073	15-4	1129	Sun	BNGC DE XSV85 HR MSG GA PSE CY NR 0339 CK 202 35 0415 1703 = TA5 3U6 3AN 3U7 TAU ... //4364	CW	(JPL)
M95	4364	15-4	1137	Sun	V BNGC (x3) DE XSV85 (x2) //8073	CW	(JPL)
M95	8073	15-4	1137	Sun	V BNGC (x3) DE XSV85 (x2) //4364	CW	(JPL)
M95	4364	15-4	1138	Sun	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0347 CK 16. 35 0419 .554 = TAN 3U6 3AN 3U7 TAU ... //8073	CW	(JPL)

M95	8073	15-4	1138	Sun	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0347 CK 16. 35 0419 .554 = TAN 3U6 3AN 3U7 TAU ... //4364	CW	(JPL)
M95	4243	15-4	1147	Sun	VVV HR MSG TO YR PSE CY NR 065 CK 19 35 0415 1504 = = 5TD UTT TA5 3U6 3A4 ... //9054	CW	(JPL)
M95	9054	15-4	1147	Sun	VVV HR MSG TO YR PSE CY NR 065 CK 19 35 0415 1504 = = 5TD UTT TA5 3U6 3A4 ... //4243	CW	(JPL)
M95	3642	15-4	1907	Sun	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M95	7602	15-4	1907	Sun	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	4243	15-4	2338	Sun	VVV HR MSG TO YR PSE CY NR 030 CK 20 35 0416 0618 = UT5 TA6 3U4 3A4 TTA ... //9054	CW	(JPL)
M95	9054	15-4	2338	Sun	VVV HR MSG TO YR PSE CY NR 030 CK 20 35 0416 0618 = UT5 TA6 3U4 3A4 TTA ... //4243	CW	(JPL)
M95	5780	16-4	0027	Mon	i.p. 05 05 05 05 VV NLWM DE ZXO9 K. VVV YBCP DE ZXO9 K. NN NR DE ASPD QSA 2 K. QSA 2 ..VA	CW	(JPL)
M95	8889	16-4	0646	Mon	i.p. 05 05 05 = OHI1 OH GB BALRNM K QVUPRWY SNHB CIOTX ZO EEEEE	CW	(JPL)
M95	3642	16-4	2051	Mon	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M95	7602	16-4	2051	Mon	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	4243	17-4	1148	Tue	VV HR MSG TO YR PSE CY NR 069 CK 16 35 0417 1523 = 5TD UAT TA7 3U6 3A4 35U 4TN U74 ... //9054	CW	(JPL)
M95	9054	17-4	1148	Tue	VV HR MSG TO YR PSE CY NR 069 CK 16 35 0417 1523 = 5TD UAT TA7 3U6 3A4 35U 4TN U74 ... //4243	CW	(JPL)
M95	5801	17-4	1230	Tue	V DKG6 DE 3A7D VVV HR SVC GA NR 224 2030 RMKS 13290 TO ..70 = CL../Z/A979/1070 AR QSL? HR WK NR 150 //10180	CW	(JPL)
M95	10180	17-4	1230	Tue	V DKG6 DE 3A7D VVV HR SVC GA NR 224 2030 RMKS 13290 TO ..70 = CL../Z/A979/1070 AR QSL? HR WK NR 150 //5801	CW	(JPL)
M95	3642	18-4	1639	Wed	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M95	7602	18-4	1639	Wed	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	5801	19-4	1054	Thu	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M95	10180	19-4	1054	Thu	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M95	4243	19-4	1145	Thu	VVV HR 7G TO YR PSE CY NR 073 CK 17 35 0419 1503 = 5TD UTT TAN 3U6 3A4 ... //9054	CW	(JPL)
M95	9054	19-4	1145	Thu	VVV HR 7G TO YR PSE CY NR 073 CK 17 35 0419 1503 = 5TD UTT TAN 3U6 3A4 ... //4343	CW	(JPL)
M95	3642	19-4	1515	Thu	V DKG6 (x3) DE 3A7D (x2) //7602 (Remote tuner Siberia)] JPL THU	CW	(JPL)
M95	7642	19-4	1515	Thu	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	3642	23-4	1814	Mon	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M95	7602	23-4	1814	Mon	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	5801	24-4	1056	Tue	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M95	10180	24-4	1056	Tue	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M95	4243	24-4	1145	Tue	i.p. TT6 773 II = 3UN 354 N3D 35U AR ... A HR UP WK WK //9054	CW	(JPL)
M95	4364	24-4	1145	Tue	V BNGC (x3) DE XSV85 (x2) HR MSG GA HR MSG GA NR 0357 CK 252 35 0424 1616 = TU4 3U6 3AN 3U7 TAU ... //8073	CW	(JPL)
M95	8073	24-4	1145	Tue	V BNGC (x3) DE XSV85 (x2) HR MSG GA HR MSG GA NR 0357 CK 252 35 0424 1616 = TU4 3U6 3AN 3U7 TAU ... //4364	CW	(JPL)
M95	9054	24-4	1145	Tue	i.p. TT6 773 II = 3UN 354 N3D 35U AR ... A HR UP WK WK //4243	CW	(JPL)
M95	3642	24-4	1621	Tue	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M95	7602	24-4	1621	Tue	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)



<b>M95</b>	5556	24-4	1654	Tue	i.p. 05 05 05 05 = A4U3 U345 UD4 = A4U3 U345 UD47 4A66 D36 46DA A6TD 6D57 ... = 05 05 05	CW	(JPL)
<b>M95</b>	10180	26-4	0949	Thu	V DKG6 (x3) DE 3A7D (x2) NR 093/CCK 99 19 0427 0750 RMKS CQ = 605A 54N6 4NT6 U5A5 ...	CW	(JPL)
<b>M95</b>	4789	27-4	1129	Fri	i.p. NR ... /CCK CK ...27 3931241 RMKS ..694 21 698. 95 ...	CW	(JPL)
<b>M95</b>	4364	27-4	1138	Fri	V BNGC (x3) DE XSV85 (x2) A HR MSGS GA PSE CY NR 0363 CK 207 35 0427 1542 = TU7 3U5 3AN 3U7 TAU ... //8073	CW	(JPL)
<b>M95</b>	8073	27-4	1138	Fri	V BNGC (x3) DE XSV85 (x2) A HR MSGS GA PSE CY NR 0363 CK 207 35 0427 1542 = TU7 3U5 3AN 3U7 TAU ... //4364	CW	(JPL)
<b>M95</b>	4243	27-4	1149	Fri	HR 7G TO YR PSE CY NR 06 CK 43 49 0425 1600 = T64 UU5 N6U T66 D7U D6U ... A HR UP SB WK //9054	CW	(JPL)
<b>M95</b>	9054	27-4	1149	Fri	HR 7G TO YR PSE CY NR 06 CK 43 49 0425 1600 = T64 UU5 N6U T66 D7U D6U ... A HR UP SB WK //4243	CW	(JPL)
<b>M95</b>	3642	27-4	1811	Fri	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
<b>M95</b>	7602	27-4	1811	Fri	V DKG6 (x3) DE 3A7D (x2) //36422	CW	(JPL)
<b>M95</b>	3642	29-4	1054	Sun	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
<b>MX</b>	7726	3-4	0310	Tue	Beacon V	CW	(BW3-RUS)
<b>MX</b>	16332.2	4-4	0708	Wed	Beacon F	CW	(AB-CHN)
<b>MX</b>	16332.3	4-4	0708	Wed	Beacon K	CW	(AB-CHN)
<b>MX</b>	16332.4	4-4	0708	Wed	Beacon M	CW	(AB-CHN)
<b>MX</b>	13527.7	16-4	1516	Mon	Beacon D, Sevastopol	CW	(MPJ)
<b>MX</b>	13528	16-4	1517	Mon	Beacon C, Moscow	CW	(MPJ)
<b>MX</b>	13528.1	16-4	1518	Mon	Beacon A, Astrakhan/Baku	CW	(MPJ)
<b>P03a</b>	13873	1-4	1410	Sun	Polish Intel.	BPSK-63	(AB)
<b>P03a</b>	13873	1-4	1415	Sun	Polish Intel.	BPSK-63	(AB)
<b>P03a</b>	13575	1-4	1440	Sun	Polish Intel.	BPSK-63	(AB)
<b>P03a</b>	13575	1-4	1445	Sun	Polish Intel.	BPSK-63	(AB)
<b>P03a</b>	10302	1-4	1500	Sun	Polish Intel.	BPSK-63	(AB)
<b>P03a</b>	10302	1-4	1505	Sun	Polish Intel.	BPSK-63	(AB)
<b>P03a</b>	13873	2-4	1410	Mon	Polish Intel.	BPSK-63	(AB/FT)
<b>P03a</b>	13873	2-4	1415	Mon	Polish Intel.	BPSK-63	(AB/FT)
<b>P03a</b>	9902	2-4	1635	Mon	Polish Intel.	BPSK-63	(AB)
<b>P03a</b>	9902	2-4	1640	Mon	Polish Intel.	BPSK-63	(AB)
<b>P03a</b>	5946	3-4	1725	Tue	Polish Intel.	BPSK-63	(AB)
<b>P03a</b>	5946	3-4	1730	Tue	Polish Intel.	BPSK-63	(AB)
<b>P03a</b>	10728	4-4	1225	Wed	Polish Intel.	BPSK-63	(AB)
<b>P03a</b>	10728	4-4	1230	Wed	Polish Intel.	BPSK-63	(AB)
<b>P03a</b>	5779	4-4	1435	Wed	Polish Intel.	BPSK-63	(AB)
<b>P03a</b>	5779	4-4	1440	Wed	Polish Intel.	BPSK-63	(AB)
<b>P03a</b>	13575	6-4	1440	Fri	Polish Intel.	BPSK-63	(AB)
<b>P03a</b>	13575	6-4	1445	Fri	Polish Intel.	BPSK-63	(AB)
<b>P03a</b>	10302	6-4	1500	Fri	Polish Intel.	BPSK-63	(AB)

P03a	10302	6-4	1505	Fri	Polish Intel.	BPSK-63	(AB)
P03a	9902	6-4	1635	Fri	Polish Intel.	BPSK-63	(AB)
P03a	9902	6-4	1640	Fri	Polish Intel.	BPSK-63	(AB)
P03a	10728	7-4	1225	Sat	Polish Intel.	BPSK-63	(AB)
P03a	10728	7-4	1230	Sat	Polish Intel.	BPSK-63	(AB)
P03a	5779	7-4	1435	Sat	Polish Intel.	BPSK-63	(AB)
P03a	5779	7-4	1440	Sat	Polish Intel.	BPSK-63	(AB)
P03a	13873	7-4	1500	Sat	Polish Intel.	BPSK-63	(AB)
P03a	13873	7-4	1505	Sat	Polish Intel.	BPSK-63	(AB)
P03a	10302	8-4	1500	Sun	Polish Intel.	BPSK-63	(AB)
P03a	10302	8-4	1505	Sun	Polish Intel.	BPSK-63	(AB)
P03a	13873	9-4	1410	Mon	Polish Intel.	BPSK-63	(AB/MPJ)
P03a	13873	9-4	1415	Mon	Polish Intel.	BPSK-63	(AB)
P03a	9902	9-4	1635	Mon	Polish Intel.	BPSK-63	(AB)
P03a	9902	9-4	1640	Mon	Polish Intel.	BPSK-63	(AB)
P03a	5946	10-4	1725	Tue	Polish Intel.	BPSK-63	(AB)
P03a	5946	10-4	1730	Tue	Polish Intel.	BPSK-63	(AB)
P03a	10728	11-4	1225	Wed	Polish Intel.	BPSK-63	(AB)
P03a	10728	11-4	1230	Wed	Polish Intel.	BPSK-63	(AB)
P03a	5779	11-4	1435	Wed	Polish Intel.	BPSK-63	(AB)
P03a	5779	11-4	1440	Wed	Polish Intel.	BPSK-63	(AB)
P03a	13575	13-4	1440	Fri	Polish Intel.	BPSK-63	(AB)
P03a	13575	13-4	1445	Fri	Polish Intel.	BPSK-63	(AB)
P03a	10302	13-4	1500	Fri	Polish Intel.	BPSK-63	(AB)
P03a	10302	13-4	1505	Fri	Polish Intel.	BPSK-63	(AB)
P03a	9902	13-4	1635	Fri	Polish Intel.	BPSK-63	(AB)
P03a	9902	13-4	1640	Fri	Polish Intel.	BPSK-63	(AB)
P03a	5779	14-4	1435	Sat	Polish Intel.	BPSK-63	(AB)
P03a	5779	14-4	1440	Sat	Polish Intel.	BPSK-63	(AB)
P03a	10302	15-4	1500	Sun	Polish Intel.	BPSK-63	(AB)
P03a	10302	15-4	1505	Sun	Polish Intel.	BPSK-63	(AB)
P03a	5946	15-4	1725	Sun	Polish Intel.	BPSK-63	(AB)
P03a	5946	15-4	1730	Sun	Polish Intel.	BPSK-63	(AB)
P03a	13873	16-4	1410	Mon	Polish Intel.	BPSK-63	(AB)
P03a	13873	16-4	1415	Mon	Polish Intel.	BPSK-63	(AB)
P03a	9902	16-4	1635	Mon	Polish Intel.	BPSK-63	(AB)
P03a	9902	16-4	1640	Mon	Polish Intel.	BPSK-63	(AB)
P03a	5946	17-4	1725	Tue	Polish Intel.	BPSK-63	(AB)
P03a	5946	17-4	1730	Tue	Polish Intel.	BPSK-63	(AB)
P03a	13575	20-4	1440	Fri	Polish Intel.	BPSK-63	(AB)

P03a	13575	20-4	1445	Fri	Polish Intel.	BPSK-63	(AB)
P03a	10302	20-4	1500	Fri	Polish Intel.	BPSK-63	(AB)
P03a	10302	20-4	1505	Fri	Polish Intel.	BPSK-63	(AB)
P03a	9902	20-4	1635	Fri	Polish Intel.	BPSK-63	(AB)
P03a	9902	20-4	1640	Fri	Polish Intel.	BPSK-63	(AB)
P03a	10728	21-4	1225	Sat	Polish Intel.	BPSK-63	(AB)
P03a	10728	21-4	1230	Sat	Polish Intel.	BPSK-63	(AB)
P03a	5779	21-4	1435	Sat	Polish Intel.	BPSK-63	(AB)
P03a	5779	21-4	1440	Sat	Polish Intel.	BPSK-63	(AB)
P03a	10302	22-4	1500	Sun	Polish Intel.	BPSK-63	(AB)
P03a	10302	22-4	1505	Sun	Polish Intel.	BPSK-63	(AB)
P03a	5946	22-4	1725	Sun	Polish Intel.	BPSK-63	(AB)
P03a	5946	22-4	1730	Sun	Polish Intel.	BPSK-63	(AB)
P03a	13873	23-4	1410	Mon	Polish Intel.	BPSK-63	(AB)
P03a	13873	23-4	1415	Mon	Polish Intel.	BPSK-63	(AB)
P03a	9902	23-4	1635	Mon	Polish Intel.	BPSK-63	(AB)
P03a	9902	23-4	1640	Mon	Polish Intel.	BPSK-63	(AB)
P03a	5946	24-4	1725	Tue	Polish Intel.	BPSK-63	(AB)
P03a	5946	24-4	1730	Tue	Polish Intel.	BPSK-63	(AB)
P03a	5779	25-4	1435	Wed	Polish Intel.	BPSK-63	(AB)
P03a	5779	25-4	1440	Wed	Polish Intel.	BPSK-63	(AB)
P03a	10302	27-4	1500	Fri	Polish Intel.	BPSK-63	(AB)
P03a	10302	27-4	1505	Fri	Polish Intel.	BPSK-63	(AB)
P03a	10728	28-4	1225	Sat	Polish Intel.	BPSK-63	(AB)
P03a	10728	28-4	1230	Sat	Polish Intel.	BPSK-63	(AB)
P03a	5779	28-4	1435	Sat	Polish Intel.	BPSK-63	(AB)
P03a	5779	28-4	1440	Sat	Polish Intel.	BPSK-63	(AB)
P03a	10302	29-4	1500	Sun	Polish Intel.	BPSK-63	(AB)
P03a	10302	29-4	1505	Sun	Polish Intel.	BPSK-63	(AB)
P03a	5946	29-4	1725	Sun	Polish Intel.	BPSK-63	(AB)
P03a	5946	29-4	1730	Sun	Polish Intel.	BPSK-63	(AB)
P03a	9902	30-4	1635	Mon	Polish Intel.	BPSK-63	(AB)
P03a	9902	30-4	1640	Mon	Polish Intel.	BPSK-63	(AB)
P03b	11107	1-4	1120	Sun	Polish Intel.	QPSK-63	(AB)
P03b	11107	1-4	1125	Sun	Polish Intel.	QPSK-63	(AB)
P03b	11107	4-4	1120	Wed	Polish Intel.	QPSK-63	(AB)
P03b	11107	4-4	1125	Wed	Polish Intel.	QPSK-63	(AB)
P03b	4505	4-4	2035	Wed	Polish Intel.	QPSK-63	(AB)
P03b	4505	4-4	2040	Wed	Polish Intel.	QPSK-63	(AB)
P03b	11107	11-4	1120	Wed	Polish Intel.	QPSK-63	(AB)

P03b	11107	11-4	1125	Wed	Polish Intel.	QPSK-63	(AB)
P03b	4505	11-4	2035	Wed	Polish Intel.	QPSK-63	(AB)
P03b	4505	11-4	2040	Wed	Polish Intel.	QPSK-63	(AB)
P03b	4505	13-4	2035	Fri	Polish Intel.	QPSK-63	(AB)
P03b	4505	13-4	2040	Fri	Polish Intel.	QPSK-63	(AB)
P03b	11107	18-4	1120	Wed	Polish Intel.	QPSK-63	(AB)
P03b	11107	18-4	1125	Wed	Polish Intel.	QPSK-63	(AB)
P03b	4505	18-4	2035	Wed	Polish Intel.	QPSK-63	(AB)
P03b	4505	18-4	2040	Wed	Polish Intel.	QPSK-63	(AB)
P03b	4505	20-4	2035	Fri	Polish Intel.	QPSK-63	(AB)
P03b	4505	20-4	2040	Fri	Polish Intel.	QPSK-63	(AB)
P03b	11107	22-4	1120	Sun	Polish Intel.	QPSK-63	(AB)
P03b	11107	22-4	1125	Sun	Polish Intel.	QPSK-63	(AB)
P03b	4505	25-4	2035	Wed	Polish Intel.	QPSK-63	(AB)
P03b	4505	25-4	2040	Wed	Polish Intel.	QPSK-63	(AB)
P03b	4505	27-4	2035	Fri	Polish Intel.	QPSK-63	(AB)
P03b	4505	27-4	2040	Fri	Polish Intel.	QPSK-63	(AB)
P03b	11107	29-4	1120	Sun	Polish Intel.	QPSK-63	(AB)
P03b	11107	29-4	1125	Sun	Polish Intel.	QPSK-63	(AB)
Q26	4364	9-4	1131	Mon	Messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	9-4	1131	Mon	Messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	9-4	1141	Mon	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	9-4	1141	Mon	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	12-4	1131	Thu	Messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	12-4	1131	Thu	Messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	12-4	1143	Thu	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	12-4	1143	Thu	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	13-4	1131	Fri	Messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	13-4	1131	Fri	Messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	13-4	1141	Fri	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	13-4	1141	Fri	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	15-4	1131	Sun	Messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	15-4	1131	Sun	Messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	15-4	1141	Sun	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	15-4	1141	Sun	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	15-4	2341	Sun	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	15-4	2341	Sun	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	19-4	1136	Thu	Messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	19-4	1136	Thu	Messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	19-4	1141	Thu	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)

<b>Q26</b>	9054	19-4	1141	Thu	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4364	24-4	1131	Tue	Messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	8073	24-4	1131	Tue	Messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4364	27-4	1131	Fri	Messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	8073	27-4	1131	Fri	Messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4243	27-4	1141	Fri	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	9054	27-4	1141	Fri	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	18154	29-4	0430	Sun	XYXYXYXY 0103 7849 6446 0267 1323 5772 3568 9906 9680 0286 0005 1014 5485 0917 4317 ...	4+4 QPSK 75/3000 LSB	(EW)
<b>S06</b>	14721	3-4	1000	Tue	480 127 40 34507 52090 24544 ... 70217 45945 94752 127 40 00000	USB	(AB/MPJ/HFD)
<b>S06</b>	14721	3-4	1000	Tue	480 127 40 34507	USB	(HFD)
<b>S06</b>	13389	3-4	1030	Tue	480 127 40 34507 52090 24544 ... 70217 45945 94752 127 40 00000	USB	(AB/MPJ/HFD)
<b>S06</b>	11073	3-4	1700	Tue	480 127 40 34507 52090 24544 ... 70217 45945 94752 127 40 00000	USB	(AB/MPJ/HFD)
<b>S06</b>	9412	3-4	1730	Tue	480 127 40 34507 52090 24544 ... 70217 45945 94752 127 40 00000	USB	(AB/MPJ/HFD)
<b>S06</b>	19078	5-4	0830	Thu	842 169 45 81431 13694 74741 ... 56096 81378 22032 169 45 00000	USB	(AB-CHN)
<b>S06</b>	9047	6-4	1900	Fri	483 483 483 00000	USB	(MPJ/HFD)
<b>S06</b>	6769	6-4	2000	Fri	483 483 483 00000	USB	(AB/HFD)
<b>S06</b>	4486	7-4	1900	Sat	263 263 263 00000	USB	(HFD)
<b>S06</b>	3815	7-4	2000	Sat	263 263 263 00000	USB	(AB/HFD)
<b>S06</b>	14721	8-4	1000	Sun	480 365 42 70589 82923 26824 ... 71952 26964 64582 365 42 00000	USB	(AB)
<b>S06</b>	13389	8-4	1030	Sun	480 365 42 70589 82923 26824 ... 71952 26964 64582 365 42 00000	USB	(AB)
<b>S06</b>	11073	8-4	1700	Sun	480 365 42 70589 82923 26824 ... 71952 26964 64582 365 42 00000	USB	(AB/MPJ)
<b>S06</b>	9412	8-4	1730	Sun	480 365 42 70589 82923 26824 ... 71952 26964 64582 365 42 00000	USB	(AB/MPJ)
<b>S06</b>	13389	10-4	1030	Tue	480 721 40 02603 75046 63126 ... 03133 92306 43904 721 40 00000	USB	(AB/MPJ)
<b>S06</b>	11073	10-4	1700	Tue	480 721 40 02603 75046 63126 ... 03133 92306 43904 721 40 00000	USB	(MPJ)
<b>S06</b>	9412	10-4	1730	Tue	480 721 40 02603 75046 63126 ... 03133 92306 43904 721 40 00000	USB	(AB/MPJ)
<b>S06</b>	9047	20-4	1900	Fri	483 483 483 00000	USB	(AB/MPJ/RL)
<b>S06</b>	6769	20-4	2000	Fri	483 483 483 00000	USB	(AB)
<b>S06</b>	4491	21-4	1900	Sat	263 263 263 00000	USB	(AB)
<b>S06</b>	3815	21-4	2000	Sat	263 263 263 00000	USB	(AB)
<b>S06</b>	9123	24-4	2130	Tue	726 193 45 53530 26797 30054 ... 52218 20421 47081 193 45 00000	USB	(qsr711)
<b>S06</b>	5918	25-4	2230	Wed	726 193 45 53530 26797 30054 ... 52218 20421 47081 193 45 00000	USB	(qsr711)
<b>S06</b>	19078	26-4	0830	Thu	842 567 48 01288 26019 31633 48129 90932 22491 72723 34636 65763 93196 ...	USB	(AB-CHN)
<b>S06</b>	16318	26-4	0930	Thu	842 567 48 01288 26019 31633 48129 90932 22491 72723 34636 65763 93196 ...	USB	(AB-KOR)
<b>S06s</b>	9220	2-4	0830	Mon	371 580 6 30244 36012 38323 47662 43630 40846 580 6 00000	USB	(AB/FT)
<b>S06s</b>	8270	2-4	0840	Mon	371 580 6 30244 36012 38323 47662 43630 40846 580 6 00000	USB	(AB/FT)
<b>S06s</b>	14580	2-4	0900	Mon	872 513 6 36861 33432 89319 32494 37142 32842 513 6 00000	USB	(AB-UKR)
<b>S06s</b>	13165	2-4	0910	Mon	872 513 6 36861 33432 89319 32494 37142 32842 513 6 00000	USB	(AB-UKR/FT)
<b>S06s</b>	9145	2-4	1200	Mon	831 945 6 33760 46632 30233 36973 38084 38836 945 6 00000. Audio problems	USB	(AB/MPJ-I)
<b>S06s</b>	11460	2-4	1210	Mon	831 945 6 33760 46632 30233 36973 38084 38836 945 6 00000	USB	(AB/MPJ-I)
<b>S06s</b>	15855	3-4	0600	Tue	438 926 5 53545 30989 41691 43753 32543 926 5 00000	USB	(AB-UKR)

S06s	16485	3-4	0610	Tue	438 926 5 53545 30989 41691 43753 32543 926 5 00000	USB	(AB-UKR)
S06s	5760	3-4	0700	Tue	374 208 5 37532 34023 33490 41152 34559 208 5 00000	USB	(AB)
S06s	6930	3-4	0715	Tue	374 208 5 37532 34023 33490 41152 34559 208 5 00000	USB	(AB)
S06s	7425	3-4	0730	Tue	427 905 6 93352 42191 30821 33725 37661 30885 905 6 00000	USB	(AB)
S06s	11560	3-4	0740	Tue	427 905 6 93352 42191 30821 33725 37661 30885 905 6 00000	USB	(AB)
S06s	11635	3-4	0800	Tue	352 904 6 80454 42729 32175 48654 89864 48446 904 6 00000	USB	(AB)
S06s	10420	3-4	0810	Tue	352 904 6 80454 42729 32175 48654 89864 48446 904 6 00000	USB	(AB)
S06s	6410	3-4	1000	Tue	893 450 6 92949 46195 32087 84535 38618 31514 450 6 00000	USB	(AB/MPJ)
S06s	7340	3-4	1010	Tue	893 450 6 92949 46195 32087 84535 38618 31514 450 6 00000	USB	(AB/MPJ)
S06s	6190	3-4	1100	Tue	754 921 6 43834 33625 36147 43625 49461 85371 921 6 00000	USB	(AB/MPJ)
S06s	7230	3-4	1110	Tue	754 921 6 43834 33625 36147 43625 49461 85371 921 6 00000	USB	(AB/MPJ)
S06s	6464	3-4	1500	Tue	537 804 6 83456 37393 93068 41916 39294 47993 804 6 00000	USB	(AB-AUT/MPJ)
S06s	7242	3-4	1510	Tue	537 804 6 83456 37393 93068 41916 39294 47993 804 6 00000	USB	(AB-AUT/MPJ)
S06s	8630	4-4	0820	Wed	471 932 5 37391 37446 86525 89303 33244 932 5 00000	USB	(AB)
S06s	9082	4-4	0830	Wed	464 903 5 34888 33661 34031 33430 37536 903 5 00000	USB	(AB)
S06s	9255	4-4	0830	Wed	471 932 5 37391 37446 86525 89303 33244 932 5 00000	USB	(AB)
S06s	11530	4-4	0830	Wed	745 238 6 46062 68672 97478 39685 30485 96632 238 6 00000	USB	(AB)
S06s	9952	4-4	0840	Wed	464 903 5 34888 33661 34031 33430 37536 903 5 00000	USB	(AB)
S06s	12140	4-4	0840	Wed	745 238 6 46062 68672 97478 39685 30485 96632 238 6 00000	USB	(AB)
S06s	13365	4-4	1000	Wed	729 841 5 88620 58069 61732 74537 57440 841 5 00000	USB	(AB/Ghn/MPJ)
S06s	14505	4-4	1010	Wed	729 841 5 88620 58069 61732 74537 57440 841 5 00000	USB	(AB/MPJ)
S06s	9081	5-4	0930	Thu	314 926 5 31059 29043 16091 04066 25038 926 5 00000	USB	(AB)
S06s	10514	5-4	0940	Thu	314 926 5 31059 29043 16091 04066 25038 926 5 00000	USB	(AB)
S06s	12415	5-4	1200	Thu	425 963 7 09046 11043 16096 55788 31486 57325 44868 963 7 00000	USB	(MPJ)
S06s	14212	5-4	1210	Thu	425 963 7 09046 11043 16096 55788 31486 57325 44868 963 7 00000	USB	(MPJ)
S06s	5744	6-4	0900	Fri	624 891 5 63528 92016 83426 74529 04538 891 5 00000	USB	(AB)
S06s	6524	6-4	0910	Fri	624 891 5 63528 92016 83426 74529 04538 891 5 00000	USB	(AB)
S06s	12140	6-4	0930	Fri	516 439 7 63012 63426 93524 74536 94638 83046 63428 439 7 00000	USB	(AB)
S06s	13515	6-4	0940	Fri	516 439 7 63012 63426 93524 74536 94638 83046 63428 439 7 00000	USB	(AB)
S06s	10350	7-4	0800	Sat	254 930 6 15009 34140 78386 91497 82963 24162 930 6 00000	USB	(AB)
S06s	8520	7-4	0810	Sat	254 930 6 15009 34140 78386 91497 82963 24162 930 6 00000	USB	(AB)
S06s	9220	9-4	0830	Mon	371 580 6 30244 36012 38323 47662 43630 40846 580 6 00000	USB	(AB)
S06s	8270	9-4	0840	Mon	371 580 6 30244 36012 38323 47662 43630 40846 580 6 00000	USB	(AB)
S06s	14580	9-4	0900	Mon	872 513 6 36861 33432 89319 32494 37142 32842 513 6 00000	USB	(AB-UKR/MPJ)
S06s	13165	9-4	0910	Mon	872 513 6 36861 33432 89319 32494 37142 32842 513 6 00000	USB	(AB/MPJ)
S06s	9145	9-4	1200	Mon	831 945 6 33760 46632 30233 36973 38084 38836 945 6 00000	USB	(AB)
S06s	11460	9-4	1210	Mon	831 945 6 33760 46632 30233 36973 38084 38836 945 6 00000	USB	(AB/MPJ)
S06s	5760	10-4	0700	Tue	374 208 5 37532 34023 33490 41152 34559 208 5 00000	USB	(AB)
S06s	6930	10-4	0715	Tue	374 208 5 37532 34023 33490 41152 34559 208 5 00000	USB	(AB)
S06s	7425	10-4	0730	Tue	427 905 6 93352 42191 30821 33725 37661 30885 905 6 00000	USB	(AB)



S06s	11560	10-4	0740	Tue	427 905 6 93352 42191 30821 33725 37661 30885 905 6 00000	USB	(AB)
S06s	6410	10-4	1000	Tue	893 450 6 92949 46195 32087 84535 38618 31514 450 6 00000	USB	(AB/MPJ)
S06s	7340	10-4	1010	Tue	893 450 6 92949 46195 32087 84535 38618 31514 450 6 00000	USB	(AB/MPJ)
S06s	6190	10-4	1100	Tue	754 921 6 43834 33625 36147 43625 49461 85371 921 6 00000	USB	(AB/MPJ-AUT)
S06s	7230	10-4	1110	Tue	754 921 6 43834 33625 36147 43625 49461 85371 921 6 00000	USB	(AB/MPJ-AUT)
S06s	8630	11-4	0820	Wed	471 932 5 37391 37446 86525 89303 33244 932 5 00000	USB	(AB)
S06s	9082	11-4	0830	Wed	464 903 5 34888 33661 34031 33430 37536 903 5 00000	USB	(AB)
S06s	9255	11-4	0830	Wed	471 932 5 37391 37446 86525 89303 33244 932 5 00000	USB	(AB)
S06s	11530	11-4	0830	Wed	745 238 6 46062 68672 97478 39685 30485 96632 238 6 00000	USB	(AB)
S06s	9952	11-4	0840	Wed	464 903 5 34888 33661 34031 33430 37536 903 5 00000	USB	(AB)
S06s	12140	11-4	0840	Wed	745 238 6 46062 68672 97478 39685 30485 96632 238 6 00000	USB	(AB)
S06s	13365	11-4	1000	Wed	729 841 5 88620 58069 61732 74537 57440 841 5 00000	USB	(AB)
S06s	14505	11-4	1010	Wed	729 841 5 88620 58069 61732 74537 57440 841 5 00000	USB	(AB)
S06s	9081	12-4	0930	Thu	314 926 5 31059 29043 16091 04066 25038 926 5 00000	USB	(AB)
S06s	10514	12-4	0940	Thu	314 926 5 31059 29043 16091 04066 25038 926 5 00000	USB	(AB)
S06s	12415	12-4	1200	Thu	425 963 7 09046 11043 16096 55788 31486 57325 44868 963 7 00000	USB	(AB/MPJ)
S06s	14212	12-4	1210	Thu	425 963 7 09046 11043 16096 55788 31486 57325 44868 963 7 00000	USB	(AB/MPJ)
S06s	5744	13-4	0900	Fri	624 891 5 63528 92016 83426 74529 04538 891 5 00000	USB	(AB)
S06s	6524	13-4	0910	Fri	624 891 5 63528 92016 83426 74529 04538 891 5 00000	USB	(AB)
S06s	12140	13-4	0930	Fri	516 439 7 63012 63426 93524 74536 94638 83046 63428 439 7 00000	USB	(AB)
S06s	13515	13-4	0940	Fri	516 439 7 63012 63426 93524 74536 94638 83046 63428 439 7 00000	USB	(AB)
S06s	9220	16-4	0830	Mon	371 840 5 44475 30322 36034 45445 44008 840 5 00000	USB	(AB/RL)
S06s	8270	16-4	0840	Mon	371 840 5 44475 30322 36034 45445 44008 840 5 00000	USB	(AB)
S06s	14580	16-4	0900	Mon	872 935 6 35861 33432 89319 323494 37142 32842 935 6 00000	USB	(AnEur)
S06s	13165	16-4	0910	Mon	872 935 6 35861 33432 89319 323494 37142 32842 935 6 00000	USB	(AnEur)
S06s	9145	16-4	1200	Mon	831 294 5 44477 30322 36034 45445 44008 294 5 00000	USB	(AB/MPJ)
S06s	11460	16-4	1210	Mon	831 294 5 44477 30322 36034 45445 44008 294 5 00000	USB	(AB/MPJ)
S06s	15855	17-4	0600	Tue	438 217 5 40639 33180 48007 37230 46446 217 5 00000	USB	(AB-UKR)
S06s	5760	17-4	0700	Tue	374 206 5 36914 46467 36973 37967 42149 206 5 00000	USB	(AB)
S06s	6930	17-4	0715	Tue	374 206 5 36914 46467 36973 37967 42149 206 5 00000	USB	(AB)
S06s	7425	17-4	0730	Tue	427 503 6 34031 37016 44834 81384 04278 60424 503 6 00000	USB	(AB)
S06s	11560	17-4	0740	Tue	427 503 6 34031 37016 44834 81384 04278 60424 503 6 00000	USB	(AB)
S06s	11635	17-4	0800	Tue	352 408 6 02463 33445 84163 89164 76987 38953 408 6 00000	USB	(AB)
S06s	10420	17-4	0810	Tue	352 408 6 02463 33445 84163 89164 76987 38953 408 6 00000	USB	(AB)
S06s	6410	17-4	1000	Tue	893 470 5 42223 20147 40494 42013 82042 470 5 00000	USB	(AB-POL)
S06s	7340	17-4	1010	Tue	893 470 5 42223 20147 40494 42013 82042 470 5 00000	USB	(AB-POL)
S06s	6190	17-4	1100	Tue	754 832 6 22688 29998 20667 35947 82954 30663 832 6 00000	USB	(AB-POL/MPJ-AUT)
S06s	7230	17-4	1110	Tue	754 832 6 22688 29998 20667 35947 82954 30663 832 6 00000	USB	(AB-AUT/MPJ-AUT)
S06s	6464	17-4	1500	Tue	537 862 9 44475 30322 36034 45445 44008 38453 48324 22885 21820 862 9 00000	USB	(AB/MPJ)
S06s	7242	17-4	1510	Tue	537 862 9 44475 30322 36034 45445 44008 38453 48324 22885 21820 862 9 00000	USB	(AB/MPJ)

S06s	8630	18-4	0820	Wed	471 593 6 07022 32734 34771 48591 47281 41127 593 6 00000	USB	(AB)
S06s	9082	18-4	0830	Wed	464 897 5 73687 04565 39895 91670 29257 897 5 00000	USB	(AB)
S06s	9255	18-4	0830	Wed	471 593 6 07022 32734 34771 48591 47281 41127 593 6 00000	USB	(AB)
S06s	11530	18-4	0830	Wed	745 820 6 11169 03439 43548 19152 34063 36924 820 6 0000	USB	(AB)
S06s	9952	18-4	0840	Wed	464 897 5 73687 04565 39895 91670 29257 897 5 00000	USB	(AB)
S06s	12140	18-4	0840	Wed	745 820 6 11169 03439 43548 19152 34063 36924 820 6 0000	USB	(AB)
S06s	13365	18-4	1000	Wed	729 840 5 08631 58062 36270 08982 92738 840 5 00000	USB	(AB)
S06s	14505	18-4	1010	Wed	729 840 5 08631 58062 36270 08982 92738 840 5 00000	USB	(AB/MPJ)
S06s	9081	19-4	0930	Thu	314 960 5 19804 96845 22444 08374 98662 960 5 00000	USB	(AB)
S06s	10514	19-4	0940	Thu	314 960 5 19804 96845 22444 08374 98662 960 5 00000	USB	(AB)
S06s	12415	19-4	1200	Thu	425 830 6 88620 58069 61732 74537 57440 10597 830 6 00000	USB	(AB/MPJ)
S06s	14212	19-4	1210	Thu	425 830 6 88620 58069 61732 74537 57440 10597 830 6 00000	USB	(AB/MPJ)
S06s	5744	20-4	0900	Fri	624 953 7 45326 67545 13218 79745 09674 35105 44921 953 7 00000	USB	(AB)
S06s	6524	20-4	0910	Fri	624 953 7 45326 67545 13218 79745 09674 35105 44921 953 7 00000	USB	(AB)
S06s	12140	20-4	0930	Fri	516 270 8 52401 63919 92699 14600 74248 95632 14326 46521 270 8 00000	USB	(AB)
S06s	13515	20-4	0940	Fri	516 270 8 52401 63919 92699 14600 74248 95632 14326 46521 270 8 00000	USB	(AB)
S06s	9220	23-4	0830	Mon	371 840 5 44475 30322 36034 45445 44008 840 5 00000	USB	(AB)
S06s	8270	23-4	0840	Mon	371 840 5 44475 30322 36034 45445 44008 840 5 00000	USB	(AB)
S06s	14580	23-4	0900	Mon	872 935 6 35861 33432 89319 323494 37142 32842 935 6 00000	USB	(AB)
S06s	13165	23-4	0910	Mon	872 935 6 35861 33432 89319 323494 37142 32842 935 6 00000	USB	(AB)
S06s	9145	23-4	1200	Mon	831 294 5 44477 30322 36034 45445 44008 294 5 00000	USB	(AB/MPJ)
S06s	11460	23-4	1210	Mon	831 294 5 44477 30322 36034 45445 44008 294 5 00000	USB	(AB/MPJ)
S06s	5760	24-4	0700	Tue	374 206 5 36914 46467 36973 37967 42149 206 5 00000	USB	(AB)
S06s	6930	24-4	0715	Tue	374 206 5 36914 46467 36973 37967 42149 206 5 00000	USB	(AB)
S06s	7425	24-4	0730	Tue	427 503 6 34031 37016 44834 81384 04278 60424 503 6 00000	USB	(AB)
S06s	11560	24-4	0740	Tue	427 503 6 34031 37016 44834 81384 04278 60424 503 6 00000	USB	(AB)
S06s	11635	24-4	0800	Tue	352 408 6 02463 33445 84163 89164 76987 38953 408 6 00000	USB	(AB)
S06s	10420	24-4	0810	Tue	352 408 6 02463 33445 84163 89164 76987 38953 408 6 00000	USB	(AB)
S06s	6190	24-4	1100	Tue	754 832 6 22688 29998 20667 35947 82954 30663 832 6 00000	USB	(MPJ-I)
S06s	7230	24-4	1110	Tue	754 832 6 22688 29998 20667 35947 82954 30663 832 6 00000	USB	(MPJ-I)
S06s	8630	25-4	0820	Wed	471 593 6 07022 32734 34771 48591 47281 41127 593 6 00000	USB	(AB)
S06s	9082	25-4	0830	Wed	464 897 5 73687 04565 39895 91670 29257 897 5 00000	USB	(AB)
S06s	9255	25-4	0830	Wed	471 593 6 07022 32734 34771 48591 47281 41127 593 6 00000	USB	(AB)
S06s	11530	25-4	0830	Wed	745 820 6 11169 03439 43548 19152 34063 36924 820 6 0000	USB	(AB)
S06s	9952	25-4	0840	Wed	464 897 5 73687 04565 39895 91670 29257 897 5 00000	USB	(AB)
S06s	12140	25-4	0840	Wed	745 820 6 11169 03439 43548 19152 34063 36924 820 6 0000	USB	(AB)
S06s	13365	25-4	1000	Wed	729 840 5 08631 58062 36270 08982 92738 840 5 00000	USB	(AB)
S06s	14505	25-4	1010	Wed	729 840 5 08631 58062 36270 08982 92738 840 5 00000	USB	(AB)
S06s	9081	26-4	0930	Thu	314 960 5 19804 96845 22444 08374 98662 960 5 00000	USB	(AB)
S06s	10514	26-4	0940	Thu	314 960 5 19804 96845 22444 08374 98662 960 5 00000	USB	(AB)



<b>S06s</b>	12415	26-4	1200	Thu	425 830 6 88620 58069 61732 74537 57440 10597 830 6 00000	USB	(AB/MPJ)
<b>S06s</b>	14212	26-4	1210	Thu	425 830 6 88620 58069 61732 74537 57440 10597 830 6 00000	USB	(AB/MPJ)
<b>S06s</b>	5744	27-4	0900	Fri	624 953 7 45326 67545 13218 79745 09674 35105 44921 953 7 00000	USB	(AB)
<b>S06s</b>	6524	27-4	0910	Fri	624 953 7 45326 67545 13218 79745 09674 35105 44921 953 7 00000	USB	(AB)
<b>S06s</b>	12140	27-4	0930	Fri	516 270 8 52401 63919 92699 14600 74248 95632 14326 46521 270 8 00000	USB	(AB)
<b>S06s</b>	13515	27-4	0940	Fri	516 270 8 52401 63919 92699 14600 74248 95632 14326 46521 270 8 00000	USB	(AB)
<b>S06s</b>	9220	30-4	0830	Mon	371 371 371 00000	USB	(AB)
<b>S06s</b>	8270	30-4	0840	Mon	371 371 371 00000	USB	(AB)
<b>S06s</b>	14580	30-4	0900	Mon	872 872 872 00000	USB	(AB)
<b>S06s</b>	13165	30-4	0910	Mon	872 872 872 00000	USB	(AB)
<b>S06s</b>	9145	30-4	1200	Mon	831 831 831 00000	USB	(AB/MPJ)
<b>S06s</b>	11460	30-4	1210	Mon	831 831 831 00000	USB	(AB/MPJ)
<b>S11a</b>	5344	1-4	2050	Sun	482/00	USB	(AB)
<b>S11a</b>	5358	3-4	0455	Tue	328/00	USB	(AB)
<b>S11a</b>	13537	3-4	0735	Tue	389/40 Vnmaniye 15208 85718 65993 ... 48025 91765 79022 Vnmaniye (message repeated) Konets	USB	(AB)
<b>S11a</b>	9960	3-4	1020	Tue	426/34 Vnmaniye 72364 08539 13228 ... 80048 37730 41501 Vnmaniye (message repeated) Out	USB	(AB)
<b>S11a</b>	10800	4-4	1540	Wed	560/00	USB	(AB/MPJ)
<b>S11a</b>	10213	4-4	1850	Wed	287/00	USB	(MPJ)
<b>S11a</b>	13537	5-4	0735	Thu	389/40 Vnmaniye 15208 85718 65993 ... 48025 91765 79022 Vnmaniye (message repeated) Konets	USB	(AB)
<b>S11a</b>	5358	6-4	0455	Fri	321/00	USB	(AB)
<b>S11a</b>	9960	6-4	1020	Fri	426/34 Vnmaniye 72364 08539 13228 ... 80048 37730 41501 Vnmaniye (message repeated) Out	USB	(AB/MPJ)
<b>S11a</b>	4016	6-4	1955	Fri	379/00	USB	(AB)
<b>S11a</b>	10800	7-4	1540	Sat	569/00	USB	(AB/MPJ)
<b>S11a</b>	10213	7-4	1850	Sat	288/00	USB	(BW3-POL)
<b>S11a</b>	5344	8-4	2050	Sun	482/34 Vnmaniye 70618 64501 73720 ... 43829 17075 24586 Vnmaniye (message repeated) Konets	USB	(AB/HS)
<b>S11a</b>	5358	10-4	0455	Tue	328/00	USB	(AB)
<b>S11a</b>	9960	10-4	1020	Tue	427/00	USB	(AB/MPJ)
<b>S11a</b>	10800	11-4	1540	Wed	561/00	USB	(MPJ)
<b>S11a</b>	10213	11-4	1850	Wed	285/00	USB	(AB/MPJ)
<b>S11a</b>	4016	11-4	1955	Wed	370/00	USB	(AB)
<b>S11a</b>	5344	11-4	2050	Wed	481/00	USB	(AB)
<b>S11a</b>	13537	12-4	0735	Thu	387/00	USB	(AB-AUT)
<b>S11a</b>	5358	13-4	0455	Fri	321/00	USB	(AB)
<b>S11a</b>	9960	13-4	1020	Fri	426/00	USB	(AB/MPJ)
<b>S11a</b>	4016	13-4	1955	Fri	377/00	USB	(AB/RL)
<b>S11a</b>	10800	14-4	1540	Sat	566/00	USB	(AB/MPJ)
<b>S11a</b>	10213	14-4	1850	Sat	282/00	USB	(AB/RL/MPJ)

<b>S11a</b>	5344	15-4	2050	Sun	487/00	USB	(AB/RL)
<b>S11a</b>	5358	17-4	0455	Tue	322/40 Vnimanije 44391 50798 53200 ... 54140 34334 71186 Vnimanije (message repeated) Konets	USB	(AB)
<b>S11a</b>	13537	17-4	0735	Tue	385/00	USB	(AB-AUT)
<b>S11a</b>	9960	17-4	1020	Tue	421/00	USB	(AB)
<b>S11a</b>	10800	18-4	1540	Wed	569/40 Vnimanije 97847 10440 43983 ... 86123 90664 50222	USB	(AB/MPJ)
<b>S11a</b>	10213	18-4	1850	Wed	285/00	USB	(AB/MPJ/RL)
<b>S11a</b>	4016	18-4	1955	Wed	379/39 Vnimanije 78186 33638 54511 ... 46260 73691 73155 Vnimanije (message repeated) Konets	USB	(AB)
<b>S11a</b>	5344	18-4	2050	Wed	484/00	USB	(AB)
<b>S11a</b>	13537	19-4	0735	Thu	387/00	USB	(AB)
<b>S11a</b>	5358	20-4	0455	Fri	322/40 Vnimanije 44391 50798 53200 ... 54140 34334 71186 Vnimanije (message repeated) Konets	USB	(AB)
<b>S11a</b>	9960	20-4	1020	Fri	420/00	USB	(AB)
<b>S11a</b>	4016	20-4	1955	Fri	379/39 Vnimanije 78186 33638 54511 ... 46260 73691 73155 Vnimanije (message repeated) Konets	USB	(AB)
<b>S11a</b>	10800	21-4	1540	Sat	569/40 Vnimanije 97847 10440 43983 ... 86123 90664 50222	USB	(MPJ)
<b>S11a</b>	10213	21-4	1850	Sat	285/00	USB	(AB)
<b>S11a</b>	5344	22-4	2050	Sun	482/00	USB	(AB/RL)
<b>S11a</b>	5358	24-4	0455	Tue	329/00	USB	(AB)
<b>S11a</b>	9960	24-4	1020	Tue	429/00	USB	(AB)
<b>S11a</b>	10800	25-4	1540	Wed	563/00	USB	(AB/GHn/MPJ)
<b>S11a</b>	10213	25-4	1850	Wed	285/39 Vnimanije 96551 39401 60351 ... 93304 24692 58261 Vnimanije (message repeated) Konets	USB	(AB/MPJ)
<b>S11a</b>	4016	25-4	1955	Wed	373/00	USB	(AB)
<b>S11a</b>	5344	25-4	2050	Wed	486/00	USB	(AB)
<b>S11a</b>	13537	26-4	0735	Thu	387/00	USB	(AB)
<b>S11a</b>	9960	27-4	1020	Fri	425/00	USB	(AB/RL)
<b>S11a</b>	4016	27-4	1955	Fri	372/00	USB	(AB/RL)
<b>S11a</b>	10800	28-4	1540	Sat	569/00	USB	(AB/MPJ/GHn)
<b>S11a</b>	10213	28-4	1850	Sat	285/39 Vnimanije 96551 39401 60351 ... 93304 24692 58261 Vnimanije (message repeated) Konets	USB	(AB)
<b>S11a</b>	5344	29-4	2050	Sun	484/00	USB	(AB)
<b>S11a</b>	11493	30-4	1015	Mon	473/00	USB	(GHn)
<b>S28</b>	4625	8-4	0320	Sun	Buzzer channel marker	USB	(Dan)
<b>UM03</b>	8250	4-4	0919	Wed	i.p. AR 05 05 CK 100 CK 100 TIME 1621 TIME 1621 DATE 0404 DATE 0404 = T6734 73NT6 5T3A7 ... //8410 kHz	CW	(JPL-CHN)
<b>UM03</b>	8410	4-4	0919	Wed	i.p. AR 05 05 CK 100 CK 100 TIME 1621 TIME 1621 DATE 0404 DATE 0404 = T6734 73NT6 5T3A7 ... //8250 kHz	CW	(JPL-CHN)
<b>UM10</b>	3326	1-4	1927	Sun	10-minutes net: U34D //4112 kHz	CW	(JPL-CHN)

UM10	4112	1-4	1927	Sun	10-minutes net: U34D //3326 kHz	CW	(JPL-CHN)
UM10	3280	3-4	1853	Tue	10-minutes net: HUU4 //3780 kHz	CW	(JPL-CHN)
UM10	3780	3-4	1853	Tue	10-minutes net: HUU4 //3280 kHz	CW	(JPL-CHN)
UM10	3525	3-4	1905	Tue	10-minutes net: QK4S //4310 kHz	CW	(JPL-CHN)
UM10	4310	3-4	1905	Tue	10-minutes net: QK4S //3525 kHz	CW	(JPL-CHN)
UM10	3525	5-4	1729	Thu	10-minutes net: QK4S //4310 kHz	CW	(JPL-CHN)
UM10	4310	5-4	1729	Thu	10-minutes net: QK4S //3525 kHz	CW	(JPL-CHN)
UM10	3280	9-4	1747	Mon	10-minutes net: HUU4	CW	(JPL-CHN)
UM10	3525	9-4	1747	Mon	10-minutes net: QK4S //4310 kHz	CW	(JPL-CHN)
UM10	4310	9-4	1747	Mon	10-minutes net: QK4S //3525 kHz	CW	(JPL-CHN)
UM10	4310	13-4	1132	Fri	10-minutes net: QK4S	CW	(JPL-J)
UM10	5755	16-4	0623	Mon	10-minutes net: NTQN (new callsign)	CW	(JPL-CHN)
UM10	3525	18-4	1656	Wed	10-minutes net: QK4S //4310 kHz	CW	(JPL-Sib)
UM10	4310	18-4	1656	Wed	10-minutes net: QK4S //3525 kHz	CW	(JPL-Sib)
UM10	3525	23-4	1825	Mon	10-minutes net: QK4S //4310 kHz	CW	(JPL-CHN)
UM10	4310	23-4	1825	Mon	10-minutes net: QK4S //3525 kHz	CW	(JPL-CHN)
UM10	5755	26-4	1020	Thu	10-minutes net: NTQN	CW	(JPL-CHN)
V07	14482	15-4	0500	Sun	435 435 435 000	USB	(Dan)
V07	13382	15-4	0520	Sun	435 435 435 000	USB	(Dan)
V07	14482	22-4	0500	Sun	435 435 435 1 179 65 12622 76679 70891 ... 40660 79651 03158 000 000	USB	(Dan)
V07	13382	22-4	0520	Sun	435 435 435 1 179 65 12622 76679 70891 ... 40660 79651 03158 000 000	USB	(Dan/Rizla)
V07	11582	22-4	0540	Sun	435 435 435 1 179 65 12622 76679 70891 ... 40660 79651 03158 000 000	USB	(Dan/Rizla/Token)
V07	14482	29-4	0500	Sun	435 435 435 000	USB	(HFD-USA)
V07	13382	29-4	0520	Sun	435 435 435 000	USB	(HFD-USA)
V15	621	7-4	1515	Sat	North Korean intelligence via PBS Pyongyang Pansong on 621, 657, 801, 855, 3320, 6400 kHz	AM	(AB-KOR)
V15	657	7-4	1515	Sat	North Korean intelligence via PBS Pyongyang Pansong on 621, 657, 801, 855, 3320, 6400 kHz	AM	(AB-KOR)
V15	801	7-4	1515	Sat	North Korean intelligence via PBS Pyongyang Pansong on 621, 657, 801, 855, 3320, 6400 kHz	AM	(AB-KOR)
V15	3320	7-4	1515	Sat	North Korean intelligence via PBS Pyongyang Pansong on 621, 657, 801, 855, 3320, 6400 kHz	AM	(AB-KOR)
V15	6400	7-4	1515	Sat	North Korean intelligence via PBS Pyongyang Pansong on 621, 657, 801, 855, 3320, 6400 kHz	AM	(AB-KOR)
V15	3320	12-4	1615	Thu	North Korean intelligence via PBS Pyongyang Pansong. Message in Korean	AM	(AB-KOR)
V15	657	26-4	1615	Thu	North Korean intelligence via PBS Pyongyang Pansong on 657, 3250, 3320, 6400 kHz	AM	(W9SPY)
V15	3250	26-4	1615	Thu	North Korean intelligence via PBS Pyongyang Pansong on 657, 3250, 3320, 6400 kHz	AM	(W9SPY)
V15	3320	26-4	1615	Thu	North Korean intelligence via PBS Pyongyang Pansong on 657, 3250, 3320, 6400 kHz	AM	(W9SPY)
V15	6400	26-4	1615	Thu	North Korean intelligence via PBS Pyongyang Pansong on 657, 3250, 3320, 6400 kHz	AM	(W9SPY)
V24	5290	7-4	1430	Sat	Popmusic followed by a message in Korean	AM	(AB-KOR)
V24	6215	7-4	1500	Sat	Popmusic followed by a message in Korean	AM	(AB-KOR)
V24	4925	15-4	1430	Sun	Classical music followed by a message in Korean	AM	(Phi)
V24	5900	15-4	1600	Sun	Pop song followed by a message in Korean	AM	(Phi)
V24	5150	21-4	1402	Sat	Music followed by a message in Korean	AM	(NO)
V26	4364	9-4	1130	Mon	Callup in Chinese //8073	USB	(JPL)

<b>V26</b>	8073	9-4	1130	Mon	Callup in Chinese //4364	USB	(JPL)
<b>V26</b>	4243	9-4	1141	Mon	Callup in Chinese //9054	USB	(JPL)
<b>V26</b>	9054	9-4	1141	Mon	Callup in Chinese //4243	USB	(JPL)
<b>V26</b>	4364	12-4	1130	Thu	Callup in Chinese. Female operator //8073	USB	(JPL)
<b>V26</b>	8073	12-4	1130	Thu	Callup in Chinese. Female operator //4364	USB	(JPL)
<b>V26</b>	4243	12-4	1210	Thu	Messages in Chinese. Female operator //9054	USB	(JPL)
<b>V26</b>	9054	12-4	1210	Thu	Messages in Chinese. Female operator //4243	USB	(JPL)
<b>V26</b>	4364	13-4	1130	Fri	Callup in Chinese. Female operator //8073	USB	(JPL)
<b>V26</b>	8073	13-4	1130	Fri	Callup in Chinese. Female operator //4364	USB	(JPL)
<b>V26</b>	4243	13-4	1201	Fri	Messages in Chinese. Female operator //9025	USB	(JPL)
<b>V26</b>	9054	13-4	1201	Fri	Messages in Chinese. Female operator //4243	USB	(JPL)
<b>V26</b>	4364	15-4	1130	Sun	Callup in Chinese. Male operator //8073	USB	(JPL)
<b>V26</b>	8073	15-4	1130	Sun	Callup in Chinese. Male operator //4364	USB	(JPL)
<b>V26</b>	4243	15-4	1225	Sun	Messages in Chinese. Female operator //9054	USB	(JPL)
<b>V26</b>	9054	15-4	1225	Sun	Messages in Chinese. Female operator //4243	USB	(JPL)
<b>V26</b>	4243	15-4	2340	Sun	Callup in Chinese. Female operator //9054	USB	(JPL)
<b>V26</b>	9054	15-4	2340	Sun	Callup in Chinese. Female operator //4243	USB	(JPL)
<b>V26</b>	4243	17-4	1216	Tue	Messages in Chinese. Female operator //9054	USB	(JPL)
<b>V26</b>	9054	17-4	1216	Tue	Messages in Chinese. Female operator //4243	USB	(JPL)
<b>V26</b>	4364	19-4	1132	Thu	Callup in Chinese. Male operator //8073	USB	(JPL)
<b>V26</b>	8073	19-4	1132	Thu	Callup in Chinese. Male operator //4354	USB	(JPL)
<b>V26</b>	4243	19-4	1200	Thu	Messages in Chinese. Female operator //9054	USB	(JPL)
<b>V26</b>	9054	19-4	1200	Thu	Messages in Chinese. Female operator //4343	USB	(JPL)
<b>V26</b>	4364	24-4	1130	Tue	Callup in Chinese. Male operator //8073	USB	(JPL)
<b>V26</b>	8073	24-4	1130	Tue	Callup in Chinese. Male operator //4354	USB	(JPL)
<b>V26</b>	4243	24-4	1207	Tue	Messages in Chinese. Female operator //9054	USB	(JPL)
<b>V26</b>	9054	24-4	1207	Tue	Messages in Chinese. Female operator //4243	USB	(JPL)
<b>V26</b>	4364	27-4	1130	Fri	Callup in Chinese. Male operator //8073	USB	(JPL)
<b>V26</b>	8073	27-4	1130	Fri	Callup in Chinese. Male operator //4364	USB	(JPL)
<b>V26</b>	4243	27-4	1220	Fri	Messages in Chinese. Female operator //9054	USB	(JPL)
<b>V26</b>	9054	27-4	1220	Fri	Messages in Chinese. Female operator //4243	USB	(JPL)
<b>V28</b>	4494	16-4	2230	Mon	Parrot. Messages in Korean. Female operator	AM	(HK)
<b>V28</b>	4626	16-4	2230	Mon	Parrot. Messages in Korean. Female operator	AM	(HK)
<b>V28</b>	4947	16-4	2235	Mon	Parrot. Messages in Korean. Female operator	AM	(HK)
<b>V28</b>	5168	16-4	2235	Mon	Parrot. Messages in Korean. Female operator	AM	(HK)
<b>V28</b>	3517	23-4	1038	Mon	Parrot. Messages in Korean. Female operator	AM	(HK)
<b>V28</b>	2931	23-4	1039	Mon	Parrot. Messages in Korean. Female operator	AM	(HK)
<b>V28</b>	3051	23-4	1040	Mon	Parrot. Messages in Korean. Female operator	AM	(HK)
<b>VC01</b>	5440	18-4	0606	Wed	Chinese Robot i.p.	LSB	(AB-CHN)
<b>VC01</b>	7192	18-4	0606	Wed	Chinese Robot i.p.	USB	(AB-CHN)

<b>X06</b>	16116.1	26-3	0620	Mon	Mazielka	MFSK-6	(DK8OK)
<b>X06</b>	13506	12-4	0941	Thu	Mazielka. Sequence: 164532	MFSK-6	(HFD)
<b>X06</b>	16223	12-4	0950	Thu	Mazielka. Sequence: 164532	MFSK-6	(HFD)
<b>X06</b>	11438	16-4	1549	Mon	Mazielka. Sequence: 532614	MFSK-6	(Phi)
<b>X06</b>	11620	16-4	1724	Mon	Mazielka. Sequence: 153624	MFSK-6	(Phi)
<b>X06</b>	12174	20-4	1413	Fri	Mazielka i.p. Sequence 443355. Ended 1414z	MFSK-6	(AB)
<b>X06</b>	12174	20-4	1418	Fri	Mazielka i.p. Sequence 443355. Ended 1420z	MFSK-6	(AB)
<b>X06b</b>	14538	3-4	1730	Tue	Mazielka. Sequence: 111666 before XPA2	MFSK-6	(Dan)
<b>X06b</b>	14538	3-4	1732	Tue	Mazielka. Sequence: 111666 before XPA2	MFSK-6	(Dan)
<b>X06b</b>	14538	8-4	1732	Sun	Mazielka. Sequence: 116611 before XPA2	MFSK-6	(Dan)
<b>X06b</b>	14538	8-4	1734	Sun	Mazielka. Sequence: 116611 before XPA2	MFSK-6	(Dan)
<b>X06b</b>	16740	12-4	0837	Thu	Mazielka. Sequence: 111333	MFSK-6	(HFD)
<b>X06b</b>	5770	17-4	0700	Tue	Mazielka. Sequence: 1166666 ended at 0702z	USB	(AB)
<b>X06b</b>	17462	21-4	1838	Sat	Mazielka. Sequence: 111666	MSFK-6	(Dan)
<b>X06b</b>	17462	21-4	1839	Sat	Mazielka. Sequence: 111666	MSFK-6	(Dan)
<b>X06b</b>	17462	21-4	1840	Sat	Mazielka. Sequence: 111666	MSFK-6	(Dan)
<b>X06b</b>	17462	21-4	1842	Sat	Mazielka. Sequence: 111666	MSFK-6	(Dan)
<b>X06b</b>	12153	25-4	0652	Wed	Mazielka. Sequence: 111222 Ended 0652z	MFSK-6	(AB)
<b>X06b</b>	12153	25-4	0654	Wed	Mazielka. Sequence: 111666 Ended 0655z	MFSK-6	(AB)
<b>X06b</b>	14538	29-4	1754	Sun	Mazielka. Sequence: 665566 before XPA2	MFSK-6	(Dan)
<b>X06b</b>	13538	29-4	1818	Sun	Mazielka. Sequence: 665566 before XPA2	MFSK-6	(Dan)
<b>X06b</b>	11167	30-4	0506	Mon	Mazielka. Sequence: 111666 before XPA2	MFSK-6	(AB)
<b>X06b</b>	13567	30-4	0516	Mon	Mazielka. Sequence: 666116 before XPA2	MFSK-6	(AB)
<b>X06b</b>	11167	30-4	0518	Mon	Mazielka. Sequence: 666116 before XPA2	MFSK-6	(AB)
<b>X06b</b>	15819	30-4	1816	Mon	Mazielka. Sequence: 665566 before E07	MFSK-6	(Dan)
<b>X06b</b>	15819	30-4	1823	Mon	Mazielka. Sequence: 111666 before E07	MFSK-6	(Dan)
<b>XPA</b>	10359	2-4	0600	Mon	355 355 355 1 355 355 355 1 355 355 355 1 00100 00099 72267 ... 51794 61669 57260	MKSK-20/10Bd	(AB/HFD)
<b>XPA</b>	11559	2-4	0620	Mon	355 355 355 1 355 355 355 1 355 355 355 1 00100 00099 72267 ... 51794 61669 57260	MKSK-20/10Bd	(AB/HFD)
<b>XPA</b>	13559	2-4	0640	Mon	355 355 355 1 355 355 355 1 355 355 355 1 00100 00099 72267 ... 51794 61669 57260	MKSK-20/10Bd	(AB/HFD)
<b>XPA</b>	10359	4-4	0600	Wed	355 355 355 1 355 355 355 1 355 355 355 1 00100 00099 72267 ... 51794 61669 57260	MKSK-20/10Bd	(AB)
<b>XPA</b>	11559	4-4	0620	Wed	355 355 355 1 355 355 355 1 355 355 355 1 00100 00099 72267 ... 51794 61669 57260	MKSK-20/10Bd	(AB)
<b>XPA</b>	13559	4-4	0640	Wed	355 355 355 1 355 355 355 1 355 355 355 1 00100 00099 72267 ... 51794 61669 57260	MKSK-20/10Bd	(AB)
<b>XPA</b>	10359	9-4	0600	Mon	355 355 355 000 07125 00001 00000 34261	MKSK-20/10Bd	(AB)
<b>XPA</b>	11559	9-4	0620	Mon	355 355 355 000 07125 00001 00000 34261	MKSK-20/10Bd	(AB)
<b>XPA</b>	13559	9-4	0640	Mon	355 355 355 000 07125 00001 00000 34261	MKSK-20/10Bd	(AB)
<b>XPA</b>	10359	11-4	0600	Wed	355 355 355 000 05606 00001 00000 37255	MKSK-20/10Bd	(AB)
<b>XPA</b>	11559	11-4	0620	Wed	355 355 355 000 05606 00001 00000 37255	MKSK-20/10Bd	(AB)
<b>XPA</b>	13559	11-4	0640	Wed	355 355 355 000 05606 00001 00000 37255	MKSK-20/10Bd	(AB)
<b>XPA</b>	10359	16-4	0600	Mon	355 355 355 1 07775 00139 43285 ... 88495 08940 46533	MKSK-20/10Bd	(AB)
<b>XPA</b>	11559	16-4	0620	Mon	355 355 355 1 07775 00139 43285 ... 88495 08940 46533	MKSK-20/10Bd	(AB)

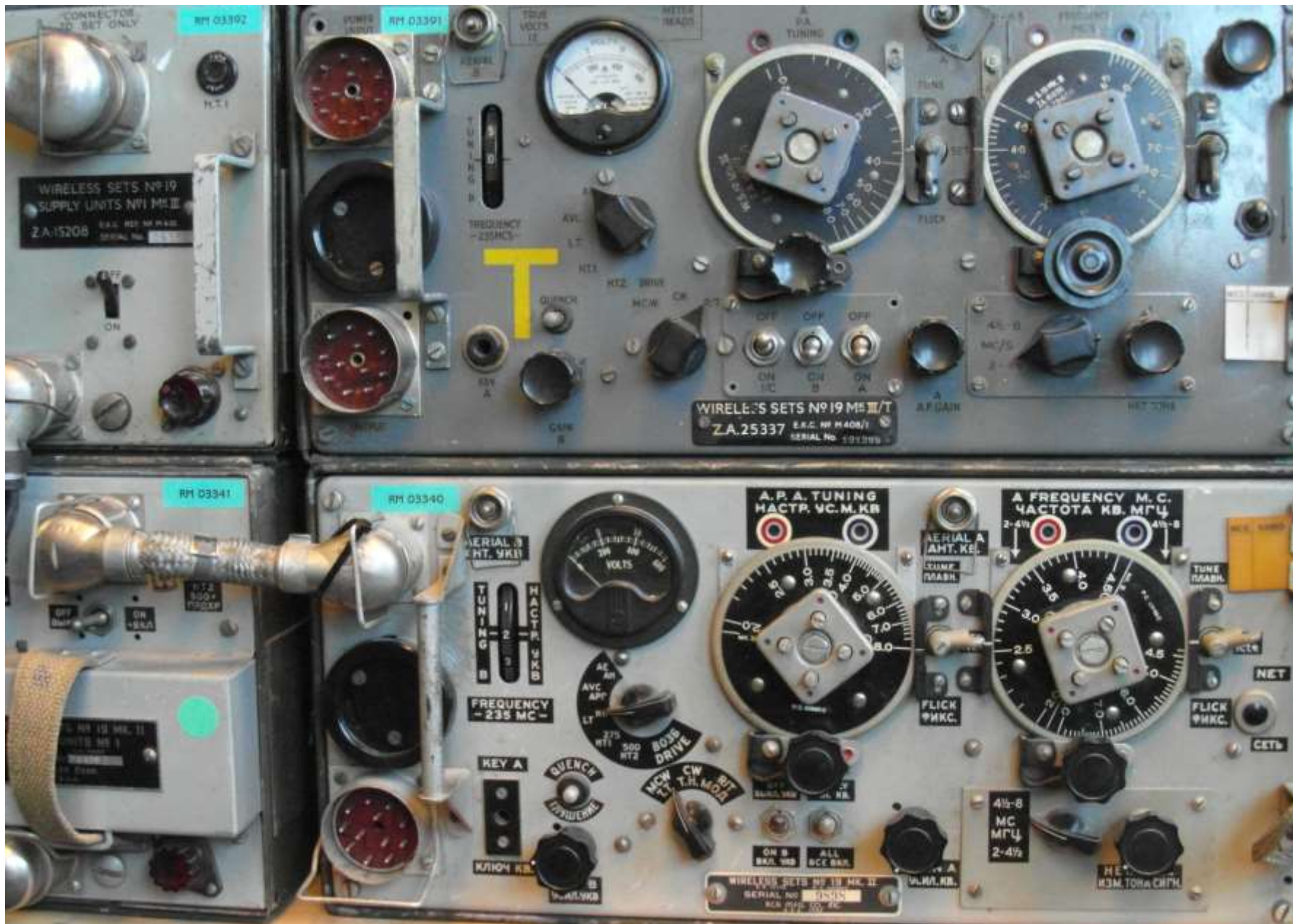
XPA	13559	16-4	0640	Mon	355 355 355 1 07775 00139 43285 ... 88495 08940 46533	MKSK-20/10Bd	(AB)
XPA	10359	18-4	0600	Wed	355 355 355 1 07775 00139 43285 ... 88495 08940 46533	MKSK-20/10Bd	(AB)
XPA	11559	18-4	0620	Wed	355 355 355 1 07775 00139 43285 ... 88495 08940 46533	MKSK-20/10Bd	(AB)
XPA	13559	18-4	0640	Wed	355 355 355 1 07775 00139 43285 ... 88495 08940 46533	MKSK-20/10Bd	(AB)
XPA	10359	23-4	0600	Mon	355 355 355 1 06358 00127 88241 ... 90819 06418 66435	MKSK-20/10Bd	(AB)
XPA	11559	23-4	0620	Mon	355 355 355 1 06358 00127 88241 ... 90819 06418 66435	MKSK-20/10Bd	(AB)
XPA	13559	23-4	0640	Mon	355 355 355 1 06358 00127 88241 ... 90819 06418 66435	MKSK-20/10Bd	(AB)
XPA	10359	25-4	0600	Wed	355 355 355 1 06358 00127 88241 ... 90819 06418 66435	MKSK-20/10Bd	(AB)
XPA	11559	25-4	0620	Wed	355 355 355 1 06358 00127 88241 ... 90819 06418 66435	MKSK-20/10Bd	(AB)
XPA	13559	25-4	0640	Wed	355 355 355 1 06358 00127 88241 ... 90819 06418 66435	MKSK-20/10Bd	(AB)
XPA	10359	30-4	0600	Mon	355 355 355 000 06812 00001 00000 36257	MKSK-20/10Bd	(AB)
XPA	11559	30-4	0620	Mon	355 355 355 000 06812 00001 00000 36257	MKSK-20/10Bd	(AB)
XPA	13559	30-4	0640	Mon	355 355 355 000 06812 00001 00000 36257	MKSK-20/10Bd	(AB)
XPA2	14538	1-4	1800	Sun	05432 00001 00000 34661	MFSK-16/20Bd	(AB-RUS/Dan/HFD)
XPA2	13538	1-4	1820	Sun	05432 00001 00000 34661	MFSK-16/20Bd	(AB-RUS/Dan/HFD)
XPA2	12138	1-4	1840	Sun	05432 00001 00000 34661	MFSK-16/20Bd	(AB-RUS/Dan/HFD)
XPA2	16347	3-4	0700	Tue	05596 00117 65689 ... 16800 52185 52073	MFSK-16/20Bd	(AB-RUS/HFD)
XPA2	17447	3-4	0700	Tue	05596 00117 65689 ... 16800 52185 52073	MFSK-16/20Bd	(HFD)
XPA2	17447	3-4	0720	Tue	05596 00117 65689 ... 16800 52185 52073	MFSK-16/20Bd	(AB-RUS/HFD)
XPA2	18747	3-4	0740	Tue	05596 00117 65689 ... 16800 52185 52073	MFSK-16/20Bd	(AB-RUS/HFD)
XPA2	14538	3-4	1800	Tue	09949 00113 08078 ... 20171 91425 21764	MFSK-16/20Bd	(AB/MPJ/Dan)
XPA2	13538	3-4	1820	Tue	09949 00113 08078 ... 20171 91425 21764	MFSK-16/20Bd	(AB/MPJ/Dan)
XPA2	12138	3-4	1840	Tue	09949 00113 08078 ... 20171 91425 21764	MFSK-16/20Bd	(AB/dmhz/MPJ/Dan)
XPA2	11167	4-4	0700	Wed	08719 00001 00000 41261	MFSK-16/20Bd	(AB)
XPA2	12167	4-4	0720	Wed	08719 00001 00000 41261	MFSK-16/20Bd	(AB)
XPA2	13567	4-4	0740	Wed	08719 00001 00000 41261	MFSK-16/20Bd	(AB)
XPA2	16347	6-4	0700	Fri	05596 00117 65689 ... 16800 52185 52073	MFSK-16/20Bd	(AB-RUS)
XPA2	17447	6-4	0720	Fri	05596 00117 65689 ... 16800 52185 52073	MFSK-16/20Bd	(AB-RUS)
XPA2	18747	6-4	0740	Fri	05596 00117 65689 ... 16800 52185 52073	MFSK-16/20Bd	(AB-RUS)
XPA2	17462	6-4	1900	Fri	msg XPA2r	MFSK-16/20Bd	(HFD)
XPA2	16114	6-4	1920	Fri	msg XPA2r	MFSK-16/20Bd	(HFD)
XPA2	14828	6-4	1940	Fri	msg XPA2r	MFSK-16/20Bd	(HFD)
XPA2	17462	7-4	1900	Sat	07715 00001 00000 37260	MFSK-16/20Bd	(AB/Dan)
XPA2	16114	7-4	1920	Sat	07715 00001 00000 37260	MFSK-16/20Bd	(AB/Dan/BW3-POL)
XPA2	14828	7-4	1940	Sat	07715 00001 00000 37260	MFSK-16/20Bd	(AB/Dan)
XPA2	14538	8-4	1800	Sun	09949 00113 08078 ... 20171 91525 21764	MFSK-16/20Bd	(AB/MPJ)
XPA2	13538	8-4	1820	Sun	09949 00113 08078 ... 20171 91525 21764	MFSK-16/20Bd	(AB/MPJ)
XPA2	12138	8-4	1840	Sun	09949 00113 08078 ... 20171 91525 21764	MFSK-16/20Bd	(AB/MPJ/MDK2)
XPA2	11167	9-4	0700	Mon	00277 00151 16837 ... 47936 51023 00611	MFSK-16/20Bd	(AB)
XPA2	12167	9-4	0720	Mon	00277 00151 16837 ... 47936 51023 00611	MFSK-16/20Bd	(AB)



<b>XPA2</b>	13567	9-4	0740	Mon	00277 00151 16837 ... 47936 51023 00611	MFSK-16/20Bd	(AB)
<b>XPA2</b>	14538	10-4	1800	Tue	06133 00001 00000 33261	MFSK-16/20Bd	(AB/MPJ/Dan)
<b>XPA2</b>	13538	10-4	1820	Tue	06133 00001 00000 33261	MFSK-16/20Bd	(AB/MPJ/Dan)
<b>XPA2</b>	12138	10-4	1840	Tue	06133 00001 00000 33261	MFSK-16/20Bd	(AB/MPJ/Dan)
<b>XPA2</b>	11167	11-4	0700	Wed	00277 00151 16837 ... 47936 51023 00611	MFSK-16/20Bd	(AB)
<b>XPA2</b>	12167	11-4	0720	Wed	00277 00151 16837 ... 47936 51023 00611	MFSK-16/20Bd	(AB)
<b>XPA2</b>	13567	11-4	0740	Wed	00277 00151 16837 ... 47936 51023 00611	MFSK-16/20Bd	(AB)
<b>XPA2</b>	16347	13-4	0700	Fri	05102 00001 00000 32655	MFSK-16/20Bd	(AB-RUS)
<b>XPA2</b>	17447	13-4	0720	Fri	05102 00001 00000 32655	MFSK-16/20Bd	(AB-RUS)
<b>XPA2</b>	18747	13-4	0740	Fri	05102 00001 00000 32655	MFSK-16/20Bd	(AB-RUS)
<b>XPA2</b>	17462	13-4	1900	Fri	00416 00093 75663 ... 88405 08509 60723	MFSK-16/20Bd	(AB-RUS/MPJ-RUS/Dan)
<b>XPA2</b>	16114	13-4	1920	Fri	00416 00093 75663 ... 88405 08509 60723	MFSK-16/20Bd	(AB-RUS/Dan)
<b>XPA2</b>	14828	13-4	1940	Fri	00416 00093 75663 ... 88405 08509 60723	MFSK-16/20Bd	(AB-RUS/Dan)
<b>XPA2</b>	17462	14-4	1900	Sat	00416 00093 75663 ... 88405 08509 60723	MFSK-16/20Bd	(AB-RUS/Dan)
<b>XPA2</b>	16114	14-4	1920	Sat	00416 00093 75663 ... 88405 08509 60723	MFSK-16/20Bd	(AB-RUS/Dan)
<b>XPA2</b>	14828	14-4	1940	Sat	00416 00093 75663 ... 88405 08509 60723	MFSK-16/20Bd	(AB-RUS/Dan)
<b>XPA2</b>	14538	15-4	1800	Sun	04906 00001 00000 40654	MFSK-16/20Bd	(MPJ)
<b>XPA2</b>	13538	15-4	1820	Sun	04906 00001 00000 40654	MFSK-16/20Bd	(MPJ)
<b>XPA2</b>	12138	15-4	1840	Sun	04906 00001 00000 40654	MFSK-16/20Bd	(AB/MPJ)
<b>XPA2</b>	11167	16-4	0700	Mon	07687 00001 00000 37667	MFSK-16/20Bd	(AB)
<b>XPA2</b>	12167	16-4	0720	Mon	07687 00001 00000 37667	MFSK-16/20Bd	(AB)
<b>XPA2</b>	13567	16-4	0740	Mon	07687 00001 00000 37667	MFSK-16/20Bd	(AB)
<b>XPA2</b>	16347	17-4	0700	Tue	07759 00133 19463 ... 71911 94952 01164	MFSK-16/20Bd	(AB-RUS)
<b>XPA2</b>	17447	17-4	0720	Tue	07759 00133 19463 ... 71911 94952 01164	MFSK-16/20Bd	(AB-RUS)
<b>XPA2</b>	18747	17-4	0740	Tue	07759 00133 19463 ... 71911 94952 01164	MFSK-16/20Bd	(AB-RUS)
<b>XPA2</b>	14538	17-4	1800	Tue	07198 00105 85837 ... 03424 14295 56721	MFSK-16/20Bd	(AB/MPJ/Dan)
<b>XPA2</b>	13538	17-4	1820	Tue	07198 00105 85837 ... 03424 14295 56721	MFSK-16/20Bd	(AB/MPJ/Dan)
<b>XPA2</b>	12138	17-4	1840	Tue	07198 00105 85837 ... 03424 14295 56721	MFSK-16/20Bd	(AB/MPJ/Dan)
<b>XPA2</b>	11167	18-4	0700	Wed	01713 00001 00000 36252	MFSK-16/20Bd	(AB)
<b>XPA2</b>	12167	18-4	0720	Wed	01713 00001 00000 36252	MFSK-16/20Bd	(AB)
<b>XPA2</b>	13567	18-4	0740	Wed	01713 00001 00000 36252	MFSK-16/20Bd	(AB)
<b>XPA2</b>	16347	20-4	0700	Fri	07759 00133 19463 ... 71911 94952 01164	MFSK-16/20Bd	(AB-RUS)
<b>XPA2</b>	17447	20-4	0720	Fri	07759 00133 19463 ... 71911 94952 01164	MFSK-16/20Bd	(AB-RUS)
<b>XPA2</b>	18747	20-4	0740	Fri	07759 00133 19463 ... 71911 94952 01164	MFSK-16/20Bd	(AB-RUS)
<b>XPA2</b>	17462	20-4	1900	Fri	03691 00001 00000 34664	MFSK-16/20Bd	(AB-RUS/MPJ)
<b>XPA2</b>	16114	20-4	1920	Fri	03691 00001 00000 34664	MFSK-16/20Bd	(AB-RUS)
<b>XPA2</b>	14828	20-4	1940	Fri	03691 00001 00000 34664	MFSK-16/20Bd	(AB-RUS)
<b>XPA2</b>	17462	21-4	1900	Sat	09719 00001 00000 41262	MFSK-16/20Bd	(AB-RUS)
<b>XPA2</b>	16114	21-4	1920	Sat	09719 00001 00000 41262	MFSK-16/20Bd	(AB-RUS)

<b>XPA2</b>	14828	21-4	1940	Sat	09719 00001 00000 41262	MFSK-16/20Bd	(AB-RUS)
<b>XPA2</b>	14538	22-4	1800	Sun	07198 00105 85837 ... 03424 14295 56721	MFSK-16/20Bd	(AB-RUS/MPJ)
<b>XPA2</b>	13538	22-4	1820	Sun	07198 00105 85837 ... 03424 14295 56721	MFSK-16/20Bd	(AB-RUS/MPJ)
<b>XPA2</b>	12138	22-4	1840	Sun	07198 00105 85837 ... 03424 14295 56721	MFSK-16/20Bd	(AB/MPJ)
<b>XPA2</b>	11167	23-4	0700	Mon	00512 00163 50867 ... 14548 98485 40333	MFSK-16/20Bd	(AB)
<b>XPA2</b>	12167	23-4	0720	Mon	00512 00163 50867 ... 14548 98485 40333	MFSK-16/20Bd	(AB)
<b>XPA2</b>	13567	23-4	0740	Mon	00512 00163 50867 ... 14548 98485 40333	MFSK-16/20Bd	(AB)
<b>XPA2</b>	14538	24-4	1800	Tue	07530 00001 00000 33562	MFSK-16/20Bd	(AB/MPJ/Dan)
<b>XPA2</b>	13538	24-4	1820	Tue	07530 00001 00000 33562	MFSK-16/20Bd	(AB/MPJ/Dan)
<b>XPA2</b>	12138	24-4	1840	Tue	07530 00001 00000 33562	MFSK-16/20Bd	(AB/MPJ/Dan)
<b>XPA2</b>	11167	25-4	0700	Wed	00512 00163 50867 ... stops after the 50th group	MFSK-16/20Bd	(AB)
<b>XPA2</b>	12167	25-4	0720	Wed	00512 00163 50867 ... 14548 98485 40333	MFSK-16/20Bd	(AB)
<b>XPA2</b>	13567	25-4	0740	Wed	00512 00163 50867 ... 14548 98485 40333	MFSK-16/20Bd	(AB)
<b>XPA2</b>	17462	27-4	1900	Fri	00528 00065 53321 93119 .... 94384 31162	MFSK-16/20Bd	(Dan)
<b>XPA2</b>	16114	27-4	1920	Fri	00528 00065 53321 93119 .... 94384 31162	MFSK-16/20Bd	(Dan)
<b>XPA2</b>	14828	27-4	1940	Fri	00528 00065 53321 93119 .... 94384 31162	MFSK-16/20Bd	(Dan)
<b>XPA2</b>	17462	28-4	1900	Sat	00528 00065 53321 ... 31250 94384 36162	MFSK-16/20Bd	(AB-RUS)
<b>XPA2</b>	16114	28-4	1920	Sat	00528 00065 53321 ... 31250 94384 36162	MFSK-16/20Bd	(AB-RUS)
<b>XPA2</b>	14828	28-4	1940	Sat	00528 00065 53321 ... 31250 94384 36162	MFSK-16/20Bd	(AB-RUS)
<b>XPA2</b>	14538	29-4	1800	Sun	01958 00001 00000 41656	MFSK-16/20Bd	(AB/Dan/MPJ)
<b>XPA2</b>	13538	29-4	1820	Sun	01958 00001 00000 41656	MFSK-16/20Bd	(AB/Dan/MPJ)
<b>XPA2</b>	12138	29-4	1840	Sun	01958 00001 00000 41656	MFSK-16/20Bd	(AB/Dan/MPJ)
<b>XPA2</b>	11167	30-4	0700	Mon	02218 00001 00000 36253	MFSK-16/20Bd	(AB)
<b>XPA2</b>	12167	30-4	0720	Mon	02218 00001 00000 36253	MFSK-16/20Bd	(AB)
<b>XPA2</b>	13567	30-4	0740	Mon	02218 00001 00000 36253	MFSK-16/20Bd	(AB)





Pye Ltd Wireless Sets No. 19 as used by the British military in World War II.

The same receiver as used by the Russian military

## CONTRIBUTORS

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AB-EST	Ary Boender via remote rx Estonia	JPL-CHN	JPL via remote rx China
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BW3-POL	Barry Williams via remote rx Poland	MPJ-HOL	Jim via remote rx Netherlands
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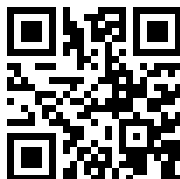
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148 07004 92636 89428 43286 10385 18878 00044 31277  
48 00932 76987 22123 49817 26385 81287 65481 87384 8  
721 75654 55656 12737 72727 72727 91918 63473 67867 2  
723 87629 37677 22612 53498 71296 28756 18276 98716 8  
269 76329 74698 78857 98678 27881 58781 57681 73648 1  
81 87384 87385 96710 27630 12673 84769 28743 9812  
3 63298 75698 27685 87326 49876 28376 81273 98615  
47 07432 74326 78674 29867 32867 67867 86786 8328  
37 68768 68768 34234 34238 88768 62342 48272 88768  
38 98432 32432 86743 43286 43286 43286 43286 43286 8  
768 81743 86743 29867 29867 86743 43286 43286 43286 8  
768 81743 86743 86743 86743 86743 86743 86743 86743 4  
768 98798 98754 98754 98754 98754 29867 67543 67543 8  
48 87698 68876 87698 68876 87612 32341 34867 88798 8  
3298 65656 44764 56123 32143 34321 32143 14321 371  
1757 57767 18080 58765 70587 68765 76587 58765 765

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