

6	27364	92836	89428	61298	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
1	86743	86743	86743	86743	86743	86743	86743	86743	2
99	98798	98754	98754	98754	98754	29867	67543	67986	8
10	87698	69876	87698	69876	87612	12341	34867	86798	6
	43298	65656	56756	56123	32143	14321	32143	14321	30
	58765	58765	76587	58765	76587	58765	76587	58756	24

# Numbers & Oddities

## a.k.a. The Spooks Newsletter

### Edition #249, June 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

Hi all,  
Welcome to yet another edition of Numbers & Oddities. Several errors, oddities and not-so-often-heard stations were logged in June: a 2-groups S06, 2 long E11a messages, S06b and S06c, a V07 oddity and E06 replaced an F06 schedule. Further an unscheduled M14 transmission and more and more S11a and E11a appeared without "Attention" or "Vnimanije". S28 (the Buzzer) transmitted on 30 June on 3 transmitters at the same time. They did that quite often lately. Transmitter 1 and 2 are separated by 60 Hz, Nr. 3 (delayed audio) is in between.

Enjoy N&O and please keep those logs coming!

73, Ary

## VOICE STATIONS

### E06

#### 15830 kHz, 07-06, 0600 UTC

328 174 50  
57169 92190 54426 12308 15525 27152 20424 74715 71986 43195  
27441 34334 45363 49686 73842 15671 96644 18828 31952 11867  
24132 80092 13944 82887 98126 12398 26496 97551 14852 32483  
06407 80355 74304 02913 54355 49015 11721 08137 08985 53669  
37337 72072 28522 53679 64146 15610 72086 92963 28323 77510  
174 50 00000

#### 5934 kHz, 07-06, 2028 UTC. Early start

724 847 58  
67391 24518 97497 42873 48732 35875 94589 43543 93269 73231  
39317 43073 24893 21956 58946 58943 68951 29618 93648 91693  
64134 86596 42384 84274 56741 38549 74375 13248 24389 34923  
43241 38432 49321 89589 32385 48434 91893 24832 39532 65764  
32893 76738 78346 57263 75329 65287 41291 31284 82564 37539  
38578 43969 35434 54363 25487 21645 72848 69529  
847 58 00000

#### 13985/15830 kHz, 21-06/22-06, 0500/0600 UTC

328 609 54  
26775 41945 36703 90583 13409 83590 86417 42227 64892 97722  
91354 91682 03141 79252 27692 03044 39456 14161 47677 24233  
21936 60281 02272 94020 39219 09820 72494 92474 41533 38294  
32892 52070 64949 69596 95574 71616 69808 11851 08259 00218  
29238 43755 04749 83428 28707 56107 31295 88814 62553 78190  
97276 53084 38421 74601  
609 54 00000

#### 5940 kHz, 21-06, 2030 UTC

724 183 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

Windows shutdown sound

**5741 kHz, 22-06, 2130 UTC**

315 183 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

**13366/11438 kHz, 30-06, 1100/1200 UTC. E06 instead of F06**

832 791 40

54157 61177 13224 34085 91529 54397 66689 54737 30623 50365  
 61317 67760 90461 70954 94964 38865 32814 55680 48842 64630  
 90415 64161 00129 19492 21687 18580 92550 97254 36622 11489  
 65615 95017 02445 67895 12220 92236 67749 11100 17348 41948  
 791 40 00000

**E07****14842/13442/12142 kHz, 03-06/06-06, 1700/1720/1740 UTC****03-06, 1700 UTC: stopped after the 26<sup>th</sup> group and restarted with the 20<sup>th</sup> group.**

841 841 841 1 6487 94 6487 94

72119 97442 19412 88143 34970 71141 94102 40628 54510 71991  
 95475 52443 03674 98151 29961 33946 50104 87353 79143 43917  
 79613 08105 33511 76258 21802 48123 02417 34410 93247 11299  
 82929 03347 00212 51703 78289 21726 57717 22221 10928 09326  
 74689 88355 70996 55079 22122 47721 09635 06606 34855 82615  
 40132 92717 69355 94340 07836 61646 63372 54615 65888 90580  
 11286 76314 88922 81913 34562 29775 23775 10147 80176 13900  
 50432 05773 75372 66445 45463 95104 56958 43272 59842 93446  
 33638 33691 99700 18530 03587 43683 18556 91906 27751 71731  
 59439 30038 37309 05804 000 000

**18637/17437/15837 kHz, 08-06, 1100/1120/1140 UTC**

648 648 648 1 8736 193 8736 193

77125 99685 77078 49416 03606 48789 27280 39658 28646 78082  
 70947 50115 26981 94826 19730 09954 12639 39815 03149 42335  
 47268 24205 31591 64578 38266 73440 30093 49722 14938 23886  
 99448 38848 89112 24006 22854 40733 84936 82837 08612 29243  
 18616 32190 50188 96000 27778 77606 97975 51035 39906 69137  
 09221 79086 78451 18686 40986 40862 96813 41295 92923 98122  
 53277 73453 33466 06855 74091 42507 72214 88765 98892 35263  
 48215 15204 70545 72200 80629 61259 13296 81930 13193 67391  
 15189 74233 98056 70300 08012 29565 72505 19687 87138 48621  
 56077 77534 97045 22390 53869 81713 94702 59714 52317 53010  
 00010 81125 78047 97937 70808 05164 59512 96349 88094 19786  
 58924 78884 66681 98285 56819 43081 76821 66662 10339 21776  
 89819 30739 80629 88457 69453 20336 58463 25147 66864 33197  
 51047 15120 58365 75140 12448 66104 06395 64094 51867 33588  
 87211 33565 41336 88938 90298 37202 75444 25385 77789 66382  
 02082 35638 59492 02399 49616 49914 05804 58191 92537 19599  
 27899 14574 44642 16118 66797 23642 74901 98310 83989 59124  
 06846 55888 28314 33975 46253 56048 88462 38342 21797 71537  
 06838 87493 73828 06436 01922 88318 77473 88149 54752 51731  
 20137 32570 77031 000 000

**14842/13442/12142 kHz, 10-06/13-06, 1700/1720/1740 UTC**

841 841 841 1 319 137 319 137  
01692 28036 84148 60358 50646 79724 60625 70759 43987 55679  
77039 67235 42137 83167 45258 86983 25387 99252 64843 49127  
98874 15435 96334 97165 18649 85451 03552 70444 78518 17372  
68617 25798 91439 73267 95317 84886 08453 32460 72843 45727  
54871 37087 79642 19093 83078 30658 01219 45731 47585 45078  
95856 28505 26966 89543 18135 50942 37839 59690 36227 06943  
51725 65728 20377 54391 80158 56821 31705 99083 39296 70915  
48217 78148 41187 00785 65400 46094 11415 55658 69324 05405  
96000 09868 17875 78347 21890 75981 78411 46915 11902 94312  
13357 87242 71817 32756 11592 73546 47650 96418 97844 44857  
56453 39119 75731 72396 52105 99864 31503 29424 55308 00613  
24225 80648 28668 32502 52549 07886 16368 82020 93311 92450  
75774 74627 13795 62492 96104 22783 52112 93241 54841 13923  
66388 84964 40743 46035 12013 22980 66781 000 000

**12213/10714/9347 kHz, 14-06, 2010/2030/2050 UTC**

273 273 273 1 358 51 358 51  
59918 83441 69987 52067 33257 56193 28274 77375 95341 87593  
70423 96948 49600 11633 82270 19023 82398 48751 13989 46291  
00792 08042 16203 08555 19834 41922 16549 54705 22292 80082  
34046 75190 88237 64646 91514 32398 36163 86346 47988 34817  
61879 57231 59489 90606 07669 35596 44117 95701 04192 57286  
37926 000 000

**16331/18731/19331 kHz, 19-06, 0700/0720/0740 UTC**

373 373 373 1 232 133 232 133  
36086 89767 93579 33538 04516 08425 289\_\_ 00998 46329 86774  
97782 43135 30132 28531 67104 55\_70 80724 30883 89403 18639  
852\_\_ 74198 65906 53928 86176 37715 22671 01663 86342 55138  
64850 3\_\_\_\_\_ 00427 27189 89202 73283 18535 22886 77474 \_9743  
84323 81171 65360 39230 81121 54808 76606 53712 48260 77888  
22899 36807 90737 87724 93030 19346 14??2 51298 21810 57293  
75839 16905 80667 95715 97821 70753 84648 54691 54022 10142  
59113 70845 06364 54090 56921 45899 22369 26243 07843 95495  
78832 93062 35486 80197 40013 71857 68242 69270 63613 03599  
03138 62825 56449 17538 09604 06579 09215 48205 79380 93111  
19728 03407 12825 74515 68708 63317 29819 54922 24920 17383  
18329 46926 89062 08216 96037 84088 71766 18507 04978 05054  
50371 23366 46526 35838 44849 65146 09526 99355 12368 63471  
65340 28776 87445 000 000

**9064/10264/11464 kHz, 23-06/24-06, 0600/0620/0640**

024 024 024 1 231 68 231 68  
97300 65359 01885 04417 09071 79125 30022 55602 52948 11103  
71032 42745 56504 36244 65843 66616 72292 41280 60389 11118  
36695 90237 05223 22528 41328 54357 87677 38331 06386 01698  
74642 14704 78974 44025 79720 31747 36909 23357 91615 29954  
91304 08012 77471 28321 00930 29226 18842 86460 94325 14442  
09573 75048 53557 98751 69172 32137 88736 83885 87761 91166  
70453 03825 16639 90087 46487 75234 23799 03128 000 000

**18637/17437/15837 kHz, 19-06/22-06, 1100/1120/1140 UTC**

648 648 648 1 6660 171 6660 171  
68181 00235 60941 79829 18220 29777 43619 96413 49983 71799  
47785 83775 23771 74163 48710 86756 17027 23906 65338 36485  
24775 57496 75017 93083 72640 79060 52105 76651 02680 56894  
86573 25350 27198 35924 14531 94810 70441 83889 18981 64814  
47659 96649 71395 48134 67665 73739 52177 48248 24152 95887  
91034 13930 49649 71452 72747 36544 56897 35126 35205 99486  
27822 59028 79497 57990 96440 69747 05097 59151 12761 22399  
16134 54589 76315 01091 37805 11576 57706 97128 02301 85347  
71340 47439 46875 97391 61481 89965 98460 74379 02538 89568  
64602 30881 17002 85213 71052 34190 22186 19317 37249 03169  
36372 29172 32434 95330 88469 25482 24040 46326 52951 45105  
34946 20875 26588 26609 81629 55306 09155 79279 54097 61002  
03460 14290 54186 44644 17979 09515 80766 52113 50752 27041  
00576 13860 25051 22546 77984 86592 91636 21422 36342 41429  
28907 75395 63440 85943 37130 34613 02736 93361 28435 10924  
92311 15539 59635 29353 00073 56743 17322 93428 67899 88747  
96776 66480 26658 70118 05703 18539 84034 88597 68284 80359  
83155 000 000

**14842/13442/12142 kHz, 20-06, 1700/1720/1740 UTC**

841 841 841 1 450 122 450 122  
17786 83399 03954 07877 38729 48191 34413 60408 63862 19714  
26643 06149 16932 15770 46707 46155 32319 93854 80055 84733  
90650 47679 01114 30077 96269 50699 80030 79185 35617 39845  
32784 97902 02492 15383 66238 08092 60936 67503 14122 91718  
48616 27989 68663 54297 75497 23934 59036 90358 19612 10107  
69581 77063 24329 03740 37548 21677 43775 51552 90940 42744  
65182 85549 19851 03099 70226 34377 10925 01695 53972 05141  
36904 21802 85010 03893 42062 34090 48833 84536 85531 76739  
91305 46837 70437 78326 06730 48178 43244 65910 79288 81467  
56049 60887 89398 72464 02393 98669 56480 84712 85169 74206  
38984 01674 75019 64620 07556 83699 39940 44958 93469 84944  
90005 34112 84355 39641 00852 52258 36529 01166 80667 96613  
42296 28950 000 000

**14842/13442/12142 kHz, 24-06/27-06, 1700/1720/1740 UTC**

841 841 841 1 5987 136 5987 136  
52488 29445 06724 46593 92260 36998 57435 65007 96755 95405  
90053 90524 44793 86841 39531 53265 74255 01953 44410 64278  
64752 48548 70240 59949 13652 65435 10931 55984 53421 55529  
92283 22879 37075 52461 10223 87561 52110 95165 50912 20739  
16879 91484 59830 55450 97938 97393 22940 68939 42288 06694  
05346 51697 75111 37781 68093 73369 11386 46467 61267 78389  
44384 85946 25755 60979 58294 61306 14387 91181 69655 72326  
25769 88980 68626 65745 65500 30702 84500 59754 67512 38756  
47229 59606 34499 79645 56815 23845 08695 49238 99891 23642  
29940 71435 12293 20406 44711 38300 70370 26634 43938 62388  
09166 77405 40774 28649 19810 65737 37941 08430 55594 13662  
29202 14837 60176 30987 39937 77427 03912 55399 90417 09266  
30496 45446 95603 24854 97245 81680 98450 91011 23480 40699  
22336 22807 39800 02146 59460 92273 000 000

**12213/10714/9347 kHz, 28-06, 2010/2030/2050 UTC**

273 273 273 1 1446 67 1446 67  
 30772 03040 68876 35402 52723 34597 63319 89713 71053 23145  
 78759 47051 68371 09250 78625 51361 76057 80529 67754 46051  
 16869 28513 49523 66886 33845 51308 08830 84743 55914 87829  
 90923 21773 46324 55436 46415 07303 58441 00203 55215 13536  
 08395 34355 75689 29577 40991 32081 97473 48698 53094 80355  
 92445 41092 85492 59889 95902 85737 21655 68976 70606 11596  
 74806 09252 69781 45466 22662 98955 95408 000 000

**E07a****12166/10766/9266 kHz, 06-06, 2000/2020/2040 UTC**

172 172 172 1 12612 8508 73 8508 73  
 27897 16254 36093 95102 85025 89403 27980 37297 43727 89957  
 55322 71328 14366 03112 99965 07327 40100 29731 67343 45369  
 28647 90432 11323 15502 27211 25222 04817 49979 06655 17340  
 96242 86974 84632 79107 42375 58647 39393 77954 30202 74813  
 58069 64025 55863 46622 08541 16593 76221 46078 20394 22460  
 33935 23645 46911 08106 83677 16897 23471 61300 66004 30832  
 91500 26465 79834 05718 36484 43189 07642 91921 65727 93526  
 57828 46105 67386 000 000

**9133 kHz, 07-06, 0450 UTC**

912 912 912 1 12612 8508 73 8508 73  
 27897 16254 36093 95102 85025 89403 27980 37297 43727 89957  
 55322 71328 14366 03112 99965 07327 40100 29731 67343 45369  
 28647 90432 11323 15502 27211 25222 04817 49979 06655 17340  
 96242 86974 84632 79107 42375 58647 39393 77954 30202 74813  
 58069 64025 55863 46622 08541 16593 76221 46078 20394 22460  
 33935 23645 46911 08106 83677 16897 23471 61300 66004 30832  
 91500 26465 79834 05718 36484 43189 07642 91921 65727 93526  
 57828 46105 67386 000 000

**12166/10766/9266 kHz, 27-06, 2000/2020/2040 UTC**

172 172 172 1 69198 230 67 230 67  
 46756 42029 89891 84324 52981 11789 59262 88577 43510 14121  
 47694 27458 81194 18950 46134 86411 78025 94397 69364 79422  
 54511 39066 57136 25632 38155 71284 31758 61295 80030 34078  
 44006 97996 59218 77350 35326 82640 59867 84682 53518 15601  
 49978 76487 53553 63154 98732 80855 55715 86200 60740 53623  
 18861 05616 25038 52737 26290 70246 20916 69625 05293 40140  
 07915 41968 92163 71148 12436 47907 82425 000 000

**7933/9133/10233 kHz, 28-06, 0410/0430/0450 UTC**

912 912 912 1 69198 230 67 230 67  
 46756 42029 89891 84324 52981 11789 59262 88577 43510 14121  
 47694 27458 81194 18950 46134 86411 78025 94397 69364 79422  
 54511 39066 57136 25632 38155 71284 31758 61295 80030 34078  
 44006 97996 59218 77350 35326 82640 59867 84682 53518 15601  
 49978 76487 53553 63154 98732 80855 55715 86200 60740 53623  
 18861 05616 25038 52737 26290 70246 20916 69625 05293 40140  
 07915 41968 92163 71148 12436 47907 82425 000 000

**12182/11082/10182 kHz, 29-06, 1510/1530/1550 UTC**

101 101 101 1 64249 382 61 382 61  
25202 17486 38777 82875 64252 29786 00317 56586 98476 90144  
84902 54523 44055 59750 30035 43429 09195 23383 66675 40562  
86180 82927 04405 04095 42391 98583 73267 77538 70738 01034  
13086 95735 58546 54422 28541 80837 12339 26193 74742 61641  
84015 58204 64459 81418 69630 40435 30954 05608 10665 87533  
38731 70799 04682 27912 14096 16072 18358 82445 06094 40965  
46127 000 000

**13373/14373/14873 kHz, 30-06, 0800/0820/0840 UTC**

338 338 338 1 64249 382 61 382 61  
25202 17486 38777 82875 64252 29786 00317 56586 98476 90144  
84902 54523 44055 59750 30035 43429 09195 23383 66675 40562  
86180 82927 04405 04095 42391 98583 73267 77538 70738 01034  
13086 95735 58546 54422 28541 80837 12339 26193 74742 61641  
84015 58204 64459 81418 69630 40435 30954 05608 10665 87533  
38731 70799 04682 27912 14096 16072 18358 82445 06094 40965  
46127 000 000

***E11a***

**9610 kHz, 01-06/03-06, 1910 UTC**

610/31 Attention  
60751 72695 79485 49926 91409 50730 57902 19252 88062 21731  
53737 20357 73955 90527 32876 71244 39295 57778 53680 71966  
63007 36834 11531 24629 15120 85194 02509 32266 06664 41044  
77762  
Attention (message repeated) Out

**15800 kHz, 06-06, 0640 UTC**

945/32 Attention  
96530 32021 45001 34609 11559 69239 94321 46879 15700 91131  
94768 14646 55185 68907 35393 67736 81238 52995 89374 66919  
52206 92947 95596 05322 07433 67623 93119 09334 87409 53468  
88133 13685  
Attention (message repeated) Out

**8088 kHz, 07-06, 1730 UTC**

415/38 Attention  
75612 95335 96651 33018 60224 84141 62710 34692 06336 96724  
21181 85267 42718 69888 85383 76526 67075 59903 96649 54762  
68143 01278 32024 47339 46633 31387 90452 57491 21209 98990  
20852 81892 17289 45252 27831 65661 80069 29396  
Attention (message repeated) Out

**13537 kHz, 08-06, 1225 UTC**

527/31  
03730 76334 60794 84536 64245 75069 58943 21847 34957 05941  
10279 67188 33886 47638 05159 53294 89037 54492 42632 61532  
11891 87836 85375 81084 31256 18194 51503 37634 05045 84188  
43946  
(message repeated) Out. No "Attention"

**8545 kHz, 11-06/13-06, 1045 UTC**

690/20 Attention

90949 17409 59904 81840 12396 72625 79180 53820 77055 61650

82459 32446 88921 59986 44943 28187 69921 32960 38629 31933

Attention (message repeated) Out

**7600 kHz, 11-06/14-06, 1900 UTC**

641/32

02186 41370 86867 75441 04736 85145 62547 96805 60391 66689

22171 72964 14229 86345 92656 89345 26547 30933 44711 98096

08401 72285 43099 70603 56205 14259 08090 58809 66492 99318

59967 18007

(message repeated) Out. No "Attention"

**6849 kHz, 12-06/15-06, 0700 UTC**

579/32 Attention

90112 31452 54124 10969 15527 40614 25119 32293 48123 07227

41722 60149 43630 32411 07184 43551 36861 61748 35773 90874

39367 34371 60710 41479 06213 62922 04539 23044 24840 59499

11945 76331

Attention (message repeated) Out

**4783 kHz, 12-06/17-06, 1605 UTC**

233/38

54484 96435 03465 28936 85821 76327 13676 18032 93813 55345

93686 06453 03181 87027 15908 17834 70152 57040 74421 31817

36134 07498 21353 91414 19329 86075 21036 00906 78625 03443

52331 57421 84229 17322 72376 71596 76409 52103

(message repeated) Out. No "Attention"

**15800 kHz, 15-06, 0600 UTC**

182/32 Attention

29778 54408 91369 19117 02879 78014 91921 04871 54279 52106

22888 04460 34510 20361 28749 31634 08373 08006 76530 47209

34839 67029 60559 53867 75027 99354 12323 37488 38746 64917

88795 29190

Attention (message repeated) Out

**14940 kHz, 15-06/17-06, 1650 UTC**

921/38

05925 84117 92874 75086 48178 04750 27103 08400 77361 25244

59621 00826 39111 98994 49550 25460 64751 72668 27320 81406

57856 07521 00698 50788 25774 43038 20085 85812 51823 35140

60546 29721 06973 49878 34505 31311 85835 99316

(message repeated) Out. No "Attention"

**6480 kHz, 16-06/17-06, 0710 UTC**

491/36

02321 61979 42556 12528 18735 75491 62197 00836 34025 14006

85800 18547 55744 44220 78112 35901 36238 39619 87331 28199

91206 88922 34913 67283 92820 51615 70087 68514 58434 03571

07046 47401 20705 61670 41924 34993

(message repeated) Out. No "Attention"



**9610 kHz, 18-06/21-06, 0745 UTC**

262/39 Attention

12609 25339 62919 50746 19389 03864 64439 35848 39911 07321  
33713 35145 77095 76158 69128 99608 91319 25809 22982 89839  
90315 45777 65466 64056 31587 17693 06954 59877 92703 42580  
04653 23355 98058 61884 17194 10921 45502 06553 01085

Attention (message repeated) Out

**10429 kHz, 19-06/22-06, 0715 UTC**

635/39 Attention

52737 85254 08928 78784 24133 97962 27068 14988 47258 43234  
52602 68565 87788 89607 93993 94695 05993 61175 75618 69092  
30416 54661 37082 53734 81509 08141 34649 33344 76107 14806  
38693 07196 82799 52501 67059 69843 78849 56677 54516

Attention (message repeated) Out

**15720 kHz, 20-06/22-06, 0745 UTC**

347/38

24489 03637 70932 50256 47824 58527 71954 17335 80586 67808  
36294 33221 34129 65503 83525 64140 70942 70483 72512 73050  
31399 69754 50906 48230 84518 92970 65746 38546 87443 98183  
97850 37897 88431 59113 12265 30353 42551 27854

(message repeated) Out. No "Attention"

**8545 kHz, 20-06, 1045 UTC**

695/49 Attention

56264 87092 79882 35052 92361 23947 87637 97929 22148 80577  
09625 65277 65894 38828 37677 76912 47411 88594 90648 49067  
67387 63193 78674 16648 77515 16719 25589 94060 18104 93672  
33813 42498 61992 35937 06035 98723 93812 39658 08563 26242  
69869 18525 84483 80073 76966 15326 84716 82882 94058

Attention (message repeated) Out

**15795 kHz, 20-06/24-06, 1625 UTC**

978/34

52965 16187 71396 21755 15127 97334 59570 82245 33030 53306  
11416 85708 10045 37373 92093 27417 46079 78179 61072 37328  
70838 09570 84594 24075 11727 01284 45785 28799 23781 92727  
28546 54928 49984 08532

(message repeated) Out. No "Attention"

**7984 kHz, 20-06/23-06, 1730 UTC**

402/37

14551 46692 47254 85350 38625 63398 68825 30901 39721 89672  
36105 55758 86135 05212 06780 72127 00434 21786 40892 43525  
18515 29076 36758 53246 71603 48720 95318 07796 69566 92615  
13531 03213 59231 59074 90444 18641 95962

(message repeated) Out. No "Attention"

**9610 kHz, 22-06/24-06, 1910 UTC**

614/37

26287 38015 72168 76316 70988 91969 36315 91868 78879 40983  
20734 03527 01240 11188 86071 20151 45854 06961 14097 33934  
72064 74088 14537 23198 73580 93541 06327 46780 42807 42033  
53498 31284 02121 54524 73220 25179 00619

(message repeated) Out. No "Attention"

**9079 kHz, 23-06/24-06, 0805 UTC**

319/35

03978 88920 41875 81170 97867 78160 81439 37538 26311 18287  
38065 73238 70714 50824 29635 19061 44945 90078 30571 13059  
67653 34096 46536 19510 74023 26772 10349 91110 77121 47853  
93632 87896 63036 24463 23844

(message repeated) Out. No "Attention"

**13427 kHz, 25-06/27-06, 0900 UTC**

536/40 Attention

71364 33599 25739 02841 62330 23448 31098 15503 92738 67299  
94194 21912 11015 22384 23318 60735 49388 66457 66871 12624  
78133 27159 19870 75078 41646 13546 24853 06184 96351 71648  
38303 28058 46475 75587 91414 53613 10847 07558 06338 06306

Attention (message repeated) Out

**8545 kHz, 25-06, 1045 UTC**

699/49 Attention

56264 87092 79882 35052 92361 23947 87637 97929 22148 80577  
09625 65277 65894 38828 37677 76912 47411 88594 90648 49067  
67387 63193 78674 16648 77515 16719 25589 94060 18104 93672  
33813 42498 61992 35937 06035 98723 93812 39658 08563 26242  
69869 18525 84483 80073 76966 15326 84716 82882 94058

Attention (message repeated) Out

Note: Same message as sent on 20-06 but with a different id.

**6304 kHz, 26-06/27-06, 1205 UTC**

466/33 Attention

81669 29149 81152 99102 77188 01302 06775 38276 89228 54924  
74470 35128 93829 62288 16825 98465 10582 72687 83254 31015  
25684 45933 11488 04695 90424 46134 89859 29570 64152 91511  
53526 12107 95511

Attention (message repeated) Out

**14575 kHz, 26-06/28-06, 1645 UTC**

334/31

27824 32188 25043 20114 30863 49330 61055 53013 01574 27002  
66468 38289 97968 33839 98558 86120 50189 37134 66997 98469  
56164 25437 69429 53567 74309 41799 80547 00449 67710 46657  
72513

(message repeated) Out. No "Attention"

**11581 kHz, 26-06, 1925 UTC**

551/39

97613 64113 79864 57137 57319 26272 01331 88014 26292 51565  
97239 86261 98227 33564 92821 35547 30752 56000 25805 18989  
63973 57252 85605 99096 57413 43945 08328 98443 03575 75099  
07163 27991 29224 27221 37349 83180 45625 34602 99618

(message repeated) Out. No "Attention"

**11581 kHz, 28-06/30-06, 1925 UTC**

585/36

58580 22859 67898 92754 83357 07054 85063 93758 72237 94983  
41582 06698 93417 65120 25314 84531 71173 36612 48242 34949  
04332 31641 67168 29517 03989 29711 12304 97053 49015 74033  
71534 17737 66993 08771 85739 11976

(message repeated) Out. No "Attention"

## **E17z**

**16780/12850 UTC, 21-06/28-06, 0800/0810 UTC**

674 891 5 30309 39342 35474 35494 30766 891 5 00000

## **G06**

**6887 kHz, 14-06, 1830 UTC**

842 273 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

**5943 kHz, 15-06, 1912 UTC**

111 111 111 00000, then moves to 5930 kHz

**5930 kHz, 15-06, 1924 UTC**

111 111 111 00000

**5930 kHz, 15-06, 1930 UTC**

218 273 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

**6887 kHz, 28-06, 1830 UTC**

842 273 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

**5933 kHz, 29-06, 1929 UTC**

218 273 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

**9946/8095 kHz, 05-06, 1700/1730 UTC**

343 618 50

39411 49225 35710 34236 77516 72877 98009 58015 18270 88167  
43319 85000 36134 96006 94130 92368 15611 86935 18368 70793  
40316 05286 43910 65796 43490 20459 08754 97317 49618 53774  
89011 68451 61847 34329 71926 99281 74899 82282 66098 46742  
18151 43040 66099 96461 58588 20737 13674 37511 18300 84482  
376 50 00000

**10423/8167 kHz, 05-06, 1800/1830 UTC**

058 376 50

39411 49225 35710 34236 77516 72877 98009 58015 18270 88167  
43319 85000 36134 96006 94130 92368 15611 86935 18368 70793  
40316 05286 43910 65796 43490 20459 08754 97317 49618 53774  
89011 68451 61847 34329 71926 99281 74899 82282 66098 46742  
18151 43040 66099 96461 58588 20737 13674 37511 18300 84482  
376 50 00000

**13944/11496 kHz, 06-06, 1500/1600 UTC**

387 652 40

40069 24585 82197 36880 25532 80747 20439 81145 41745 84195  
89329 82580 27469 73819 83783 93068 03714 37655 33903 87707  
43901 07439 96478 16054 98810 27075 16117 01501 62243 24732  
04430 30998 88353 43227 10737 02285 96574 08408 82698 20831  
652 40 00000

Activity page: <http://priyom.org/number-stations/slavic/s06/387>More info about this network: <http://priyom.org/number-stations/operators/russian-6/sporadic-network>

Thanks qsr711

**9946/8095 kHz, 07-06, 1700/1730 UTC**

343 827 50

22709 56001 86214 45798 60161 08468 28768 30680 00127 60970  
29175 94729 93244 04867 10008 54789 18620 85166 18762 35515  
10453 02437 81094 54336 76562 74168 51433 93221 50994 66561  
15627 30710 47896 32648 27340 32622 08848 17710 68873 24907  
60841 17915 08096 97057 27090 03113 36175 09521 57857 39729  
426 50 00000

**10423/8167 kHz, 07-06, 1800/1830 UTC**

058 426 50

22709 56001 86214 45798 60161 08468 28768 30680 00127 60970  
29175 94729 93244 04867 10008 54789 18620 85166 18762 35515  
10453 02437 81094 54336 76562 74168 51433 93221 50994 66561  
15627 30710 47896 32648 27340 32622 08848 17710 68873 24907  
60841 17915 08096 97057 27090 03113 36175 09521 57857 39729  
426 50 00000

**9946/8095 kHz, 09-06, 1700/1730 UTC**

343 129 50

35801 03550 73490 74695 42586 36984 36854 66352 43319 94210  
97340 73258 63781 44063 73653 36853 25796 43771 67544 18901  
78200 12599 25700 79660 31437 23537 91951 07710 50443 86498  
17019 37372 85527 21460 17944 14680 45923 44976 04433 97804  
45708 18517 14272 02901 76765 32050 25018 31300 88497 21326  
129 50 00000

**10423/8167 kHz, 09-06, 1800/1830 UTC**

058 471 50

35801 03550 73490 74695 42586 36984 36854 66352 43319 94210  
 97340 73258 63781 44063 73653 36853 25796 43771 67544 18901  
 78200 12599 25700 79660 31437 23537 91951 07710 50443 86498  
 17019 37372 85527 21460 17944 14680 45923 44976 04433 97804  
 45708 18517 14272 02901 76765 32050 25018 31300 88497 21326  
 471 50 00000

**9492/7528 UTC, 15-06/16-06, 2000/2100 UTC**

483 612 95

89951 48801 78830 95080 84918 71159 68123 87108 54131 34561  
 42783 43398 64856 14597 38266 24915 75572 86162 89168 66977  
 95812 78500 37446 94236 97733 70880 23184 77330 56610 08792  
 76466 26378 20653 81059 84754 13764 04162 66433 60321 38776  
 73866 52455 47004 60773 36254 83652 43746 74100 44626 73793  
 14201 14435 26041 51442 85045 97200 26558 23283 57649 37984  
 22675 80330 15849 11424 45905 43749 96714 05564 57680 22023  
 84420 14052 43685 70126 09460 89561 49527 85157 76705 42702  
 04266 61251 04794 90523 33709 88848 58777 79899 77862 21980  
 79964 50020 96245 77132 75835  
 612 95 00000

**13925 kHz, 22-06, 0930 UTC**

842 601 35

79342 84566 63693 94797 04838 38485 03301 31859 30085 88565  
 93500 84891 20544 43026 55060 31042 03527 21318 74649 25810  
 42241 43073 43387 64513 86886 02328 21656 75104 82480 25419  
 22367 03276 38120 36020 29880  
 601 35 00000

**A very unusual 2-groups message from S06:****16022 kHz, 28-06, 0830 UTC / 13925 kHz, 28-06, 0930 UTC**

842 610 610 2 2 11111 00060 610 610 2 2 00000

Recording: <http://www.numbersoddities.nl/S06-2018-06-28-0930utc-2gr-msg.mp3>**S06b****14768/11444 kHz, 19-06, 1325/1425 UTC**

583 741 2

11111 00050

583 609 41

85540 79527 60224 20473 45327 11479 95926 32924 48250 84422  
 27191 96468 74667 22778 64266 78161 13834 17711 62468 27013  
 47973 41261 61572 14724 74739 52374 84684 73798 16484 36997  
 07525 87692 89780 49464 34055 12710 33644 47322 39390 36322  
 19874  
 609 41 00000

Activity page: <http://priyom.org/number-stations/slavic/s06/583>**S06c****8171/7823 kHz, 19-06, 1305/1315 UTC: 11625 (R4m)**

**5737 kHz, 06-06/10-06, 2050 UTC**

486/39 Vnimanaye

44877 04074 00353 69059 43257 16725 06863 85802 68427 85968  
26934 65012 18741 23538 87139 72035 23997 57411 71560 25383  
80167 39489 93900 32519 95736 57612 87990 59318 11448 33075  
59856 03198 39063 94240 58233 04710 26845 83592 12866

Vnimanaye (message repeated) Konets

**11092 kHz, 06-06/09-06, 1540 UTC**

566/37

95728 33000 16828 70035 68515 48158 20890 62157 96395 07638  
83269 84315 73672 75133 00644 65516 79025 70986 11671 93773  
87493 52645 22055 48030 29850 41022 62426 28680 22416 47143  
54652 47652 49837 01748 96625 38736 53704

(message repeated) Konets. No "Vnimanaye"

**10210 kHz, 11-06, 1015 UTC**

471/30 Vnimanaye

99194 20008 32691 08597 20796 52350 15227 88519 25698 63015  
96624 09829 62693 54656 52345 48151 59884 42099 63830 81676  
29759 66341 14794 82980 30990 46470 65205 16918 44984 12555

Vnimanaye (message repeated) Konets

**8800 kHz, 12-06/15-06, 1020 UTC**

426/35 Vnimanaye

91153 16710 67001 26001 37834 80559 56797 83953 04211 04430  
21711 38414 92503 14206 13568 14118 23878 68396 66583 68169  
54760 64364 45880 16469 81844 00394 71181 91477 64883 98808  
41265 49963 77129 53551 41977

Vnimanaye (message repeated) Konets

**4870 kHz, 20-06/22-06, 1955 UTC**

377/32

91023 90847 88581 02662 44153 85969 32225 86460 35124 27850  
04535 62186 71352 52903 54938 52657 23892 55559 71443 19497  
52240 96528 51754 38279 46542 78022 99923 23612 87246 27445  
74443 05765

(message repeated) Konets. No "Vnimanaye"

**5737 kHz, 20-06/24-06, 2050 UTC**

486/33

37254 13605 26157 38506 63855 50187 30930 72827 85914 42190  
62226 63998 70030 78785 71544 77192 23635 74162 68188 20074  
45290 53979 87047 77706 47912 17039 78820 68013 43662 65853  
76275 32467 00409

(message repeated) Konets. No "Vnimanaye"

**17378 kHz, 26-06/28-06, 0735 UTC**

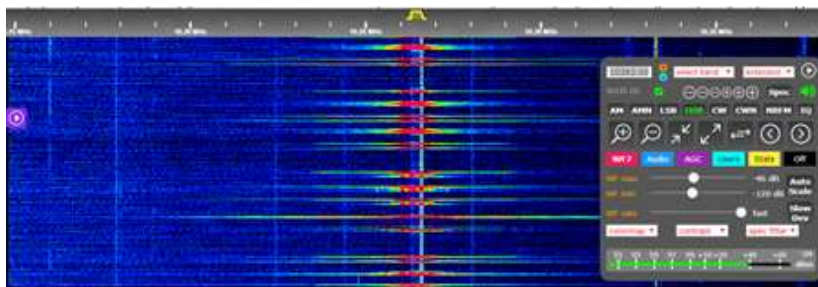
385/34

70142 57031 81416 30586 23560 76149 03140 12149 94303 60096  
85007 56603 86561 71843 47256 96063 66639 40528 09667 73785  
55390 07412 45912 32799 13821 30088 91268 78153 51935 08006  
63247 04105 62651 12524

(message repeated) Konets. No "Vnimamiye"

## V07

Avare sent me a note + recording of AM crosstalk during a V07 transmission on 10263 kHz, 17-06, 0740 UTC Between 2min and 2min20sec you can hear it clearly. It is a Russian pop song.



Recording: <http://numbersoddities.nl/V07-2018-06-17-0740utc-10263khz-partial-msg-music-byAvare.mp3>

Both Danix and Avare sent more recordings and info on 1 July.

It turns out that this is Radio Vostok Rossii (Восток России), a commercial broadcaster based in the Russian Far East, which broadcasts on 103.7 FM and 765 AM out of Khabarovsk. <http://www.vostoknews.ru>

Their name is mentioned by the announcer here: <http://priyom.org/media/172488/12163-radio-id.ogg>

The transmitter site is probably here:

<http://wikimapia.org/#lang=en&lat=48.575798&lon=135.077269&z=16&m=b&search=%D0%A6%D0%A0%D0%A0%208>

[http://photos.wikimapia.org/p/00/05/11/20/31\\_full.jpg](http://photos.wikimapia.org/p/00/05/11/20/31_full.jpg)

<https://www.google.es/maps/@48.5658246,135.0792791,3a,55.7y,22.36h,100.39t/data=!3m6!1e1!3m4!1sUKkKYuY4hss3njcwS4aag!2e0!7i13312!8i6656>

Thanks guys !!

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

V13 is still hopping around without an apparent schedule.

## V24

Token is still keeping track of V24's schedules. You can find the most recent list on his website:

[http://www.tokenradio.net/Radio/SharedFiles/NumbersTfer/V24\\_M94\\_latest\\_sched.JPG](http://www.tokenradio.net/Radio/SharedFiles/NumbersTfer/V24_M94_latest_sched.JPG)

## V28

Freq	Date	Day	UTC Details	Mode
3518	28-6	Thu	1000 Parrot. Message in Korean. Female operator	AM
2935	28-6	Thu	1007 Parrot. Message in Korean. Female operator	AM
3049	3-6	Sun	1006 Parrot. Messages in Korean. Female operator	AM
3000	3-6	Sun	1006 Parrot. Messages in Korean. Female operator	AM
2937	3-6	Sun	1006 Parrot. Messages in Korean. Female operator	AM
3518	3-6	Sun	1006 Parrot. Messages in Korean. Female operator	AM
2931	17-6	Sun	1002 Parrot. Messages in Korean	AM
3518	17-6	Sun	1000 Parrot. Messages in Korean. Female operator	AM
3050	1-6	Fri	1000 Parrot. Messages in Korean. Female operator	AM
3336	1-6	Fri	1000 Parrot. Messages in Korean. Male operator	AM
2936	1-6	Fri	1002 Parrot. Messages in Korean. Female operator	AM
3518	1-6	Fri	1000 Parrot. Messages in Korean. Female operator	AM

## MORSE STATIONS

### M01

#### 5280 kHz, 12-06, 1800 UTC

025 583 583 30 30 = =  
43901 44261 67023 37344 08016 67394 79001 31078 75335 53872  
45201 17070 50982 42410 97867 27452 10675 94732 25007 62376  
86799 79880 40921 12063 15840 55432 78451 69023 22317 64215  
= = 583 583 30 30 000

#### 6435 kHz, 23-06, 1500 UTC

025 579 579 30 30 = =  
28179 06974 70814 01349 68307 92286 30827 42863 30112 66634  
69774 2EEEE 33611 48134 92374 94325 87168 13604 40006 88785 24446  
23935 05834 40167 04092 40765 78295 33854 27586 54059 90790  
SK SK 579 579 30 30 000

#### 6780 kHz, 24-08, 0700 UTC

025 917 917 30 30 = =  
14379 83637 62240 84102 53763 22982 22224 75411 42792 28921  
69893 82452 99928 83949 63224 08176 74138 88151 74728 87191  
13565 65287 90626 42957 25400 66821 69248 16653 52139 30112  
= = 917 917 30 30 000

### M01a

#### 9411 kHz, 05-06, 0532 UTC

751 751 751 96894 96894  
751 751 751 96894 96894  
751 751 751 97919 97919

#### 9051 kHz, 05-06, 0541 UTC

216 216 216 64614 64614  
216 216 216 67467 67467

#### 10233 kHz, 05-06, 0620 UTC

354 354 354 78505 78505  
354 354 354 79326 79326  
111 999  
0xx70 00030 56702 35129 17824 68523 15582 04206 67458 60295  
31435 89351 89849 34356 03461 43184 83537 23871 26000 93641  
54691 75615 09882 52640 76898 00464 73132 41922 42132 68544  
73252 15473 00030 00072 00000 =  
072 35 000

#### 5743 kHz, 16-06, 1413 UTC, i.p..

24757 26955 11015  
111 000

#### 5743 kHz, 16-06, 1435 UTC

111 999  
111 999  
120 15 = 56754 34523 87967 75654 54323 98056 12354 78656 89709 12354 78656 54223 87909 78676 23423 = 120 15  
111 = 75654 78656 = 111 000



**16117/14717/13417 kHz, 04-06/06-06, 1400/1420/1440 UTC**

174 174 174 1 229 93 229 93  
72835 10878 47222 86378 86838 26986 76954 60317 77587 00247  
36987 81322 25411 31825 51214 62350 39852 92023 56109 86852  
55729 89107 79400 75586 43063 03537 56481 61823 23240 57966  
45166 91886 72036 31658 02888 47848 76468 28839 34147 32648  
12984 04499 85014 97209 86655 84127 24337 92505 25240 48986  
59171 89490 34627 57447 70348 45760 39282 62043 46870 10361  
09634 05929 41277 05533 09224 95735 25027 71154 52389 21118  
69447 85367 89250 75072 12829 21547 86378 44895 43894 03939  
51218 00781 13133 45909 43753 14531 13361 34418 68281 75913  
65953 62037 50784 000 000

**10343/9264/8116 kHz, 04-06, 2000/2020/2040 UTC**

124 124 124 1 7384 106 7384 106  
92422 67258 48897 59100 86803 90818 53261 72916 59579 92119  
46007 86182 94874 51334 01457 46771 91684 55811 04687 93294  
05289 66285 62831 53220 72426 57614 28240 03957 58774 01021  
12098 47556 36940 66171 75927 68504 59908 72194 77471 34153  
83745 27315 61856 20873 43708 10224 72604 30196 73219 14693  
84910 41270 16602 39818 69900 09842 36224 73927 38997 19142  
31054 38550 60078 38373 75992 76123 94421 72073 61955 00071  
91220 05144 07793 18000 94121 79989 02782 09132 99651 44987  
34445 06906 38576 34289 55951 27872 56480 80582 17898 60047  
28102 20249 28381 73575 05456 59017 45162 69232 99863 40559  
20009 68475 30989 55721 63933 22439 000 000

**9986/9086/7386 kHz, 06-06, 2100/2120/2140 UTC**

903 903 903 1 267 77 267 77  
05385 30724 10311 55952 24767 48654 05170 40161 07937 01983  
02887 69701 29183 81863 14281 65392 11984 85805 22826 41268  
60345 62903 05472 21014 26944 56791 25610 25858 99064 03226  
71651 95647 38039 52887 21682 98352 68755 16691 64333 55694  
42250 03227 80865 48011 82913 41651 73022 46272 82129 58156  
11119 42856 04580 80573 39081 02405 91669 67371 01988 25501  
67525 27780 28895 77344 75724 11224 15982 59332 59719 52133  
72385 39571 94091 82063 30932 09990 13437 000 000

**14377/13461/12114 kHz, 07-06, 1700/1720/1740 UTC**

317 317 317 1 5728 102 5728 102  
82743 20285 59895 74170 64164 79832 97952 67746 79661 95545  
63510 72560 73381 96716 21030 70881 50284 67828 24795 77689  
30270 30589 46363 92377 41982 29137 69141 87548 31263 77951  
90429 53313 93340 66599 00746 82814 86985 70521 17234 91652  
31593 04822 48388 59056 69537 21057 48925 48034 99624 68184  
93238 75334 18908 60712 57090 63201 80021 08099 85503 13436  
04937 24612 24612 80159 61695 80660 01054 51604 88956 73207  
94932 20473 27729 81924 94838 22535 22658 15164 70008 60506  
00201 28395 99438 81422 63693 52208 73024 87815 21875 52897  
58381 85411 47998 95853 76505 49525 62238 08588 98035 11530  
62353 85827 000 000

**10343/9264/8116 kHz, 07-06, 2000/2020/2040 UTC**

124 124 124 1 6145 124 6145 124  
35115 06501 71816 25084 85410 43896 72891 44449 13997 33470  
14913 40305 55623 77347 79065 75399 89348 61294 28907 39041  
53600 90354 15337 68878 43853 74644 36880 62004 05664 77679  
00646 24778 57046 74152 47860 21827 80040 87239 05004 21185  
55565 03934 75352 67250 01691 71463 52025 54371 91311 10712  
37566 08771 21483 67894 24441 75220 56523 80372 43857 04683  
22149 67664 39978 90596 71485 34849 28811 56118 28479 52131  
21082 60958 04944 28693 97098 69321 98669 51215 31048 83300  
32392 37917 22759 88073 79225 64205 15273 91063 69080 86617  
57653 85393 20107 18456 57748 32235 86868 89521 47427 35379  
47937 91581 73962 25933 39570 67192 48394 72640 58091 86487  
47093 25922 60122 44831 04175 92103 30567 37226 05484 65449  
40174 73959 31996 49850 000 000

**9282/10982/12182 kHz, 09-06, 0500/0520/0540 UTC**

291 291 291 1 267 77 267 77  
05385 30724 10311 55952 24767 48654 05170 40161 07937 01983  
02887 69701 29183 81863 14281 65392 11984 85805 22826 41268  
60345 62903 05472 21014 26944 56791 25610 25858 99064 03226  
71651 95647 38039 52887 21682 98352 68755 16691 64333 55694  
42250 03227 80865 48011 82913 41651 73022 46272 82129 58156  
11119 42856 04580 80573 39081 02405 91669 67371 01988 25501  
67525 27780 28895 77344 75724 11224 15982 59332 59719 52133  
72385 39571 94091 82063 30932 09990 13437 000 000

**10343/9264/8116 kHz, 11-06, 2000/2020/2040 UTC**

124 124 124 1 6648 107 6648 107  
93459 84348 18907 06428 55115 63285 12268 65985 88431 77092  
75774 99065 22958 00287 52911 82198 76210 15703 60921 11383  
10081 52044 42336 79983 58809 28290 56256 92126 63389 84521  
60864 69348 33599 68333 60104 94311 36617 77067 76000 46867  
56818 41808 89478 90047 32858 08402 26191 70011 55162 76945  
09806 94254 83314 82528 54176 54176 60004 62350 93803 02251  
76898 55387 76087 31896 04189 48485 02487 58314 68463 86205  
16369 23683 37670 10198 77207 82649 04115 65093 72602 80485  
07398 65495 61087 42008 75000 72812 67921 98641 67305 43135  
91659 36799 53058 76810 79914 93352 47090 30515 44623 35806  
17992 65747 42438 13037 84982 69777 76283 000 000

**14377/13461/12114 kHz, 14-06, 1700/1720/1740 UTC**

317 317 317 1 8158 108 8158 108  
98639 80592 53580 51983 86684 42183 86400 12482 60642 15453  
79712 17767 23045 15334 45900 88209 20884 46328 35297 91652  
93172 45453 43523 84241 33915 11500 29365 92364 65711 54368  
81476 12199 12599 99182 06572 12717 22202 40876 53915 10911  
11247 36821 73186 30800 16771 90330 03314 56124 05512 52548  
11645 06330 10867 88692 65793 60284 03861 64606 90091 90592  
34890 23247 39064 28883 30145 85346 08837 33895 98305 90219  
29236 04207 99575 82149 38528 22332 66647 73869 74513 89465  
40629 76961 50882 62135 17944 82425 12980 22381 03861 13834  
38450 50972 15956 15299 13302 03008 80297 36347 73768 09967  
08586 62081 75204 07234 22599 50175 51478 48250 000 000

**10343/9264/8116 kHz, 14-06, 2000/2020/2040 UTC**

124 124 124 1 2498 116 2498 116  
38448 31587 16449 96962 65160 65270 66532 78908 82202 47992  
50514 46514 49422 58124 31051 72189 45155 22287 33578 27900  
34231 19156 13761 80306 23580 19771 36614 57084 70565 33957  
69655 98160 47713 15082 09008 56574 02760 09243 47599 13713  
00796 17992 32374 53161 47606 42918 35323 47888 30494 42928  
91105 40939 25441 85843 96579 97461 57207 25860 08068 02715  
29929 55965 13699 28356 77413 61367 63372 07436 90281 58203  
86560 53370 87746 90128 21946 44551 47204 19840 55669 49044  
53842 46625 41898 82145 66264 49970 17064 66666 63926 41121  
05087 43305 21313 95198 15910 61554 38067 64174 74991 17888  
93244 12197 21123 71225 45138 22494 48881 74545 91244 47479  
08193 88980 68624 44667 14449 94423 000 000

**10343/9264/8116 kHz, 18-06, 2000/2020/2040 UTC**

124 124 124 1 5909 102 5909 102  
28840 48628 80146 57699 12638 9x899 14468 22869 84860 94928  
33216 66365 20005 34625 49108 07730 90535 99185 86811 11666  
41946 54401 36096 82111 66750 78927 87746 33341 31844 99177  
09290 46777 13054 55250 27088 95275 76383 80536 15486 48523  
64426 64977 54945 34721 24530 38251 99808 34127 48329 89004  
44948 62838 88924 04079 63812 08750 20967 10997 85846 29956  
76914 95817 54688 10093 75167 46338 30780 51951 54360 98017  
41340 84198 84512 18816 70335 63822 61998 10951 84589 99183  
54859 43882 78690 65207 88006 69380 49357 67408 52043 51306  
01715 85535 13823 30537 28621 98777 99255 72871 02514 55541  
35948 17335 000 000

**9986/9086/7386 kHz, 20-06, 2100/2120/2140 UTC**

903 903 903 1 7847 117 7847 117  
46590 61917 91921 87176 24339 61153 09804 83541 00511 80754  
22054 55703 18768 77576 13143 59298 70780 87740 89721 36740  
97942 81376 92147 17575 92481 75464 60442 58812 27546 67176  
51819 49791 59612 28868 95149 75320 04848 89328 48955 67686  
70519 31189 98025 84651 88784 67471 92610 26337 89150 58172  
21196 12629 93272 89653 56635 60489 25734 48830 18794 43129  
00618 19512 46834 53300 21230 12562 22174 12520 56736 31888  
04277 52855 97869 95137 58399 14347 68416 69127 13976 62588  
85418 72123 19670 57006 17495 77566 96446 41989 84902 38128  
27995 68429 95218 72873 89930 64756 73228 39600 21596 53779  
43077 49256 30544 46498 04613 52042 79193 28045 49157 00890  
64326 47258 58304 14005 99099 58824 40261 000 000

**14377/13461/12114 kHz, 21-06, 1700/1720/1740 UTC**

317 317 317 1 3765 110 3765 110  
04276 63218 47327 18668 89821 31026 92851 40029 19715 33164  
13341 47191 02621 04036 16369 85992 53973 44386 30899 03337  
22504 61111 02224 43914 04063 61378 38507 53688 36213 28876  
05446 23257 41077 95626 31402 72103 61896 99314 72876 38478  
70987 74729 47126 52424 85228 85434 10504 37263 44344 97876  
31464 08068 18919 55854 51477 11146 76211 39004 61267 41801  
43655 08144 79371 35743 41184 77240 57622 79088 84590 11536  
30798 18240 49882 51464 57566 35456 51541 20400 39002 79617  
68195 72407 93686 57922 21926 04736 68076 53236 72831 17083  
41033 04431 02885 13465 04940 81407 33775 74216 64366 67743  
23792 67292 87392 71622 34610 22517 48887 49127 29731 61360  
000 000

**10343/9264/8116 kHz, 21-06, 2000/2020/2040 UTC**

124 124 124 1 3563 128 3563 128  
90861 13927 79109 99242 84639 83142 65517 29643 08818 35387  
88553 08370 41809 21427 47470 72489 28753 89887 09835 75968  
27172 12838 93222 65112 33506 95541 55544 54209 43418 90993  
01215 38700 79922 62231 46854 20868 21431 06062 92872 37320  
33411 88911 23901 04259 39030 11653 59132 81465 40752 53685  
61585 97903 66579 26928 75153 18053 09268 43259 21418 53210  
86030 52514 64668 42479 38872 87644 28306 25746 88412 88022  
13333 27200 33089 35461 24145 76817 26804 73893 27015 47907  
08564 47384 77010 68338 17502 93827 55698 76238 23880 52214  
11093 13488 13364 36194 31712 41382 21262 51032 14607 30329  
06435 57362 00270 09199 38685 60635 34490 36900 62767 08114  
17734 52946 31768 70230 94304 62220 01092 11136 36074 70253  
54023 22449 28515 43015 69510 45439 72888 72431 000 000

**9282/10982/12182 kHz, 23-06, 0500/0520/0540 UTC**

291 291 291 1 7847 117 7847 117  
46590 61917 91921 87176 24339 61153 09804 83541 00511 80754  
22054 55703 18768 77576 13143 59298 70780 87740 89721 36740  
97942 81376 92147 17575 92481 75464 60442 58812 27546 67176  
51819 49791 59612 28868 95149 75320 04848 89328 48955 67686  
70519 31189 98025 84651 88784 67471 92610 26337 89150 58172  
21196 12629 93272 89653 56635 60489 25734 48830 18794 43129  
00618 19512 46834 53300 21230 12562 22174 12520 56736 31888  
04277 52855 97869 95137 58399 14347 68416 69127 13976 62588  
85418 72123 19670 57006 17495 77566 96446 41989 84902 38128  
27995 68429 95218 72873 89930 64756 73228 39600 21596 53779  
43077 49256 30544 46498 04613 52042 79193 28045 49157 00890  
64326 47258 58304 14005 99099 58824 40261 000 000

**16117/14717/13417 kHz, 25-06/27-06, 1400/1420/1440 UTC**

174 174 174 1 479 161 479 161  
54736 52626 03139 86241 11708 55782 91425 42576 03032 87880  
13150 70216 34435 77419 85719 32545 93186 05542 91794 62290  
80528 65505 79676 03492 90887 30680 10342 90285 87340 77641  
11776 13844 25521 55810 57565 01689 30091 68635 33779 67973  
88844 72796 64966 07502 37688 84675 47455 51351 83419 03275  
21404 59869 12826 25122 19117 51150 07991 25917 12259 86908  
76483 59735 81235 70464 69561 43672 31941 98753 73143 78964  
41504 75124 98731 32593 37180 34128 28176 94294 93392 32868  
27027 87538 35102 89127 62675 90522 36033 64082 54748 40592  
47241 43634 37623 64751 45762 25084 55347 15706 11509 43871  
90134 85194 49426 20842 86478 78024 55178 17436 97213 96156  
40241 69159 85867 74831 76805 13412 83100 65912 27410 28624  
82308 35744 32761 30131 55357 25815 99417 39848 25686 23914  
79254 53018 25419 82552 38584 33645 05063 33431 92156 70965  
17281 90895 95819 47044 96044 33753 90199 18628 52074 23275  
53329 96850 90073 61351 72569 25256 52328 38157 05386 85162  
84414 000 000

**10343/9264/8116 kHz, 25-06, 2000/2020/2040 UTC**

124 124 124 1 4876 101 4876 101  
 91384 06258 00685 53870 92603 35280 83169 82102 72552 38621  
 94520 12814 36276 55750 34645 32089 00218 83604 58368 94652  
 32342 13439 66249 97588 18208 14040 08753 82818 89693 10380  
 27768 96861 60789 71860 02432 85571 40370 20126 36087 26577  
 78156 60005 45051 74205 98096 10972 80351 84402 49064 71241  
 16861 21276 83306 97175 57251 71395 61709 22752 80570 67387  
 33436 71135 10735 87508 12087 68799 22837 81122 78034 33958  
 57089 25815 94112 13564 67617 35500 91361 47608 01064 65087  
 28085 37170 72700 92367 24961 36252 51069 18894 96846 30621  
 71139 79559 13736 80538 47917 17433 30372 92645 71532 24570  
 17335 000 000

**14377/13461/12114 kHz, 28-06, 1700/1720/1740 UTC**

317 317 317 1 7321 109 7321 109  
 48772 17109 11363 57970 84601 74465 50084 09528 65063 56456  
 72568 35934 83574 92801 05670 59799 21261 92225 20887 86862  
 26236 32412 14275 24582 23354 12745 63444 76148 55864 76613  
 49212 42041 23314 18829 16811 37392 24390 56149 22118 82514  
 23621 21272 81554 83496 95329 99966 23281 75805 90040 36777  
 74795 89767 39080 24984 30243 35174 50637 88891 53924 70929  
 59368 04275 03023 60042 11083 23638 89788 82808 97181 39243  
 44559 76497 65474 63750 16032 33966 69484 66844 33830 14837  
 55974 17971 38926 05356 85171 75056 11228 36150 81728 58139  
 08274 37475 29253 52240 32751 43128 40659 21098 88692 41501  
 28389 69151 53153 44948 54972 09803 80144 93674 69480 000 000

**10343/9264/8116 kHz, 28-06, 2000/2020/2040 UTC**

124 124 124 1 4426 117 4426 117  
 24617 93497 39448 57249 31420 34179 20229 25667 83764 92496  
 34794 60872 14698 60817 23561 19478 21434 40009 62253 57954  
 19664 94201 81321 04019 44977 04775 70579 99120 16740 10212  
 21496 12811 32028 86921 27774 23815 65129 70763 76301 22908  
 93823 27669 71469 85033 47770 31799 09415 43660 10748 15874  
 10251 22841 42284 34805 74768 22845 91173 05492 98110 74351  
 86039 53560 18845 38426 91793 03516 47203 10142 25137 54135  
 61936 98752 61995 40116 74852 84470 34667 84626 94863 45781  
 65327 23000 86916 55195 08994 23674 88635 48937 27316 30826  
 70197 04522 24116 69657 89985 63145 49546 49285 72518 73609  
 36942 61798 04412 41868 74644 58701 83867 88669 79518 37312  
 73489 31356 63540 91636 71189 76843 35128 000 000

**M14****7605 kHz, 01-06, 1900 UTC. Messed up M14**

735 (R4) 73 pause (46 sec) 594 66463 25000, then off

**6856 kHz, 12-06, 1820 UTC**

163 124 124 89 89  
 67345 90347 89346 12904 87340 89456 34895 68346 90347 23784  
 89456 34895 23894 90237 12784 34785 89453 78456 90344 23891  
 34785 67456 89457 90346 89457 23894 34895 78556 29004 45673  
 89342 78349 23894 12904 34895 67348 67346 23784 34895 12905  
 34785 56347 89340 90348 08906 34675 78456 89340 23905 34906  
 67458 89457 34785 67895 90678 34905 67905 90345 22906 34907  
 23895 34896 12905 89340 23904 45673 89450 90458 23895 90458  
 23895 12895 56784 90457 90348 45893 90457 23905 67458 90458  
 45783 45893 90457 34896 56784 23675 34895 89456 89340  
 124 1 124 89 89 00000

**18041 kHz, 13-06, 0500 UTC**

952 703 703 60 60 = =  
81871 57144 99776 08868 81827 48538 38555 30450 21475 71750  
11023 32541 19254 40141 64821 32513 32905 71788 12181 75779  
85759 39672 74624 28024 71641 14933 92986 94090 93065 76632  
69970 99472 12433 86450 37394 95332 20893 51771 65346 73005  
54571 25571 55413 98893 12857 16576 85182 05733 58412 08100  
96196 01120 03624 09015 42561 79283 13153 85290 42374 46997  
= = 703 703 60 60 00000

**18041 kHz, 14-06, 0500 UTC**

952 816 816 50 50 = =  
83902 90267 90056 82649 08007 42593 58633 00035 66170 83248  
79361 32237 76535 14544 96772 41831 26554 21669 51438 79796  
86729 10138 10947 59146 72496 83958 04492 46622 96439 75460  
15758 45887 78025 62715 13806 70667 03047 35506 26620 31269  
49960 95754 87024 82910 25303 03366 05655 09310 75379 03421  
= = 816 816 50 50 00000

**18041 kHz, 18-06, 0500 UTC**

952 638 638 50 50 = =  
44808 36443 94971 81390 67439 17872 48050 99413 35446 21111  
48923 70422 40024 73208 63175 49074 63124 02261 97961 79525  
42392 55839 62894 43589 30727 92560 96640 37519 98916 88993  
70196 32081 54768 29076 02742 95619 77189 68248 51045 84797  
88634 89476 58331 32705 14388 93358 73559 89008 02076 89500  
= = 638 638 50 50 00000

**18041 kHz, 19-06, 0500 UTC**

952 471 471 60 60 = =  
04074 14776 74150 52300 34339 50418 32420 36440 81385 29389  
06028 98526 63518 05888 54316 52047 07045 80762 03088 08801  
59891 13349 22525 62259 77193 93163 04435 67522 89794 26159  
12240 85035 91593 15206 02162 80265 06679 39506 39040 96522  
22180 62622 55210 43112 97789 23801 25887 66009 87868 92291  
59493 93238 37100 89331 26361 72144 35607 07508 74258 40753  
= = 471 471 60 60 00000

**18041 kHz, 20-06, 0500 UTC**

952 306 306 55 55 = =  
77494 44014 76586 48623 26195 83529 55300 53247 31434 54587  
06281 43524 44364 50322 57084 41691 73421 74127 05713 17904  
45140 12454 28341 47649 84977 07705 87545 71605 10353 92162  
45692 81370 53075 68893 13205 79525 53357 50559 86371 87432  
92598 92075 54398 99235 57120 78058 80381 05488 50053 50992  
85895 34843 93552 91056 93885  
= = 306 306 55 55 00000

**9463 kHz, 20-06, 1230 UTC. Unscheduled transmission.**

801 637 637 25 25 = =  
12256 37309 23780 79563 87652 59137 22662 50304 61208 17106  
18059 28014 18132 67321 15778 43069 92014 61308 66279 87004  
11697 74096 73899 02376 69325  
= = 637 637 25 25 00000

**18041 kHz, 22-06, 0500 UTC**

952 307 307 55 55 = =  
91168 50489 86004 13534 02918 43423 13307 21708 94586 18150  
80871 89259 81275 97709 16579 93940 18515 68617 72301 66678  
93736 06971 98244 82004 72142 76549 77139 47787 39155 09808  
72993 67733 06634 07726 74076 75067 75056 19439 34837 60849  
68836 87595 46425 45353 86976 70373 90517 65952 36244 76090  
56140 79946 39046 71351 24150  
= = 307 307 55 55 00000

**5430/5560 kHz, 23-06, 0800/0900 UTC**

171 121 121 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  
89631 23122 32456 54231 21553 84763 32488 02121 03213 21022  
31034 56450 31545 02458 81230 67312  
121 121 56 56 00000

**5560 kHz, 23-06, 0828 UTC**

Test: 67 17612 57032 08145 04176 07859 76197 0302

**18041 kHz, 25-06, 0500 UTC**

952 681 681 50 50 = =  
88569 48041 33356 07563 80930 05352 70010 04132 44227 93933  
22526 60341 21470 01272 65510 10147 62005 46921 35875 08782  
70384 70611 92103 22858 25648 72400 33779 21749 06952 84567  
79797 62414 86481 79936 28717 84883 75592 46301 49668 60565  
35099 81664 77267 60569 85675 89959 08980 36251 79282 81940  
= = 681 681 50 50 00000

**18041 kHz, 26-06, 0500 UTC**

952 347 347 55 55 = =  
25053 99189 62435 68088 01389 07745 37175 89383 84830 04597  
93758 04534 74767 90369 28749 38514 81904 22664 25523 60138  
84943 43215 08855 48721 32683 32117 34754 37019 27454 68775  
13994 22624 50849 04290 92770 65006 17669 74948 38925 10382  
69033 11524 07174 11609 40589 24056 81780 35280 66749 66814  
20097 73222 06910 13118 45436  
= = 347 347 55 55 00000

**18041 kHz, 27-06, 0500 UTC**

952 160 160 50 50 = =  
42813 01573 92389 83645 11173 56909 10497 49975 65030 53562  
12136 57733 40220 04370 04821 36172 16371 49344 72964 04105  
46317 21486 00696 52765 14131 55671 10019 05320 76439 14029  
81476 88981 66750 26271 49538 80660 67435 68393 89871 12081  
79087 28202 40694 45316 41926 31084 25408 54663 88939 24478  
= = 160 160 50 50 00000

**5938 kHz, 27-06, 1920 UTC**

417 417 707 707 42 42  
89734 67523 56423 45678 45398 87943 76834 67843 67854 89056  
78654 89543 87645 98007 00578 56743 09854 67230 63028 56489  
42367 98054 34578 32189 00177 65732 98023 56723 78932 01234  
54677 79289 56743 75623 07089 45467 01925 01223 56723 92934  
65723 76534  
707 707 42 42 00000

**18041 kHz, 28-06, 0500 UTC**

952 478 478 55 55 = =  
 34109 36836 02502 27532 43930 45861 98673 20956 60491 08954  
 81125 95782 85629 80601 23725 03545 63028 84267 44068 08578  
 71078 70475 62612 27393 38497 88646 30641 12286 81138 64905  
 88026 83878 83433 03022 36706 42269 72896 50695 40827 11481  
 61131 98343 89478 96907 49785 02619 82972 60427 24878 51795  
 28583 42878 87946 15258 56703  
 = = 478 478 55 55 00000

**18041 kHz, 29-06, 0500 UTC**

952 103 103 60 60 = =  
 79762 83841 13926 80205 52933 58405 95817 62678 68552 43684  
 12729 72766 11391 43589 59481 35914 40380 86352 20078 61379  
 22985 90120 64432 69598 90756 34509 74871 68475 39527 55296  
 88368 08276 22666 04453 65431 69838 10834 42685 21592 65756  
 16689 56698 82428 59250 07965 18336 48062 30393 57366 27819  
 78062 44392 02721 08242 32701 01607 15819 43531 31492 73991  
 = = 103 103 60 60 00000

**5430/5560 kHz, 30-06, 0800/0900 UTC**

171 349 349 56 56 (171 17 33 456 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 32478 21568 24878 32485 24589 32489 23458  
 89731 23132 32456 54231 21553 84763 32488 02121 03213 21022  
 31034 56450 31545 02458 81230 67312  
 349 349 56 56 00000

Error in the first transmission. Text between brackets.

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

4791 kHz, 05-06, 0453 UTC	=990757??0????? =990758??0?????
7249 kHz, 06-06, 0537 UTC	=9900841??0????? =990842??0?????
5221.5 kHz, 06-06, 1820 UTC	=992123??0????? =992124??0?????
3244.5 kHz, 07-06, 1803 UTC	=992107??0????? =992108??0?????
4440.5 kHz, 08-06, 1558 UTC	=991858??8????? =991859??8?????
4440.5 kHz, 10-06, 1432 UTC	=4259325932??0 =4366836692??00 =
6421.5 kHz, 12-06, 1603 UTC	=991905??8????? =991906??8?????
4791 kHz, 12-06, 1630 UTC	=18900422051131 =991935??0?????
3691.5 kHz, 13-06, 1811 UTC	=992111??0????? =992112??0?????
4582 kHz, 15-06, 1059 UTC	=991359??0????? =991340??0????? =991401??0????? =991402??0?????
5918 kHz, 16-06, 0711 UTC	9611253877411 95112538868195189
6440.5 kHz, 19-06, 0852 UTC	=991152??0????? =991153??0????? =991154??0?????
6843.5 kHz, 19-06, 1203 UTC	=991503??0????? =991504??0????? =991505??0?????
7162 kHz, 19-06, 1739 UTC	=99?2039?9????? =99?2041?9????? =99?2043?9?????
3691.5 kHz, 20-06, 1307 UTC	=991607??0????? =991608??0????? =991609??0?????
6843.5 kHz, 27-06, 0703 UTC	=991003??0????? =991004??0????? =991005??0?????
7799 kHz, 27-06, 0747 UTC	80616337366 =990604????0????? =991048??0???????
3691.5 kHz, 27-06, 1448 UTC	=991748??0????? =991749??0????? =991750??0?????
4385.5 kHz, 28-06, 1638 UTC	=99?1937?9????? =99?1939?9????? =99?1941?9?????
5431 kHz, 29-06, 0944 UTC	=99?1244?9????? =99?1246?9????? =99?1248?9?????



**4762.5 kHz, 16-06, 0614 UTC**

9500 25285 2332 517  
9500 7150 511400  
9500 252 656633  
9500 252 6567 34  
9500 2526579 35  
9500 2526578368 ... / ... 51795007150 51140  
9500 2528527 42  
9500 2508529 43  
9500 2529524 44  
9500 2528539 45  
99500 2528534 46 517  
9500 71205111300

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

**5649 kHz, 13-06, 1743 UTC, i.p.**

128812482 43 RPT 722194936340085696128812482 43 AR

**4146 kHz, 05-06, 0457 UTC, i.p.**

0..85736488658  
5176085810255116458  
33868572648860000  
6985726488502 1111  
33886665726488404  
8125968551110004  
3389685726488906  
3389685726488408  
8100968551124008  
9685726488408  
9685726488910  
1909685810

**3687 kHz, 09-06, 1749 UTC**

FZY2 WZD 30012545235 718033722511300170034 = 3003 0117995 726034 7225113003500 35 K

**4416.5 kHz, 13-06, 1501 UTC**

U17Y 722194 97532528581128811201745 RPT 722194 97532528581128811201745 U17Y K

**6803 kHz, 16-06, 1354 UTC**

VVV VVV VVVV = 722 1949603 2532 20711 6543 1101 648722 194 9503 253 20 71 1 654 3 1100 ... K K K

**M89 - Chinese military**

**4367 kHz, 08-06, 1201 UTC, i.p.**

QSY TO 74A. QSY TO 7411  
VVV YIWO DE VGF3 K K  
QSA 1 AS AS  
QSA 1 QSY NR 03 QSY NR 03  
VVV YIWO DE VGF3 K K  
R QSA 2 K  
R IEC BT 4213 AR K (Normally used during exercises)  
R HR NR 312 312 K  
UP SB WK K  
R CHG UP SB WK K

**4433 kHz, 08-06, 1207 UTC**

TO 3918 =  
 DY3N /XL2 AR K  
 R QSL 2006 (Other station also on this frequency)  
 QSL 2006 K  
 R R  
 R HR MSG GA K  
 R GA  
 NR 1433 CK 400 68 0608 2000 RMKS 3918 TO 3973 K  
 R GA  
 R = = = AT4N UN4D 73UA T73N A5UD 4N7U N57T (Cont'd)

**4521 kHz, 08-06, 1212 UTC, i.p.**

NR 910/EX 2015 =  
 FSD/0FC  
 NR 910/EX 2015 =  
 NR 910/EX 2015 =  
 FSD/0F AR QSY TO 11 NR QSY TO 11 NR QSY TO 11 NR VVV

**6921 kHz, 15-06, 1227 UTC, i.p.**

OK NR NR 0384 CK 30 24 0615 2000 RMKS 5375 TO 7483 K K  
 R NR NR 0384 CK 30 24 0615 2000 RMKS 5375 TO 7483 K K  
 NR NR 0384 CK 30 24 0615 2000 RMKS 5375 TO 7483 K K  
 R R = =  
 76DT 7NT5 6U75 6UTN ATN4 UTA5 U46D U7T5 N643 A47N  
 536D 5T6U 533N 3ATD A7TU DTU4 547T DU7N 7DNA D4TU  
 6753 65TN3ANT NUA7 NT64 3D73 U6DN 5ANU 5N63 D64A AR AR K  
 SK SK

**5477 kHz, 27-06, 0623 UTC, i.p.**

TUDA 5T6A 647T 37TN 63AD U7TD  
 AS AS  
 QSL ?  
 QSL ? K  
 QSL ? K  
 R QSL 1437 K  
 R U 7G GA K  
 R MSG 649 IIIII  
 NR 7460 CK 400 82 0627 1400 CK IIII RMKS 8148 TO 8125 K  
 R GA K  
 R = = 3NUT TD5U 635T 3TNU DUT5 UNAT (Cont'd)

***M95 - Chinese military*****4243 kHz, 07-06, 1146 UTC**

VV HR MSG TO YR PSE CY  
 NR 071 CK 18 35 0607 1513 =  
 5TD 5TT TT7 3U6 3A4 353 36T 4TN T6U N4A  
 444 36A TTU TT3 773 435 3DU 4D4 AR  
 MSG AGN  
 NR 071 CK 18 35 0607 1513 = (Repeats message) AR  
 A HR MSG GA  
 NR 14 CK 14. 35 0607 1606 =  
 UTU TT6 3U6 3A4 TTU 773 354 373 N3D (Cont'd)

**4364//8073 kHz, 07-06, 1142 UTC**

V BNGC (x3) DE XSV85 (x2)  
HR MSGS GA PSE CY  
NR 0470 CK 234 35 06 07 1556 =  
TT7 3U6 3AN 3U7 TAU 773 TA7 773 TU4 773 (Cont'd)

**4243 kHz, 08-06, 1147 UTC**

MSG TO YR PSE CY  
NR 073 CK 35 0608 1550 = (Did not send CK count)  
5TD UTT TTD 3U6 3A4 356 4TA N3D 4T7 U7U  
N4A 434 3DA TTU TT3 773 435 3DU 4D3  
A HR 7G GA  
NR 16 CK 125 35 0608 1605 =  
.TU TTD 3U6 3A4 TTU N44 TT3 773 357 373 (Cont'd) AR  
A HR 7G GA  
NR 092 CK 14 35 0608 1622 =  
UT5 TTD 3U6 3A4 TTA TTU TT3 773 356 36U 4T7 445 4D4 3DA AR  
A HR USB WK

**4364//8073 kHz, 08-06, 1142 UTC**

V BNGC (x3) DE XSV85 (x2)  
HR MSGS GA PSE CY  
NR 0476 CK 266 35 0608 1601 =  
TTD 3U6 3AN 3U7 TAU 773 TU4 773 353 (Cont'd)

**3289 kHz, 15-06, 1212 UTC, i.p.**

/CCK CK 199 9.EEEEE MSG MSG NR 184/CCK 199 96 0615 1640 RMKS NA0346 TO 0303/9440 EEE  
RMKS = 0346 TO 0303/9430//9430/0353/0383/0783/1661/0673/0563/0633/0883 TO 0346 AR K  
OK 01P GA  
.34D 47D6 TN76 35TU 7TNA 4TNU 3UN5 U56. 7.6N AU4N 73NT (Cont'd)  
III MSG 02P GA =  
AR K  
OK HR WK NR 605 605  
OK HR WK NR 605 605  
OK NIL SK GB

**4243 kHz, 15-06, 1147 UTC**

MSG TO YR PSE CY  
NR 87 CK 17 35 0615 1500 =  
5TD UTT TU5 3U. 3A4 356 4TN U7U N4A  
445 3.A TTU TT3 773 446 3D3 4D3 AR  
A HR MSG GA  
NR 30 CK 105 35 0615 1625 =  
UTU TA5 ... 3A4 TTU 773 357 DN7 (Cont'd)

**4364//8073 kHz, 15-06, 1140 UTC**

V BNGC (x3) DE XSV85 (x2)  
HR MSGS GA PSE CY  
NR 0508 CK 285 35 0615 1614 =  
TA5 3U6 3AN 3U7 TAU 773 357 4T3 NN3 447 (Cont'd)

**10180 kHz, 20-06, 1000 UTC**

A NR NR 048/CCK CK 91 555  
NR 048C CK K N55 5 5 555 5  
NR 048/CCK CK 399 29 55  
NR 048 EEEEEEE  
NR 048/CCK CK 299 21 0620 1805 RMKS BSS RMKS BFS = =  
D7AD T6TA T4D4 4754 .T.U DANA (Cont'd)

**4243 kHz, 22-06, 1148 UTC**

V VV VV V HR MSG TO YR PSE CY

NR 002 CK 17 35 0622 1506 =

5TD UT. UU3 U63 A4. (Cont'd)

AR

MSG AGN

NR 00. CK .7 35 0622 1506 =

5T.... (Cont'd)

AR

A HR MSG GA

NR 44 CK 130 35 0622 165. =

UTU TUU 3U6 3A4 TT. 773 354 (Cont'd)

## ***UM10 - 10-minutes net***

3525 kHz, 03-06, 1757 UTC	QK4S //4310 kHz
5860 kHz, 05-06, 0805 UTC	MIBH (new callsign)
5755 kHz, 07-06, 0749 UTC	NTQN //6776 kHz
6776 kHz, 07-06, 0749 UTC	NTQN //5755 kHz
3280 kHz, 13-06, 1246 UTC	HUU4
4310 kHz, 13-06, 1326 UTC	QK4S
3525 kHz, 14-06, 1059 UTC	QK4S //4310 kHz
3525 kHz, 15-06, 1220 UTC	QK4S //4310 kHz
3279 kHz, 16-06, 1850 UTC	HUU4
3280 kHz, 19-06, 1846 UTC	HUU4
3525 kHz, 20-06, 1326 UTC	QK4S
5755 kHz, 29-06, 0915 UTC	NTQN //6776 kHz
3525 kHz, 20-06, 1326 UTC	QK4S //4310 kHz
4310 kHz, 27-06, 0846 UTC	NTQN //5755 kHz



Former listening post of the Dutch Navy on Terschelling island, Netherlands. It was built after WWII on the base of a German search light. This landmark is now in a bad shape.

### HM01 - Dirección General de Inteligencia

#### HM01 oddity:

11435 kHz, 27-06, 1607 UTC

Windows sounds into 03264 18145 10703 36362 81136 45854.

The YL was also talking over herself with another set of groups of numbers simultaneously - very jumbled mess.

#### HM01 RDFT file log by MDK2 - Updated 30 June 2018

Date (DDMMYYYY):	Numbers:	File name or repeat:	Freq (kHz) and time(UTC):
01/06/2018	74055	31247405.txt *	11435 1600
	13063	50421306.f1c *	
	08685	81530868.txt *	
	87583	36738758.f1g *	
	32818	12163281.txt *	
	57443	24405744.txt *	

\* First transmitted in May 2018. None of these are new as of 01 June.

02/06/2018	74056	repeat	11435 1600
	13064	repeat	
	08686	repeat	
	87584	repeat	
	32819	repeat	
	57444	repeat	

03/06/2018	74057	repeat	11435 1600
	13065	repeat	
	08687	repeat	
	87585	repeat	
	53811	83225381.txt	
	57445	repeat	

04/06/2018	74058	repeat	11435 1600
	13066	repeat	
	08688	repeat	
	87586	repeat	
	53811	repeat	
	57446	repeat	

05/06/2018	40061	64124006.txt	11435 1600
	13067	repeat	
	08689	repeat	
	87587	repeat	
	53812	repeat	
	57447	repeat	

Today's file appears to be written in unencrypted Chinese.

06/06/2018	40061	repeat	11435 1600
	18251	86021825.txt	
	06251	08030625.txt	
	87588	repeat	
	53813	repeat	
	57448	repeat	

Both new files appear to be unencrypted Chinese again.

07/06/201	40062	repeat	16180 2100
	18251	repeat	
	06251	repeat	
	87589	repeat	
	53814	repeat	
	14401	83841440.txt	

New file is in the expected encrypted format.

08/06/2018	40063	repeat	11435 1600
	18252	repeat	
	06252	repeat	
	14811	04541481.txt	
	53815	repeat	
	14401	repeat	

09/06/2018	40064	repeat	11435 1600
	18253	repeat	
	06253	repeat	
	14811	repeat	
	53816	repeat	
	14402	repeat	

10/06/2018	40065	repeat	11435 1600
	18254	repeat	
	06254	repeat	
	14812	repeat	
	53817	repeat	
	14403	repeat	

11/06/2018	40066	repeat	11435 1600
	18255	repeat	
	06255	repeat	
	14813	repeat	
	53818	repeat	
	14404	repeat	

12/06/2018	40067	repeat	11435 1600
	18256	repeat	
	06256	repeat	
	14814	repeat	
	45801	50304580.f1c	
	14405	repeat	

13/06/2018	40068	repeat	11435 1600
	18257	repeat	
	06257	repeat	
	14815	repeat	
	45801	repeat	
	14406	repeat	

14/06/2018	40069	repeat	17480 2200
	24281	02842428.txt	
	06258	repeat	
	14816	repeat	
	45802	repeat	
	14407	repeat	

15/06/2018	11071	50171107.f1c	11435 1600
	24281	repeat	
	56011	67415601.txt	
	14817	repeat	
	45803	repeat	
	23561	32832356.txt	

Signal was uniformly weak all day - 1600, 1700, 1800, 2100, 2200, and also 0900 and 1000 on 16 June. Was able to copy voice but not data. RDFT files finally decoded on 17/06/2018 at 0500 on 10860 kHz.

16/06/2018	11071	repeat	11435 1600
	24282	repeat	
	56011	repeat	
	64531	20186453.txt	
	45804	repeat	
	23561	repeat	

As with the previous day, weak signals prevented me from decoding RDFT files until the 0500 UTC transmission on 10860 on the 17th.

17/06/2018	11072	repeat	11635 1800
	24283	repeat	
	56012	repeat	
	64531	repeat	
	45805	repeat	
	23562	repeat	

18/06/2018	11073	repeat	11435 1600
	24284	repeat	
	56013	repeat	
	64532	repeat	
	45806	repeat	
	23563	repeat	

19/06/2018	11074	repeat	11435 1600
	24285	repeat	
	56014	repeat	
	64533	repeat	
	45807	repeat	
	23564	repeat	

20/06/2018	11075	repeat	11435 1600
	24286	repeat	
	56015	repeat	
	64534	repeat	
	45808	repeat	
	23565	repeat	

21/06/2018	11076	repeat	10860 0500 (22 JUN)
	24287	repeat	
	56016	repeat	
	64535	repeat	
	81131	85138113.txt	
	23566	repeat	

22/06/2018	11077	repeat	11435 1600
	18141	31331814.txt	
	56017	repeat	
	64536	repeat	
	81131	repeat	
	23567	repeat	

23/06/2018	03261	20070326.txt	11435 1600
	18141	repeat	
	56018	repeat	
	64537	repeat	
	81132	repeat	
	45851	41554585.txt	
24/06/2018	03261	repeat	11435 1600
	18142	repeat	
	10701	78201070.txt	
	64538	repeat	
	81133	repeat	
	45851	repeat	
25/06/2018	03262	repeat	11435 1600
	18143	repeat	
	10701	repeat	
	36361	34203636.txt	
	81134	repeat	
	45852	repeat	
26/06/2018	03263	repeat	11635 1800
	18144	repeat	
	10702	repeat	
	36361	repeat	
	81135	repeat	
	45853	repeat	
27/06/2018	03264	repeat	11435 1600
	18145	repeat	
	10703	repeat	
	36362	repeat	
	81136	repeat	
	45854	repeat	
28/06/2018	03265	repeat	11530 1700
	18146	repeat	
	10704	repeat	
	36363	repeat	
	81137	repeat	
	45855	repeat	
29/06/2018	03266	repeat	11435 1600
	18147	repeat	
	10705	repeat	
	36364	repeat	
	17001	15621700.txt	
	45856	repeat	
30/06/2018	03267	repeat	11435 1600
	18148	repeat	
	10706	repeat	
	36365	repeat	
	17001	repeat	
	45857	repeat	

All June RDFT files have been logged, all copies of received files are online and may be viewed or downloaded here:  
<https://www.dropbox.com/sh/vexg2e7k8zwfj4r/AABxHSZYkXjLtcSTC-2ngVzAa?dl=0>



**Sort by file name**
**Sort by Date**

File Name:	Number	Date first transmitted	Date	File name or	Numbers:
group:	(DDMMYYYY):		(DDMMYYYY):	repeat:	
02842428.txt	2428#	08/06/2018	24/05/2018	12163281.txt	3281# *
08030625.txt	0625#	06/06/2018	27/05/2018	31247405.txt	7405# *
12163281.txt	3281#	24/05/2018 *	27/05/2018	81530868.txt	0868# *
15621700.txt	1700#	29/06/2018	29/05/2018	50421306.f1c	1306# *
20070326.txt	0326#	23/06/2018	29/05/2018	36738758.f1g	8758# *
20186453.txt	6453#	16/06/2018	29/05/2018	24405744.txt	5744# *
24405744.txt	5744#	29/05/2018 *	03/06/2018	83225381.txt	5381#
31247405.txt	7405#	27/05/2018 *	05/06/2018	64124006.txt	4006#
31331814.txt	1814#	22/06/2018	06/06/2018	86021825.txt	1825#
34203636.txt	3636#	25/06/2018	06/06/2018	08030625.txt	0625#
36738758.f1g	8758#	29/05/2018 *	07/06/2018	83841440.txt	1440#
32832356.txt	2356#	15/06/2018	08/06/2018	04541481.txt	1481#
41554585.txt	4585#	23/06/2018	12/06/2018	50304580.f1c	4580#
50171107.f1c	1107#	15/06/2017	14/06/2018	02842428.txt	2428#
50304580.f1c	4580#	12/06/2018	15/06/2018	50171107.f1c	1107#
50421306.f1c	1306#	29/05/2018 *	15/06/2018	67415601.txt	5601#
64124006.txt	4006#	05/06/2018	15/06/2018	32832356.txt	2356#
67415601.txt	5601#	15/06/2018	16/06/2018	20186453.txt	6453#
78201070.txt	1070#	24/06/2018	21/06/2018	85138113.txt	8113#
81530868.txt	0868#	27/05/2018 *	22/06/2018	31331814.txt	1814#
83225381.txt	5381#	03/06/2018	23/06/2018	20070326.txt	0326#
83841440.txt	1440#	07/06/2018	23/06/2018	41554585.txt	4585#
85138113.txt	8113#	21/06/2018	24/06/2018	78201070.txt	1070#
86021825.txt	1825#	06/06/2018	25/06/2018	34203636.txt	3636#
			29/06/2018	15621700.txt	1700#

**Sort by number group**

Number	File name:	Date:	Notes
group:			
0326#	20070326.txt	23/06/2018	* these files were first transmitted in May 2018 and continued to be transmitted into June.
0625#	08030625.txt	06/06/2018	
0868#	81530868.txt	27/05/2018 *	Please see Numbers & Oddities # 248 for information regarding their initial transmission and a link to the May 2018 files.
1070#	78201070.txt	24/06/2018	
1107#	50171107.f1c	15/06/2018	
1306#	50421306.f1c	29/05/2018 *	
1440#	83841440.txt	07/06/2018	
1481#	04541481.txt	08/06/2018	
1700#	15621700.txt	29/06/2018	
1814#	31331814.txt	22/06/2018	
1825#	86021825.txt	06/06/2018	
2356#	32832356.txt	15/06/2018	
2428#	02842428.txt	14/06/2018	
3281#	12163281.txt	24/05/2018 *	
3636#	34203636.txt	25/06/2018	
4006#	64124006.txt	05/06/2018	
4580#	50304580.f1c	12/06/2018	
4585#	41554585.txt	23/06/2018	
5381#	83225381.txt	03/06/2018	
5601#	67415601.txt	15/06/2018	
5744#	24405744.txt	29/05/2018 *	
6453#	20186453.txt	16/06/2018	
7405#	31247405.txt	27/05/2018 *	
8113#	85138113.txt	21/06/2018	
8758#	36738758.f1g	29/05/2018 *	

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

## Russian Government & Intelligence



M42 – various modes
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11074 kHz, 08-06, 1628 UTC, MFSK-66  
12110 kHz, 27-06, 0735 UTC, 3000Bd PSK-8/45Bd MFSK-66  
18660 kHz, 27-06, 1057 UTC, 3000Bd PSK-8/45Bd MFSK-66  
11546 kHz, 28-06, 0816 UTC, MFSK-66

**19323 kHz, 04-06, 0800 UTC, Baudot 75/500 + FSK CW**

URG URG URG URG URG URG

QSA4 QTC2 K

RPT K

QRQ 75 K in CW followed by 2 messages in 75/500:

46

11100 10053 35178 04009 02509

55804 05086 81501 30758 23473 97073 29508 10227 13621 89862

93820 84322 00184 70186 68445 99708 74659 61434 74788 60756

20593 64801 11187 95941 39326 56795 84177 32937 19205 04023

26187 05837 65432 81204 29346 42937 32751 03344 50092 08532

28151 07998 64268 97142 75775 48578 77393 03629 61232 84633

19802 17619 97474 80034 81323 15686 79463 45007 65214 49728

19778 82952 66003 54962 82377 27995 00957 25998 56688 84178

49843 34406 39216 02270 82685 86236 14865 55094 80190 42903

55141 97346 76538 53900 75459 20802 79228 74761 18694 40892

45655 68713 57205 75548 21121 15461 30506 02281 67951 75532

60751 04408 40418 83638 13261 42393 85144 69462 94243 11209

71696 29335 02908 69676 83024 97226 80169 52717 20465 88487

21117 02448 02978 14785 43438 79064 65308 93667 28994 37447

84762 01197 80717 80426 91286 41078 62040 24644 40529 28741

11020 39954 54585 13792 46365 48291 60096 89284 07540 92953

78411 61245 96143 14230 47473 76893 10739 92314 80144 34982

92330 43443 88633 26710 22679 80190 29732 80640 42621 71863

50536 10059 82613 65929 39341 86202 22659 56422 11405 85822

23819 10251 84255 86481 98498 87360 22244 08056 11683 15679

55021 23863 30320 06781 99619 89851 63039 23220 40849 65301

57384 33451 49675 23460 46756 15293 44264 75559 64247 93859

23411 56654 65565 24908 26998 46701 59522 03206 25348

19159 51097 87142 83833 48076 90533 20590 42466 48516 80595

67546 47099 54023 85372 05267 43054 61491 15767 95464 49916

98901 36961 65390 85652 39653 08788 53454 13477 30653

11100 10053 96742 04010 02609

VWIKI GTEDK CFSJG JQUUU DYHKG MBMCB GAAVW XOJDY RJGEN UJRVL  
AKHNB LWMXW RKPBV VCFah NCGV FYLQE PSVHW FOFME HKSGM VULTU  
NMJEP WIUJP HGLTR SHWDA FUWCS AUFAU JFKTM NSGEV CHJRQ DMYGU  
MSJMN EUJHF IMWUJ EALGI YRKHT GDYTA WIQVO KBKQC LWIRX VOAIP  
AAKWO EFXOY RWYEA PPWLW JFROF BOMRW HFEHE PSGFT IGWJO IFUJB  
RFPXG RYSPT UQXEA ECGCR FBLNS FGYIX CEXEG BDTHL IQLJS YCQCR  
RIIDR YYCAQ QADMI DNPFN MIPXQ LKVES CDPTQ ONHCL KCVWC JESTI  
DTREY IWNCO DLFFW LBXDT CUIIY VSASC FTMNP FKKYN DOCWN XLMDD  
KBNJD QIYBT MPAFP WSDOT JPJYL CHSEV LAVLP JRPOW GYXEH RQDHG  
QSVFT NSDSK YFJSV TBVHB RXRWQ AFBQQ CIKQO AVOQC GDQAB LHFEV  
QBAAY YGTSW KYTQG LNBFD EDGLX MLOXQ WFYXE SXOLM XOPUP CCMPM  
AWLJH KPRLP DKQXQ ICINA DNRFR XOWLO PWOCU XYIJH RDXHN WPEDQ  
YSCTX RBJJY KOMYQ RVYXX SUPAF QDJNO WGSEJ INQUE KPQFW TGHIR  
XKKPO DLJRO TXIFI SAWGO WPTTK CSQTC FHUGV RQNUV AUTXS IPWBI  
XOECG UNTMC VXPWM KOWWL FXLHJ OSBQC TBFPF CKOKP AYPJX VYFYT  
BGHCX DBAFM PVKVU LMIKO BXQJI MTHHI NRSJI EYGNS MGXPI UHNIO  
DSYWG RRBWM OVOTK MJSSP ENDUF WYNIC VTHLI PAMSO GTCHI WIJCQ  
UXQJB BIGUX IFXBC SVAQR TABKC MDRQW XLNXE NNQHF MIVPJ PQAVY  
ILNCQ QASEP HCABQ BINEW IJQKI UUUQJ EFQFW FQVGR OTAFE BRVGF  
UQXFB HDFPE MHHKR QHIVH KKMEK NXLOP LQSNR KMLOU BJJUF BXRHB  
GKBHY MVOMS VOXEM RLOWU AMGEB LOPKP XQBNV GBFQW VASUD KYYGG  
FQPVC NDHNI MVLAQ YPJQO VHPVW JXEVK KDNOQ GHLUW WLBFO RPF EK  
TOJQD HQCSP ILIVA RFVLG BJYCL QFXUP MGGAX YKAXV IDPMR CTKLN  
XFMIQ DLMPL EQMIX JCMGB CGYLM LINFY KYAWN XNOHG MUARI MOAGM  
CBHWI KMHIV QMDOS VDSPC QTRCQ GDTYY PJCFB GPHKS XTNQN PWWDX  
NJRDO BTDDV TCFVC EQPLM NBQBK DNAIX XFOXY QRBET QQPYX

Followed by

RPT K

QL 5

QSL? K

OK

QRV?

OKK OKTK OKTK

QRV K

The link ID 10053 is used on the Sun 1530z and Tue 1650z F06 skeds.

#### M42b – FSK 50/500

7708 kHz, 05-06, 0519 UTC, CW + FSK 50/500	MFJQ wkg YDEW. Message in FSK 50/500, opchat in CW
6993 kHz, 05-06, 0551 UTC, CW + FSK 50/500	SFDZ wkg outstation. Message in FSK 50/500, opchat in CW: QRU NIL QRX AR
12226 kHz, 05-06, 0620 UTC, CW + FSK 50/500	Message in FSK 50/500, opchat in CW: QRU NIL QRX AR
4040 kHz, 12-06, 1452 UTC, FSK 50/500	IWBT wkg CUFD
3803 kHz, 19-06, 1228 UTC, CW	L7DR wkg W2OU: QSY 20035 QRU NIL ZVP
7664 kHz, 19-06, 1658 UTC, CW	1JLV de OPV1 QSY 77548 K. QS4 4 QSY? K
5072 kHz, 20-06, 1310 UTC, CW	V1SD wkg 8NED. QSY 45290
4761 kHz, 20-06, 1320 UTC, CW	WKZK wkg 3R2M. QSY 45809
3838 kHz, 28-06, 1706 UTC, CW	WOWE wkg Q5C1

#### F01 – FSK 200/500

**14621/12206/10465 kHz, 06-06, 1840/1850/1900 UTC**

Null message. )576 100000+++++++162

Link 00052

**16266/14453/12075 kHz, 05-06, 1500/1510/1520 UTC**

11166 00052 74561 05009 00049 00000 00000 0000 0000

**16266/14453/12075 kHz, 12-06, 1500/1510/1520 UTC**

11166 00052 23674 12056 00049 00000 00000 00000 00000

**16330/14367/12141 kHz, 13-06, 0800/0810/0820 UTC**

1166 00052 84271 08029 01609

58440 26118 47869 22078 69167 84803 61407 40426 81549 76285  
 06395 97356 10809 18503 98774 63207 50872 02656 21642 23331  
 26441 63828 21435 18225 66154 54735 81225 95596 81765 91802  
 96601 97712 05544 38392 15871 61683 44721 00756 49325 11844  
 64002 20471 17537 47561 74889 92632 48468 94417 10621 08571  
 10807 74272 68171 33144 61078 86373 59168 03960 69585 08788  
 29256 92416 93599 02811 61590 73729 51343 98416 00673 88237  
 68818 30759 93309 91196 34974 99775 01449 88708 54373 92437  
 37650 57923 53895 08311 68057 75097 82010 06922 25459 91804  
 00287 32453 48139 82358 36336 10951 98825 21425 63629 15531  
 88926 11413 53158 36613 30412 79399 18579 41478 15188 25442  
 23120 18919 22361 01083 92428 82857 07799 65180 21018 03851  
 00439 46680 41485 61982 67641 02689 79242 09397 57947 36083  
 38795 42929 80277 76007 91112 07980 89006 37297 23662 39697  
 86263 56622 21959 48677 05545 96063 34846 97490 40826 76451  
 76358 82321 09416 24844 14913 66867 96885 84352 29158 00000

**16266/14453/12075 kHz, 19-06, 1500/1510/1520 UTC**

11166 00052 12345 19019 00049 00000 00000 00000 00000

**16266/14453/12075 kHz, 26-06, 1500/1510/1520 UTC**

11166 00052 23674 26062 00049 00000 00000 00000 00000

**16330/14367/12141 kHz, 27-06/28-06, 0800/0810/0820 UTC**

11166 00052 84271 08029 01609

58440 26118 47869 22078 69167 84803 61407 40426 81549 76285  
 06395 97356 10809 18503 98774 63207 50872 02656 21642 23331  
 26441 63828 21435 18225 66154 54735 81225 95596 81765 91802  
 96601 97712 05544 38392 15871 61683 44721 00756 49325 11844  
 64002 20471 17537 47561 74889 92632 48468 94417 10621 08571  
 10807 74272 68171 33144 61078 86373 59168 03960 69585 08788  
 29256 92416 93599 02811 61590 73729 51343 98416 00673 88237  
 68818 30759 93309 91196 34974 99775 01449 88708 54373 92437  
 37650 57923 53895 08311 68057 75097 82010 06922 25459 91804  
 00287 32453 48139 82358 36336 10951 98825 21425 63629 15531  
 88926 11413 53158 36613 30412 79399 18579 41478 15188 25442  
 23120 18919 22361 01083 92428 82857 07799 65180 21018 03851  
 00439 46680 41485 61982 67641 02689 79242 09397 57947 36083  
 38795 42929 80277 76007 91112 07980 89006 37297 23662 39697  
 86263 56622 21959 48677 05545 96063 34846 97490 40826 76451  
 76358 82321 09416 24844 14913 66867 96885 84352 29158 00000

Link 10031

**15629/13376/11544 kHz, 13-06, 0915/0925/0935 UTC**

11166 10031 79513 13012 00049 00000 00000 00000 00000

**15629/13376/11544 kHz, 27-06, 0915/0925/0935 UTC**

11166 10031 15987 27026 00049 00000 00000 00000 00000

Link 10053

**19838/16238/13546 kHz, 03-06, 1530/1540/1550 UTC**

11166 10053 25678 03064 00049 00000 00000 00000 00000

**19936/16354/13955 kHz, 05-06, 1650/1700/1710 UTC**

11166 10053 26843 05068 00049 00000 00000 00000 00000

**19838/16238/13546 kHz, 10-06, 1530/1540/1550 UTC**

11166 10053 74596 10012 00049 00000 00000 00000 00000

**19936/16354/13955 kHz, 12-06, 1650/1700/1710 UTC**

11166 10053 15987 12068 00049 00000 00000 00000 00000

**19936/16354/13955 kHz, 19-06, 1650/1700/1710 UTC**

11166 10053 79513 19012 00049 00000 00000 00000 00000

**19838/16238/13546 kHz, 24-06, 1530/1540/1550 UTC**

11166 10053 15987 24064 00049 00000 00000 00000 00000

**19936/16354/13955 kHz, 26-06, 1650/1700/1710 UTC**

11166 10053 21368 26068 00049 00000 00000 00000 00000

Link 40133

**18323/15886/13581 kHz, 02-06, 2100/2110/2120 UTC**

11166 40133 56248 02001 00049 00000 00000 00000 00000

**18323/15886/13581 kHz, 09-06, 2100/2110/2120 UTC**

11166 40133 15987 09038 00049 00000 00000 00000 00000

**18323/15886/13581 kHz, 16-06, 2100/2110/2120 UTC**

11166 40133 13579 16001 00049 00000 00000 00000 00000

**18323/15886/13581 kHz, 23-06, 2100/2110/2120 UTC**

11166 40133 52369 23001 00049 00000 00000 00000 00000

**18323/15886/13581 kHz, 30-06, 2100/2110/2120 UTC**

11166 40133 15987 30038 00049 00000 00000 00000 00000

**13366/11438/9308 kHz, 02-06/03-06, 1100/1110/1120 UTC**

New triple timestamp key. The previous one was used from 1 September 2016 to 31 May 2018.

11166 50046 38124 01041 00749  
 47997 21159 13224 34085 84369 14379 66689 54737 23463 10347  
 61317 67760 54690 42360 49851 65119 71922 71880 71958 01689  
 24822 07329 97608 54975 27939 13010 59575 43227 67651 46388  
 61238 88099 03575 52578 95418 44452 10613 02929 02191 16600  
 51635 18103 55823 92642 16333 41225 89062 07394 11527 57517  
 69291 77775 29678 62592 92040 24587 35704 73261 79477 52696  
 03024 02623 25835 29377 12446 71442 76292 04645 33410 97546  
 40306 38507 41072 00000

**13366/11438/9308 kHz, 09-06/10-06, 1100/1110/1120 UTC**

11166 50046 21765 08042 00569  
 19217 01156 13224 34085 56689 94376 66689 54737 95783 90344  
 61317 67760 42681 56461 35613 45540 07970 40884 11285 19596  
 85125 72519 16525 79155 00436 17225 93379 63002 13493 02512  
 70014 97797 35054 41321 28964 98061 13620 20293 15734 45169  
 61396 86491 24743 56823 05828 28753 97400 74489 21811 29579  
 40458 22175 47829 38996 42054 00000

**13366/11438/9308 kHz, 16-06/17-06, 1100/1110/1120 UTC**

11166 50046 48753 15043 00609  
 56107 11163 13224 34085 93579 04383 66689 54737 32673 00351  
 61317 67760 61124 62022 49010 47399 09674 85390 31474 02892  
 90643 76043 86681 56583 00042 58398 67912 61308 38097 64545  
 80303 24665 84156 13370 25225 20436 54301 99594 50417 63108  
 15226 59602 53134 34060 02859 16724 17047 31485 76849 28413  
 15464 48073 24956 40078 39976 43991 07140 82891 43058 00000

**13366/11438/9308 kHz, 23-06/24-06, 1100/1110/1120 UTC**

11166 50046 34518 22044 01789  
 41957 01170 13224 34085 88329 94390 66689 54737 27423 90368  
 61317 67760 84159 72981 21763 56700 93351 02873 82782 90234  
 27090 22353 03045 94994 42615 91317 75645 94501 25196 78531  
 09139 26143 16918 61308 00538 83678 38475 34704 30413 09887  
 73154 08254 56259 31508 39852 33342 65110 13803 58966 55950  
 40197 23513 54187 01487 02533 86758 23060 06765 08085 29762  
 41142 25176 42609 75156 11613 59015 27757 48036 06210 58984  
 27143 95000 13282 47747 83551 69273 83853 09212 71541 51392  
 89687 75779 85431 37151 15597 69003 24948 01197 09334 12571  
 10145 00155 27242 08593 63684 58544 44257 44778 60995 78977  
 15922 25814 73872 40282 99887 23182 45100 75167 62247 71590  
 61815 32676 22875 59854 19675 64621 79154 96009 20004 54047  
 79556 67259 50556 33774 38002 62362 34682 71386 79851 50449  
 48860 04146 39837 15826 87227 56373 13873 66410 27723 54503  
 83305 93126 74869 70614 99838 31934 11118 02564 84210 54687  
 58373 67564 20616 00774 70633 78858 40135 19104 62534 20025  
 94480 67480 01228 99984 18273 01207 56452 03979 33875 38004  
 35215 03821 88025 56305 64945 95548 44176 00000

**13366/11438 kHz, 30-06, 1100/1110 UTC were replaced by E06**

Link 60070

**12149/10237/8193 kHz, 12-06, 0030/0040/0050 UTC**

11166 60070 32687 12074 00049 00000 00000 00000 00000

**12149/10237/8193 kHz, 19-06, 0030/0040/0050 UTC**

11166 60070 36987 19001 00049 00000 00000 00000 00000

Link 70004

**16314/14569/12191 kHz, 09-06/10-06, 0900/0910/0920 UTC**

11166 70004 36207 08008 01589

48590 33471 66887 55055 50885 38870 03319 63384 94020 77882  
54926 51377 77053 78806 22079 72485 13780 73110 86234 91145  
63083 59498 41430 14094 27832 49383 90661 83383 58920 09146  
45579 23030 14478 27008 25546 71659 95296 69302 81183 01598  
60137 95606 16272 68530 49327 97661 93959 87660 87509 80709  
76800 38291 53454 34340 12844 09990 54572 92267 72412 85514  
84982 14966 45701 96529 28015 11141 60726 05234 64485 59256  
74631 02990 90190 17583 93575 22742 24230 83263 52538 32473  
37853 82015 29394 38311 89548 62968 74179 79610 66904 40340  
02986 76681 86121 16021 42625 96758 04235 54771 63360 82311  
91790 31779 19652 29637 99333 80282 75229 88600 17467 07676  
74931 47741 83008 54606 68800 94765 39930 56013 55063 48380  
81335 62086 83963 73087 39913 71342 17039 29188 29600 96259  
60071 40902 69456 87024 36597 33818 60704 85180 23604 93066  
02636 68166 35050 73736 46436 89429 72813 60957 56464 15817  
05552 42121 89238 71228 99973 30471 08156 00000

**16314/14569/12191 kHz, 23-06/24-06, 0900/0910/0920 UTC**

11166 70004 36207 08008 01589

48590 33471 66887 55055 50885 38870 03319 63384 94020 77882  
54926 51377 77053 78806 22079 72485 13780 73110 86234 91145  
63083 59498 41430 14094 27832 49383 90661 83383 58920 09146  
45579 23030 14478 27008 25546 71659 95296 69302 81183 01598  
60137 95606 16272 68530 49327 97661 93959 87660 87509 80709  
76800 38291 53454 34340 12844 09990 54572 92267 72412 85514  
84982 14966 45701 96529 28015 11141 60726 05234 64485 59256  
74631 02990 90190 17583 93575 22742 24230 83263 52538 32473  
37853 82015 29394 38311 89548 62968 74179 79610 66904 40340  
02986 76681 86121 16021 42625 96758 04235 54771 63360 82311  
91790 31779 19652 29637 99333 80282 75229 88600 17467 07676  
74931 47741 83008 54606 68800 94765 39930 56013 55063 48380  
81335 62086 83963 73087 39913 71342 17039 29188 29600 96259  
60071 40902 69456 87024 36597 33818 60704 85180 23604 93066  
02636 68166 35050 73736 46436 89429 72813 60957 56464 15817  
05552 42121 89238 71228 99973 30471 08156 00000

Link 70048

**14368/12206/10309 kHz, 13-06, 0800/0810/0820 UTC**

11166 70048 92158 13057 00049 00000 00000 00000 00000

**14368/12206/10309 kHz, 20-06, 0800/0810/0820 UTC**

11166 70048 58473 20041 00049 00000 00000 00000 00000

**14368/12206/10309 kHz, 27-06, 0800/0810/0820 UTC**

11166 70048 09841 27042 00049 00000 00000 00000 00000

Link 70059

**12064/10926/9049 kHz, 18-06, 0400/0410/0420 UTC**

11166 70059 13765 18020 00049 00000 00000 00000 00000

Link 70147

**12054/10158/8144 kHz, 09-06/10-06, 0800/0810/0820 UTC**

11166 70147 42590 08083 00609

87655 33184 98688 58128 63221 13961 81480 94306 79015 07392

86744 84902 24424 43071 23955 90129 20638 32996 91370 23423

34770 89669 80774 02169 55638 36849 98666 94044 31941 29241

04704 09521 53527 16154 31562 01323 09730 91554 20540 17004

85630 81409 38088 50629 17259 23560 17731 32548 95377 24578

38823 54322 76054 65153 27923 92133 25911 72375 83058 00000

**12054/10158/8144 kHz, 23-06/24-06, 0800/0810/0820 UTC**

11166 70147 75189 22084 01789

56305 33108 98688 58128 32971 13985 81480 94306 48765 07316

86744 84902 48747 19221 73519 78039 01322 67456 86349 72957

59831 69481 06253 00092 38826 88716 72715 56709 61971 79083

77160 08078 89444 12393 66309 52115 04004 43246 10766 18963

98651 44503 41406 15123 25165 04877 12049 89457 22731 16455

73735 32721 78588 01915 55665 62528 66382 70087 52494 18846

29161 15009 24179 50003 08560 33000 19628 18879 32900 22685

13771 22875 57854 99624 13342 41432 86265 56048 83930 28424

66633 17850 93249 80895 45846 64743 64137 08285 19025 77272

53490 51689 09510 66813 12329 88183 15068 22363 48927 63352

42945 16659 53805 66670 82794 09767 98006 97395 12336 21122

47735 30456 15785 04037 37552 97347 00240 34464 59039 31462

75407 08478 76891 24758 67492 37555 72568 05421 76607 89981

66117 59184 35971 96639 18267 46024 93699 01946 56812 83661

74041 41087 85603 18451 93108 97779 32035 43739 41120 40811

61725 19867 39867 19100 46837 40464 01604 81578 82475 07757

00574 25393 55005 07594 98533 74268 31927 84579 49530 86237

01802 93908 71686 79248 03145 75525 84176 00000

Link 80214

**14565/12169/9981 kHz, 07-06, 1330/1340/1350 UTC**

11166 80214 70314 07054 00049 00000 00000 00000 00000

**14565/12169/9981 kHz, 21-06, 1330/1340/1350 UTC**

11166 80214 15798 21056 00049 00000 00000 00000 00000

**14565/12169/9981 kHz, 28-06, 1330/1340/1350 UTC**

11166 80214 53217 28045 00049 00000 00000 00000 00000

X06 - Mazielka

Code	Freq	Date	UTC	Day	Sequence
X06	14570	1-6	0827	Fri	Sequence: 324615
X06	18750	4-6	0736	Mon	Sequence: 641523
X06	20675	4-6	0805	Mon	Sequence: 641523
X06	13524	5-6	0758	Tue	Sequence: 125643
X06	14405	6-6	0651	Wed	Mazielka
X06	14650	6-6	1130	Wed	Sequence: 215346
X06	17468	7-6	0642	Thu	Sequence: 436512
X06b	16167	8-6	1948	Fri	Sequence: 111666



Code	Freq	Date	UTC	Day	Sequence
X06b	14663	8-6	1950	Fri	Sequence: 111666
X06b	14663	8-6	1951	Fri	Sequence: 616111
X06b	16167	8-6	1952	Fri	Sequence: 616111
X06	14655	13-6	0759	Wed	Sequence: 164253
X06	12120	13-6	0805	Wed	Sequence: 164253
X06	11153	13-6	0809	Wed	Sequence: 465132 i/p
X06	15879	13-6	1035	Wed	Sequence: 621543 (-200 Hz off freq)
X06	11126	13-6	1053	Wed	Sequence: 621543 (-200 Hz off freq)
X06	18660	13-6	1058	Wed	Sequence: 621543 (error now fixed)
X06	13506	14-6	0942	Thu	Sequence: 164532
X06	13441	14-6	1410	Thu	Sequence: 164253
X06	10214	14-6	1418	Thu	Sequence: 164253
X06b	13527	16-6	0829	Sat	Sequence: 111666 before XPA2
X06b	14738	17-6	1959	Sun	Sequence: 111666 before XPA2
X06b	14738	17-6	2006	Sun	Sequence: 111666 before XPA2
X06	14615	19-6	0753	Tue	Sequence: 125643
X06	13401	19-6	0834	Tue	Sequence: 154263
X06	12094	19-6	0958	Tue	Sequence: 324615
X06	12177	22-6	0834	Fri	Sequence: 356412
X06b	14663	23-6	1924	Sat	Sequence: 111666 before XPA2
X06b	16167	23-6	1929	Sat	Sequence: 111666 before XPA2
X06	16117	25-6	1336	Mon	Mazielka before M12. Carrier that lasts the length of a X06 sequence.
X06	18660	27-6	1034	Wed	Sequence: 621543
X06	12126	28-6	0757	Thu	Sequence: 521634
X06	14419	28-6	0810	Thu	Sequence: 521634
X06	11462	29-6	0942	Fri	Sequence: 165423
X06	12213	29-6	1001	Fri	Sequence: 615243
X06b	14663	30-6	2044	Sat	Sequence: 111666 before XPA2
X06b	16167	30-6	2045	Sat	Sequence: 111666 before XPA2
X06b	14663	30-6	2047	Sat	Sequence: 111666 before XPA2
X06b	16167	30-6	2052	Sat	Sequence: 111666 before XPA2
X06b	16167	30-6	2054	Sat	Sequence: 111666 before XPA2

## XPA

### 11409/13509/14609 kHz, 04-06/06-06, 0600/0620/0640 UTC

456 456 456 1 456 456 456 1 456 456 456 1  
00138 00071 68994 45311 10660 75819 09216 18389 09949 90171  
09047 98163 46996 74635 85646 48398 27175 68993 78487 78695  
84784 32851 21452 35105 87924 92431 44606 93069 22592 35796  
98091 60622 26884 08118 36559 98624 29565 46846 17784 94047  
36269 87330 46286 60333 13101 54764 57755 93918 86814 49560  
44786 74450 89253 23541 05037 31341 20322 62134 08423 19789  
74388 89218 70576 25076 33048 73409 18252 51694 04182 95088  
84396 63460 69114 15322

### 11409/13509/14609 kHz, 11-06, 0600/0620/0640 UTC

456 456 456 000  
08786 00001 00000 37670

### 11409/13509/14609 kHz, 13-06, 0600/0620/0640 UTC

456 456 456 000  
01427 00001 00000 36653

**11409/13509/14609 kHz, 18-06/20-06, 0600/0620/0640 UTC**

456 456 456 1 456 456 456 1 456 456 456 1  
02113 00059 19505 45038 67375 10278 84985 30312 90170 31765  
45565 96739 03581 90504 11987 54078 10153 73927 03433 36052  
86627 77048 31696 74421 15532 26397 75722 68826 53127 36322  
06110 92733 65801 98657 20928 28204 53626 83325 07909 39312  
69733 69188 34401 16320 51668 99081 95560 97169 26464 81763  
26367 18096 11126 58348 89004 17020 95526 90007 81389 18758  
29149 72455

**11409/13509/14609 kHz, 25-06, 0600/0620/0640 UTC**

456 456 456 000  
04123 00001 00000 33256

**11409/13509/14609 kHz, 27-06, 0600/0620/0640 UTC**

456 456 456 000  
08514 00001 00000 35661

**XPA2****16167/14663/13923 kHz, 01-06/02-06, 2100/2120/2140 UTC**

06072 00107 33669 22169 58029 31999 02111 14354 73116 19710  
57073 75606 81038 41204 58784 87271 48705 92577 75987 84549  
73648 33890 68114 01363 22370 66395 75455 41457 68999 86199  
58959 54775 29550 50163 60929 65128 42206 00484 11579 12224  
44981 88631 97663 75563 46437 75653 64889 45288 86452 66831  
09288 24317 97893 34006 71427 14047 82701 15202 49468 81591  
46481 16573 86491 83341 78493 43058 92158 77539 36081 81648  
93349 13534 09053 79099 62035 45830 70791 26993 75935 57939  
47390 07559 54701 50938 34603 04435 57701 96426 29701 31216  
18169 59708 85788 42838 58516 50652 01217 09726 58626 96885  
40687 94377 81813 90084 46015 95221 46319 67489 83431 55065

**14738/13438/12138 kHz, 03-06, 2100/2120/2140 UTC**

07713 00001 00000 36260

**10324/11524/13524 kHz, 04-06/06-06, 0700/0720/0740 UTC**

00549 00195 87359 68861 73196 31598 72357 21148 19287 50950  
08467 82304 29293 92769 30793 86053 14351 55943 00731 99331  
61283 61485 64457 70297 77139 69064 22055 03660 45099 78584  
03529 12341 25166 95624 47754 70352 66639 80218 30969 91566  
93346 79559 75273 40401 53155 51788 42066 00224 26556 85633  
28819 02164 16271 43811 82456 56510 59166 16329 94740 49848  
84879 76929 32318 58756 98218 43677 90159 85342 61022 73694  
89220 53702 53024 66246 10227 02352 56943 05212 70201 75607  
52032 38833 02625 36761 77861 68873 35484 33956 58746 76587  
04016 44421 35596 31746 45826 36315 13633 88486 41553 92924  
08219 86899 44094 29525 26757 54873 87561 37340 24658 67468  
33012 26472 00607 59311 49921 52968 88395 87961 54076 75431  
76191 73134 00157 56259 82100 51479 21470 31916 22089 36202  
97329 47059 23638 07072 82111 43783 94379 69498 06033 43977  
13377 44528 60101 87797 08760 30712 16214 46735 15611 77142  
89145 75192 91512 60687 88001 09815 71511 36773 12308 95559  
10469 32770 81305 50976 55770 42425 46638 88239 51565 48918  
78468 84789 83457 14785 10817 87119 67924 83732 28154 85970  
54190 24843 09622 75725 75977 45968 85892 75430 22311 19841  
10396 08052 35538 48551 47121 85150 17709 45605

**14738/13438/12138 kHz, 05-06/10-06, 2100/2120/2140 UTC**

00442 00095 23799 51379 96364 14311 59854 76325 42542 43010  
22492 97021 06005 49136 66680 78661 57290 35451 45839 46471  
03129 46179 58846 22120 34770 95364 51369 78011 50113 61305  
17763 34737 43970 30663 41112 75851 26963 29946 00497 33244  
14421 57884 92329 17788 73417 77333 50514 79058 37777 94730  
77736 91823 18508 10890 19806 02297 47453 38352 79401 68615  
24401 24954 90820 54190 15524 75040 71640 54711 95646 78883  
28690 07466 25292 13668 37032 79782 05858 98281 96039 59682  
36574 27516 91333 25298 88061 02649 29304 67825 86931 99482  
93638 07071 82824 06675 79503 60395 89920 33621

**16167/14663/13923 kHz, 08-06, 2100/2120/2140 UTC**

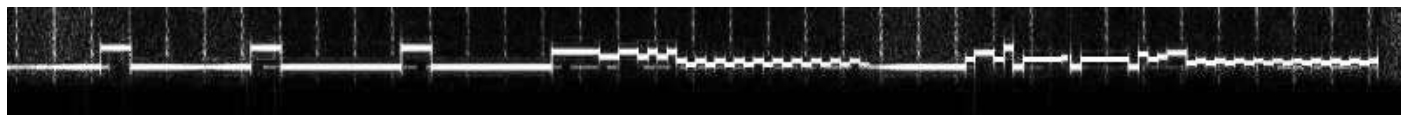
09657 00001 00000 37666

**16167/14663/13923 kHz, 09-06, 2100/2120/2140 UTC**

05334 00001 00000 34660

**10324/11524/13524 kHz, 11-06, 0700/0720/0740 UTC**

05915 00001 00000 40256



**14738/13438/12138 kHz, 12-06, 2100/2120/2140 UTC**

03629 00001 00000 40655

**10324/11524/13524 kHz, 13-06, 0700/0720/0740 UTC**

03581 00001 00000 34263

**16167/14663/13923 kHz, 15-06/16-06, 2100/2120/2140 UTC**

00441 00137 96883 94857 78507 45330 07707 95186 58074 45509  
28823 72296 13129 72556 41341 89304 95831 42720 15945 41702  
78227 73211 34154 61709 24751 02861 00410 18418 98540 18008  
29600 55813 05128 28508 87882 35946 52430 05468 47574 01676  
41493 32761 85220 75435 15747 43316 93770 89068 12422 24408  
62564 14024 41422 99636 85497 52250 50805 95584 85431 54006  
69926 66030 05870 20850 28217 05004 61998 55294 44395 59111  
86878 54067 14293 01679 42873 09999 37842 42809 79790 88078  
61402 28817 93074 20809 90365 99652 72857 01370 26290 15463  
56692 48598 67628 07552 94552 24953 49659 19121 34669 68697  
73774 63486 78970 28830 44827 08571 31823 08393 14558 51082  
06420 83069 25442 22953 13291 04733 29021 32701 10603 60553  
49474 02027 25302 99194 71887 43630 54942 49333 51613 85674  
09499 24721 46335 66623 95790 82359 73277 60074 38598 04533

**13527/12227/11427 kHz, 16-06, 0910/0930/0950UTC**

05509 00001 00000 40255

**14738/13438/12138 kHz, 17-06, 2100/2120/2140 UTC**

08959 00001 00000 42255

**10324/11524/13524 kHz, 18-06/20-06, 0700/0720/0740 UTC**

00187 00103 27262 33384 89762 02725 88463 99647 47241 94393  
35586 04949 35831 60796 62459 18946 96539 24225 16340 11092  
92669 35283 61916 17432 74165 85434 72105 63287 14049 27351  
41211 59800 16006 96333 07387 83357 83958 04755 57103 84888  
89459 67705 85344 73669 65164 03170 67496 68905 59962 31633  
86545 75715 98421 36283 15382 92604 76443 08532 13305 95666  
99240 41640 13094 93616 04405 10572 76295 70595 63309 17810  
36121 91127 91738 01222 15085 00136 00407 02355 40190 10196  
32798 48240 51857 40256 16877 53947 07261 74542 09931 80145  
02804 20779 86885 67873 95109 16681 98056 36400 53749 03022  
58779 74035 50007 79345 86795 04737

**14738/13438/12138 kHz, 19-06/24-06, 2100/2120/2140 UTC**

07820 00089 30926 47223 64807 91829 98367 98826 54216 37157  
95306 20486 27122 78082 84031 81270 29582 16800 28828 57203  
65481 82954 64165 13186 58586 74500 89202 33669 09475 04017  
20390 28803 60546 99358 62163 41131 22606 88876 60982 28636  
31130 74421 85841 15610 86533 96227 91690 23446 63729 10137  
25716 07487 60043 28087 98152 28933 93155 40161 96989 07768  
73796 60137 39008 72626 32960 83681 92638 33544 99021 79360  
10203 01906 14410 85569 56584 93525 08176 03490 60519 07217  
71701 84459 79764 20172 31831 31800 26346 43345 93751 79733  
96827 63207

**13527/12227/11427 kHz, 21-06/23-06, 0910/0930/0950 UTC**

09343 00095 02117 35573 46447 26925 72974 40908 98890 56613  
49018 94337 88864 93013 05531 01102 10192 94149 66958 31986  
17874 37827 87196 26847 29103 07437 64334 11657 81101 92856  
11157 14953 43703 71690 27192 72935 67631 57295 78716 94208  
08402 91462 11006 07972 78459 99110 00735 89138 20049 33070  
67238 14917 22119 22660 67616 07543 71531 78350 89413 26096  
03749 00861 39568 47870 99143 64271 74079 06593 69521 46864  
08971 97380 05804 66577 53822 77933 51630 45385 99764 64293  
48921 72247 27413 34435 78680 92503 97263 91834 32370 86181  
79202 87227 37677 65237 35362 51038 24236 57344

**16167/14663/13923 kHz, 22-06, 2100/2120/2140 UTC**

03264 00001 00000 34261

**16167/14663/13923 kHz, 23-06, 2100/2120/2140 UTC**

09873 00001 00000 36670

**10324/11524/13524 kHz, 25-06, 0700/0720/0740 UTC**

03725 00001 00000 37255

**14738/13438/12138 kHz, 26-06, 2100/2120/2140 UTC**

03301 00001 00000 33253

**10324/11524/13524 kHz, 27-06, 0700/0720/0740 UTC**

01319 00001 00000 37252

**13527/12227/11427 kHz, 28-06, 0910/0930/0950 UTC**

03231 00001 00000 32656

**16167/14663/13923 kHz, 29-06/30-06, 2100/2120/2140 UTC**

00276 00091 69943 20640 95157 25484 28188 48861 72047 83243  
21194 78181 61398 05991 99650 68037 65112 84558 76466 54873  
92576 79380 76920 08577 71462 04478 97747 60969 34471 77827  
28184 81985 55879 00842 08112 46568 55818 17741 89617 91702  
16405 14037 63059 54519 38191 86733 16700 59772 56584 62967  
78850 81831 29912 77935 97503 29430 15457 16974 93110 22172  
90764 22123 37617 84125 30097 05123 18620 42973 97274 52794  
50667 26151 70228 18049 25099 41545 53422 08929 09324 83566  
98226 71182 11184 38143 12298 53180 76270 10343 30433 65006  
44949 93391 16433 75702

**13527/12227/11427 kHz, 30-06, 0910/0930/0950 UTC**

01083 00001 00000 32661

**F11****13424 kHz, 25-06/27-06, 0845/0850 UTC**

0353 0353 0353 0353 0353  
88888 88888 71364 33599 25739 02841 62330 23448 31098 15503  
92738 67299 94194 21912 11015 22384 23318 60735 49388 66457  
66871 12624 78133 27159 19870 75078 41646 13546 24853 06184  
96351 71648 38303 28058 46475 75587 91414 53613 10847 07558  
06338 06306 88888 88888  
00044 00044

**6280 kHz, 26-06/27-06, 1150/1155 UTC**

0325 0325 0325 0325 0325  
88888 88888 81669 29149 81152 99102 77188 01302 06775 38276  
89228 54924 74470 35128 93829 62288 16825 98465 10582 72687  
83254 31015 25684 45933 11488 04695 90424 46134 89859 29570  
64152 91511 53526 12107 95511 88888 88888  
00037 00037

**DIPLOMATIC STATIONS****Egyptian diplomatic stations**

16223.7 kHz, 01-06, 1925 UTC, SITOR-A 100/170	Egyptian diplo i.p.
14621.7 kHz, 05-06, 1527 UTC, SITOR-A 100/170	Egyptian diplo i.p.
14621.7 kHz, 06-06, 1750 UTC, SITOR-A 100/170	SSBT: MFA Cairo clg RCVB: Egyptian embassy Washington
16021.7 kHz, 10-06, 1157 UTC, Codan chirp	99905: MFA Cairo clg 44406: Egyptian embassy New Delhi

## UTILITY ROUND-UP

### Japanese Self Defense Forces

All logs by F5JBR

#### Japanese Air Force. Mode: CW

5055 kHz, 05-06, 0950 UTC	JJT88 wkg JJT20 JJT55 JJS21 JJV56 JJZ37 JJT44 JJU22
3195 kHz, 05-06, 0955 UTC	JJT88 wkg JJT20 JJT55 JJS21 JJV56 JJZ37 JJT44 JJU22
2685 kHz, 05-06, 1000 UTC	JJT44 wkg JJT30 JJT88 JJW35 JJV89 JJV40 JJW46 JJS76 JJT99
3210 kHz, 05-06, 1000 UTC	JJT88 wkg JJX25 JJX36 JJZ59 JJZ48 JJZ26
2671 kHz, 05-06, 1000 UTC	JJU22 wkg JJU33 JJZ44 JJU55 JJU66
3587.5 kHz, 05-06, 1010 UTC	JJT88 wkg JJS21 JJR20 JJT77 JJT22 JJT46
3195 kHz, 05-06, 1010 UTC	JJT88 wkg JJT20 JJT55 JJS21 JJV56 JJZ37 JJT44 JJU22
3852.5 kHz, 05-06, 1015 UTC	JJZ37 wkg JJZ82 JJX58 JJX47 JJZ71 JJZ50 JJZ93 JJZ60
	CQ de JJZ37 QRK ? K. CQ de JJZ37 QRX 07 0900
2356 kHz, 05-06, 1020 UTC	JJS21 wkg JJR75 JJS65 JJS54 JJR64 JJR31 JJR42 JJR53
3691 kHz, 05-06, 1020 UTC	JJT88 wkg JJT20 JJT55 JJS32 JJT33 JJV23 JJV90 JJT44
3650.5 kHz, 05-06, 1030 UTC	JJT88 wkg JJV34 JJV56 JJT66 JJV67 JJW24
6692.5 kHz, 19-06, 0949 UTC	VVV VVV JJX5 VVV VVV JJX5 AR
5055 kHz, 19-06, 0950 UTC	JJT88 Wkg JJT20 JJT55 JJS21 JJV56 JJZ37 JJT44 JJU22
3195 kHz, 19-06, 0955 UTC	JJT88 Wkg JJT20 JJT55 JJS21 JJV56 JJZ37 JJT44 JJU22
2671 kHz, 19-06, 1000 UTC	JJU22 Wkg JJU33 JJZ44 JJU55 JJU66
2685 kHz, 19-06, 1000 UTC	JJT44 Wkg JJT30 JJT88 JJW35 JJV89 JJV40 JJW46 JJS76 JJT99
3210 kHz, 19-06, 1000 UTC	JJT88 Wkg JJX25 JJX36 JJZ59 JJZ48 JJZ26
3195 kHz, 19-06, 1010 UTC	JJT88 Wkg JJT20 JJT55 JJS21 JJV56 JJZ37 JJT44 JJU22
3587.5 kHz, 19-06, 1010 UTC	JJT88 Wkg JJS21 JJR20 JJT77 JJT22 JJT46
3852.5 kHz, 19-06, 1015 UTC	JJZ37 Wkg JJZ82 JJX58 JJX47 JJZ71 JJZ50 JJZ93 JJZ60
	CQ de JJZ37 QRK? K. CW de JJZ37 QRX 07 0900
2356 kHz, 19-06, 1020 UTC	JJS21 Wkg JJR75 JJS65 JJS54 JJR64 JJR31 JJR42 JJR53
3691 kHz, 19-06, 1020 UTC	JJT88 Wkg JJT20 JJT55 JJS32 JJT33 JJV23 JJV90 JJT44
3650.5 kHz, 19-06, 1030 UTC	JJT88 Wkg JJV34 JJV56 JJT66 JJV67 JJW24

#### Japanese Army. Mode: CW

##### 2421 kHz, 05-06, 1000 UTC

Net Control PÛÛR wkg PÛÂZ, PÇPÇ, PÂMP, PÂDÇ : PÛPÛ, PÛVZ, RÛSÛ, PÛÇP, RÛÂM, RÛDÂ, RÛÛÇ

Collective callsign: PÂÂR

##### 2590 kHz, 05-06, 1030 UTC

Net Control ÂOÇZ wkg ÂMÛÛ, ÂMÛÇ, ÂZÂM, Â..., ÂÛÇÂ, ÂÇPÇ, ÂDÇÛ ÂRÛM, ÂPÂR, ÂÛÇÛ, ÂMÇÇ, ÂÇKM, ÂZÇU, ÂÇÛD, ÂZÇR, ÂOÛR, ÂÂÂD, ÂSÛO, ÂÂÇD, ÂPÛZ

Collective callsign: ÂJÂS

##### 2421 kHz, 19-06, 1000 UTC

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

Collective Callsign: PÂÂR

##### 2590 kHz, 19-06, 1030 UTC

Net Control ÂOÇZ wkg ÂMÛÛ, ÂMÛÇ, ÂZÂM, Â..., ÂÛÇÂ, ÂÇPÇ, ÂDÇÛ ÂRÛM, ÂPÂR, ÂÛÇÛ, ÂMÇÇ, ÂÇKM, ÂZÇU, ÂÇÛD, ÂZÇR, ÂOÛR, ÂÂÂD, ÂSÛO, ÂÂÇD, ÂPÛZ

Collective callsign: ÂJÂS

7927.5 kHz, 27-06, 0711 UTC ÛÛR wkg ÛÛÔ ÛPÂ: NR 001 ...

## North Korean CW nets

The following unid stations were logged by JPL and F5JBR. Some are North Korean military stations the others are likely North Korean military stations

### 3387 kHz, 13-06, 1303 UTC. North Korean military.

9M0 Wkg 9D9 88I UF8  
CQ DE 9M0 QSA ? 5263 5263  
9M0 DE 9D9 QSA 5 7425 K  
9M0 DE 88I QSA 4 21457 K  
9M0 DE UF8 GA GA AS  
VVV VVV 9M0 DE 88I QSA 5 ? ? 8269  
VVV VVV 9M0 DE 88I QSA 5 ? ? 8269  
88I DE 9M0 QSA 4 QRU K  
DE 88I QSA 5 ?? 8269 K  
9M0 DE 9D9 QSA 5 5801 K  
9D9 DE 9M0 QSA 4 K  
9M0 DE 88I QSA 5 ? ? 8269 K  
UF8 DE 9M0 QTC K  
9M0 DE UF8 QRV K  
UF8 DE 9M0 QTC NR 01 14 01006 13 2225 3000510 = = = 54228 98520 13156  
11576 30216 41366 96601 40625 32546 65338 K  
UF8 DE 9M0 QSL 01 ? K

### 3387 kHz, 13-06, 1344 UTC. North Korean military.

DE UF8 QSL NR 01 K  
DE 9D9 QSL NR 01 K  
DE 88I QSL NR 01 K  
CQ CQ DE 9M0 QRV 01 QRV 01 QRV 01  
VVV VVV CQ DE 9M0 QCZ QCZ QRV 01 QRV 01 QRV 01 K  
9M0 DE 88I QTC QTC NR 01 14 01006 13 2245 3000510 = = =  
54228 98520 13156 11576 30216 41366 96601 40625 32546 65338 K = = =  
ABV ABV QTC QTC NR 01 14 01006 13 2245 3000510 = = =  
54228 98520 13156 11576 30216 41366 96601 40625 32546 65338 K

### 3387 kHz, 13-06, 1351 UTC. North Korean military.

9M0 DE 88I QSL ? QSL ? K  
88I DE 9M0 OK SK SK  
88I OK SK SK  
9M0 DE UF8 QTC QTC NR 01 14 01006 13 2245 3000510 = = =  
54228 98520 13156 11576 30216 41366 96601 40625 32546 65338 K = = =  
ABV ABV QTC QTC NR 01 14 01006 13 2245 3000510 = = =  
54228 98520 13156 11576 30216 41366 96601 40625 32546 65338 K

### 3387 kHz, 18-06, 1236 UTC. North Korean military.

OGO wkg OEA OPT ORB O6W ON6 OB9 OIK ORZ OOO OWB OBR OP8 OHC OKP OG5 OH7 O9B

OEA K  
de OEA K  
OGO QSA 4 ? K  
de OEA QSA 5 = = 0803 K  
OGO C AR

**3419 kHz, 15-06, 1240 UTC. North Korean military, i.p.**

VVV XCI (x3) DE JZ5 (x2) QRU ? 675 (x3)  
..8 378  
VVV OGO (x3) DE O3O (x2) QRU ? (roundslip changed at 1243z)  
.. QRU 3 OK  
OUOK ?  
OU OK QRU 2 OK  
OO3 ZO4?  
OO3 OO3 QRV 2 OK K  
OPT .. OG 3 ? OP T OP QRV 3 OK K  
KKK OR6 OR6 ...  
QRV OK  
OBW OBW ?  
OBW OBW ? (1247z)  
WFO WFO ?  
OWF QRV 1 OK  
OO/ P.. ?  
O8P O8P ?  
VVV O8P ?  
ONB ONB ?  
ONB ONB ?  
O8P O8P QRV 1 OK  
ONB ?  
R ONB ONB ?  
DE ONB ONB O QSA 3 ?  
ONB ONB QRV 2 OK  
OK  
K K  
O8E O8E ?  
VVV HO8E O8E QSA 2 ?  
O8E QRV 2 OK  
OK K  
K  
ON9 QRV ?  
DE OB9 QSA 2 ?  
... 2 OK  
OK K  
ORZ ORN K  
DE ONZ ORZ QSA 1 ?  
ORZ ORZ QRV 2 OK  
OK  
K  
OIK OIK ?  
DE OIK ..  
ONS ONS QSV 1 K  
OK K  
OIK OIK ?  
DE OIK OIK QSA 1 ?  
OIK OIK QRV 3 K  
OK  
OOO OOO ?  
OOO OOO QRV  
DE OWB QSA .  
OWB OWB QSA 2 /  
OWB OWB QRV 1 K  
OK K  
OBR OBR?  
OOO ?  
OPZ ?  
OP8 OP8 ?  
OHC OHC ?



OHC QSA 1 ?  
OHC OHC QRV 2 OK  
OK K  
OP8 OP8 OP8 QSA 2 ?  
OP8 OP8 QRV 1 OK  
OK  
OXP OXP QRV 1 OK  
OK K  
K  
OGH OGH ?  
DE 000 000 QSA 1 ?  
000 000 QSV 2 OK  
OK  
OGH OGH ?  
OH7 OH7 ?  
OH7 OH7 QSA 3 ?  
OH7 OH7 QRV 2 OK  
OK K  
O9B O9B ?  
O9B O9B QSA 4 ?  
O9B O9B QRV 2 OK  
OK  
OG5 OG5 ?  
O6R O6R ?

**3021 kHz, 13-06, 1232 UTC. North Korean military i.p.**

ABV ABV NR 14 88 30 21 32 = = 31573 70894 26353 82538 94708 ...

**4284 kHz, 14-06, 1103 UTC. Possibly North Korean military.**

VVV B83 DE CFB QSA ? K

**3740 kHz, 19-06, 1000 UTC. Possibly North Korean military.**

5O5 wkg 5DG  
PJM LR4 O3O ZAQ X8B H12 SGP TQF KFB  
Outstations respond with: 8860 7594 8872 8842 ...

**6569 kHz, 05-06, 0817 UTC. Possibly North Korean military i.p.**

G2L QSA 4 QSA ? K  
QRU K K  
VVV HPH JPH HPH DE 9BA 9BA QSA 4 QSA ?  
VVV HPH DE 9BA QSA 4 QSA ? K  
VVV HPH DE 9BA QSA 4 QSA 4 QSA ?  
VVV HPH DE 9BA QSA 4 QSA 4 QSA ? K  
QRU K SK

**4337 kHz, 12-06, 1458 UTC. Possibly North Korean military i.p.**

Net Control: HZ6  
Collective callsign : DI6  
Outstations: FT4, MU4, 6AP, 47Y, Z3F

DI6 DE HZ6 K  
DI6 DE HZ6 K  
... K  
HZ6 ZNB 11K  
C AR  
FT4 K  
DE HZ6 INT ZNB K11 K  
FT4 ZNB W08 K  
C AR  
MU4 K  
DE HZ6 INT ZNB L12 K

C AR  
 6AP K  
 DE HZ6 ZNB M10 K  
 A11 K  
 C AR  
 47Y K  
 DE HZ6 INT ZNB N11 K  
 47Y ZNB I10 K  
 C AR  
 Z3F K  
 DE HZ6 INT ZNB O12 K  
 Z3F ZNB T02 K  
 C AR

**3613 kHz, 15-06, 1206 UTC. Possibly North Korean military i.p.**

VVV 3P8 (x3) DE 3GO (x2) QRU K  
 9206 .. SK

**3387 kHz, 23-06, 1244 UTC. North Korean military i.p.**

OGO wkg OEA OPT ORB O6W ON6 OB9 OIK ORZ OOO OWB OBR OP8 OHC OKP OG5 OH7 O9B

## 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	Message
09-06	1948	Locksmith	30 chr EAM KM2LEJ C24HTG5WN7ZSNZH4S2V4XH72
09-06	2007	Locksmith	30 chr EAM KMCIYN PAXJE4VMAZXQFYQ5QZVJH3S
09-06	2028	Locksmith	30 chr EAM KMKFMB A3O4O2VT6RASFM5BSPIUPPPE
09-06	2316	Locksmith	30 chr EAM SLOGAR GV27S2HCSX7J3PQ34LOIDJFY
09-06	2319	Locksmith	30 chr EAM SL5XA3 VISFDSL00JVNFGLB4KJ7BEL
09-06	2345	Locksmith	30 chr EAM for Region Charlie KMC3IK HKZBYDCQAKUXTIUIT6GLGQC6
10-06	0023	Oil Pump	30 chr EAM KM2EJ6 W2Z7VI7NPVCTNRE66NOEVG5Z
10-06	0032	Oil Pump	30 chr EAM KMTZ22 45L24SKMRAZK5N2T7GK4DKJZ
10-06	0550	Oil Pump	Skyking msg: The Cars Time 50 Auth DT
10-06	0607	Oil Pump	30 chr EAM SLYAOW WHOPWUZ6VLNLAWUFMDGRCHWK
10-06	0650	Oil Pump	30 chr EAM SLUUGY O3QAGJWSNQP4R4ZSREMPWHZE
10-06	0711	Oil Pump	30 chr EAM SLVLMO JCKQXYAGKQMOGDWR24JLWQZE
10-06	0723	Oil Pump	Skyking msg: Sabbath Time 23 Auth OJ
10-06	0731	Oil Pump	Skyking msg: disregard my Sabbath transmitted at 23 Time 31 Auth YG
10-06	0733	Oil Pump	Skyking msg: Sabbath Time 33 Auth ZP
10-06	1215	Oil Pump	30 chr EAM for Region Alpha, for Region Bravo KMVPJV TTN6KSEVCIB2BVQJK6NKNPNRY
10-06	1232	Oil Pump	30 chr EAM KMQKVY DWMIORJGHEDDRAX2YVRMDAU7
10-06	1647	Oil Pump	30 chr EAM FOR rANT-55 KMRC7M V6O2KH67FIIUAT6APZGB4I37
10-06	1716	Oil Pump	30 chr EAM SLFIGR VAFVPL3OQ2AGCB3UDZO4NGAU
10-06	1817	Oil Pump	30 chr EAM KMRO7D MVXA5DUUXH3VEEVLURBAF75C
10-06	1838	Oil Pump	30 chr EAM KMRFX3 DKPIYJ5ZXRC3V5ROQ6ZQQBGB
10-06	2231	Oil Pump	30 chr EAM SLWWLM SIUTZDIFR2HJMHDR06HLRVJQ
11-06	0143	Red Apple	30 chr EAM SLM7DY LWWLSNRBKB35QMUX7QPA2H3
11-06	0320	Red Apple	Skyking msg: Lynyrd Time 20 Auth WM
17-06	1425	Heavy Arm	30 chr EAM KD26CK QDLXCU3IRLOV5JRQDGGQKXZPO
17-06	1437	Heavy Arm	30 chr EAM KDSNYP YOL3B7HZODRSSMIFOYIKNVJM
17-06	1448	Heavy Arm	30 chr EAM KD37XJ SRYDEZ4J44OZELYXJQ7AD3BV
17-06	1746	Heavy Arm	30 chr EAM KDSL6U 6CNEQ7DLTH3GUTHQGGIVJOAZ

17-06	2247	Heavy Arm	30 chr EAM KDU7RS PUPH3GVEHODKZYFQBVPYP3J4
17-06	2315	Heavy Arm	30 chr EAM KDF2SK 4XWDCDM4JP4O7RGTDDBLAYUZG
17-06	2319	Heavy Arm	30 chr EAM KD2KE2 S42DFY2QX477NLUJRBPN2JK
17-06	2321	Heavy Arm	30 chr EAM KDF2SK 4XWDCDM4JP4O7RGTDDBLAYUZG
18-06	0139	Dynatron	30 chr EAM KDOCT6 IGEL4WHZO3JHWV75RROY3SIP
18-06	0554	Dynatron	30 chr EAM KDCUAV ZNTXQJ5CXT7QJJ4TPZXSNI
18-06	1806	Dynatron	30 chr EAM KDHRXL 5WWWVKNUEHB3ACIP3HNTZGE
18-06	1833	Dynatron	30 chr EAM KDU4G3 IZOGD3N3YE3MAGB7ZM6X73Q2T
18-06	1957	Dynatron	30 chr EAM KDEUYQ VH4VDNX4PEAJREZ3V7DMC6IF
18-06	2033	Dynatron	30 chr EAM KDUQCQ 4F7ABLN82QZ4KDU3JEVYNCI
18-06	2036	Dynatron	30 chr EAM KDQ54O IZPI2EZAV3JFNB55GJZJNF6K
18-06	2039	Dynatron	30 chr EAM KDLOZV GKDYV3JF2EECO6ZLN75B76DE
18-06	2042	Dynatron	30 chr EAM KDU656 YWJ264CA74HYQKJ6R9RLEC7P
18-06	2044	Dynatron	30 chr EAM KDIGHM XZZHWP3ZEFY2WKXPJGZL75C
18-06	2301	Dynatron	30 chr EAM KD5YKR BPRBTQ3PKNSETEFNZ3HPLQWI
18-06	2355	Dynatron	30 chr EAM KMPFHD QTMBKE5VRQD52NVYWK274DFG
19-06	0007	Nickleton	30 chr EAM KMGINT NZNR3LSTOTOMBBT34WGB6UCS
19-06	0015	Nickleton	30 chr EAM KPB6U7 I6ZSRUITCDW6RYALBC6D7IY6
19-06	0117	Nickleton	30 chr EAM KDQ3I7 F3NLS62ZK4CV65QZ02RX6I3N
21-06	0531	Rare Coin	30 chr EAM KDLAJS L7IQ3LGFHRJUY56OLTT4ZGUL
21-06	0533	Rare Coin	30 chr EAM KDJKPL KVWP3SYTPOVAACIWC3GKLY6
21-06	0538	Rare Coin	30 chr EAM KD7NTI 3LY52H3COYD7DSM4ED3XIZNW
21-06	0601	Rare Coin	43 chr EAM KPUZCO XLLPNCRII3IJ56QWTPKI3MV56FYTGILGZKA
21-06	0610	Rare Coin	30 chr EAM KPS4IF EAJ3AE4DYCP5KUR5ZI5DA6ST
21-06	0628	Rare Coin	41 chr EAM KP6H4K M6RDYRKE672YHJ22VJM22SJAVRBA3IKATWC
21-06	0643	Rare Coin	30 chr EAM KPPOQF WYDKASKZMBPFZTJL6WBRJWYP
21-06	0726	Rare Coin	30 chr EAM KDL4BX WLXPGGTYKPCOHLGWOG743OD
21-06	1020	Rare Coin	30 chr EAM for Cap Pistol KPBWQ3 6XJN6GHBNCIKVDX3VHRQ6NLX
21-06	1137	Rare Coin	30 chr EAM for Cap Pistol KPUCAE QF7SVPGVJGZ2KA7NMBAM2TH6
21-06	1234	Rare Coin	30 chr EAM for Plum KPURIV XJA6233GRYSY5W772THCGRHM
21-06	1246	Rare Coin	30 chr EAM for Thrive KPI6YL WOLOJ4MMKYJLMP5Z72KUPB4F
21-06	1256	Rare Coin	30 chr EAM for Plum KPLQOJ CC34SU5HG4Z6VZ2QG0U3XMDQ
21-06	1306	Rare Coin	30 chr EAM for Thrive KPLJWR QIWP3GDHRX7Q75PQVUKYFPMU
21-06	1326	Rare Coin	30 chr EAM for Thrive KPPZTR 5635U5DM7QVQFD3JBQXCRTQ
21-06	1802	Rare Coin	36 chr EAM KPVKBR FUTJM357DWT2QB2NN6UZQ7IBTXKPEK
22-06	0422	Alderman	30 chr EAM KDGAMQ F2DBZLEHAYTUNE53BDOKSLJ
22-06	0429	Alderman	30 chr EAM KD7M5H V2RBZIP3WXUBOVBT3PLF35S
22-06	1441	Alderman	30 chr EAM KDYS4L E3CBZRBEGO3RMXFFBOQFTINK
22-06	1502	Alderman	30 chr EAM KD7TRN BFSQHUNWZWW7K3KQ2PC3VBH5
22-06	1506	Alderman	30 chr EAM KD7QRP 5EBKIQ46DV54K5YYLINS7R4
22-06	1510	Alderman	30 chr EAM KDT4OI WXKJSOSMB7DGBFLBD7TYQOA
22-06	1635	Alderman	30 chr EAM KPLUF2 4XGLCKDCYRGRJSCHKXUZ3XKJ
22-06	1817	Alderman	30 chr EAM KDIA5F 5Q3JOWKIX36IFDCFFAZFBQOE
22-06	2208	Alderman	30 chr EAM KDF6JP OQAZKQUF4DHYPYNBF24NDLKA
23-06	0121	Backhand	30 chr EAM KP27A2 X467SNY5PJ3HEFJGLYEJMT52
23-06	0502	Backhand	30 chr EAM KDZYNK C7UC6AT3VVXY2C4FPMT3J27W
23-06	0519	Backhand	30 chr EAM KDHGUE T26OJ3U2UR7GO3BQN2DXB2PH
23-06	1706	Backhand	30 chr EAM KDUYTW S2BFJTQHVVYQLLWNXI24YRM2A
23-06	1710	Backhand	30 chr EAM KDGHHB 6L2GGAJFZPZWTNXIG3DL2O4Y
24-06	1616	Peak Time	30 chr EAM for Pub Patrons KPXHR 23MVACTECMIPXBDXWBOELAK4
24-06	1717	Peak Time	30 chr EAM KDOORF LZXBL4YIEATTMXP6PEUJNQV7
24-06	2131	Peak Time	30 chr EAM KDDO3C J6NN6VCJIJD4WLHGKXEACZR4
24-06	2144	Peak Time	30 chr EAM KDQDCH 3IC2WB22YEIVDSL3VGLGRNDJ
24-06	2201	Peak Time	30 chr EAM KDLEUQ MWSYWKXDXORXBFWLM5Q63YH4

24-06	2203	Peak Time	30 chr EAM KDNXYR TDCVFTAT463PKUPLJRKNQHB2
25-06	0032	Nightfall	30 chr EAM KDE7JK BLAMOGOGWEPLACSPET2CSZXK
25-06	0329	Nightfall	Skyking msg Twofox (?) Time 29 Auth RB
25-06	1732	Nightfall	30 chr EAM GU6Q7M SLC7F2COYJ3MDG6PIISDEIKV
25-06	1734	Nightfall	30 chr EAM GUXL4J IDLWWPACTKS42GHRL37F25CL
25-06	1736	Nightfall	30 chr EAM GUCTZL 4STLN5HV2N6DDCJCL3IN5UEQ
25-06	1757	Nightfall	30 chr EAM GULH4G 62FT6RVFOGOG3DAMRAOQT2FD
25-06	1801	Nightfall	30 chr EAM GU6Q7M SLC7F2COYJ3MDG6PIISDEIKV
25-06	1806	Nightfall	30 chr EAM GU6Q7M SLC7F2COYJ3MDG6PIISDEIKV
25-06	1808	Nightfall	30 chr EAM GUXL4J IDLWWPACTKS42GHRL37F25CL
25-06	1811	Nightfall	30 chr EAM GUTQCN CVWNFE57IOR22ZZD2SGAILUD
25-06	1818	Nightfall	30 chr EAM GU3HGS 4IZBBWSV74YSMWVMGLVLEMP5
25-06	2156	Nightfall	30 chr EAM GUH3RT 2AYUCARNT7ASVUYO4PWIT6U
26-06	0207	Fanacity	52 chr EAM KPU5MG F76XSLQY3XUJNE5RQXA3MQFYH44BN7Q3SXLBMOTDIGOWDY
26-06	0237	Fanacity	30 chr EAM GUAZMJ JB4FLVCEJRSRD7RYZHK6DHOV
26-06	0244	Fanacity	30 chr EAM GUKWTU HA76WSN6UF3N46IBDFJBGMAS
26-06	0253	Fanacity	30 chr EAM GU436G BF42TS3GYKZ5QOMMLD5YQZTL

## RUSSIAN MILITARY TRANSCRIPTS

Excerpts from the huge amount of logs submitted by NH2, AB, JPL, F5JBR, AnEur, WP3, RP-MD

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

#### RNv – Russian Navy

4537 kHz, 07-06, 1852 UTC      VESTNIK (RMP) Russian Navy, Kaliningrad wkg BASALKA or PASALKA (RJ126)

#### RAv – Russian Air Force

Korsar	Russian Military Transport Aviation (VTA) HQs, Moscow
Polis	117th Air Transport Regiment (VTAP), 6956th Air Base, Orenburg
Klarnetist	196th Military Transport Air Regiment (VTAP), 6955th Air Base, Migalovo/Tver
Proselok	566th Air Transport Regiment (VTAP), Bryansk
Davlenie	708th Air Transport Regiment (VTAP), 6958th Air Base, Taganrog
Magnetron	566th Military Transport Air Regiment (VTAP) - Seshcha

#### 6685 kHz, 20-06

0827 UTC	Klarnetist w/78789 (IL-76MD) reporting 705/307 at 1126 MSK. Reports at 0843 UTC: 101/309 at 1140 MSK. Reports at 0852 UTC: 306/309 at 1151 MSK. At 0913Z reports 800/310 at 1213 MSK. Reports at 0934 UTC: 621/824/981/326 at 1233 MSK.
0828 UTC	82011 (Russian AF AN-124-100 566th Military Transport Air Regiment, Seshcha) calling Klarnetist
0829 UTC	Klarnetist w/76553 (IL-76MD 12th Military Transport Air Division-Tver/Migalovo) reporting passing #309 at 1128 MSK.
0843 UTC	Klarnetist w/95573 (unid) reporting 1113 MSK departure from Kadril (Russian AB Ryazan) w/12 tons fuel & "ops normal". Next is Buntar (Russian AB Orenburg-2).
0900 UTC	Y/L (Russian) w/long tuning counts.
0901 UTC	Klarnetist R/Cs w/Davlenie, Polis, Magnetron, Proselok & Polotnoy.
0918 UTC	Klarnetist w/76572 (IL-76MD) reporting departure from (missed) w/50 tons fuel & next is Chkalovsiy.
0929 UTC	St Petersburg (Y/L Russian) w/volmet.
0943 UTC	Klarnetist w/78817 (IL-76MD) reporting 1120 MSK departure from Chkalovskiy w/43 tons fuel & next is Korshun (Russian AB Gvardeyskoe, Crimea).
1003 UTC	76546 (IL-76MD 12th Military Transport Air Division-Tver/Migalovo) calling Klarnetist & Korsar w/no response.
1019 UTC	78840 (IL-76MD) calling Davlenie & Korsar w/no response.
1410 UTC	Klarnetist w/76713 (IL-76MD 708th VTAP Taganrog Central) reporting 1606 MSK departure from Kvartet (Russian AB Taganrog-Central) w/40 tons fuel and after 1 hr flt 27 tons fuel remaining. Next is Buntar.
1415 UTC	Proselok w/76796 (IL-76MD) reporting 1700 MSK departure from (missed) w/54 tons fuel. Next is Levashovo.

4230 kHz, 12-06, 1541 UTC, USB      Russian Air Defense. Tracking  
 6367 kHz, 24-06, 0834 UTC, USB      Russian Air Defense. Tracking  
 6367 kHz, 24-06, 0834 UTC, USB      Russian Air Defense. Tracking

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

### **14411 kHz, 04-06, 1715 UTC**

RDL RDL RDL 75847 83572 75847 83572 75847 83572 K

### **5807 kHz, 05-06, 0739 UTC**

XXX XXX RJY50 RJY50 71069 SINEJNOSTX 2502 2680 K

### **18.1 kHz, 06-06, 0839 UTC**

RDL 50514 44005 NORDOLEN 8448 7922 K

### **18.1 kHz, 06-06, 0841 UTC**

RDL 70411 54987 K

### **5113 kHz, 07-06, 1817 UTC**

XXX WEGI 42464 FENOGERRB 0546 1485 K

### **4861 kHz, 07-06, 1820 UTC**

XXX LOMO 80283 WHODORIS 8943 1150

### **5361 kHz, 07-06, 1826 UTC**

XXX VZFY 86240 MARWRODENX 6183 1422

### **4024 kHz, 13-06, 1800 UTC**

G2H6 de LVÛ7 QTC 70 10 13 2030 = ZFU =

57654 70842 82079 93349 14893 99589 68765 18034 94339 =

(repeats message) AR

### **4256.5 kHz, 13-06, 1813 UTC**

MKN6 wkg 2M2E.

Message i.p. 13210 42656 72560 73003 10052 86520 923XX 13210 23744 86460 83403 10094 8552X 915XX 13021 K

### **10561 kHz, 06-06**

0825 UTC      XXX XXX WLHN WLHN 62077 14957 02879 POSTRONOSYJ 0562 8437 K

0831 UTC      XXX XXX G5CX G5CX F2ET F2ET 23425 27205 STUKOBOK 5792 5515 K

0900 UTC      XXXX XXXX 5J7Q 5J7Q 78482 GAPLOIDNYJ 5474 5878 K

0910 UTC      XXX XXX (9205.006) = DDDDD LJHJ \_\_\_\_\_

0918 UTC      XXX XXX TUZR TUZR 15757 WTAVNOJ 6196 1149 [HER] K

0921 UTC      XXX XXX TUZR TUZR ZYKOKILX 7439 3217 K

0942 UTC      XXX XXX 5J7Q 5J7Q VENICHOK 0584 5791 WLIÂNIE 2191 3285 K

0951 UTC      XXX XXX 5J7Q 5J7Q 59849 AIR 5212 9180 WSPOLXE 3348 6382 K

1037 UTC      XXX XXX J5FB J5FB 85862 71985 124 = DDDDD LJHJ IFXÔD STHOO LFRSJ

1058 UTC      XXX XXX H2TM H2TM 20141 WAVNYJ 1154 6971 K

1120 UTC      XXX XXX 5J7Q 5J7Q 72171 DOWODOÛNYJ 3398 4533 K

1254 UTC      XXX XXX WEGI WEGI 93540 126 = DDDDD LJHJ LCFCHÂ JAUQP FIGYN JAUQP \_\_\_\_

1324 UTC      XXX XXX N1DX N1DX 04564 125 = DDDDD CHAPZK LZDEA CHCHWJP LCDEA CHCHWJP

1515 UTC      XXX XXX WEGI WEGI 96291 127 = DDDDD LPJHD UÔEXN RNÂNÂ HCHÛMA \_\_\_\_

1543 UTC      XXX XXX WEGI WEGI 38928 KREPDECHIN 3545 0538 K

**7817//10561 kHz, 16-06, 0800 UTC**

XXX XXX WLHN WLHN 047 = ZÔUIR GEUÃO ZSDFS ACHGHA ZSDFS ACHGHA ZSDFS ACHGHA CCWFO OTKAW UTQUB LQNV  
VMBET ÂYPÂE K

Daily simplex net. Fomer RMW44.

Net control: RBL91 wkg 6 outstations: . Daily.

Outstations: RFN72, RFN32, RFN33, RFN68, RFN76, RFN77

Collective callsign: RADJ

**4523 kHz, 08-06, 1900 UTC**

RADJ ZSA ? K

RFN72 REN72 ZSA 2 K

RFN72 DE RBL91 ZSA 1 R K

RFN32 ZSA 1 K

RFN32 DE RBL91 ZSA 2 R K

RFN74 ZSA 1 K

RFN74 DE RBL91 ZSA 1 R K

RFN33 ZSA 2 K

RFN33 DE RBL91 ZSA 2 R K

1903Z

RFN68 ZSA 2 K

RFN68 DE RBL91 ZSA 3 R K

RFN76 ZSA 2 K

RFN76 DE RBL91 ZSA 1 R K

RFN77 ZSA 1 K

RFN77 DE RBL91 ZSA 2 R K

**5073 kHz, 16-06, 1050 UTC, i.p.**

56435 64356 56789 35679 89435 35035 34567 77834 67900 11235

35678 43567 34356 89789 56432 00134 14565 56543 34321 11234

34234 50123 34112 16030 821 K

EGX8 R 219 K

EGX8 DE DSPY QTC K

EGX8 QRV K

DSEY 890 0 EEEEE

DSPY 890 33 16 1344 890 =

821 =

78901 22356 78110 33560 11235 99002 11002 21234 45680 33567 (Cont'd)

16030 821 K

EGX8 R 890 K

DE DSPY QTC K

EGX8 QRV K

DSPY 484 3316 1350 484 =

821 =

FÜBLZ OOPBX KUDDV ETMNK QQZPT BÖSÖL ÜBZÜM (Cont'd)

**5354.5 kHz, 17-07, 0918 UTC, i.p.**

04230 96760 41612 22973 17030 647 K

P8SM R 304

P8SM DE QQ9S QTC K

P8SM QRV K

QQ9S 321 33 17 1207 321 = 647 = 81707 67360 93993 29636 61098 50309 (Cont'd)

17030 647 K

P8SM R 321 K

P8SM DE QQ9S QTC K

P8SM QRV K

QQ9S 174 33 17 1211 174 =

647 = 54716 25164 70573 75410 47481 29773 (Cont'd)

**10762//10766 kHz, 14-06, 1205 UTC**

XXX XXX RDL RDL 87649 82059 [RPT 3X ] K

**7816//7931//14552//10561//13396//13397//12593 kHz, 14-06, 1530 UTC**

XXX XXX WEGI WEGI 02095 UTOPOCHARF 0604 2406

**7816//7931//10561 kHz, 15-06, 1500 UTC**

XXX XXX 9TIC 9TIC 18125 SONMOHIOS 8293 7960 K

**7816//10561 kHz, 16-06, 0802 UTC**

XXX XXX WLHN WLHN 047 = ZÔUIR GEUÂO ZSDFS ACHGHA ZSDFS ACHGHA ZSDFS ACHGHA CCWFO OTKAW UTQUB LQNV  
VT VMBET ÂYPÂE

**7816//10561 kHz, 16-06, 1202 UTC**

XXX XXX WLHN WLHN 265 = DDDDD QWYVG LÛÂÛG RMÂGÔ MDENE RMÂGÔ MDENE RMAGÔ MDENE PQKDD ÂYPÂP = K

**7816//7931//10561 kHz, 17-06, 0744 UTC**

XXX XXX WEGI WEGI 80395 SESSIONNYJ 0960 0814

**7817//10516//13964 kHz, 18-10, 1002 UTC**

XXX XXX WLHN WLHN 338 =

DDDDD ZBFCO VQPSP LRWQS SZÂECH LRWQS SZÂECH LRWQS SZÂECH HTICF VZYRK KDÂCHC BCLZY ÂIPÊ = K

**7817//10561 kHz, 18-06, 1202 UTC**

XXX XXX WLHN WLHN 055 =

MMMMM WMHLE APEFH ROBKU WMSQK ROBKU WMSQK ROBKU WMSQK GWQEG ÂIPÂP = K

**10762 kHz, 19-06, 0745 UTC**

XXX XXX RDL RDL ... = 22222 64501 72963 09499 ?

**10561 kHz, 10-06, 0802 UTC**

XXX XXX WLHN WLHN 577 =

MMMMM UQGSK TMRQÂ UQGSK TMRQÂ UQGSK TMRGÂ HDSTD OECHQCH LGEUU ÔNEYS WPPÂE = K

**10561 kHz, 21-06, 0747 UTC**

XXX XXX WEGI WEGI 79730 TRAKOKUS 3605 9193 (HERH) K

**7817//7931//10561 kHz, 21-06, 0758 UTC**

XXX XXX WEGI WEGI 72422 WSINARNIK 3068 1732 SNEGOSRYW 5218 1304 K

**10762//10766 UTC, 21-06, 0759 UTC**

XXX XXX WEGI WEGI 48588 79930 TRAKOKUS \_ \_ \_ 93 K

**10762//10766 UTC, 21-06, 0805 UTC**

XXX XXX WEGI WEGI 64484 72422 SWINARNIK 3068 1732 SNEGOSRYW 5218 1304 K

**10762//10766 UTC, 21-06, 0810 UTC**

XXX XXX RDL RDL 72826 46637 KRUGLÂCHKA 3775 5427 K

**7817//10561 kHz, 22-06, 0802 UTC**

XXX XXX WLHN WLHN 582 =

ATTRO ÂTWOM ÔNDGU KLVN SÔNDGU KLVNS ÔNDGU KLVNS NHÂCHQ WSDMQ CUÂUY WCÛDA ÂFPZR WWPÂE = K

**11136 kHz, 28-06, 0850 UTC**

XXX XXX XXX KIBY KIBY ASFCUS //08 16 POPRE K

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

11000 kHz, 13-06, 0820 UTC

RIW Russian Navy HQ, Moscow. RIW wkg RIF94

### **Caspian Fleet**

6905 kHz, 05-06, 0600 UTC RQO61 wkg RSU8, RPB, RFY, RAN64, RAN66, RAM69

6905 kHz, 09-06, 0600 UTC RQO61 wkg RSU8, RPB, RFY, RAN64, RAN66, RAM69

### **Black Sea Fleet**

8345.0 kHz, 05-06, 0608 UTC

RMUW Russian Navy ship Shakhter (SB-922) wkg RCV. QSX on 10543 kHz.

Location <https://goo.gl/maps/uRKHcTtVFJU2>

5855.0 kHz, 06-06, 0545 UTC

RCV Russian Navy, Sevastopol. RCV wkg RIC87

5467.5 kHz, 06-06, 0605 UTC

RMGB Russian Navy ship wkg RCV

5467.5 kHz, 06-06, 0627 UTC

RMEW Russian Navy ship wkg RCV: SML 11111 FOR RCV RJF81 RJE65

5467.5 kHz, 06-06, 0630 UTC

RMEW Russian Navy ship wkg RCV: SML 06061 99366 10275 ...

Location <https://goo.gl/maps/jKJrvtFFwcw>

8345.0 kHz, 06-06, 1806 UTC

RMUW Russian Navy ship Shakhter (SB-922 wkg RCV: SML FOR RJE73 RJH45 = 06181 99405 10273 ... QSX on 10543 kHz.

Location <https://goo.gl/maps/BUxpKP9LzFu>

3315.5 kHz, 06-06, 1914 UTC

RCV Russian Navy, Sevastopol msg SML for RIC87 //5855 kHz

7566.0 kHz, 09-06, 0521 UTC

RCV Russian Navy, Sevastopol wkg RKZ

### **Baltic Fleet**

6461.5 kHz, 06-06, 0551 UTC

RMP Russian Navy, Kaliningrad wkg RHL80

4440.0 kHz, 06-06, 1841 UTC

RMAE Russian Navy ship msg for RMU51

6461.5 kHz, 07-06, 1826 UTC

RMP Russian Navy, Kaliningrad wkg RGR76

6461.5 kHz, 07-06, 1834 UTC

RMP Russian Navy, Kaliningrad wkg RJY93

3734.0 kHz, 07-06, 1836 UTC

RMP Russian Navy, Kaliningrad wkg REO

5894.0 kHz, 07-06, 1850 UTC

RMP Russian Navy, Kaliningrad wkg RJ126: QSU1 QSX 6277 QWH 4537

4940.5 kHz, 05-06, 0443 UTC

RIQ88 Russian Navy wkg RAI62 RAI63

4440.0 kHz, 06-06, 1841 UTC

RMAE Russian Navy msg SML for RMU51

2580.5 kHz, 08-06, 1851 UTC

RMP Russian Navy, Kaliningrad wkg REO (QTCs SML) in Broadcast //3734 kHz

5054.0 kHz, 08-06, 1851 UTC

RMP Russian Navy, Kaliningrad wkg RIT81

4440.0 kHz, 09-06, 1806 UTC

RMAE Russian Navy wkg with RMDG RIQ83

3734.0 kHz, 10-06, 1753 UTC

RMP Russian Navy, Kaliningrad wkg REO //2580.5 kHz

8191.0 kHz, 11-06, 1827 UTC

RMP Russian Navy, Kaliningrad wkg REO //3734, 2580.5 kHz

5054.0 kHz, 11-06, 1802 UTC

RMP Russian Navy, Kaliningrad wkg RIT81

5213.0 kHz, 11-06, 1810 UTC

RMP Russian Navy, Kaliningrad wkg RKB91. QSX on 6290 kHz

4440.0 kHz, 11-06, 1900 UTC

RMAE Russian Navy wkg RMDG RIQ83. QSX on 4530 kHz

5054.0 kHz, 11-06, 1558 UTC

RMP Russian Navy, Kaliningrad wkg RAL57

4514.5 kHz, 13-06, 1902 UTC

RJD69 Russian Navy wkg RJP34 RJ152

### **Northern Fleet**

7422.0 kHz, 08-06, 1538 UTC

RIT Russian Navy, Severomorsk. RLO de RIT

4619.5 kHz, 09-06, 1903 UTC

RBE99 Russian Navy ship wkg RJD99

6973.0 kHz, 09-06, 0501 UTC

RIT Russian Navy, Severomorsk. RLO de RIT //7422 kHz

4619.5 kHz, 09-06, 0501 UTC

RBC89 Russian Navy wkg RJD99 (SML FOR RJD90 RJH74)

4619.5 kHz, 09-06, 0501 UTC

RBE99 Russian Navy ship wkg RJD99 (SML FOR RJH74 RJD90)

Location: 09061 99656 10398 <https://goo.gl/maps/iKgDwYba3EN2>

3875.5 kHz, 09-06, 0501 UTC

RJD99 Russian Navy, Severodvinsk wkg RBE99

3875.5 kHz, 10-06, 0501 UTC

RJD99 Russian Navy, Severodvinsk wkg RBE99. QSX on 4625.5 kHz

6423.5 kHz, 11-06, 0501 UTC

REE5 Russian Navy. QSX on 4625.5 kHz

2802.0 kHz, 12-06, 0501 UTC

RCV Russian Navy, Sevastopol. Message for RKZ. //3315.5, 5855 kHz



## Pacific Fleet

### 5054 kHz, 19-06, 1220 UTC

RJC60 de RMRA QSA? QTC K

### 6423 kHz, 19-06, 1803 UTC

RJI99 wkg RJS. Message i.p. 99..6 11425 41/97 20000 10120 40100 54000 70000 22200 00011 2//// 19012 = AR RJI99 K

### 6423 kHz, 19-06, 1811 UTC

RJS de RMRA QTC 472 20 19 2100 472 = FM RMRA FOR RJH45 RJH48 =

19181 99344 11298 93497 93215 10021 41003 53000 70222 8//// 22222 00000 20000 30000 40000 50000 6//// = AR RMRA K. RJS R 472

### 3201 kHz, 20-06, 1411 UTC

RCC Russian Navy, Pacific Fleet HQ, Petropavlovsk Kamchatskly wkg REG86: FM RE86 FOR RCC 11111

### 3201 kHz, 20-06, 1415 UTC

RCC Russian Navy, Pacific Fleet HQ, Petropavlovsk Kamchatskly wkg RLP69:

RLP69 766 29 20 1718 766 = FM RLP69 FOR RCC/RJS = 11111 32154 ... = AR RLP69 K

### 5882 kHz, 27-06, 0605 UTC, i.p.

RJI35 198 13 27 0900 198 =

FM RJI35

FOR RJE60 RJS45 RJH48 =

RJD93 R 198 K (RJD93 is Naval Station, Sovetskaya Gavan)

RJI35 OK QRU K

VVV RJD93 DE RLV50 QSA ? QTC K

RLV50 DE RJD93 QSA 1 QRV K

RLV50 236 13 27 0900 236 =

FM RLV50

FOR RJH45 / RJH48 / RJZ4 =

27061 99475 11391 43194 90504 10100 40100 57006 74546 8//// 22200 00100 27012 = AR RLV50 K (Position report)

RJD93 RPT PBL K

RLV50 236 13 27 0900 236 =

FM RLV50

FOR RJH45 / RJH48 / RJZ4 K

RJD93 NR 236 RPT 1 K

RLV50 27061 K

RJD93 R 236 RPT 1 K

RLV50 RPT 27061 K

RJD93 NR 236 RPT 3 AA K

RLV50 RPT 43/94 90504 10100 40100 57006 74546 8//// 22200 00100 27012 K

RJD93 NR 236 RPT 3 K

RLV50 RPT 11391 K

RJD93 R 236 K AR

## M32b - Russian Naval Aviation (Aviatsiya Voenno-morskogo Flota Rossii)

### 8816 kHz, 02-06

0718 UTC 71877 very weak... RJF94 QTO 0708 QRD XLAA XLMV QRE 0840 QBD 0500

0749 UTC 08128 QTO 0741 QRD XUDE XLMV QRE 1051 QBD 0600

0805 UTC 71877 QTH 16607 13913 QTR 0803 QBD 0400 QBG 5200 QRE XLAA 0835

0832 UTC 71877 QTC QQM XLAA 0831

0842 UTC 08128 QTH 16436 13444 QTR 0841 QBG 7000

1145 UTC 08128 QTO 1135 QRD XRFI XUDE QRE 1445 QBD 0700

1239 UTC 08128 QTH 15131 14311 QTR 1235 QBG 7300

1338 UTC 08128 QTH 14731 14057 QTR 1335 QBG 7000

1344 UTC 71877 QTO 1332 QRD XUBD XLWF QRE 1450 QBD 0500

1438 UTC 08128 QTH 14510 13452 QTR 1435 QBD 0330

1458 UTC 08128 QTC QQM XRFI 1457

1637 UTC 71877 QTO 1621 QRD XLMG XUBD QRE 2040 QBD 0500  
 1749 UTC 71877 QTH 15841 13801 QTR 1747 QBD 0400 QBG 5800  
 1841 UTC 71877 QTH 16117 13700 QTR 1837 QBD 0300 QBG 5500  
 1954 UTC 71877 QQL ULPE 1949 QBD 0200 QRE XLMG 2055  
 2058 UTC 71877 QTC QQM XLMG 2057

#### 8816 kHz, 04-06

1214 UTC 54545 QTO 1200 QRD XUMO XLMV QBD 0700 QRE 1250  
 1258 UTC 54545 QQL ULPE 1257 QBG 7600 QBG 0600  
 1511 UTC 09779 QTO 1500 QRD XRKE XRFI QRE 1610 QBD 0300  
 1603 UTC 09779 QTC QQM XRKE 1603  
 1743 UTC 09779 QTO 1733 QRD XLWF XRKE QRE 2113 QBD 0700  
 1833 UTC 09779 QTH 14921 14117 QTR 1831 QBG 6700  
 1938 UTC 09779 QTH 15414 13854 QTR 1936 QBG 7000  
 2036 UTC 09779 QTH 15841 13801 QTR 2035 QBD 0300  
 2049 UTC 09779 QTC QQM XLWF 2049  
 2221 UTC 09779 QTO 2214 QRD XLMV XLWF QRE 0035 QBD 0900  
 2317 UTC 09779 QTH 16318 13541 QTR 2315 QBG 6700  
 0017 UTC 09779 QAY XLMG 0016 QBG 6700  
 0043 UTC 09779 QTC QQM XLMV 0044

#### 8816 kHz, 05-06

0710 UTC 26894 QTO 0703 QRD XLAA XLMV QRE 0830 QBD 0500  
 0831 UTC 26894 QTC QQM XLAA 0830  
 0936 UTC 26894 QTO 0930 QRD XUMO XLAA QRE 1200 QBD 0500  
 1042 UTC 26894 QTH 15916 13801 QTR 1042 QBG 6000 QBD 0400  
 1110 UTC 26894 QTH 15724 13800 QTR 1110 QBG 6000 QRE XUMO 1210  
 1210 UTC 26894 QTC QQM XUMO 1210  
 1329 UTC 26894 QTO 1308 QRD XLMV XUMO QRE 1740 QBD 0500  
 1434 UTC 26894 QTH 15945 13750 QTR 1434 QBG 6400 QBD 0400  
 1537 UTC 26894 QTH 16313 13546 QTR 1537 QBG 6100 QBD 0300  
 1630 UTC 26894 QTH 16557 13350 QTR 1630 QBG 6100 QBD 0200 QRE XLMV 1730  
 1713 UTC 54545 QTO 1706 QRD XLMV XUMU QBD 0700 QRE 2015  
 1731 UTC 26894 QTC QQM XLMV 1730  
 1758 UTC 54545 QQL ULWC 1755 QBG 8250 QBD 0600  
 1906 UTC 54545 QQL ULPE 1903 QBD 0500 QRE 2005

#### 8816 kHz, 06-06

0745 UTC 42745 QTO 0725 QRD XUMU XRFI QRE 1025 QBD 0430  
 0759 UTC 26894 QTO 0746 QRD XLDR XLMV QRE 0750 QBD 0500  
 0845 UTC 42745 QTH 14717 14010 QTR 0825 QBG 8550 QRE XUMU 1025  
 0902 UTC 26894 QTH 17044 14415 QTR 0900 QBG 5800 QBD 0400  
 0918 UTC RJF94 QTH 17103 14628 QTR 0912 QBG 5800 QRE XLDR 0950  
 0923 UTC 54544 QTO 0900 QRD XLAA XLMV QBD 0600 QRE XLAA 1015  
 0933 UTC 42745 QTH 15325 13919 QTR 0925 QBG 8550 QRE XUMU 1000  
 0951 UTC 26894 QTC QQM XLDR 0950  
 1000 UTC 42745 QTC QQM XUMU 1001  
 1110 UTC RJF94 QTO 1102 QRD XLMV XLDR QRE 1250 QBD 0500  
 1203 UTC RJF94 QTH 17035 14445 QTR 1200 QBG 5500 QBD 0400 QRE XLMV 1759  
 1307 UTC 26894 QTC QQM XLMV 1307  
 1517 UTC 54544 QTO 1503 QRD XLMV XLAA QBD 0430 QRE XLMV 1625

**8816 kHz, 15-06**

1509 UTC RJF94 RJC38 DE 26894 QTH 16628 13615 QTR 1506 QBG 5500 QBD 0400 QRE XLMV 1607 K  
QQM XLMV 1610 SK

1110 UTC RJF94 RJC38 DE 54543 QTR 1100 QTH 16042 13436 QBD 0900 K  
QTR 1300 QTH 16028 13258 QBD 0700 K  
QTR 1400 QTH 16110 13220 QBG 7000 K  
QQM XLMV 1545 SK

1152 UTC RJF94 RJC37 (?) DE 08128 QAY URRR 1146 QBK 6400 K  
QQM XRKE 1222 SK

1404 UTC RJF94 RJC38 DE 08128 QTO 1355 QRD XRFI XRKE QRE 1455 QBD 0730 K  
QQM XRFI 1501 SK

1421 UTC RJC38 RJF94 DE 26894 QTO 1411 QRD XLMV XLAA QRE 1611 QBD 0500 K  
QTH 16628 13615 QTR 1506 QBG 5500 QBD 0400 QRE XLMV 1607 K  
QQM XLMV 1610 SK

**8816 kHz, 18-06**

0715 UTC RJF94 DE 54326 QTO XRKE QTR 0700 QRD XNKG QRE 1430 QBD 0900 K  
QTR 0802 QTH 4846 4238 QAH 250 QBD 0800 K  
QTR 0902 QTH ..... QAH 250 QBD 0700 K  
QTR 0955 QTH 5323 5419 QAH 250 QBD 0600 K  
QTR 1159 QTH 5548 .3.6 QAH 270 QBD 0500 K

0725 UTC RJF94 DE 54328 QTO XRKE QTR 0710 QRD XNKG QRE 1500 QBD 0900 K  
QTR 0810 QTH 4846 4238 QAH 270 QBD 0800 K  
QTR 0912 QTH 5153 4748 QAH 270 QBD 0700 K  
QTR 1020 QTH 5344 5630 QAH 270 QBD ... K  
QTR 1510 QTH 558 7306 QAH 270 QBD 0400 K

1225 UTC RJF94 RJC38 DE 26892 QTO 1214 QRD XLAA XLMV QBD 0500 QRE 1410 K  
QTH 16615 13659 QTR 1314 QBG 5200 QRE XLAA 1410 K  
QQM XLAA 1401 SK  
RJF94 RJC38 DE 26892 QTO 1500 QRD XLMV XLAA QBD 0500 QRE 1650 K  
QQM XLMV 1645 SK

1702 UTC RJF94 DE 54326 QTO XNKG QTR 1650 QRD XHPP QRE 0050 QBD 1000 K

1739 UTC RJF94 DE 54328 QTO XNKG QTR 1727 QRD XHPP QRE 0150 QBD 0900 K

4979 kHz, 06-06, 1904 UTC RAL2 wkg RBL2, RGH2, RMW2, RHQ2, RBL66

10425 kHz, 06-06, 0709 UTC RAL2 wkg RIB2, RGH2, RMW2, RHQ2, RBL66

13975 kHz, 12-06, 0703 UTC RAL2 wkg RFH2, RDU2, RHW2, RBL71

10425 kHz, 13-06, 0702 UTC RAL2 wkg RBL2, RGH2, RMW2, RHQ2, RBL66

**M32c - Russian Air Force (Voyenno-vozdushnye sily Rossii)****8895 kHz, 06-06**

W-marker at 0500, 0620, 0640, 0700, 0720, 0740, 0800, 0820, 0840, 0900, 0920, 0940, 1000, 1020, 1120, 1140, 1200, 1220, 1240, 1300, 1320, 1340, 1720, 1740, 1820 UTC

1230 UTC ZM2G DE TV6P QSA2 K

1232 UTC ZM2G DE TV6P QRV K

1233 UTC TV6P = 586 302 870 ? K

1317 UTC ZM2G DE TV6P QRV K

1318 UTC TV6P = 871 847 C ? K

1322 UTC ZM2G DE TV6P QRV K

1325 UTC TV6P = 571 929 516 C ? K

1407 UTC ZM2G DE TV6P RPT K

1410 UTC ZM2G DE TV6P QSA NO K

1414 UTC ZM2G DE TV6P = 967 543 082 C ? K

1730 UTC ZM2G DE TV6P QRV K

1731 UTC TV6P = 505 285 K

1743 UTC ZM2G DE TV6P QRV K

1744 UTC TV6P = 630 929 820 708 615 C ? K

### 9128 kHz, 06-06

1228 UTC TV6P DE ZM2G QSA? K  
1229 UTC TV6P DE ZM2G OK QSA2 QTC K  
1232 UTC ZM2G very weak  
1315 UTC TV6P DE ZM2G QTC K  
1316 UTC ZM2G QTC NR2 = 871 847 K  
1322 UTC ZM2G QTC NR3 = 571 929 516 K  
1406 UTC TV6P DE ZM2G QTC K  
1407 UTC ZM2G QTC NR4 = 967 543 082 K  
1500 UTC TV6P DE ZM2G QTC K  
1502 UTC KFE4 DE ZM2G QSA? K  
1503 UTC NX8T DE ZM2G QSA? K  
1648 UTC TV6P DE ZM2G QSA K  
1649 UTC TV6P DE ZM2G OK QSA2 QSA3 K  
1701 UTC TV6P DE ZM2G QTC K  
1702 UTC ZM2G QTC 067 130 974 K  
1729 UTC TV6P DE ZM2G QTC K  
1730 UTC ZM2G = 505 285 K  
1742 UTC TV6P DE ZM2G QTC K  
1743 UTC ZM2G QTC = 630 929 820 708 615 K  
1925 UTC TV6P DE ZM2G QTC K

7942 kHz, 06-06, 0541 UTC: REA4 Russian Air Force i.p. 950// = REA4 K



Former US military relay station in Hoek van Holland, Netherlands



Military antennae in Hoek van Holland



## LOGS SECTION

Code	Freq	Date	UTC	Day	Details	Mode	Contributor
---	6569	5-6	0817	Tue	i.p. G2L QSA 4 QSA ? K QRU K K VVV HPH JPH HPH DE 9BA 9BA QSA 4 QSA ?	CW	(JPL-J)
---	4337	12-6	1458	Tue	HZ6 wkg ???, FT4, MU4, 6AP, 47Y, Z3F. Collective callsign: DI6	CW	(F5JBR)
---	3021	13-6	1232	Wed	North Korean military i.p. ABV ABV NR 14 88 30 21 32 = = 31573 70894 26353 82538 94708 ...	CW	(F5JBR)
---	3387	13-6	1303	Wed	North Korean military. CQ DE 9M0 QSA ? 5263 5263. 9M0 DE 9D9 QSA 5 7425 K	CW	(F5JBR)
---	3387	13-6	1344	Wed	North Korean military. DE UF8 QSL NR 01 K. DE 9D9 QSL NR 01 K. DE 88I QSL NR 01 K. CQ CQ DE 9M0 QRV 01 QRV 01 QRV 01	CW	(F5JBR)
---	3387	13-6	1351	Wed	North Korean military. 9M0 DE 88I QSL ? QSL ? K	CW	(F5JBR)
---	4284	14-6	1103	Thu	North Korean military. VVV B83 DE CFB QSA ? K	CW	(JPL-Sib)
---	3613	15-6	1206	Fri	i.p. VVV 3P8 (x3) DE 3GO (x2) QRU K 9206 .. SK	CW	(JPL-Sib)
---	3419	15-6	1240	Fri	i.p. VVV XCI (x3) DE JZ5 (x2) QRU ? 675 (x3) ..8 378 VVV OGO (x3) DE O3O (x2) QRU ? (roundslip changed at 1243z)	CW	(JPL-Sib)
---	3387	18-6	1236	Mon	North Korean military. OGO wkg OEA OPT ORB O6W ON6 OB9 OIK ORZ OOO OWB OBR OP8 OHC OKP OG5 OH7 O9B	CW	(F5JBR-J)
---	5430.5	19-6	0703	Tue	Unid Russian station test counts 1 2 3 4 5 6 7 8 9 10 priyom	USB	(AB)
---	3759	19-6	1839	Tue	i.p. VVV FG9(x3) DE AH9 (x2) QRU 08. 089 W...	CW	(JPL-Sib)
---	3387	23-6	1244	Sat	North Korean Military. OGO wkg OEA OPT ORB O6W ON6 OB9 OIK ORZ OOO OWB OBR OP8 OHC OKP OG5 OH7 O9B	CW	(F5JBR-J)
---	3387	23-6	1244	Sat	OGO wkg OEA OPT ORB O6W ON6 OB9 OIK ORZ OOO OWB OBR OP8 OHC OKP OG5 OH7 O9B	CW	(F5JBR-J)
DPRK	12115	27-6	0746	Wed	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
E06	15830	7-6	0600	Thu	328 174 50 57169 92190 54426 ... 92963 28323 77510 174 50 00000	USB	(AB)
E06	5934	7-6	2028	Thu	Early start. 724 847 58 67391 24518 97497 ... 21645 72848 69529 847 58 00000	USB	(AB)
E06	13985	21-6	0500	Thu	328 609 54 26775 41945 36703 ... 53084 38421 74601 609 54 00000	USB	(AB)
E06	15830	21-6	0600	Thu	328 609 54 26775 41945 36703 ... 53084 38421 74601 609 54 00000	USB	(AB)
E06	5940	21-6	2030	Thu	724 183 77 73413 48673 92659 ... 91242 17492 27491 183 77 00000 Windows shutdown sound	USB	(AB)
E06	13985	22-6	0500	Fri	328 609 54 26775 41945 36703 ... 53084 38421 74601 609 54 00000	USB	(AB)
E06	15830	22-6	0600	Fri	328 609 54 26775 41945 36703 ... 53084 38421 74601 609 54 00000	USB	(AB)
E06	5741	22-6	2130	Fri	315 183 77 73413 48673 92659 ... 91242 17492 27491 183 77 00000	USB	(AB)
E06	14932	28-6	0300	Thu	361 857 36 22720	USB	(HFD)
E06	12212	28-6	0400	Thu	361	USB	(HFD)
E06	13366	30-6	1100	Sat	E06 instead of F06 832 791 40 54157 61177 13224 ... 11100 17348 41948 791 40 00000	USB	(AB/MPJ)
E06	11438	30-6	1200	Sat	E06 instead of F06 832 791 40 54157 61177 13224 ... 11100 17348 41948 791 40 00000	USB	(AB)
E07	18637	1-6	1100	Fri	648 648 648 000	USB	(MPJ-HOL)
E07	17437	1-6	1120	Fri	648 648 648 000	USB	(MPJ)
E07	14842	3-6	1700	Sun	stops and restarts after 5 min. 841 841 841 1 6487 94 6487 94 72119 97442 19412 ... 30038 37309 05804 000 000	AM	(AB/MPJ)
E07	13442	3-6	1720	Sun	841 841 841 1 6487 94 6487 94 72119 97442 19412 ... 30038 37309 05804 000 000	AM	(AB/MPJ/HFD)
E07	12142	3-6	1740	Sun	841 841 841 1 6487 94 6487 94 72119 97442 19412 ... 30038 37309 05804 000 000	AM	(AB/MPJ/HFD)

E07	16328	4-6	1900	Mon	384 384 384 000	USB	(AB/MPJ)
E07	14828	4-6	1920	Mon	384 384 384 000	USB	(AB/MPJ)
E07	17437	5-6	1120	Tue	648 1 8736 193 77125 99685 77078 ... 20137 32570 77031 000 000	USB	(MPJ)
E07	15837	5-6	1140	Tue	648 1 8736 193 77125 99685 77078 ... 20137 32570 77031 000 000	USB	(MPJ)
E07	14842	6-6	1700	Wed	841 841 841 1 6487 94 6487 94 72119 97442 19412 ... 30038 37309 05804 000 000	AM	(AB/MPJ)
E07	13442	6-6	1720	Wed	841 841 841 1 6487 94 6487 94 72119 97442 19412 ... 30038 37309 05804 000 000	AM	(AB/RL-G/MPJ)
E07	12142	6-6	1740	Wed	841 841 841 1 6487 94 6487 94 72119 97442 19412 ... 30038 37309 05804 000 000	AM	(AB/RL-G/MPJ)
E07	16328	6-6	1900	Wed	384 384 384 000	USB	(AB/MPJ)
E07	14828	6-6	1920	Wed	384 384 384 000	USB	(AB/GHn/MPJ)
E07	12213	7-6	2010	Thu	273 273 273 000	USB	(AB/HFD)
E07	10714	7-6	2030	Thu	273 273 273 000	USB	(AB/HFD)
E07	18637	8-6	1100	Fri	648 648 648 1 8736 193 8736 193 77125 99685 77078 ... 20137 32570 77031 000 000	USB	(AB/MPJ)
E07	17437	8-6	1120	Fri	648 648 648 1 8736 193 8736 193 77125 99685 77078 ... 20137 32570 77031 000 000	USB	(AB/MPJ)
E07	15837	8-6	1140	Fri	648 648 648 1 8736 193 8736 193 77125 99685 77078 ... 20137 32570 77031 000 000	USB	(AB/MPJ)
E07	9064	9-6	0600	Sat	024 024 024 000	USB	(AB)
E07	10264	9-6	0620	Sat	024 024 024 000	USB	(AB)
E07	9064	10-6	0600	Sun	024 024 024 000	USB	(AB)
E07	10264	10-6	0620	Sun	024 024 024 000	USB	(AB)
E07	14842	10-6	1700	Sun	841 841 841 1 319 137 319 137 01692 28036 84148 ... 12013 22980 66781 000 000	AM	(AB/MPJ)
E07	13442	10-6	1720	Sun	841 841 841 1 319 137 319 137 01692 28036 84148 ... 12013 22980 66781 000 000	AM	(AB/MPJ)
E07	12142	10-6	1740	Sun	841 841 841 1 319 137 319 137 01692 28036 84148 ... 12013 22980 66781 000 000	AM	(AB/MPJ)
E07	16328	11-6	1900	Mon	384 384 384 000	USB	(MPJ)
E07	14828	11-6	1920	Mon	384 384 384 000	USB	(AnEur)
E07	18637	12-6	1100	Tue	648 648 648 000	USB	(AB-RUS/HFD-RUS)
E07	17437	12-6	1120	Tue	648 648 648 000	USB	(AB-RUS/MPJ/HFD-RUS)
E07	14842	13-6	1700	Wed	841 841 841 1 319 137 319 137 01692 28036 84148 ... 12013 22980 66781 000 000	AM	(AB/MPJ)
E07	13442	13-6	1720	Wed	841 841 841 1 319 137 319 137 01692 28036 84148 ... 12013 22980 66781 000 000	AM	(AB/MPJ)
E07	12142	13-6	1740	Wed	841 841 841 1 319 137 319 137 01692 28036 84148 ... 12013 22980 66781 000 000	AM	(AB/MPJ)
E07	16328	13-6	1900	Wed	384 384 384 000	USB	(AB)
E07	14828	13-6	1920	Wed	384 384 384 000	USB	(AB)
E07	12213	14-6	2010	Thu	273 273 273 1 358 51 358 51 59918 83441 69987 ... 04192 57286 37926 000 000	AM	(AB)
E07	10714	14-6	2030	Thu	273 273 273 1 358 51 358 51 59918 83441 69987 ... 04192 57286 37926 000 000	AM	(AB)
E07	9347	14-6	2050	Thu	273 273 273 1 358 51 358 51 59918 83441 69987 ... 04192 57286 37926 000 000	AM	(AB)
E07	18637	15-6	1100	Fri	648 648 648 000	USB	(AB/MPJ)
E07	17437	15-6	1120	Fri	648 648 648 000	USB	(AB/MPJ)
E07	9064	16-6	0600	Sat	024 024 024 000	USB	(AB)
E07	10264	16-6	0620	Sat	024 024 024 000	USB	(AB)
E07	9064	17-6	0600	Sun	024 024 024 000	USB	(AB)

E07	10264	17-6	0620	Sun	024 024 024 000	USB	(AB)
E07	14842	17-6	1700	Sun	841 841 841 000	AM	(AB/MPJ)
E07	13442	17-6	1720	Sun	841 841 841 000	AM	(AB/MPJ)
E07	16328	18-6	1900	Mon	384 384 384 000	USB	(AB/HFD)
E07	14828	18-6	1920	Mon	384 384 384 000	USB	(AB/HFD)
E07	16331	19-6	0700	Tue	373 373 373 1 232 133 232 133 36086 89767 93579 ... 65340 28776 87445 000 000	USB	(qsr711)
E07	18731	19-6	0720	Tue	373 373 373 1 232 133 232 133 36086 89767 93579 ... 65340 28776 87445 000 000	USB	(qsr711)
E07	19331	19-6	0740	Tue	373 373 373 1 232 133 232 133 36086 89767 93579 ... 65340 28776 87445 000 000	USB	(qsr711)
E07	18637	19-6	1100	Tue	648 648 648 1 6660 171 6660 171 68181 00235 60941 ... 68284 80359 83155 000 000	USB	(AB/MPJ)
E07	17437	19-6	1120	Tue	648 648 648 1 6660 171 6660 171 68181 00235 60941 ... 68284 80359 83155 000 000	USB	(AB/MPJ)
E07	15837	19-6	1140	Tue	648 648 648 1 6660 171 6660 171 68181 00235 60941 ... 68284 80359 83155 000 000	USB	(AB/MPJ)
E07	14842	20-6	1700	Wed	841 841 841 1 450 122 450 122 17786 83399 03954 ... 96613 42296 28950 000 000	AM	(AB/MPJ)
E07	13442	20-6	1720	Wed	841 841 841 1 450 122 450 122 17786 83399 03954 ... 96613 42296 28950 000 000	AM	(AB/MPJ)
E07	12142	20-6	1740	Wed	841 841 841 1 450 122 450 122 17786 83399 03954 ... 96613 42296 28950 000 000	AM	(AB/MPJ)
E07	16328	20-6	1900	Wed	384 384 384 000	USB	(AB/MPJ)
E07	14828	20-6	1920	Wed	384 384 384 000	USB	(AB/MPJ)
E07	12213	21-6	2010	Thu	273 273 273 000	AM	(AB)
E07	10714	21-6	2030	Thu	273 273 273 000	AM	(AB)
E07	18637	22-6	1100	Fri	648 648 648 1 6660 171 6660 171 68181 00235 60941 ... 68284 80359 83155 000 000	USB	(AB-RUS/MPJ)
E07	17437	22-6	1120	Fri	648 648 648 1 6660 171 6660 171 68181 00235 60941 ... 68284 80359 83155 000 000	USB	(AB/MPJ)
E07	15837	22-6	1140	Fri	648 648 648 1 6660 171 6660 171 68181 00235 60941 ... 68284 80359 83155 000 000	USB	(AB/MPJ)
E07	9064	23-6	0600	Sat	024 024 024 1 231 68 231 68 97300 65359 01885 ... 75234 23799 03128 000 000	USB	(AB)
E07	10264	23-6	0620	Sat	024 024 024 1 231 68 231 68 97300 65359 01885 ... 75234 23799 03128 000 000	USB	(AB)
E07	11464	23-6	0640	Sat	024 024 024 1 231 68 231 68 97300 65359 01885 ... 75234 23799 03128 000 000	USB	(AB)
E07	9064	24-6	0600	Sun	024 024 024 1 231 68 231 68 97300 65359 01885 ... 75234 23799 03128 000 000	USB	(AB)
E07	10264	24-6	0620	Sun	024 024 024 1 231 68 231 68 97300 65359 01885 ... 75234 23799 03128 000 000	USB	(AB)
E07	11464	24-6	0640	Sun	024 024 024 1 231 68 231 68 97300 65359 01885 ... 75234 23799 03128 000 000	USB	(AB)
E07	14842	24-6	1700	Sun	841 841 841 1 5987 136 5987 136 52488 29445 06724 ... 02146 59460 92273 000 000	AM	(AB/MPJ)
E07	13442	24-6	1720	Sun	841 841 841 1 5987 136 5987 136 52488 29445 06724 ... 02146 59460 92273 000 000	AM	(AB/MPJ)
E07	12142	24-6	1740	Sun	841 841 841 1 5987 136 5987 136 52488 29445 06724 ... 02146 59460 92273 000 000	AM	(AB/MPJ)
E07	16328	25-6	1900	Mon	384 384 384 000	USB	(AB/GHn/MPJ)
E07	14828	25-6	1920	Mon	384 384 384 000	USB	(AB/MPJ)
E07	16331	26-6	0700	Tue	373 373 373 000	USB	(AB)
E07	18731	26-6	0720	Tue	373 373 373 000	USB	(AB)
E07	18637	26-6	1100	Tue	648 648 648 000	USB	(AB/MPJ)
E07	17437	26-6	1120	Tue	648 648 648 000	USB	(AB/MPJ)
E07	14842	27-6	1700	Wed	841 841 841 1 5987 136 5987 136 52488 29445 06724 ... 02146 59460 92273 000 000	AM	(AB/MPJ)
E07	13442	27-6	1720	Wed	841 841 841 1 5987 136 5987 136 52488 29445 06724 ... 02146 59460 92273 000 000	AM	(AB/MPJ)
E07	12142	27-6	1740	Wed	841 841 841 1 5987 136 5987 136 52488 29445 06724 ... 02146 59460 92273 000 000	AM	(AB/MPJ)
E07	16328	27-6	1900	Wed	384 384 384 000	USB	(AB/MPJ)



<b>E07</b>	14828	27-6	1920	Wed	384 384 384 000	USB	(AB/MPJ)
<b>E07</b>	12213	28-6	2010	Thu	273 273 273 1 1446 67 1446 67 30772 03040 68876 ... 22662 98955 95408 000 000	AM	(AB)
<b>E07</b>	10714	28-6	2030	Thu	273 273 273 1 1446 67 1446 67 30772 03040 68876 ... 22662 98955 95408 000 000	AM	(AB)
<b>E07</b>	9347	28-6	2050	Thu	273 273 273 1 1446 67 1446 67 30772 03040 68876 ... 22662 98955 95408 000 000	AM	(AB)
<b>E07</b>	16331	29-6	0700	Fri	373 373 373 000	USB	(AB)
<b>E07</b>	18731	29-6	0720	Fri	373 373 373 000	USB	(AB)
<b>E07</b>	18637	29-6	1100	Fri	648 648 648 000	USB	(AB/MPJ)
<b>E07</b>	17437	29-6	1120	Fri	648 648 648 000	USB	(AB/MPJ)
<b>E07</b>	9064	30-6	0600	Sat	024 024 024 000	USB	(AB)
<b>E07</b>	10264	30-6	0620	Sat	024 024 024 000	USB	(AB)
<b>E07a</b>	12182	1-6	1510	Fri	101 101 101 000	USB	(MPJ/HFD)
<b>E07a</b>	11082	1-6	1530	Fri	101 101 101 000	USB	(MPJ/HFD)
<b>E07a</b>	13373	2-6	0800	Sat	338 338 338 000	USB	(HFD)
<b>E07a</b>	14373	2-6	0820	Sat	338 338 338 000	USB	(HFD)
<b>E07a</b>	12166	6-6	2000	Wed	172 172 172 1 12612 8508 73 8508 73 27897 16254 36093 ... 57828 46105 67386 000 000	USB	(AB)
<b>E07a</b>	10766	6-6	2020	Wed	172 172 172 1 12612 8508 73 8508 73 27897 16254 36093 ... 57828 46105 67386 000 000	USB	(AB)
<b>E07a</b>	9266	6-6	2040	Wed	172 172 172 1 12612 8508 73 8508 73 27897 16254 36093 ... 57828 46105 67386 000 000	USB	(AB)
<b>E07a</b>	9133	7-6	0450	Thu	912 912 912 1 12612 8508 73 8508 73 27897 16254 36093 ... 57828 46105 67386 000 000	USB	(W9SPY)
<b>E07a</b>	12182	8-6	1510	Fri	101 101 101 000	USB	(AB/MPJ)
<b>E07a</b>	11082	8-6	1530	Fri	101 101 101 000	USB	(AB/MPJ)
<b>E07a</b>	13373	9-6	0800	Sat	338 338 338 000	USB	(AB)
<b>E07a</b>	14373	9-6	0820	Sat	338 338 338 000	USB	(AB)
<b>E07a</b>	12166	13-6	2000	Wed	172 172 172 000	USB	(AB)
<b>E07a</b>	10766	13-6	2020	Wed	172 172 172 000	USB	(AB)
<b>E07a</b>	7933	14-6	0430	Thu	912 912 912 000	USB	(AB)
<b>E07a</b>	9133	14-6	0450	Thu	912 912 912 000	USB	(AB)
<b>E07a</b>	12182	15-6	1510	Fri	101 101 101 000	USB	(AB/MPJ)
<b>E07a</b>	11082	15-6	1530	Fri	101 101 101 000	USB	(AB/MPJ)
<b>E07a</b>	13373	16-6	0800	Sat	338 338 338 000	USB	(AB)
<b>E07a</b>	14373	16-6	0820	Sat	338 338 338 000	USB	(AB)
<b>E07a</b>	12166	20-6	2000	Wed	172 172 172 000	USB	(AB)
<b>E07a</b>	10766	20-6	2020	Wed	172 172 172 000	USB	(AB)
<b>E07a</b>	7933	21-6	0430	Thu	912 912 912 000	USB	(AB)
<b>E07a</b>	9133	21-6	0450	Thu	912 912 912 000	USB	(AB)
<b>E07a</b>	12182	22-6	1510	Fri	101 101 101 000	USB	(AB/MPJ)
<b>E07a</b>	11082	22-6	1530	Fri	101 101 101 000	USB	(AB/MPJ)
<b>E07a</b>	13373	23-6	0800	Sat	338 338 338 000	USB	(AB)
<b>E07a</b>	14373	23-6	0820	Sat	338 338 338 000	USB	(AB)
<b>E07a</b>	12166	27-6	2000	Wed	172 172 172 1 69198 230 67 230 67 46756 42029 89891 ... 12436 47907 82425 000 000	USB	(AB)
<b>E07a</b>	10766	27-6	2020	Wed	172 172 172 1 69198 230 67 230 67 46756 42029 89891 ... 12436 47907 82425 000 000	USB	(AB)

<b>E07a</b>	9266	27-6	2040	Wed	172 172 172 1 69198 230 67 230 67 46756 42029 89891 ... 12436 47907 82425 000 000	USB	(AB)
<b>E07a</b>	7933	28-6	0430	Thu	912 912 912 1 69198 230 67 230 67 46756 42029 89891 ... 12436 47907 82425 000 000	USB	(AB/HFD)
<b>E07a</b>	9133	28-6	0450	Thu	912 912 912 1 69198 230 67 230 67 46756 42029 89891 ... 12436 47907 82425 000 000	USB	(AB/HFD)
<b>E07a</b>	10233	28-6	0510	Thu	912 912 912 1 69198 230 67 230 67 46756 42029 89891 ... 12436 47907 82425 000 000	USB	(AB/HFD)
<b>E07a</b>	12182	29-6	1510	Fri	101 101 101 1 64249 382 61 382 61 25202 17486 38777 ... 06094 40965 46127 000 000	USB	(AB/MPJ)
<b>E07a</b>	11082	29-6	1530	Fri	101 101 101 1 64249 382 61 382 61 25202 17486 38777 ... 06094 40965 46127 000 000	USB	(AB/MPJ)
<b>E07a</b>	10182	29-6	1550	Fri	101 101 101 1 64249 382 61 382 61 25202 17486 38777 ... 06094 40965 46127 000 000	USB	(AB/MPJ)
<b>E07a</b>	13373	30-6	0800	Sat	338 338 338 1 64249 382 61 382 61 25202 17486 38777 ... 06094 40965 46127 000 000	USB	(AB)
<b>E07a</b>	14373	30-6	0820	Sat	338 338 338 1 64249 382 61 382 61 25202 17486 38777 ... 06094 40965 46127 000 000	USB	(AB)
<b>E07a</b>	14873	30-6	0840	Sat	338 338 338 1 64249 382 61 382 61 25202 17486 38777 ... 06094 40965 46127 000 000	USB	(AB)
<b>E11</b>	13537	1-6	1225	Fri	524/00	USB	(MPJ)
<b>E11</b>	14940	1-6	1650	Fri	924/00	USB	(MPJ)
<b>E11</b>	11581	2-6	1300	Sat	585/00	USB	(MPJ)
<b>E11</b>	14865	2-6	1705	Sat	390/00	USB	(MPJ)
<b>E11</b>	9130	2-6	2005	Sat	360/00	USB	(AB)
<b>E11</b>	9079	3-6	0805	Sun	310/00	USB	(AB)
<b>E11</b>	4783	3-6	1605	Sun	236/00	USB	(AB/MPJ)
<b>E11</b>	15795	3-6	1625	Sun	975/00	USB	(AB/MPJ)
<b>E11</b>	14940	3-6	1650	Sun	929/00	USB	(AB/MPJ)
<b>E11</b>	14410	3-6	1745	Sun	242/00	USB	(AB/MPJ/HFD)
<b>E11</b>	9130	3-6	2005	Sun	365/00	USB	(AB)
<b>E11</b>	9610	4-6	0745	Mon	260/00	USB	(AB)
<b>E11</b>	8545	4-6	1045	Mon	696/00	USB	(MPJ)
<b>E11</b>	13537	4-6	1225	Mon	522/00	USB	(MPJ)
<b>E11</b>	14410	4-6	1745	Mon	244/00	USB	(AB/MPJ)
<b>E11</b>	7600	4-6	1900	Mon	643/00	USB	(AB)
<b>E11</b>	12397	5-6	1000	Tue	300/00	USB	(MPJ)
<b>E11</b>	6304	5-6	1205	Tue	465/00	USB	(MPJ)
<b>E11</b>	15825	5-6	1345	Tue	914/00	USB	(MPJ)
<b>E11</b>	4783	5-6	1605	Tue	238/00	USB	(AB/MPJ)
<b>E11</b>	14575	5-6	1645	Tue	331/00	USB	(AB/MPJ)
<b>E11</b>	8565	6-6	0318	Wed	257/00	USB	(BW3-GRC)
<b>E11</b>	13427	6-6	0900	Wed	530/00	USB	(RL-G)
<b>E11</b>	8545	6-6	1045	Wed	697/00	USB	(MPJ)
<b>E11</b>	6304	6-6	1205	Wed	462/00	USB	(MPJ)
<b>E11</b>	15795	6-6	1625	Wed	977/00	USB	(MPJ)
<b>E11</b>	7984	6-6	1730	Wed	404/00	USB	(AB/MPJ/RL-G)
<b>E11</b>	11581	7-6	1300	Thu	583/00	USB	(MPJ-HOL)
<b>E11</b>	10356	7-6	1530	Thu	269/00	USB	(MPJ)
<b>E11</b>	14575	7-6	1645	Thu	333/00	USB	(AB/MPJ)

E11	7600	7-6	1900	Thu	647/00	USB	(AB/MPJ)
E11	14940	8-6	1650	Fri	920/00	USB	(AB-G/MPJ)
E11	9610	8-6	1910	Fri	613/00	USB	(AB/MPJ)
E11	6480	9-6	0710	Sat	496/00	USB	(AB)
E11	11581	9-6	1300	Sat	588/00	USB	(AB/MPJ)
E11	15825	9-6	1345	Sat	915/00	USB	(MPJ-I)
E11	7984	9-6	1730	Sat	404/00	USB	(AB)
E11	9130	9-6	2005	Sat	368/00	USB	(AB)
E11	6480	10-6	0710	Sun	497/00	USB	(AB)
E11	4783	10-6	1605	Sun	233/00	USB	(AB/MPJ)
E11	15795	10-6	1625	Sun	974/00	USB	(MPJ)
E11	14940	10-6	1650	Sun	922/00	USB	(AB/MPJ)
E11	9610	10-6	1910	Sun	Started with 17/00 then 617/00	USB	(MPJ/Avare)
E11	9130	10-6	2005	Sun	366/00	USB	(AB)
E11	7469	11-6	0450	Mon	411/00	USB	(AB)
E11	9610	11-6	0745	Mon	266/00	USB	(AB)
E11	13427	11-6	0900	Mon	532/00	USB	(AB)
E11	13537	11-6	1225	Mon	527/00	USB	(AB/MPJ)
E11	14410	11-6	1745	Mon	242/00	USB	(AB/MPJ)
E11	13424	12-6	0645	Tue	512/00	USB	(AB)
E11	10429	12-6	0715	Tue	634/00	USB	(AB)
E11	13911	12-6	0820	Tue	135/00	USB	(AB)
E11	12202	12-6	0845	Tue	159/00	USB	(AB)
E11	6304	12-6	1205	Tue	461/00	USB	(AB/MPJ)
E11	14575	12-6	1645	Tue	333/00	USB	(AB/MPJ)
E11	11581	12-6	1925	Tue	551/00	USB	(AB)
E11	15800	13-6	0640	Wed	940/00	USB	(AB)
E11	13911	13-6	0820	Wed	133/00	USB	(AB)
E11	6304	13-6	1205	Wed	466/00	USB	(AB-POL/MPJ)
E11	15795	13-6	1625	Wed	974/00	USB	(AB/MPJ)
E11	7984	13-6	1730	Wed	403/00	USB	(AB/MPJ)
E11	13424	14-6	0645	Thu	512/00	USB	(AB)
E11	12202	14-6	0845	Thu	151/00	USB	(AB)
E11	11581	14-6	1300	Thu	581/00	USB	(AB/MPJ)
E11	10356	14-6	1530	Thu	260/00	USB	(MPJ/AnEur)
E11	14575	14-6	1645	Thu	331/00	USB	(MPJ)
E11	8088	14-6	1730	Thu	410/00	USB	(AB/MPJ)
E11	11581	14-6	1925	Thu	556/00	USB	(AB)
E11	10429	15-6	0715	Fri	633/00	USB	(AB)
E11	15720	15-6	0745	Fri	340/00	USB	(AB)

E11	12397	15-6	1000	Fri	305/00	USB	(AB)
E11	13537	15-6	1225	Fri	525/00	USB	(AB/MPJ)
E11	9610	15-6	1910	Fri	618/00	USB	(AB)
E11	9079	16-6	0805	Sat	314/00	USB	(AB)
E11	11581	16-6	1300	Sat	580/00	USB	(AB)
E11	14865	16-6	1705	Sat	390/00	USB	(AB/MPJ)
E11	7984	16-6	1730	Sat	408/00	USB	(AB)
E11	9130	16-6	2005	Sat	365/00	USB	(AB)
E11	9079	17-6	0805	Sun	314/00	USB	(AB)
E11	15795	17-6	1625	Sun	975/00	USB	(AB-G/MPJ)
E11	14410	17-6	1745	Sun	249/00	USB	(AB/MPJ)
E11	9610	17-6	1910	Sun	614/00	USB	(MPJ-I)
E11	9130	17-6	2005	Sun	369/00	USB	(AB)
E11	7469	18-6	0450	Mon	412/00	USB	(AB)
E11	15800	18-6	0600	Mon	185/00	USB	(AB)
E11	15800	18-6	0640	Mon	940/00	USB	(AB)
E11	13427	18-6	0900	Mon	536/00	USB	(AB)
E11	8545	18-6	1045	Mon	694/00	USB	(AB)
E11	13537	18-6	1225	Mon	521/00	USB	(AB/MPJ)
E11	14410	18-6	1745	Mon	246/00	USB	(AB/MPJ)
E11	7600	18-6	1900	Mon	646/00	USB	(AB)
E11	13424	19-6	0645	Tue	519/00	USB	(AB)
E11	6849	19-6	0700	Tue	575/00	USB	(AB)
E11	13911	19-6	0820	Tue	135/00	USB	(AB)
E11	12202	19-6	0845	Tue	151/00	USB	(AnEur)
E11	12397	19-6	1000	Tue	300/00	USB	(AB)
E11	6304	19-6	1205	Tue	462/00	USB	(AB/MPJ)
E11	15825	19-6	1345	Tue	915/00	USB	(AB/MPJ)
E11	4783	19-6	1605	Tue	238/00	USB	(MPJ)
E11	14575	19-6	1645	Tue	337/00	USB	(AB/MPJ)
E11	11581	19-6	1925	Tue	557/00	USB	(AB)
E11	15800	20-6	0640	Wed	945/00	USB	(AB)
E11	13911	20-6	0820	Wed	131/00	USB	(AB)
E11	13427	20-6	0900	Wed	534/00	USB	(AB)
E11	6304	20-6	0930	Wed	276/00	USB	(AB)
E11	6304	20-6	1205	Wed	469/00	USB	(AB/MPJ)
E11	14865	20-6	1705	Wed	399/00	USB	(AB/MPJ)
E11	13424	21-6	0645	Thu	514/00	USB	(AB)
E11	12202	21-6	0845	Thu	150/00	USB	(AB)
E11	6304	21-6	0930	Thu	270/00	USB	(AB)

E11	11581	21-6	1300	Thu	583/00	USB	(AB/MPJ)
E11	14575	21-6	1645	Thu	331/00	USB	(AB/MPJ)
E11	8088	21-6	1730	Thu	411/00	USB	(AB/MPJ)
E11	7600	21-6	1900	Thu	643/00	USB	(AB/MPJ)
E11	15800	22-6	0600	Fri	181/00	USB	(AB)
E11	6849	22-6	0700	Fri	574/00	USB	(AB)
E11	12397	22-6	1000	Fri	309/00	USB	(AB/MPJ)
E11	13537	22-6	1225	Fri	525/00	USB	(AB/MPJ)
E11	6480	23-6	0710	Sat	495/00	USB	(AB)
E11	11581	23-6	1300	Sat	585/00	USB	(MPJ)
E11	15825	23-6	1345	Sat	915/00	USB	(AB/MPJ)
E11	14865	23-6	1705	Sat	399/00	USB	(AB/MPJ)
E11	9130	23-6	2005	Sat	367/00	USB	(AB)
E11	6480	24-6	0710	Sun	497/00	USB	(AB)
E11	4783	24-6	1605	Sun	232/00	USB	(MPJ)
E11	14940	24-6	1650	Sun	921/00	USB	(AB/MPJ)
E11	14410	24-6	1745	Sun	242/00	USB	(AB/MPJ)
E11	9130	24-6	2005	Sun	366/00	USB	(AB)
E11	7469	25-6	0450	Mon	415/00	USB	(AB)
E11	15800	25-6	0600	Mon	183/00	USB	(AB)
E11	15800	25-6	0640	Mon	941/00	USB	(AB)
E11	9610	25-6	0745	Mon	269/00	USB	(AB)
E11	5082	25-6	0820	Mon	432/00	USB	(AB)
E11	13537	25-6	1225	Mon	528/00	USB	(AB/MPJ)
E11	14410	25-6	1745	Mon	246/00	USB	(AB/MPJ)
E11	7600	25-6	1900	Mon	646/00	USB	(AB/GHn/MPJ)
E11	13424	26-6	0645	Tue	511/00	USB	(AB)
E11	6849	26-6	0700	Tue	571/00	USB	(AB)
E11	10429	26-6	0715	Tue	639/00	USB	(AB)
E11	13911	26-6	0820	Tue	134/00	USB	(AB)
E11	12397	26-6	1000	Tue	307/00	USB	(AB)
E11	15825	26-6	1345	Tue	912/00	USB	(AB/MPJ)
E11	4783	26-6	1605	Tue	230/00	USB	(AB/MPJ)
E11	15800	27-6	0640	Wed	945/00	USB	(AB)
E11	15720	27-6	0745	Wed	348/00	USB	(AB)
E11	13911	27-6	0820	Wed	135/00	USB	(AB)
E11	6304	27-6	0930	Wed	276/00	USB	(AB)
E11	8545	27-6	1045	Wed	696/00	USB	(AB/MPJ)
E11	15795	27-6	1625	Wed	976/00	USB	(AB-AUT/MPJ)
E11	14865	27-6	1705	Wed	396/00	USB	(AB/MPJ)

E11	7984	27-6	1730	Wed	403/00		USB	(AB/MPJ)
E11	13424	28-6	0645	Thu	514/00		USB	(AB)
E11	5082	28-6	0820	Thu	438/00		USB	(AB)
E11	12202	28-6	0845	Thu	156/00		USB	(AB)
E11	6304	28-6	0930	Thu	273/00		USB	(AB)
E11	10356	28-6	1530	Thu	262/00		USB	(AB/MPJ)
E11	8088	28-6	1730	Thu	410/00		USB	(AB/MPJ)
E11	7600	28-6	1900	Thu	649/00		USB	(AB/MPJ)
E11	6849	29-6	0700	Fri	576/00		USB	(AB)
E11	10429	29-6	0715	Fri	630/00		USB	(AB)
E11	15720	29-6	0745	Fri	344/00		USB	(AB)
E11	12397	29-6	1000	Fri	306/00		USB	(AB/MPJ)
E11	13537	29-6	1225	Fri	522/00		USB	(AB/MPJ)
E11	14940	29-6	1650	Fri	920/00		USB	(MPJ)
E11	9610	29-6	1910	Fri	613/00		USB	(AB/MPJ)
E11	6480	30-6	0710	Sat	497/00		USB	(AB)
E11	9079	30-6	0805	Sat	319/00		USB	(AB)
E11	15825	30-6	1345	Sat	910/00		USB	(AB-AUT/MPJ)
E11	14865	30-6	1705	Sat	392/00		USB	(AB/MPJ)
E11	7984	30-6	1730	Sat	405/00		USB	(AB)
E11	9130	30-6	2005	Sat	360/00		USB	(AB)
E11a	9610	1-6	1910	Fri	610/31 Attention 60751 72695 79485 ... 06664 41044 77762 Attention (message repeated) Out		USB	(AB/MPJ)
E11a	9610	3-6	1910	Sun	610/31 Attention 60751 72695 79485 ... 06664 41044 77762 Attention (message repeated) Out		USB	(AB/MPJ)
E11a	15800	6-6	0640	Wed	945/32 Attention 96530 32021 45001 ... 53468 88133 13685 Attention (message repeated) Out		USB	(AB)
E11a	8088	7-6	1730	Thu	415/38 Attention 75612 95335 96651 ... 65661 80069 29396 Attention (message repeated) Out		USB	(AB/MPJ)
E11a	12397	8-6	1000	Fri	304/27 82143 10723 08647 ... 17442 38251 56176 (message repeated) Out. No "Attention"		USB	(MPJ)
E11a	13537	8-6	1225	Fri	527/31 03730 76334 60794 ... 05045 84188 43946 (message repeated) Out. No "Attention"		USB	(AB/MPJ)
E11a	14865	9-6	1705	Sat	392/39 Attention 67992 32187 94271 ... 81334 15514 67762 (message repeated) Out		USB	(MPJ)
E11a	14410	10-6	1745	Sun	245/31 ...		USB	(AB/MPJ)
E11a	15800	11-6	0600	Mon	Message. Too weak to copy		USB	(AB)
E11a	8545	11-6	1045	Mon	690/20 Attention 90949 17409 59904 ... 32960 38629 31933 Attention (message repeated) Out		USB	(AB)
E11a	7600	11-6	1900	Mon	641/32 02186 41370 86867 ... 99318 59967 18007 (message repeated) Out. No "Attention"		USB	(AB/MPJ)
E11a	6849	12-6	0700	Tue	579/32 Attention 90112 31452 54124 ... 59499 11945 76331 Attention (message repeated) Out		USB	(AB)
E11a	4783	12-6	1605	Tue	233/38 54484 96435 03465 ... 71596 76409 52103 (message repeated) Out. No "Attention"		USB	(AB/F5JBR/MPJ-HOL)
E11a	8545	13-6	1045	Wed	690/20 Attention 90949 17409 59904 ... 32960 38629 31933 Attention (message repeated) Out		USB	(AB)
E11a	7600	14-6	1900	Thu	641/32 02186 41370 86867 ... 99318 59967 18007 (message repeated) Out. No "Attention"		USB	(AB/MPJ)
E11a	15800	15-6	0600	Fri	182/32 Attention 29778 54408 91369 ... 64917 88795 29190 Attention (message repeated) Out		USB	(AB-G)
E11a	6849	15-6	0700	Fri	579/32 Attention 90112 31452 54124 ... 59499 11945 76331 Attention (message repeated) Out		USB	(AB)
E11a	14940	15-6	1650	Fri	921/38 05925 84117 92874 ... 31311 85835 99316 (message repeated) Out. No "Attention"		USB	(AB/MPJ)

E11a	6480	16-6	0710	Sat	491/36 02321 61979 42556 ... 61670 41924 34993 (message repeated) Out. No "Attention"	USB	(AB)
E11a	15825	16-6	1345	Sat	919/37 51641 58487 27147 ... 98093 65680 03409 (message repeated) Out	USB	(AB/MPJ)
E11a	6480	17-6	0710	Sun	491/36 02321 61979 42556 ... 61670 41924 34993 (message repeated) Out. No "Attention"	USB	(AB)
E11a	4783	17-6	1605	Sun	233/38 54484 96435 03465 ... 71596 76409 52103 (message repeated) Out. No "Attention"	USB	(AB/MPJ-HOL)
E11a	14940	17-6	1650	Sun	921/38 05925 84117 92874 ... 31311 85835 99316 (message repeated) Out. No "Attention"	USB	(AB-AUT/MPJ)
E11a	9610	18-6	0745	Mon	262/39 Attention 12609 25339 62919 ... 45502 06553 01085 Attention (message repeated) Out	USB	(AB)
E11a	10429	19-6	0715	Tue	635/39 Attention 52737 85254 08928 ... 78849 56677 54516 Attention (message repeated) Out	USB	(AB)
E11a	15720	20-6	0745	Wed	347/38 24489 03637 70932 ... 30353 42551 27854 (message repeated) Out. No "Attention"	USB	(AB)
E11a	8545	20-6	1045	Wed	695/49 Attention 56264 87092 79882 ... 84716 82882 94058 Attention (message repeated) Out	USB	(AB)
E11a	15795	20-6	1625	Wed	978/34 52965 16187 71396 ... 54928 49984 08532 (message repeated) Out. No "Attention"	USB	(AB/MPJ/skx)
E11a	7984	20-6	1730	Wed	402/37 14551 46692 47254 ... 90444 18641 95962 (message repeated) Out. No "Attention"	USB	(AB/MPJ)
E11a	10356	21-6	1530	Thu	262/39 Attention 12609 25339 62919 ... 45502 06553 01085 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	10429	22-6	0715	Fri	635/39 Attention 52737 85254 08928 ... 78849 56677 54516 Attention (message repeated) Out	USB	(AB)
E11a	15720	22-6	0745	Fri	347/38 24489 03637 70932 ... 30353 42551 27854 (message repeated) Out. No "Attention"	USB	(AB)
E11a	9610	22-6	1910	Fri	614/37 26287 38015 72168 ... 73220 25179 00619 (message repeated) Out. No "Attention"	USB	(AB/MPJ)
E11a	9079	23-6	0805	Sat	319/35 03978 88920 41875 ... 63036 24463 23844 (message repeated) Out. No "Attention"	USB	(AB)
E11a	7984	23-6	1730	Sat	402/37 14551 46692 47254 ... 90444 18641 95962 (message repeated) Out. No "Attention"	USB	(AB)
E11a	9079	24-6	0805	Sun	319/35 03978 88920 41875 ... 63036 24463 23844 (message repeated) Out. No "Attention"	USB	(AB)
E11a	15795	24-6	1625	Sun	978/34 52965 16187 71396 ... 54928 49984 08532 (message repeated) Out. No "Attention"	USB	(AB/MPJ)
E11a	9610	24-6	1910	Sun	614/37 26287 38015 72168 ... 73220 25179 00619 (message repeated) Out. No "Attention"	USB	(AB/MPJ)
E11a	13427	25-6	0900	Mon	536/40 Attention 71364 33599 25739 ... 07558 06338 06306 Attention (message repeated) Out	USB	(AB)
E11a	8545	25-6	1045	Mon	699/49 Attention 56264 87092 79882 ... 84716 82882 94058 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	6304	26-6	1205	Tue	466/33 Attention 81669 29149 81152 ... 53526 12107 95511 Attention (message repeated) Out	USB	(AB-AUT/MPJ)
E11a	14575	26-6	1645	Tue	334/31 27824 32188 25043 ... 67710 46657 72513 (message repeated) Out. No "Attention"	USB	(AB/MPJ)
E11a	11581	26-6	1925	Tue	551/39 97613 64113 79864 ... 45625 34602 99618 (message repeated) Out. No "Attention"	USB	(AB)
E11a	13427	27-6	0900	Wed	536/40 Attention 71364 33599 25739 ... 07558 06338 06306 Attention (message repeated) Out	USB	(AB)
E11a	6304	27-6	1205	Wed	466/33 Attention 81669 29149 81152 ... 53526 12107 95511 Attention (message repeated) Out	USB	(AB-AUT/MPJ)
E11a	8565	28-6	0315	Thu	251/32 22720	USB	(HFD)
E11a	14575	28-6	1645	Thu	334/31 27824 32188 25043 ... 67710 46657 72513 (message repeated) Out. No "Attention"	USB	(AB/MPJ)
E11a	11581	28-6	1925	Thu	585/36 58580 22859 67898 ... 08771 85739 11976 (message repeated) Out. No "Attention"	USB	(AB/MPJ)
E11a	11581	30-6	1300	Sat	585/36 58580 22859 67898 ... 08771 85739 11976 (message repeated) Out. No "Attention"	USB	(AB/MPJ)
E17z	16780	21-6	0800	Thu	674 891 5 30309 39342 35474 35494 30766 891 5 00000	USB	(AB)
E17z	12850	21-6	0810	Thu	674 891 5 30309 39342 35474 35494 30766 891 5 00000	USB	(AB)
E17z	16780	28-6	0800	Thu	674 891 5 30309 39342 35474 35494 30766 891 5 00000	USB	(AB)
E17z	12850	28-6	0810	Thu	674 891 5 30309 39342 35474 35494 30766 891 5 00000	USB	(AB)
EGY	16223.7	1-6	1925	Fri	Egyptian diplo i.p.	SITOR-A 100/170	(AB)
EGY	14621.7	5-6	1527	Tue	Egyptian diplo i.p.	SITOR-A 100/170	(MPJ)
EGY	14621.7	6-6	1750	Wed	SSBT: MFA Cairo clg RCVB: Egyptian embassy Washington	SITOR-A 100/170	(AB)
EGY	16021.7	10-6	1157	Sun	99905: MFA Cairo clg 44406: Egyptian embassy New Delhi	Codan chirp	(DK9OK)
F01	14621	6-6	1840	Wed	Russian diplo/intel. )576 100000+++++++162	FSK 200/500	(AB/MPJ)



<b>F01</b>	12206	6-6	1850	Wed	Russian diplo/intel. )576 100000+++++++162	FSK 200/500	(AB/MPJ)
<b>F01</b>	10465	6-6	1900	Wed	Russian diplo/intel. )576 100000+++++++162	FSK 200/500	(AB/MPJ)
<b>F03a</b>	6304	4-6	1830	Mon	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	6304	4-6	1835	Mon	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	5-6	1800	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	5-6	1805	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	7-6	1800	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	7-6	1805	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	6304	7-6	1830	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	6304	7-6	1835	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	8423	11-6	1030	Mon	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	8423	11-6	1035	Mon	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	6304	11-6	1830	Mon	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	6304	11-6	1835	Mon	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	12-6	0835	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	12-6	0840	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	11531	12-6	0945	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	11531	12-6	0950	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	12-6	1800	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	12-6	1805	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	8423	13-6	1030	Wed	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	8423	13-6	1035	Wed	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	14-6	0835	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	14-6	0840	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	14-6	1800	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	14-6	1805	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	6304	14-6	1830	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	6304	14-6	1835	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	11531	15-6	0945	Fri	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	11531	15-6	0950	Fri	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	8423	18-6	1030	Mon	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	8423	18-6	1035	Mon	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	6304	18-6	1830	Mon	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	6304	18-6	1835	Mon	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	19-6	0835	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	19-6	0840	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	11531	19-6	0945	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	11531	19-6	0950	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	19-6	1800	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	19-6	1805	Tue	Polish Intel.	FSK 100/200	(AB)



<b>F03a</b>	8423	20-6	1030	Wed	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	8423	20-6	1035	Wed	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	21-6	0835	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	21-6	0840	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	21-6	1800	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	21-6	1805	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	6304	21-6	1830	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	6304	21-6	1835	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	11531	22-6	0945	Fri	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	11531	22-6	0950	Fri	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	8423	25-6	1030	Mon	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	8423	25-6	1035	Mon	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	6304	25-6	1830	Mon	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	6304	25-6	1835	Mon	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	11531	26-6	0945	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	11531	26-6	0950	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	26-6	1800	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	26-6	1805	Tue	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	8423	27-6	1030	Wed	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	8423	27-6	1035	Wed	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	28-6	0835	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	28-6	0840	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	28-6	1800	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	12385	28-6	1805	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	6304	28-6	1830	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	6304	28-6	1835	Thu	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	11531	29-6	0945	Fri	Polish Intel.	FSK 100/200	(AB)
<b>F03a</b>	11531	29-6	0950	Fri	Polish Intel.	FSK 100/200	(AB)
<b>F03b</b>	12424	12-6	0808	Tue	Polish Intel.	FSK 200/400	(AB)
<b>F03b</b>	12424	12-6	0813	Tue	Polish Intel.	FSK 200/400	(AB)
<b>F03b</b>	7670	14-6	0915	Thu	Polish Intel.	FSK 200/400	(AB)
<b>F03b</b>	7670	14-6	0920	Thu	Polish Intel.	FSK 200/400	(AB)
<b>F03b</b>	12424	15-6	0843	Fri	Polish Intel.	FSK 200/400	(AB)
<b>F03b</b>	12424	15-6	0848	Fri	Polish Intel.	FSK 200/400	(AB)
<b>F03b</b>	12424	19-6	0808	Tue	Polish Intel.	FSK 200/400	(AB)
<b>F03b</b>	12424	19-6	0813	Tue	Polish Intel.	FSK 200/400	(AB)
<b>F03b</b>	7670	20-6	0915	Wed	Polish Intel.	FSK 200/400	(AB)
<b>F03b</b>	7670	20-6	0920	Wed	Polish Intel.	FSK 200/400	(AB)
<b>F03b</b>	7670	21-6	0915	Thu	Polish Intel.	FSK 200/400	(AB)
<b>F03b</b>	7670	21-6	0920	Thu	Polish Intel.	FSK 200/400	(AB)

F03b	12424	22-6	0843	Fri	Polish Intel.	FSK 200/400	(AB)
F03b	12424	22-6	0848	Fri	Polish Intel.	FSK 200/400	(AB)
F03b	7670	27-6	0915	Wed	Polish Intel.	FSK 200/400	(AB)
F03b	7670	27-6	0920	Wed	Polish Intel.	FSK 200/400	(AB)
F03b	7670	28-6	0915	Thu	Polish Intel.	FSK 200/400	(AB)
F03b	7670	28-6	0920	Thu	Polish Intel.	FSK 200/400	(AB)
F03b	12424	29-6	0843	Fri	Polish Intel.	FSK 200/400	(AB)
F03b	12424	29-6	0848	Fri	Polish Intel.	FSK 200/400	(AB)
F03c	10210	18-6	0940	Mon	Polish Intel.	FSK 400/960	(AB)
F03c	10210	18-6	0945	Mon	Polish Intel.	FSK 400/960	(AB)
F03c	10210	25-6	0940	Mon	Polish Intel.	FSK 400/960	(AB)
F03c	10210	25-6	0945	Mon	Polish Intel.	FSK 400/960	(AB)
F06	13366	2-6	1050	Sat	Russian diplo/intel. Test: 4646464646464 4646464646464	FSK 100/2000	(Danix)
F06	13366	2-6	1100	Sat	Russian diplo/intel. Header: 11166 50046 38124 01041 00749 New triple timestamp key.	FSK 100/2000	(Danix)
F06	11438	2-6	1110	Sat	Russian diplo/intel. Header: 11166 50046 38124 01041 00749 New triple timestamp key.	FSK 100/2000	(Danix)
F06	9308	2-6	1120	Sat	Russian diplo/intel. Header: 11166 50046 38124 01041 00749 New triple timestamp key.	FSK 100/2000	(Danix)
F06	18323	2-6	2100	Sat	Russian diplo/intel. 11166 40133 56248 02001 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	15886	2-6	2110	Sat	Russian diplo/intel. 11166 40133 56248 02001 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	13581	2-6	2120	Sat	Russian diplo/intel. 11166 40133 56248 02001 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	13366	3-6	1100	Sun	Russian diplo/intel. Header: 11166 50046 38124 01041 00749	FSK 100/2000	(MPJ)
F06	11438	3-6	1110	Sun	Russian diplo/intel. Header: 11166 50046 38124 01041 00749	FSK 100/2000	(MPJ)
F06	9308	3-6	1120	Sun	Russian diplo/intel. Header: 11166 50046 38124 01041 00749	FSK 100/2000	(MPJ)
F06	19838	3-6	1530	Sun	Russian diplo/intel. 11166 10053 25678 03064 00049 00000 00000 00000 00000	FSK 100/2000	(AB-RUS/MPJ-RUS)
F06	16238	3-6	1540	Sun	Russian diplo/intel. 11166 10053 25678 03064 00049 00000 00000 00000 00000	FSK 100/2000	(AB-RUS/MPJ-RUS)
F06	13546	3-6	1550	Sun	Russian diplo/intel. 11166 10053 25678 03064 00049 00000 00000 00000 00000	FSK 100/2000	(AB/MPJ-RUS)
F06	16266	5-6	1500	Tue	Russian diplo/intel. 11166 00052 74561 05009 00049 00000 00000 0000 0000	FSK 100/2000	(MPJ)
F06	14453	5-6	1510	Tue	Russian diplo/intel. 11166 00052 74561 05009 00049 00000 00000 0000 0000	FSK 100/2000	(MPJ)
F06	12075	5-6	1520	Tue	Russian diplo/intel. 11166 00052 74561 05009 00049 00000 00000 0000 0000	FSK 100/2000	(MPJ)
F06	19936	5-6	1650	Tue	Russian diplo/intel. 11166 10053 26843 05068 00049 00000 00000 00000 00000	FSK 100/2000	(AB/MPJ)
F06	16354	5-6	1700	Tue	Russian diplo/intel. 11166 10053 26843 05068 00049 00000 00000 00000 00000	FSK 100/2000	(AB/MPJ)
F06	13955	5-6	1710	Tue	Russian diplo/intel. 11166 10053 26843 05068 00049 00000 00000 00000 00000	FSK 100/2000	(AB/MPJ)
F06	17512	6-6	0600	Wed	Russian diplo/intel. Message	FSK 100/2000	(AB-CHN)
F06	15930	7-6	0610	Thu	Russian diplo/intel. Message	FSK 100/2000	(AB-NZL)
F06	13503	7-6	0620	Thu	Russian diplo/intel. Message	FSK 100/2000	(AB-NZL)
F06	14565	7-6	1330	Thu	Russian diplo/intel. 11166 80214 70314 07054 00049 00000 00000	FSK 200/1000	(MPJ)
F06	12169	7-6	1340	Thu	Russian diplo/intel. 11166 80214 70314 07054 00049 00000 00000	FSK 200/1000	(MPJ)
F06	9981	7-6	1350	Thu	Russian diplo/intel. 11166 80214 70314 07054 00049 00000 00000	FSK 200/1000	(MPJ)
F06	12054	9-6	0800	Sat	Russian diplo/intel. Header: 11166 70147 42590 08083 00609	FSK 200/1000	(AB)

F06	10158	9-6	0810	Sat	Russian diplo/intel. Header: 11166 70147 42590 08083 00609	FSK 200/1000	(AB)
F06	8144	9-6	0820	Sat	Russian diplo/intel. Header: 11166 70147 42590 08083 00609	FSK 200/1000	(AB)
F06	16314	9-6	0850	Sat	Russian diplo/intel. Test: 4646464646464646 4646464646464646	FSK 200/1000	(AB)
F06	16314	9-6	0900	Sat	Russian diplo/intel. Header: 11166 70004 36207 08008 01589	FSK 200/1000	(AB)
F06	14569	9-6	0910	Sat	Russian diplo/intel. Header: 11166 70004 36207 08008 01589	FSK 200/1000	(AB)
F06	12191	9-6	0920	Sat	Russian diplo/intel. Header: 11166 70004 36207 08008 01589	FSK 200/1000	(AB)
F06	13366	9-6	1050	Sat	Russian diplo/intel. Test: 4646464646464646 4646464646464646	FSK 200/1000	(AB)
F06	13366	9-6	1100	Sat	Russian diplo/intel. Header: 11166 50046 21765 08042 00569	FSK 200/1000	(AB/MPJ)
F06	11438	9-6	1110	Sat	Russian diplo/intel. Header: 11166 50046 21765 08042 00569	FSK 200/1000	(AB/MPJ)
F06	9308	9-6	1120	Sat	Russian diplo/intel. Header: 11166 50046 21765 08042 00569	FSK 200/1000	(AB/MPJ)
F06	18323	9-6	2100	Sat	Russian diplo/intel. 11166 40133 15987 09038 00049 00000 00000 00000	FSK 100/2000	(AB)
F06	15886	9-6	2110	Sat	Russian diplo/intel. 11166 40133 15987 09038 00049 00000 00000 00000	FSK 100/2000	(AB)
F06	13581	9-6	2120	Sat	Russian diplo/intel. 11166 40133 15987 09038 00049 00000 00000 00000	FSK 100/2000	(AB)
F06	12054	10-6	0800	Sun	Russian diplo/intel. Header: 11166 70147 42590 08083 00609	FSK 200/1000	(AB)
F06	10158	10-6	0810	Sun	Russian diplo/intel. Header: 11166 70147 42590 08083 00609	FSK 200/1000	(AB)
F06	8144	10-6	0820	Sun	Russian diplo/intel. Header: 11166 70147 42590 08083 00609	FSK 200/1000	(AB)
F06	16314	10-6	0900	Sun	Russian diplo/intel. Header: 11166 70004 36207 08008 01589	FSK 200/1000	(AB)
F06	14569	10-6	0910	Sun	Russian diplo/intel. Header: 11166 70004 36207 08008 01589	FSK 200/1000	(AB)
F06	12191	10-6	0920	Sun	Russian diplo/intel. Header: 11166 70004 36207 08008 01589	FSK 200/1000	(AB)
F06	13366	10-6	1100	Sun	Russian diplo/intel. Header: 11166 50046 21765 08042 00569	FSK 200/1000	(AB/MPJ-RUS)
F06	11438	10-6	1110	Sun	Russian diplo/intel. Header: 11166 50046 21765 08042 00569	FSK 200/1000	(AB/MPJ-RUS)
F06	9308	10-6	1120	Sun	Russian diplo/intel. Header: 11166 50046 21765 08042 00569	FSK 200/1000	(AB/MPJ-RUS)
F06	19838	10-6	1530	Sun	Russian diplo/intel. 11166 10053 74596 10012 00049 00000 00000 00000	FSK 100/2000	(AB-RUS/MPJ-RUS)
F06	16238	10-6	1540	Sun	Russian diplo/intel. 11166 10053 74596 10012 00049 00000 00000 00000	FSK 100/2000	(AB-RUS/MPJ-RUS)
F06	13546	10-6	1550	Sun	Russian diplo/intel. 11166 10053 74596 10012 00049 00000 00000 00000	FSK 100/2000	(AB/MPJ-RUS)
F06	12149	12-6	0030	Tue	Russian diplo/intel. 11166 60070 32687 12074 00049 00000 00000 00000	FSK 100/2000	(AB)
F06	10237	12-6	0040	Tue	Russian diplo/intel. 11166 60070 32687 12074 00049 00000 00000 00000	FSK 100/2000	(AB)
F06	8193	12-6	0050	Tue	Russian diplo/intel. 11166 60070 32687 12074 00049 00000 00000 00000	FSK 100/2000	(AB)
F06	16266	12-6	1500	Tue	Russian diplo/intel. 11166 00052 23674 12056 00049 00000 00000 00000	FSK 100/2000	(AB)
F06	14453	12-6	1510	Tue	Russian diplo/intel. 11166 00052 23674 12056 00049 00000 00000 00000	FSK 100/2000	(AB/MPJ)
F06	12075	12-6	1520	Tue	Russian diplo/intel. 11166 00052 23674 12056 00049 00000 00000 00000	FSK 100/2000	(AB/MPJ)
F06	19936	12-6	1650	Tue	Russian diplo/intel. 11166 10053 15987 12068 00049 00000 00000 00000	FSK 100/2000	(AB/MPJ-RUS)
F06	16354	12-6	1700	Tue	Russian diplo/intel. 11166 10053 15987 12068 00049 00000 00000 00000	FSK 100/2000	(AB/MPJ-RUS)
F06	13955	12-6	1710	Tue	Russian diplo/intel. 11166 10053 15987 12068 00049 00000 00000 00000	FSK 100/2000	(AB/MPJ-RUS)
F06	14368	13-6	0800	Wed	Russian diplo/intel. 11166 70048 92158 13057 00049 00000 00000 00000	FSK 100/2000	(AB)
F06	16330	13-6	0800	Wed	Russian diplo/intel. Header: 11166 00052 84271 08029 01609	FSK 100/2000	(AB)
F06	12206	13-6	0810	Wed	Russian diplo/intel. 11166 70048 92158 13057 00049 00000 00000 00000	FSK 100/2000	(AB)
F06	14367	13-6	0810	Wed	Russian diplo/intel. Header: 11166 00052 84271 08029 01609	FSK 100/2000	(AB)

F06	10309	13-6	0820	Wed	Russian diplo/intel. 11166 70048 92158 13057 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	12141	13-6	0820	Wed	Russian diplo/intel. Header: 11166 00052 84271 08029 01609	FSK 100/2000	(AB)
F06	15629	13-6	0915	Wed	Russian diplo/intel. 11166 10031 79513 13012 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	13376	13-6	0925	Wed	Russian diplo/intel. 11166 10031 79513 13012 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	11544	13-6	0935	Wed	Russian diplo/intel. 11166 10031 79513 13012 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	14565	14-6	1330	Thu	Russian diplo/intel. 11166 80214 15698 14036 00049 00000 00000 00000 00000 Wrong shift	FSK 200/200	(AB/MPJ)
F06	12169	14-6	1340	Thu	Russian diplo/intel. 11166 80214 15698 14036 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9981	14-6	1350	Thu	Russian diplo/intel. 11166 80214 15698 14036 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13366	16-6	1050	Sat	Russian diplo/intel. Test: 4646464646464646 4646464646464646	FSK 200/1000	(AB)
F06	13366	16-6	1100	Sat	Russian diplo/intel. Header: 11166 50046 48753 15043 00609	FSK 200/1000	(AB/MPJ)
F06	11438	16-6	1110	Sat	Russian diplo/intel. Header: 11166 50046 48753 15043 00609	FSK 200/1000	(AB/MPJ)
F06	9308	16-6	1120	Sat	Russian diplo/intel. Header: 11166 50046 48753 15043 00609	FSK 200/1000	(AB/MPJ)
F06	18323	16-6	2100	Sat	Russian diplo/intel. 11166 40133 13579 16001 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	15886	16-6	2110	Sat	Russian diplo/intel. 11166 40133 13579 16001 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	13581	16-6	2120	Sat	Russian diplo/intel. 11166 40133 13579 16001 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	13366	17-6	1100	Sun	Russian diplo/intel. Header: 11166 50046 48753 15043 00609	FSK 200/1000	(AB/MPJ)
F06	11438	17-6	1110	Sun	Russian diplo/intel. Header: 11166 50046 48753 15043 00609	FSK 200/1000	(AB/MPJ)
F06	9308	17-6	1120	Sun	Russian diplo/intel. Header: 11166 50046 48753 15043 00609	FSK 200/1000	(AB/MPJ)
F06	19838	17-6	1520	Sun	Russian diplo/intel. Test: 4646464646464646 4646464646464646	FSK 200/1000	(AB-RUS)
F06	19838	17-6	1530	Sun	Russian diplo/intel. 11166 10053 16792 17064 00049 00000 00000 00000 00000	FSK 100/2000	(AB-RUS/MPJ-RUS)
F06	16238	17-6	1540	Sun	Russian diplo/intel. 11166 10053 16792 17064 00049 00000 00000 00000 00000	FSK 100/2000	(AB-RUS/MPJ-RUS)
F06	13546	17-6	1550	Sun	Russian diplo/intel. 11166 10053 16792 17064 00049 00000 00000 00000 00000	FSK 100/2000	(AB/MPJ-RUS)
F06	12064	18-6	0400	Mon	Russian diplo/intel. 11166 70059 13765 18020 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	10926	18-6	0410	Mon	Russian diplo/intel. 11166 70059 13765 18020 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	9049	18-6	0420	Mon	Russian diplo/intel. 11166 70059 13765 18020 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	12149	19-6	0030	Tue	Russian diplo/intel. 11166 60070 36987 19001 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	10237	19-6	0040	Tue	Russian diplo/intel. 11166 60070 36987 19001 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	8193	19-6	0050	Tue	Russian diplo/intel. 11166 60070 36987 19001 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	16266	19-6	1500	Tue	Russian diplo/intel. 11166 00052 12345 19019 00049 00000 00000 00000 00000	FSK 100/2000	(AB/MPJ-HOL)
F06	14453	19-6	1510	Tue	Russian diplo/intel. 11166 00052 12345 19019 00049 00000 00000 00000 00000	FSK 100/2000	(AB/MPJ-HOL)
F06	12075	19-6	1520	Tue	Russian diplo/intel. 11166 00052 12345 19019 00049 00000 00000 00000 00000	FSK 100/2000	(AB/MPJ-HOL)
F06	19936	19-6	1650	Tue	Russian diplo/intel. 11166 10053 79513 19012 00049 00000 00000 00000 00000	FSK 100/2000	(AB/MPJ)
F06	16354	19-6	1700	Tue	Russian diplo/intel. 11166 10053 79513 19012 00049 00000 00000 00000 00000	FSK 100/2000	(AB/MPJ)
F06	13955	19-6	1710	Tue	Russian diplo/intel. 11166 10053 79513 19012 00049 00000 00000 00000 00000	FSK 100/2000	(AB/MPJ)
F06	14368	20-6	0800	Wed	Russian diplo/intel. 11166 70048 58473 20041 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	12206	20-6	0810	Wed	Russian diplo/intel. 11166 70048 58473 20041 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	10309	20-6	0820	Wed	Russian diplo/intel. 11166 70048 58473 20041 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	14565	21-6	1330	Thu	Russian diplo/intel. 11166 80214 15798 21056 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)

F06	12169	21-6	1340	Thu	Russian diplo/intel. 11166 80214 15798 21056 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9981	21-6	1350	Thu	Russian diplo/intel. 11166 80214 15798 21056 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12054	23-6	0750	Sat	Russian diplo/intel. Test: 4646464646464646 4646464646464646	FSK 200/1000	(AB)
F06	12054	23-6	0800	Sat	Russian diplo/intel. Header: 11166 70147 75189 22084 01789	FSK 200/1000	(AB)
F06	10158	23-6	0810	Sat	Russian diplo/intel. Header: 11166 70147 75189 22084 01789	FSK 200/1000	(AB)
F06	8144	23-6	0820	Sat	Russian diplo/intel. Header: 11166 70147 75189 22084 01789	FSK 200/1000	(AB)
F06	16314	23-6	0900	Sat	Russian diplo/intel. Header: 11166 70004 36207 08008 01589	FSK 200/1000	(AB)
F06	14569	23-6	0910	Sat	Russian diplo/intel. Header: 11166 70004 36207 08008 01589	FSK 200/1000	(AB)
F06	12191	23-6	0920	Sat	Russian diplo/intel. Header: 11166 70004 36207 08008 01589	FSK 200/1000	(AB)
F06	13366	23-6	1100	Sat	Russian diplo/intel. Header: 11166 50046 34518 22044 01789	FSK 200/1000	(AB/MPJ)
F06	11438	23-6	1110	Sat	Russian diplo/intel. Header: 11166 50046 34518 22044 01789	FSK 200/1000	(AB/MPJ)
F06	9308	23-6	1120	Sat	Russian diplo/intel. Header: 11166 50046 34518 22044 01789	FSK 200/1000	(AB/MPJ)
F06	18323	23-6	2100	Sat	Russian diplo/intel. 11166 40133 52369 23001 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	15886	23-6	2110	Sat	Russian diplo/intel. 11166 40133 52369 23001 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	13581	23-6	2120	Sat	Russian diplo/intel. 11166 40133 52369 23001 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	12054	24-6	0800	Sun	Russian diplo/intel. Header: 11166 70147 75189 22084 01789	FSK 200/1000	(AB)
F06	10158	24-6	0810	Sun	Russian diplo/intel. Header: 11166 70147 75189 22084 01789	FSK 200/1000	(AB)
F06	8144	24-6	0820	Sun	Russian diplo/intel. Header: 11166 70147 75189 22084 01789	FSK 200/1000	(AB)
F06	16314	24-6	0900	Sun	Russian diplo/intel. Header: 11166 70004 36207 08008 01589	FSK 200/1000	(AB)
F06	14569	24-6	0910	Sun	Russian diplo/intel. Header: 11166 70004 36207 08008 01589	FSK 200/1000	(AB)
F06	12191	24-6	0920	Sun	Russian diplo/intel. Header: 11166 70004 36207 08008 01589	FSK 200/1000	(AB)
F06	13366	24-6	1100	Sun	Russian diplo/intel. Header: 11166 50046 34518 22044 01789	FSK 200/1000	(AB/MPJ)
F06	11438	24-6	1110	Sun	Russian diplo/intel. Header: 11166 50046 34518 22044 01789	FSK 200/1000	(AB/MPJ)
F06	9308	24-6	1120	Sun	Russian diplo/intel. Header: 11166 50046 34518 22044 01789	FSK 200/1000	(AB/MPJ)
F06	19838	24-6	1530	Sun	Russian diplo/intel. 11166 10053 15987 24064 00049 00000 00000 00000 00000	FSK 100/2000	(AB/MPJ)
F06	16238	24-6	1540	Sun	Russian diplo/intel. 11166 10053 15987 24064 00049 00000 00000 00000 00000	FSK 100/2000	(AB/MPJ)
F06	13546	24-6	1550	Sun	Russian diplo/intel. 11166 10053 15987 24064 00049 00000 00000 00000 00000	FSK 100/2000	(AB/MPJ)
F06	16266	26-6	1500	Tue	Russian diplo/intel. 11166 00052 23674 26062 00049 00000 00000 00000 00000	FSK 100/2000	(AB/MPJ)
F06	14453	26-6	1510	Tue	Russian diplo/intel. 11166 00052 23674 26062 00049 00000 00000 00000 00000	FSK 100/2000	(AB/MPJ)
F06	12075	26-6	1520	Tue	Russian diplo/intel. 11166 00052 23674 26062 00049 00000 00000 00000 00000	FSK 100/2000	(AB/MPJ)
F06	19936	26-6	1650	Tue	Russian diplo/intel. 11166 10053 21368 26068 00049 00000 00000 00000 00000	FSK 100/2000	(AB/MPJ)
F06	16354	26-6	1700	Tue	Russian diplo/intel. 11166 10053 21368 26068 00049 00000 00000 00000 00000	FSK 100/2000	(AB/MPJ)
F06	13955	26-6	1710	Tue	Russian diplo/intel. 11166 10053 21368 26068 00049 00000 00000 00000 00000	FSK 100/2000	(AB/MPJ)
F06	14368	27-6	0800	Wed	Russian diplo/intel. 11166 70048 09841 27042 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	16330	27-6	0800	Wed	Russian diplo/intel. Header: 11166 00052 84271 08029 01609	FSK 100/2000	(AB)
F06	12206	27-6	0810	Wed	Russian diplo/intel. 11166 70048 09841 27042 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	14367	27-6	0810	Wed	Russian diplo/intel. Header: 11166 00052 84271 08029 01609	FSK 100/2000	(AB)
F06	10309	27-6	0820	Wed	Russian diplo/intel. 11166 70048 09841 27042 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	12141	27-6	0820	Wed	Russian diplo/intel. Header: 11166 00052 84271 08029 01609	FSK 100/2000	(AB)
F06	15629	27-6	0915	Wed	Russian diplo/intel. 11166 10031 15987 27026 00049 00000 00000 00000 00000	FSK 100/2000	(AB)



F06	13376	27-6	0925	Wed	Russian diplo/intel. 11166 10031 15987 27026 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	11544	27-6	0935	Wed	Russian diplo/intel. 11166 10031 15987 27026 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	16330	28-6	0800	Thu	Russian diplo/intel. Header: 11166 00052 84271 08029 01609	FSK 100/2000	(AB)
F06	14367	28-6	0810	Thu	Russian diplo/intel. Header: 11166 00052 84271 08029 01609	FSK 100/2000	(AB)
F06	12141	28-6	0820	Thu	Russian diplo/intel. Header: 11166 00052 84271 08029 01609	FSK 100/2000	(AB)
F06	14565	28-6	1330	Thu	Russian diplo/intel. 11166 80214 53217 28045 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12169	28-6	1340	Thu	Russian diplo/intel. 11166 80214 53217 28045 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9981	28-6	1350	Thu	Russian diplo/intel. 11166 80214 53217 28045 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	18323	30-6	2100	Sat	Russian diplo/intel. 11166 40133 15987 30038 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	15886	30-6	2110	Sat	Russian diplo/intel. 11166 40133 15987 30038 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F06	13581	30-6	2120	Sat	Russian diplo/intel. 11166 40133 15987 30038 00049 00000 00000 00000 00000	FSK 100/2000	(AB)
F11	6280	5-6	1150	Tue	Null message	FSK 100/620	(MPJ)
F11	6280	5-6	1155	Tue	Null message	FSK 100/620	(MPJ)
F11	13424	11-6	0845	Mon	0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB)
F11	13424	11-6	0850	Mon	0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB)
F11	6280	12-6	1150	Tue	0325 0325 0325 0325 0325 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB/MPJ)
F11	6280	12-6	1155	Tue	0325 0325 0325 0325 0325 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB/MPJ)
F11	13424	13-6	0845	Wed	0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB)
F11	13424	13-6	0850	Wed	0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB)
F11	13424	18-6	0845	Mon	0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB)
F11	13424	18-6	0850	Mon	0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB)
F11	6280	19-6	1150	Tue	0325 0325 0325 0325 0325 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(MPJ)
F11	6280	19-6	1155	Tue	0325 0325 0325 0325 0325 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(MPJ)
F11	13424	20-6	0845	Wed	0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB)
F11	13424	20-6	0850	Wed	0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB)
F11	6280	20-6	1150	Wed	0325 0325 0325 0325 0325 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB/MPJ)
F11	6280	20-6	1155	Wed	0325 0325 0325 0325 0325 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB/MPJ)
F11	13424	25-6	0845	Mon	0353 88888 88888 71364 33599 25739 ... 07558 06338 06306 88888 88888 00044 00044	FSK 100/620	(AB)
F11	13424	25-6	0850	Mon	0353 88888 88888 71364 33599 25739 ... 07558 06338 06306 88888 88888 00044 00044	FSK 100/620	(AB)
F11	6280	26-6	1150	Tue	0325 88888 88888 81669 29149 81152 ... 53526 12107 95511 88888 88888 00037 00037	FSK 100/620	(AB-AUT/MPJ)
F11	6280	26-6	1155	Tue	0325 88888 88888 81669 29149 81152 ... 53526 12107 95511 88888 88888 00037 00037	FSK 100/620	(AB-AUT/MPJ)
F11	13424	27-6	0845	Wed	0353 88888 88888 71364 33599 25739 ... 07558 06338 06306 88888 88888 00044 00044	FSK 100/620	(AB)
F11	13424	27-6	0850	Wed	0353 88888 88888 71364 33599 25739 ... 07558 06338 06306 88888 88888 00044 00044	FSK 100/620	(AB)
F11	6280	27-6	1150	Wed	0325 88888 88888 81669 29149 81152 ... 53526 12107 95511 88888 88888 00037 00037	FSK 100/620	(AB-AUT/MPJ)
F11	6280	27-6	1155	Wed	0325 88888 88888 81669 29149 81152 ... 53526 12107 95511 88888 88888 00037 00037	FSK 100/620	(AB-AUT/MPJ)
G06	7320	4-6	0759	Mon	329 329 329 00000. Early start	USB	(AB)
G06	5287	4-6	1659	Mon	938 938 938 00000	USB	(AB/MPJ)
G06	4935	4-6	1758	Mon	938 938 938 00000. Early start	USB	(AB/MPJ)
G06	6978	6-6	1200	Wed	938 938 938 00000	USB	(MPJ)
G06	7423	6-6	1300	Wed	938 938 938 00000	USB	(MPJ)

G06	5890	7-6	1300	Thu	329 0	USB	(HFD)
G06	5890	7-6	1300	Thu	329 329 329 00000	USB	(MPJ)
G06	5287	11-6	1658	Mon	938 938 938 00000. Early start	USB	(AB)
G06	4935	11-6	1754	Mon	111 111 111 00000	USB	(AB)
G06	4935	11-6	1800	Mon	938 938 938 00000	USB	(AB/MPJ)
G06	6990	13-6	1159	Wed	938 938 938 00000	USB	(AB-POL/MPJ)
G06	6990	13-6	1205	Wed	111 111 111 00000	USB	(AB-POL)
G06	7423	13-6	1259	Wed	938 938 938 00000	USB	(AB-POL)
G06	6887	14-6	1830	Thu	842 273 62 64537 27364 28374 ... 64612 84759 76491 273 62 00000	USB	(AB/MPJ)
G06	5943	15-6	1912	Fri	111 111 111 00000 moves to 5930 kHz	USB	(AB)
G06	5930	15-6	1924	Fri	111 111 111 00000	USB	(AB)
G06	5930	15-6	1930	Fri	218 273 62 64537 27364 28374 ... 64612 84759 76491 273 62 00000	USB	(AB)
G06	7320	18-6	0800	Mon	329 329 329 00000	USB	(AB)
G06	5890	21-6	1229	Thu	111 111 111 00000	USB	(AB)
G06	5890	21-6	1300	Thu	329 329 329 00000	USB	(AB)
G06	6887	28-6	1830	Thu	842 273 62 64537 27364 28374 ... 64612 84759 76491 273 62 00000	USB	(AB/MPJ)
G06	5933	29-6	1929	Fri	218 273 62 64537 27364 28374 ... 64612 84759 76491 273 62 00000	USB	(AB)
HM01	11435	1-6	1555	Fri	74055 13063 08685 87583 32818 57443	AM/RDFT	(RR2)
HM01	11435	2-6	1556	Sat	74056 13064 08686 87584 32819 57444	AM/RDFT	(RR2)
HM01	11435	3-6	1603	Sun	74057 13065 08687 87585 53811 57445	AM/RDFT	(RR2)
HM01	11435	4-6	1558	Mon	74058 13066 08688 87586 53811 57446	AM/RDFT	(RR2)
HM01	11435	5-6	1556	Tue	40061 13067 08689 87587 53812 57447	AM/RDFT	(RR2)
HM01	11435	6-6	1629	Wed	40061 18251 06251 87588 53813 57448. Monitored but not heard at 1600z	AM/RDFT	(RR2)
HM01	11435	7-6	1556	Thu	40062 18251 06251 87589 53814 14401	AM/RDFT	(RR2)
HM01	11435	8-6	1557	Fri	40063 18252 06252 14811 53815 14401	AM/RDFT	(RR2)
HM01	11435	9-6	1555	Sat	40064 18253 06253 14811 53816 14402	AM/RDFT	(RR2)
HM01	11435	10-6	1556	Sun	40065 18254 06254 14812 53817 14403	AM/RDFT	(RR2)
HM01	11435	11-6	1603	Mon	40066 18255 06255 14813 53818 14404	AM/RDFT	(RR2)
HM01	11435	12-6	1555	Tue	40067 18256 06256 14814 45801 14405	AM/RDFT	(RR2)
HM01	10345	13-6	0628	Wed	i.p. 40067 18256 06256 14814 45801 14405	AM/RDFT	(AB)
HM01	11435	13-6	1553	Wed	40068 18257 06257 14815 45801 14406	AM/RDFT	(RR2)
HM01	11435	14-6	1559	Thu	40069 24281 06258 14816 45802 14407	AM/RDFT	(RR2)
HM01	11435	15-6	1556	Fri	11071 24281 56011 14817 45803 23561	AM/RDFT	(RR2)
HM01	11435	16-6	1558	Sat	11071 24282 56011 64531 45804 23561	AM/RDFT	(RR2)
HM01	9065	17-6	0614	Sun	i.p. 11071 24282 56011 64531 45804 23561	AM/RDFT	(AB)
HM01	10345	17-6	0642	Sun	i.p. 11071 24282 56011 64531 45804 23561	AM/RDFT	(AB)
HM01	9330	17-6	0654	Sun	11071 24282 56011 64531 45804 23561	AM/RDFT	(AB)
HM01	11435	17-6	1556	Sun	11072 24283 56012 64531 45805 23562	AM/RDFT	(RR2)
HM01	10860	18-6	0524	Mon	11072 24283 56012 64531 45805 23562	AM/RDFT	(AB)
HM01	10345	18-6	0554	Mon	11072 24283 56012 64531 45805 23562	AM/RDFT	(AB)

HM01	9330	18-6	0654	Mon	11072 24283 56012 64531 45805 23562	AM/RDFT	(AB)
HM01	9065	18-6	0754	Mon	11072 24283 56012 64531 45805 23562	AM/RDFT	(AB)
HM01	11435	18-6	1559	Mon	11073 24284 56013 64532 45806 23563	AM/RDFT	(RR2)
HM01	11435	19-6	1558	Tue	11074 24285 56014 64533 45807 23564	AM/RDFT	(RR2)
HM01	10345	20-6	0644	Wed	i.p. 11074 24285 56014 64533 45807 23564	AM/RDFT	(AB)
HM01	9330	20-6	0654	Wed	11074 24285 56014 64533 45807 23564	AM/RDFT	(AB)
HM01	9065	20-6	0754	Wed	11074 24285 56014 64533 45807 23564	AM/RDFT	(AB)
HM01	11435	20-6	1559	Wed	11075 24286 56015 64534 45808 23565	AM/RDFT	(RR2)
HM01	11435	21-6	1558	Thu	11076 24287 56016 64535 81131 23566	AM/RDFT	(RR2)
HM01	9240	22-6	0854	Fri	11076 24287 56016 64535 81131 23566	AM/RDFT	(AB)
HM01	9155	22-6	0954	Fri	11076 24287 56016 64535 81131 23566	AM/RDFT	(AB)
HM01	11435	22-6	1555	Fri	11077 18141 56017 64536 81131 23567	AM/RDFT	(RR2)
HM01	11435	23-6	1555	Sat	03261 18141 56018 64537 81132 45851	AM/RDFT	(RR2)
HM01	11435	24-6	1559	Sun	03261 18142 10701 64538 81133 45851	AM/RDFT	(RR2)
HM01	9240	25-6	0854	Mon	03261 18142 10701 64538 81133 45851	AM/RDFT	(AB)
HM01	11435	25-6	1556	Mon	03262 18143 10701 36361 81134 45852	AM/RDFT	(RR2)
HM01	11635	26-6	1830	Tue	i.p. 03263 18144 10702 36361 81135 45853 Nothing heard at 1600z & 1700z	AM/RDFT	(RR2)
HM01	16180	26-6	2057	Tue	03263 18144 10702 36361 81135 45853	AM/RDFT	(RL)
HM01	17480	26-6	2157	Tue	03263 18144 10702 36361 81135 45853	AM/RDFT	(RL)
HM01	9330	27-6	0747	Wed	03263 18144 10702 36361 81135 45853	AM/RDFT	(AB)
HM01	9155	27-6	0957	Wed	03263 18144 10702 36361 81135 45853	AM/RDFT	(RL)
HM01	11435	27-6	1607	Wed	Windows sounds into 03264 18145 10703 36362 81136 45854. YL was also talking over herself with another set of groups of numbers simultaneously.	AM/RDFT	(RR2)
HM01	10715	27-6	2157	Wed	03264 18145 10703 36362 81136 45854	AM/RDFT	(RL)
HM01	11530	28-6	1658	Thu	03265 18146 10704 36363 81137 45855	AM/RDFT	(RR2)
HM01	17480	28-6	2157	Thu	03265 18146 10704 36363 81137 45855	AM/RDFT	(RL)
HM01	10860	29-6	0528	Fri	i.p. 03265 18146 10704 36363 81137 45855	AM/RDFT	(AB)
HM01	10345	29-6	0605	Fri	i.p. 03265 18146 10704 36363 81137 45855	AM/RDFT	(AB)
HM01	9330	29-6	0654	Fri	03265 18146 10704 36363 81137 45855	AM/RDFT	(AB)
HM01	9065	29-6	0836	Fri	i.p. 03265 18146 10704 36363 81137 45855	AM/RDFT	(AB)
HM01	9240	29-6	0854	Fri	03265 18146 10704 36363 81137 45855	AM/RDFT	(AB)
HM01	9155	29-6	0954	Fri	03265 18146 10704 36363 81137 45855	AM/RDFT	(AB)
HM01	10715	29-6	2157	Fri	03266 18147 10705 36364 17001 45856	AM/RDFT	(RL/BW3)
M01	5280	5-6	1800	Tue	025 372 372 30 30 = = 73412 21428 93063 ... 82252 65280 66808 = = 371 371 30 30 000 (Many errors)	CW	(MPJ)
M01	6435	9-6	1500	Sat	025 721 721 30 30 = = 38640 84658 27268 ... 45179 81642 80485 = = 721 721 30 30 000. Some long zeros. Imaginative spacing	CW	(AB/MPJ)
M01	5280	12-6	1800	Tue	025 583 583 30 30 = = 43901 44261 67023 ... 69023 22317 64215 = = 583 583 30 30 000	CW	(AB)
M01	5280	14-6	1800	Thu	025 765 765 30 30 83099 17614 26180 ... 32383 94751 34439 765 765 30 30 (long pause) 000	CW	(MPJ)
M01	6435	16-6	1500	Sat	025 303 303 = = = 91052 51678 45773 ... 17093 40103 66494 = = = 303 303 3030 000 000. Varied spacing	CW	(MPJ-HOL)



<b>M01</b>	5280	19-6	1800	Tue	025 228 228 30 30 48495 27137 04649 ... 18840 85326 20114 28 2J8 30 30 000 (As sent). Used .-.-.- and ----- in text	CW	(AB)
<b>M01</b>	5280	19-6	1800	Tue	025 228 228 30 30 48495 27137 04649 ... 18840 85326 20114 28 2J8 30 30 000 (As sent). Used .-.-.- and ----- in text	CW	(AB)
<b>M01</b>	5280	21-6	1800	Thu	025 828 828 30 30 == 86928 52635 35366 ... 70579 80285 36368 == 828 828 0 0	CW	(MPJ)
<b>M01</b>	6435	23-6	1500	Sat	025 579 579 30 30 == 28179 06974 70814 ... 27586 54059 90790 SK SK 579 579 30 30 000	CW	(AB/MPJ)
<b>M01</b>	6780	24-6	0700	Sun	025 917 917 30 30 == 14379 83637 62240 ... 16653 52139 30112 == 917 917 30 30 000	CW	(AB)
<b>M01</b>	5280	28-6	1800	Thu	025 832 30 == 83230 == 29879 41984 68016 ... 40687 07159 10533 == 832 30 832 30 000. (With errors)	CW	(MPJ)
<b>M01</b>	6435	30-6	1500	Sat	025 273 273 30 30 88074 08888 77589 ... 68888 58477 (59477) 04507 273 273 30 30 000	CW	(MPJ)
<b>M01a</b>	9411	5-6	0532	Tue	751 751 751 96894 96894 751 751 751 96894 96894751 751 751 97919 97919	CW	(F5JBR)
<b>M01a</b>	9051	5-6	0541	Tue	216 216 216 64614 64614 216 216 216 67467 67467	CW	(F5JBR)
<b>M01a</b>	10233	5-6	0620	Tue	354 354 354 78505 78505 354 354 354 79326 79326 111 999 0xx70 00030 56702 ... 15473 00030 00072 00000 = 072 35 000	CW	(F5JBR)
<b>M01a</b>	5743	16-6	1413	Sat	i.p. 24757 26955 11015 111 000	CW	(F5JBR)
<b>M01a</b>	5743	16-6	1435	Sat	111 999 120 15 = 56754 34523 87967 ... 87909 78676 23423 = 120 15	CW	(F5JBR)
<b>M01a</b>	5743	16-6	1435	Sat	111 999 120 15 = 56754 34523 87967 ... 87909 78676 23423 = 120 15 111 = 75654 78656 = 111 000	CW	(F5JBR)
<b>M01b</b>	5150	4-6	1915	Mon	858 745 32 == ... 31665 94079 96528 ... 55494 07737 08253? = = 745 32 000 //5475 kHz	MCW	(MPJ)
<b>M01b</b>	5475	4-6	1915	Mon	858 745 32 == ... 31665 94079 96528 ... 55494 07737 08253? = = 745 32 000 //5150 kHz	MCW	(MPJ)
<b>M01b</b>	5095	7-6	1832	Thu	815 745 32 == = 14665 94079 96528 ... 55494 07727 09253 = = 745 32 000 //5760 kHz	MCW	(MPJ)
<b>M01b</b>	5760	7-6	1832	Thu	815 745 32 == = 14665 94079 96528 ... 55494 07727 09253 = = 745 32 000 //5095 kHz	MCW	(MPJ)
<b>M01b</b>	5075	8-6	1902	Fri	336 ... unreadable //5465 kHz	MCW	(MPJ)
<b>M01b</b>	5465	8-6	1902	Fri	336 ... unreadable //5075 kHz	MCW	(MPJ)
<b>M01b</b>	5125	11-6	1810	Mon	364 745 32 == = 14665 94079 96528 ... 55494 07727 09253 = = 745 32 000 //5735 kHz	MCW	(MPJ-HOL)
<b>M01b</b>	5735	11-6	1810	Mon	364 745 32 == = 14665 94079 96528 ... 55494 07727 09253 = = 745 32 000 //5125 kHz	MCW	(MPJ-HOL)
<b>M01b</b>	5150	11-6	1915	Mon	858 745 32 == = 14665 94079 96528 ... 55494 07727 09253 = = 745 32 000 //5475 kHz	MCW	(MPJ-HOL)
<b>M01b</b>	5475	11-6	1915	Mon	858 745 32 == = 14665 94079 96528 ... 55494 07727 09253 = = 745 32 000 //5150 kHz	MCW	(MPJ-HOL)
<b>M01b</b>	5095	14-6	1832	Thu	815 745 32 == = 14665 94079 96528 ... 55494 07727 09253 = = 745 32 000	MCW	(MPJ)
<b>M01b</b>	5075	15-6	1902	Fri	366 745 32 == = 14665 94079 96528 ... 55494 07727 09253 = = 745 32 000 //5465 kHz	MCW	(MPJ)
<b>M01b</b>	5465	15-6	1902	Fri	366 745 32 == = 14665 94079 96528 ... 55494 07727 09253 = = 745 32 000 //5075 kHz	MCW	(MPJ)
<b>M01b</b>	5125	18-6	1810	Mon	364 745 32 == = 14665 94079 96528 ... 55494 07727 09253 = = 745 32 000 //5735 kHz	MCW	(MPJ)
<b>M01b</b>	5735	18-6	1810	Mon	364 745 32 == = 14665 94079 96528 ... 55494 07727 09253 = = 745 32 000 //5125 kHz	MCW	(MPJ)
<b>M01b</b>	5150	18-6	1915	Mon	858 745 32 == = 14665 94079 96528 ... 55494 07727 09253 = = 745 32 000 //5475 kHz	MCW	(MPJ)
<b>M01b</b>	5475	18-6	1915	Mon	858 745 32 == = 14665 94079 96528 ... 55494 07727 09253 = = 745 32 000 //5150 kHz	MCW	(MPJ)
<b>M01b</b>	5095	21-6	1832	Thu	815 745 32 == = 14665 94079 96528 ... 55494 07727 09253 = = 745 32 000	MCW	(MPJ)
<b>M01b</b>	5075	22-6	1902	Fri	366 ... unreadable //5465 kHz	MCW	(MPJ)
<b>M01b</b>	5465	22-6	1902	Fri	366 ... unreadable //5075 kHz	MCW	(MPJ)
<b>M01b</b>	5125	25-6	1810	Mon	Only carriers, no transmission //5735 kHz	MCW	(MPJ)
<b>M01b</b>	5735	25-6	1810	Mon	Only carriers, no transmission //5125 kHz	MCW	(MPJ)
<b>M01b</b>	5095	28-6	1832	Thu	815 ... (Only callsign readable)	MCW	(MPJ)

<b>M01b</b>	5075	29-6	1902	Fri	336 ..8 32 == 686.9 (Uncopiable) //5465 kHz	MCW	(MPJ)
<b>M01b</b>	5465	29-6	1902	Fri	336 ..8 32 == 686.9 (Uncopiable) //5075 kHz	MCW	(MPJ)
<b>M12</b>	16217	1-6	1950	Fri	284 284 284 000	CW	(AB)
<b>M12</b>	14817	1-6	2010	Fri	284 284 284 000	CW	(AB)
<b>M12</b>	16117	4-6	1400	Mon	174 174 174 1 229 93 229 93 72835 10878 47222 ... 65953 62037 50784 000 000	CW	(AB/MPJ/HFD)
<b>M12</b>	14717	4-6	1420	Mon	174 174 174 1 229 93 229 93 72835 10878 47222 ... 65953 62037 50784 000 000	CW	(AB/MPJ/HFD)
<b>M12</b>	13417	4-6	1440	Mon	174 174 174 1 229 93 229 93 72835 10878 47222 ... 65953 62037 50784 000 000	CW	(AB/MPJ/HFD)
<b>M12</b>	10343	4-6	2000	Mon	124 124 124 1 7384 106 7384 106 92422 67258 48897 ... 55721 63933 22439 000 000	CW	(AB)
<b>M12</b>	9264	4-6	2020	Mon	124 124 124 1 7384 106 7384 106 92422 67258 48897 ... 55721 63933 22439 000 000	CW	(AB)
<b>M12</b>	8116	4-6	2040	Mon	124 124 124 1 7384 106 7384 106 92422 67258 48897 ... 55721 63933 22439 000 000	CW	(AB)
<b>M12</b>	16117	6-6	1400	Wed	174 174 174 1 229 93 229 93 72835 10878 47222 ... 65953 62037 50784 000 000	CW	(MPJ)
<b>M12</b>	14717	6-6	1420	Wed	174 174 174 1 229 93 229 93 72835 10878 47222 ... 65953 62037 50784 000 000	CW	(MPJ)
<b>M12</b>	13417	6-6	1440	Wed	174 174 174 1 229 93 229 93 72835 10878 47222 ... 65953 62037 50784 000 000	CW	(MPJ)
<b>M12</b>	16217	6-6	1950	Wed	284 284 284 000	CW	(AB/HFD)
<b>M12</b>	14817	6-6	2010	Wed	284 284 284 000	CW	(AB/HFD)
<b>M12</b>	9986	6-6	2100	Wed	903 903 903 1 267 77 267 77 05385 30724 10311 ... 30932 09990 13437 000 000	CW	(AB/HFD)
<b>M12</b>	9086	6-6	2120	Wed	903 903 903 1 267 77 267 77 05385 30724 10311 ... 30932 09990 13437 000 000	CW	(AB/HFD)
<b>M12</b>	7386	6-6	2140	Wed	903 903 903 1 267 77 267 77 05385 30724 10311 ... 30932 09990 13437 000 000	CW	(AB/HFD)
<b>M12</b>	14377	7-6	1700	Thu	317 317 317 1 5728 102 5728 102 82743 20285 59895 ... 11530 62353 85827 000 000	CW	(AB/MPJ)
<b>M12</b>	13461	7-6	1720	Thu	317 317 317 1 5728 102 5728 102 82743 20285 59895 ... 11530 62353 85827 000 000	CW	(AB/MPJ)
<b>M12</b>	12114	7-6	1740	Thu	317 317 317 1 5728 102 5728 102 82743 20285 59895 ... 11530 62353 85827 000 000	CW	(AB/MPJ)
<b>M12</b>	10343	7-6	1900	Thu	124 124 124 1 6145 124 6145 124 35115 06501 71816 ... 73959 31996 49850 000 000	CW	(AB/MPJ)
<b>M12</b>	9264	7-6	1920	Thu	124 124 124 1 6145 124 6145 124 35115 06501 71816 ... 73959 31996 49850 000 000	CW	(AB/MPJ)
<b>M12</b>	8116	7-6	1940	Thu	124 124 124 1 6145 124 6145 124 35115 06501 71816 ... 73959 31996 49850 000 000	CW	(AB)
<b>M12</b>	14493	7-6	2110	Thu	431 431 431 000	CW	(AB)
<b>M12</b>	13393	7-6	2130	Thu	431 431 431 000	CW	(AB)
<b>M12</b>	16217	8-6	1950	Fri	284 284 284 000	CW	(AB)
<b>M12</b>	14817	8-6	2010	Fri	284 284 284 000	CW	(AB)
<b>M12</b>	9282	9-6	0500	Sat	291 291 291 1 267 77 267 77 05385 30724 10311 ... 30932 09990 13437 000 000	CW	(AB)
<b>M12</b>	10982	9-6	0520	Sat	291 291 291 1 267 77 267 77 05385 30724 10311 ... 30932 09990 13437 000 000	CW	(AB)
<b>M12</b>	12182	9-6	0540	Sat	291 291 291 1 267 77 267 77 05385 30724 10311 ... 30932 09990 13437 000 000	CW	(AB)
<b>M12</b>	16117	11-6	1400	Mon	174 174 174 000	CW	(AB/MPJ)
<b>M12</b>	14717	11-6	1420	Mon	174 174 174 000	CW	(AB/MPJ)
<b>M12</b>	10343	11-6	1900	Mon	124 124 124 1 6648 107 6648 107 93459 84348 18907 ... 84982 69777 76283 000 000	CW	(AB)
<b>M12</b>	9264	11-6	1920	Mon	124 124 124 1 6648 107 6648 107 93459 84348 18907 ... 84982 69777 76283 000 000	CW	(AB)
<b>M12</b>	8116	11-6	1940	Mon	124 124 124 1 6648 107 6648 107 93459 84348 18907 ... 84982 69777 76283 000 000	CW	(AB)
<b>M12</b>	14493	11-6	2110	Mon	431 431 431 000	CW	(AB)
<b>M12</b>	13393	11-6	2130	Mon	431 431 431 000	CW	(AB)
<b>M12</b>	16117	13-6	1400	Wed	174 174 174 000	CW	(AB/MPJ-RUS)
<b>M12</b>	14717	13-6	1420	Wed	174 174 174 000	CW	(AB/MPJ)

M12	16217	13-6	1950	Wed	284 284 284 000	CW	(AB)
M12	14817	13-6	2010	Wed	284 284 284 000	CW	(AB)
M12	9986	13-6	2100	Wed	903 903 903 000	CW	(AB)
M12	9086	13-6	2120	Wed	903 903 903 000	CW	(AB)
M12	14377	14-6	1700	Thu	317 317 317 1 8158 108 8158 108 98639 80592 53580 ... 50175 51478 48250 000 000	CW	(AB/MPJ)
M12	13461	14-6	1720	Thu	317 317 317 1 8158 108 8158 108 98639 80592 53580 ... 50175 51478 48250 000 000	CW	(AB/MPJ)
M12	12114	14-6	1740	Thu	317 317 317 1 8158 108 8158 108 98639 80592 53580 ... 50175 51478 48250 000 000	CW	(AB/MPJ)
M12	10343	14-6	1900	Thu	124 124 124 1 2498 116 2498 116 38448 31587 16449 ... 44667 14449 94423 000 000	CW	(AB/MPJ)
M12	9264	14-6	1920	Thu	124 124 124 1 2498 116 2498 116 38448 31587 16449 ... 44667 14449 94423 000 000	CW	(AB/MPJ)
M12	8116	14-6	1940	Thu	124 124 124 1 2498 116 2498 116 38448 31587 16449 ... 44667 14449 94423 000 000	CW	(AB)
M12	14493	14-6	2110	Thu	431 431 431 000	CW	(AB)
M12	13393	14-6	2130	Thu	431 431 431 000	CW	(AB)
M12	16217	15-6	1950	Fri	284 284 284 000	CW	(AB)
M12	14817	15-6	2010	Fri	284 284 284 000	CW	(AB)
M12	9282	16-6	0500	Sat	291 291 291 000	CW	(AB)
M12	10982	16-6	0520	Sat	291 291 291 000	CW	(AB)
M12	16117	18-6	1400	Mon	174 174 174 000	CW	(AB/MPJ)
M12	14717	18-6	1420	Mon	174 174 174 000	CW	(AB/MPJ)
M12	10343	18-6	2000	Mon	124 124 124 1 5909 102 5909 102 28840 48628 80146 ... 55541 35948 17335 000 000	CW	(AB)
M12	9264	18-6	2020	Mon	124 124 124 1 5909 102 5909 102 28840 48628 80146 ... 55541 35948 17335 000 000	CW	(AB)
M12	8116	18-6	2040	Mon	124 124 124 1 5909 102 5909 102 28840 48628 80146 ... 55541 35948 17335 000 000	CW	(AB)
M12	14493	18-6	2110	Mon	431 431 431 000	CW	(AB)
M12	13393	18-6	2130	Mon	431 431 431 000	CW	(AB)
M12	16117	20-6	1400	Wed	174 174 174 000	CW	(AB/MPJ)
M12	14717	20-6	1420	Wed	174 174 174 000	CW	(AB/MPJ)
M12	16217	20-6	1950	Wed	284 284 284 000	CW	(AB)
M12	14817	20-6	2010	Wed	284 284 284 000	CW	(AB)
M12	9986	20-6	2100	Wed	903 903 903 1 7847 117 7847 117 46590 61917 91921 ... 99099 58824 40261 000 000	CW	(AB)
M12	9086	20-6	2120	Wed	903 903 903 1 7847 117 7847 117 46590 61917 91921 ... 99099 58824 40261 000 000	CW	(AB)
M12	7368	20-6	2140	Wed	903 903 903 1 7847 117 7847 117 46590 61917 91921 ... 99099 58824 40261 000 000	CW	(AB)
M12	14377	21-6	1700	Thu	317 317 317 1 3765 110 3765 110 04276 63218 47327 ... 49127 29731 61360 000 000	CW	(AB)
M12	13461	21-6	1720	Thu	317 317 317 1 3765 110 3765 110 04276 63218 47327 ... 49127 29731 61360 000 000	CW	(AB)
M12	12114	21-6	1740	Thu	317 317 317 1 3765 110 3765 110 04276 63218 47327 ... 49127 29731 61360 000 000	CW	(AB)
M12	10343	21-6	1900	Thu	124 124 124 1 3563 128 3563 128 90861 13927 79109 ... 45439 72888 72431 000 000	CW	(AB)
M12	9264	21-6	1920	Thu	124 124 124 1 3563 128 3563 128 90861 13927 79109 ... 45439 72888 72431 000 000	CW	(AB)
M12	8116	21-6	1940	Thu	124 124 124 1 3563 128 3563 128 90861 13927 79109 ... 45439 72888 72431 000 000	CW	(AB)
M12	14493	21-6	2110	Thu	431 431 431 000	CW	(AB)
M12	13393	21-6	2130	Thu	431 431 431 000	CW	(AB)
M12	16217	22-6	1950	Fri	284 284 284 000	CW	(AB)
M12	14817	22-6	2010	Fri	284 284 284 000	CW	(AB)

M12	9282	23-6	0500	Sat	291 291 291 1 7847 117 7847 117 46590 61917 91921 ... 99099 58824 40261 000 000	CW	(AB/HFD)
M12	10982	23-6	0520	Sat	291 291 291 1 7847 117 7847 117 46590 61917 91921 ... 99099 58824 40261 000 000	CW	(AB/HFD)
M12	12182	23-6	0540	Sat	291 291 291 1 7847 117 7847 117 46590 61917 91921 ... 99099 58824 40261 000 000	CW	(AB/HFD)
M12	16117	25-6	1400	Mon	174 174 174 1 479 161 479 161 54736 52626 03139 ... 05386 85162 84414 000 000	CW	(AB/MPJ)
M12	14717	25-6	1420	Mon	174 174 174 1 479 161 479 161 54736 52626 03139 ... 05386 85162 84414 000 000	CW	(AB/MPJ)
M12	13417	25-6	1440	Mon	174 174 174 1 479 161 479 161 54736 52626 03139 ... 05386 85162 84414 000 000	CW	(AB/MPJ)
M12	8047	25-6	1800	Mon	463 1 3276 99 99065 37668 69258 ... 02654 25837 07604 000 000	CW	(MPJ)
M12	6802	25-6	1820	Mon	463 1 3276 99 99065 37668 69258 ... 02654 25837 07604 000 000	CW	(MPJ)
M12	5788	25-6	1840	Mon	463 1 3276 99 99065 37668 69258 ... 02654 25837 07604 000 000	CW	(MPJ)
M12	10343	25-6	1900	Mon	124 124 124 1 4876 101 4876 101 91384 06258 00685 ... 71532 24570 17335 000 000	CW	(AB)
M12	9264	25-6	1920	Mon	124 124 124 1 4876 101 4876 101 91384 06258 00685 ... 71532 24570 17335 000 000	CW	(AB)
M12	8116	25-6	1940	Mon	124 124 124 1 4876 101 4876 101 91384 06258 00685 ... 71532 24570 17335 000 000	CW	(AB)
M12	16117	27-6	1400	Wed	174 174 174 1 479 161 479 161 54736 52626 03139 ... 05386 85162 84414 000 000	CW	(AB/MPJ)
M12	14717	27-6	1420	Wed	174 174 174 1 479 161 479 161 54736 52626 03139 ... 05386 85162 84414 000 000	CW	(AB/MPJ)
M12	13417	27-6	1440	Wed	174 174 174 1 479 161 479 161 54736 52626 03139 ... 05386 85162 84414 000 000	CW	(AB/MPJ)
M12	16217	27-6	1950	Wed	284 284 284 000	CW	(AB)
M12	14817	27-6	2010	Wed	284 284 284 000	CW	(AB)
M12	9986	27-6	2100	Wed	903 903 903 000	CW	(AB)
M12	9086	27-6	2120	Wed	903 903 903 000	CW	(AB)
M12	14377	28-6	1700	Thu	317 317 317 1 7321 109 7321 109 48772 17109 11363 ... 80144 93674 69480 000 000	CW	(AB/MPJ)
M12	13461	28-6	1720	Thu	317 317 317 1 7321 109 7321 109 48772 17109 11363 ... 80144 93674 69480 000 000	CW	(AB/MPJ)
M12	12114	28-6	1740	Thu	317 317 317 1 7321 109 7321 109 48772 17109 11363 ... 80144 93674 69480 000 000	CW	(AB/MPJ)
M12	10343	28-6	1900	Thu	124 124 124 1 4426 117 4426 117 24617 93497 39448 ... 71189 76843 35128 000 000	CW	(AB/MPJ)
M12	9264	28-6	1920	Thu	124 124 124 1 4426 117 4426 117 24617 93497 39448 ... 71189 76843 35128 000 000	CW	(AB/MPJ)
M12	8116	28-6	1940	Thu	124 124 124 1 4426 117 4426 117 24617 93497 39448 ... 71189 76843 35128 000 000	CW	(AB)
M12	14493	28-6	2110	Thu	431 431 431 000	CW	(AB)
M12	13393	28-6	2130	Thu	431 431 431 000	CW	(AB/RL)
M12	16217	29-6	1950	Fri	284 284 284 000	CW	(AB)
M12	14817	29-6	2010	Fri	284 284 284 000	CW	(AB)
M12	9282	30-6	0500	Sat	291 291 291 000	CW	(AB)
M12	10982	30-6	0520	Sat	291 291 291 000	CW	(AB)
M14	7605	1-6	1900	Fri	735 (R4) 73 pause (46 sec) 594 66463 25000, then off	MCW	(AB/MPJ)
M14	5560	2-6	0900	Sat	171 837 77 71790 19041 63426 ... (end in QRM) ... .2390 1238. 837 77 00000	MCW	(MPJ)
M14	6948	5-6	1600	Tue	725 725 725 00000	MCW	(MPJ/HFD)
M14	16347	10-6	0930	Sun	617 617 617 00000	CW	(AB)
M14	6856	12-6	1820	Tue	163 124 124 89 89 67345 90347 89346 ... 34895 89456 89340 124 1 124 89 89 00000	MCW	(AB/HFD)
M14	18041	13-6	0500	Wed	952 703 703 60 60 = = 81871 57144 99776 ... 85290 42374 46997 = = 703 703 60 60 00000	CW	(AB-J)
M14	5938	13-6	1920	Wed	417 837 837 77 77 ....	MCW	(AB)
M14	18041	14-6	0500	Thu	952 816 816 50 50 = = 83902 90267 90056 ... 09310 75379 03421 = = 816 816 50 50 00000	CW	(AB-J)
M14	7605	15-6	1900	Fri	735 735 735 00000	MCW	(AB/MPJ)

M14	6876	15-6	2000	Fri	735 735 735 00000	MCW	(AB)
M14	18041	18-6	0500	Mon	952 638 638 50 50 == 44808 36443 94971 ... 89008 02076 89500 == 638 638 50 50 00000	CW	(AB-J)
M14	18041	19-6	0500	Tue	952 471 471 60 60 == 04074 14776 74150 ... 07508 74258 40753 == 471 471 60 60 00000	CW	(AB-J)
M14	6948	19-6	1600	Tue	725 725 725 00000	MCW	(MPJ)
M14	18041	20-6	0500	Wed	952 306 306 55 55 == 77494 44014 76586 ... 93552 91056 93885 == 306 306 55 55 00000	CW	(AB-J)
M14	9463	20-6	1230	Wed	Unscheduled transmission. 801 637 637 25 25 == 12256 37309 23780 ... 73899 02376 69325 == 637 637 25 25 00000	CW	(qsr711/dmhz)
M14	18041	22-6	0500	Fri	952 307 307 55 55 == 91168 50489 86004 ... 39046 71351 24150 == 307 307 55 55 00000	CW	(AB-J)
M14	5430	23-6	0800	Sat	171 121 121 56 56 45644 45646 81348 ... 02458 81230 67312 121 121 56 56 00000	MCW	(AB-POL)
M14	5560	23-6	0828	Sat	Test: 67 17612 57032 08145 04176 07859 76197 0302	MCW	(AB-POL)
M14	5560	23-6	0900	Sat	171 121 121 56 56 45644 45646 81348 ... 02458 81230 67312 121 121 56 56 00000	MCW	(AB-POL)
M14	18041	25-6	0500	Mon	952 681 681 50 50 == 88569 48041 33356 ... 36251 79282 81940 == 681 681 50 50 00000	CW	(AB-J/Rizla)
M14	16347	25-6	0930	Mon	617 617 617 00000	CW	(AB)
M14	18041	26-6	0500	Tue	952 347 347 55 55 == 25053 99189 62435 ... 06910 13118 45436 == 347 347 55 55 00000	CW	(AB-J)
M14	6856	26-6	1820	Tue	163 354 42 46626 42621 42179 ... 4 mins of 111111s ... 45567 46521 79541 354 42 00000	MCW	(MPJ)
M14	18041	27-6	0500	Wed	952 160 160 50 50 == 42813 01573 92389 ... 54663 88939 24478 == 160 160 50 50 00000	CW	(AB-J)
M14	5938	27-6	1920	Wed	417 417 707 707 42 42 89734 67523 56423 ... 92934 65723 76534 707 707 42 42 00000	MCW	(AB/MPJ)
M14	18041	28-6	0500	Thu	952 478 478 55 55 == 34109 36836 02502 ... 87946 15258 56703 == 478 478 55 55 00000	CW	(AB-J)
M14	18041	29-6	0500	Fri	952 103 103 60 60 == 79762 83841 13926 ... 43531 31492 73991 == 103 103 60 60 00000	CW	(AB-J)
M14	5430	30-6	0800	Sat	171 17 33 456 56 45644 45646 81348 ... 02458 81230 67312 349 349 56 56 00000 (error in header)	MCW	(AB-RUS)
M14	5560	30-6	0900	Sat	171 349 349 56 56 45644 45646 81348 ... 02458 81230 67312 349 349 56 56 00000	MCW	(AB-RUS)
M21	4791	5-6	0453	Tue	=990757??0????? =990758??0?????	CW	(F5JBR)
M21	7249	6-6	0537	Wed	=9900841??0????? =990842??0????? =990843??0?????	CW	(F5JBR)
M21	5221.5	6-6	1820	Wed	=992123??0????? =992124??0????? =992125??0????? =992126??0????? =992127??0?????	CW	(F5JBR)
M21	3244.5	7-6	1803	Thu	=992107??0????? =992108??0????? =992109??0????? =992110??0????? =992111??0?????	CW	(F5JBR)
M21	4440.5	8-6	1558	Fri	=991858??8????? =991859??8????? =991900??8????? =991901??8????? =991902??8?????	CW	(F5JBR)
M21	4440.5	10-6	1432	Sun	=4259325932??0 =4366836692??00 =	CW	(F5JBR)
M21	6421.5	12-6	1603	Tue	=991905??8????? =991906??8????? =991907??8????? =991908??8????? =991909??8?????	CW	(F5JBR)
M21	4791	12-6	1630	Tue	=991910??8?????		
M21	4791	12-6	1630	Tue	=18900422051131 =991935??0????? =991939??0????? 12 juin 18 (F5JBR)	CW	(F5JBR)
M21	3691.5	13-6	1811	Wed	=992111??0????? =992112??0????? =992113??0????? =992114??0????? =992115??0?????	CW	(F5JBR)
M21	3691.5	13-6	1811	Wed	=992116??0????? =992117??0?????		
M21	4582	15-6	1059	Fri	=991359??0????? =9913400??0????? =991401??0????? =991402??0????? =991403??0?????	CW	(F5JBR-J)
M21	4762.5	16-6	0614	Sat	9500 25285 2332 517 9500 7150 511400 9500 252 656633 9500	CW	(F5JBR)
M21	6440.5	19-6	0852	Tue	=991152??0????? =991153??0????? =991154??0?????	CW	(F5JBR-J)
M21	6843.5	19-6	1203	Tue	=991503??0????? =991504??0????? =991505??0?????	CW	(F5JBR-J)
M21	7162	19-6	1739	Tue	=99?2039?9????? =99?2041?9????? =99?2043?9?????	CW	(F5JBR-J)
M21	3691.5	20-6	1307	Wed	=991607??0????? =991608??0????? =991609??0?????	CW	(F5JBR-J)
M21	3691.5	20-6	1307	Wed	Russian Air Defense =991607??0????? =991608??0????? =991609??0?????	CW	(F5JBR-J)
M21	6843.5	27-6	0703	Wed	Russian Air Defense =991003??0????? =991004??0????? =991005??0?????	CW	(F5JBR-J)

<b>M21</b>	7799	27-6	0747	Wed	Russian Air Defense 80616337366 =990604????0?????? =991048??0???????	CW	(F5JBR-J)
<b>M21</b>	3691.5	27-6	1448	Wed	Russian Air Defense =991748??0????? =991749??0????? =991750??0?????	CW	(F5JBR-J)
<b>M21</b>	4385.5	28-6	1638	Thu	Russian Air Defense =99?1937?9????? =99?1939?9????? =99?1941?9?????	CW	(F5JBR-J)
<b>M21</b>	5431	29-6	0944	Fri	Russian Air Defense =99?1244?9????? =99?1246?9????? =99?1248?9?????	CW	(F5JBR-J)
<b>M22</b>	6607	7-6	1811	Thu	VVV DE 4XZ 4XZ	CW	(F5JBR)
<b>M22</b>	4331	13-6	1818	Wed	VVV DE 4XZ 4XZ //4871, 6607 kHz	CW	(F5JBR)
<b>M22</b>	4871	13-6	1818	Wed	VVV DE 4XZ 4XZ //6607, 4331 kHz	CW	(F5JBR)
<b>M22</b>	6607	13-6	1818	Wed	VVV DE 4XZ 4XZ //4871, 4331 kHz	CW	(F5JBR)
<b>M32</b>	14411	4-6	1715	Mon	RDL RDL RDL 75847 83572 75847 83572 75847 83572 K	CW	(AB)
<b>M32</b>	5807	5-6	0739	Tue	XXX XXX RJY50 RJY50 71069 SINEJNOSTX 2502 2680 K	CW	(JPL-Sib)
<b>M32</b>	10561	6-6	0825	Wed	WLHN XXX XXX WLHN WLHN 62077 14957 02879 POSTRONOSYJ 0562 8437 K	CW	(AnEur)
<b>M32</b>	10561	6-6	0831	Wed	G5CX F2ET XXX XXX G5CX G5CX F2ET F2ET 23425 27205 STUKOBOK 5792 5515 K	CW	(AnEur)
<b>M32</b>	18.1	6-6	0839	Wed	RDL 50514 44005 NORDOLEN 8448 7922 K	CW	(AnEur)
<b>M32</b>	18.1	6-6	0841	Wed	RDL 70411 54987 K	CW	(AnEur)
<b>M32</b>	10561	6-6	0900	Wed	5J7Q XXXX XXXX 5J7Q 5J7Q 78482 GAPLOIDNYJ 5474 5878 K	CW	(AnEur)
<b>M32</b>	10561	6-6	0910	Wed	5J7Q XXX XXX (9205.006) = DDDDD LJH_ ____	CW	(AnEur)
<b>M32</b>	10561	6-6	0918	Wed	TUZR XXX XXX TUZR TUZR 15757 WTAVNOJ 6196 1149 K	CW	(AnEur)
<b>M32</b>	10561	6-6	0921	Wed	TUZR XXX XXX TUZR TUZR ZYKOKILX 7439 3217 K	CW	(AnEur)
<b>M32</b>	10561	6-6	0942	Wed	5J7Q XXX XXX 5J7Q 5J7Q VENICHOK 0584 5791 WLI_TNIE 2191 3285 K	CW	(AnEur)
<b>M32</b>	10561	6-6	0951	Wed	5J7Q XXX XXX 5J7Q 5J7Q 59849 AIR 5212 9180 WSPOLXE 3348 6382 K	CW	(AnEur)
<b>M32</b>	10561	6-6	1037	Wed	JFB5 XXX XXX J5FB J5FB 85862 71985 124 = DDDDD LJHD IFXÈD STHOO LFRSJ	CW	(AnEur)
<b>M32</b>	10561	6-6	1058	Wed	H2TM XXX XXX H2TM H2TM 20141 WAVNYJ 1154 6971 K	CW	(AnEur)
<b>M32</b>	10561	6-6	1120	Wed	5J7Q XXX XXX 5J7Q 5J7Q 72171 DOWODOÈNYJ 3398 4533 K	CW	(AnEur)
<b>M32</b>	10561	6-6	1254	Wed	WEGI XXX XXX WEGI WEGI 93540 126 = DDDDD LJHH LCFCHÂ JAUQP FIGYN JAUQP ____	CW	(AnEur)
<b>M32</b>	10561	6-6	1324	Wed	N1DX XXX XXX N1DX N1DX 04564 125 = DDDDD CHAPZK LZDEA CHCHWJP LCDEA CHCHWJP	CW	(AnEur)
<b>M32</b>	10561	6-6	1515	Wed	WEGI XXX XXX WEGI WEGI 96291 127 = DDDDD LPJHD UÔEXN RNÂNÂ HCHÛMA ____	CW	(AnEur)
<b>M32</b>	10561	6-6	1543	Wed	WEGI XXX XXX WEGI WEGI 38928 KREPDECHIN 3545 0538 K	CW	(AnEur)
<b>M32</b>	5113	7-6	1817	Thu	XXX WEGI 42464 FENOGERB 0546 1485 K	CW	(F5JBR)
<b>M32</b>	4861	7-6	1820	Thu	XXX LOMO 80283 WHODORIS 8943 1150	CW	(F5JBR)
<b>M32</b>	5361	7-6	1826	Thu	XXX VZFY 86240 MARWRODENX 6183 1422	CW	(F5JBR)
<b>M32</b>	5073	16-6	1050	Sat	i.p. 56435 64356 56789 35679 89435 35035 34567 77834 67900 11235 ... 50123 34112 16030 821 K. EGX8 R 219 K	CW	(JPL-Sib)
<b>M32</b>	5354.5	17-6	0918	Sun	i.p. 04230 96760 41612 22973 17030 647 K. P8SM R 304 P8SM DE QQ9S QTC K	CW	(JPL-Sib)
<b>M32</b>	11136	28-6	0850	Thu	XXX XXX XXX KIBY KIBY ASFCUS //08 16 POPRE K	CW	(AB)
<b>M32a</b>	11096	1-6	0543	Fri	DE RJS QSA ? K. RPT K. VVV RFH61 DE RJS QSA ? K	CW	(JPL-Sib)
<b>M32a</b>	5478	14-6	1049	Thu	VVV RJP32 DE RJS QSA ? K	CW	(JPL-Sib)
<b>M32b</b>	8816	2-6	0718	Sat	71877 ... RJF94 QTO 0708 QRD XLAA XLMV QRE 0840 QBD 0500	CW	(NH2)
<b>M32b</b>	8816	15-6	1509	Fri	rjf94 rjc38 de 26894 qth 16628 13615 qtr 1506 qbg 5500 qbd 0400 qre XLMV 1607 k. qqm XLMV 1610 sk	CW	(WP3)
<b>M41</b>	4146	5-6	0457	Tue	i.p. 0..85736488658 5176085810255116458 33868572648860000 6985726488502 1111	CW	(F5JBR)



<b>M41</b>	3687	9-6	1749	Sat	FZY2 WZD 30012545235 718033722511300170034 = 3003 0117995 726034 7225113003500 35 K	CW	(F5JBR)
<b>M41</b>	4416.5	13-6	1501	Wed	U17Y 722194 97532528581128811201745 RPT 722194 97532528581128811201745 U17Y K	CW	(F5JBR)
<b>M41</b>	5649	13-6	1743	Wed	i.p. 128812482 43 RPT 722194936340085696128812482 43 AR	CW	(F5JBR)
<b>M41</b>	6803	16-6	1354	Sat	VVV VVV VVVV = 722 1949603 2532 20711 6543 1101 648722 194 9503 253 20 71 1 654 3 1100 ... K	CW	(F5JBR)
<b>M42</b>	19323	4-6	0800	Mon	URG URG URG URG URG URG 11100 10053 35178 04009 02509 and 11100 10053 96742 04010 02609	Baudot 75/500 + FSK CW	(Danix)
<b>M42</b>	11074	8-6	1628	Fri	Russian diplo/intel i.p.	MFSK-66	(AB)
<b>M42</b>	12110	27-6	0735	Wed	Russian diplo/intel.	3000Bd PSK-8/45Bd MFSK-66	(AB)
<b>M42</b>	18660	27-6	1057	Wed	Russian diplo/intel.	3000Bd PSK-8/45Bd MFSK-66	(Danix)
<b>M42</b>	11546	28-6	0816	Thu	Russian diplo/intel.	MFSK-66	(Danix)
<b>M42b</b>	7708	5-6	0519	Tue	MFJQ wkg YDEW. Message in FSK 50/500, opchat in CW	CW + FSK 50/500	(F5JBR)
<b>M42b</b>	6993	5-6	0551	Tue	SFDZ wkg outstation. Message in FSK 50/500, opchat in CW: QRU NIL QRX AR	CW + FSK 50/500	(F5JBR)
<b>M42b</b>	12226	5-6	0620	Tue	Message in FSK 50/500, opchat in CW: QRU NIL QRX AR	CW + FSK 50/500	(F5JBR)
<b>M42b</b>	4040	12-6	1452	Tue	IWBT wkg CUFD	FSK 50/500	(F5JBR)
<b>M42b</b>	3803	19-6	1228	Tue	L7DR wkg W2OU: QSY 20035 QRU NIL ZVP	CW	(F5JBR-J)
<b>M42b</b>	7664	19-6	1658	Tue	1JLV de OPV1 QSY 77548 K. QS4 4 QSY? K	CW	(F5JBR-J)
<b>M42b</b>	5072	20-6	1310	Wed	V1SD wkg 8NED. QSY 45290	CW	(F5JBR-J)
<b>M42b</b>	4761	20-6	1320	Wed	WKZK wkg 3R2M. QSY 45809	CW	(F5JBR-J)
<b>M42b</b>	3838	28-6	1706	Thu	WOWE wkg Q5C1	CW	(F5JBR-J)
<b>M51a</b>	3881	3-6	1831	Sun	5LGs/5FGs mixed groups	CW	(MPJ)
<b>M51a</b>	6825	13-6	0540	Wed	i.p. QNHNB VCGFT PMAIK NTNXXG QJKIH KAUER SQFZR ATGDT 45273 KQLAP MOAUJ BCNGY YHTGF DJSUY RTZWX ...	CW	(AB)
<b>M89</b>	6874	1-6	0540	Fri	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
<b>M89</b>	8157	1-6	0540	Fri	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
<b>M89</b>	10378	1-6	1656	Fri	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
<b>M89</b>	10378	3-6	0844	Sun	V C4TY (x3) DE NSF5 (x2) Note: round slip has technical issue - sending C4TN DE NSF5	CW	(JPL)
<b>M89</b>	6874	3-6	0852	Sun	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
<b>M89</b>	8157	3-6	0852	Sun	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
<b>M89</b>	3238	3-6	1754	Sun	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
<b>M89</b>	4870	3-6	1754	Sun	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
<b>M89</b>	3378	3-6	1804	Sun	V 2VWR (x3) DE S4EB (x2) //4783 sending different round slip	CW	(JPL)
<b>M89</b>	4783	3-6	1804	Sun	V C4TY (x3) DE NSF5 (x2) //3378. Note: round slip has technical issue - sending C4TN DE NSF5. // sending different round slip	CW	(JPL)
<b>M89</b>	10378	5-6	0735	Tue	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
<b>M89</b>	6874	5-6	0737	Tue	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
<b>M89</b>	8157	5-6	0737	Tue	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
<b>M89</b>	5885	5-6	0758	Tue	i.p. NTUD 753T 6735 TD3A 34T6 A4T7 TU6N ... AR K K R R GA (0800z)	CW	(JPL)
<b>M89</b>	10378	6-6	0035	Wed	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)

M89	6874	6-6	0042	Wed	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	8157	6-6	0042	Wed	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	8157	6-6	1020	Wed	M8JF DE RIS9 V	CW	(EW)
M89	7602	6-6	1826	Wed	DKG6 de 3A7D V	CW	(F5JBR)
M89	3378	7-6	1058	Thu	V 2VWR (x3) DE S4EB (x2) //4783 sending different round slip	CW	(JPL)
M89	4783	7-6	1058	Thu	V C4TY (x3) DE NSF5 (x2) //3378 sending different round slip	CW	(JPL)
M89	3238	7-6	1100	Thu	V M8JF (x3) DE RIS9 (x2) //8157 and 6874	CW	(JPL)
M89	6874	7-6	1100	Thu	V M8JF (x3) DE RIS9 (x2) //8157 and 3238	CW	(JPL)
M89	8157	7-6	1100	Thu	V M8JF (x3) DE RIS9 (x2) //6874 and 3238	CW	(JPL)
M89	4783	7-6	1513	Thu	V C4TY (x3) DE NSF5 (x2) i.p. MSG NR 028 CK 499 499 68 0607 = U6DN 5A4N ... //3378 also in tfc - however sending slower)	CW	(JPL)
M89	4870	7-6	1822	Thu	V M8JF (x3) DE RIS9 (x2)	CW	(F5JBR)
M89	6874	8-6	0727	Fri	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	8157	8-6	0727	Fri	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	10378	8-6	0729	Fri	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
M89	4783	8-6	1110	Fri	V C4TY (x3) DE NSF5 (x2) //3378 sending different round slip. Note: Switched from day frequency of 10378 at this time.	CW	(JPL)
M89	10378	8-6	1110	Fri	V C4TY (x3) DE NSF5 (x2) Note: Switched to night frequency of 4783 at this time.	CW	(JPL)
M89	3238	8-6	1111	Fri	V M8JF (x3) DE RIS9 (x2) //8157 and 6874 and 4870	CW	(JPL)
M89	4870	8-6	1111	Fri	V M8JF (x3) DE RIS9 (x2) //8157 and 6874 and 3238	CW	(JPL)
M89	6874	8-6	1111	Fri	V M8JF (x3) DE RIS9 (x2) //8157 and 4870 and 3238	CW	(JPL)
M89	8157	8-6	1111	Fri	V M8JF (x3) DE RIS9 (x2) //6874 and 4870 and 3238	CW	(JPL)
M89	3378	8-6	1117	Fri	V 2VWR (x3) DE S4EB (x2) //4783 sending different round slip	CW	(JPL)
M89	6840	8-6	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //10640	CW	(JPL)
M89	10640	8-6	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	5558	8-6	1126	Fri	i.p. 354U 346U 374A D675 ... AR QSL ? K	CW	(JPL)
M89	4367	8-6	1201	Fri	i.p. QSY TO 74A. QSY TO 7411 VVV YIWO DE VGF3 K K	CW	(JPL)
M89	4433	8-6	1207	Fri	i.p. TO 3918 = DY3N /XL2 AR K R QSL 2006	CW	(JPL)
M89	4521	8-6	1212	Fri	i.p. NR 910/EX 2015 = FSD/OF NR 910/EX 2015 = NR 910/EX 2015 = FSD/OF AR QSY TO 11 NR QSY TO 11 NR VVV	CW	(JPL)
M89	4131	9-6	1620	Sat	V JKDJ (x3) DE SLBC (x2)	CW	(F5JBR)
M89	5801	9-6	1914	Sat	DKG6 de 3A7D V	CW	(F5JBR)
M89	4870	11-6	2304	Mon	V M8JF (x3) DE RIS9 (x2) //8157 and 6874	CW	(JPL)
M89	6874	11-6	2304	Mon	V M8JF (x3) DE RIS9 (x2) //8157 and 4870	CW	(JPL)
M89	8157	11-6	2304	Mon	V M8JF (x3) DE RIS9 (x2) //6874 and 4870	CW	(JPL)
M89	3378	11-6	2310	Mon	V C4TY (x3) DE NSF5 (x2) //4783	CW	(JPL)
M89	4783	11-6	2310	Mon	V C4TY (x3) DE NSF5 (x2) //3378	CW	(JPL)
M89	6840	11-6	2320	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //10640	CW	(JPL)
M89	10640	11-6	2320	Mon	VVV DE Q2MNYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	7620	11-6	2330	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)



M89	8350	11-6	2330	Mon	V WNF(x3) DE (// 7620) (x2) (R5) QSA ? QSV K	CW	(JPL)
M89	3238	12-6	1104	Tue	V M8JF (x3) DE RIS9 (x2) //8157 and 6874 and 4870	CW	(JPL)
M89	4870	12-6	1104	Tue	V M8JF (x3) DE RIS9 (x2) //8157 and 6874 and 3238	CW	(JPL)
M89	6874	12-6	1104	Tue	V M8JF (x3) DE RIS9 (x2) //8157 and 4870 and 3238	CW	(JPL)
M89	8157	12-6	1104	Tue	V M8JF (x3) DE RIS9 (x2) //6874 and 4870 and 3238	CW	(JPL)
M89	3378	12-6	1110	Tue	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
M89	6874	12-6	1120	Tue	M8JF DE RIS9 V	CW	(EW)
M89	8157	13-6	0900	Wed	V M8JF (x3) DE RIS9 (x2)	CW	(F5JBR)
M89	6874	13-6	0903	Wed	V M8JF (x3) DE RIS9 (x2) //8157	CW	(F5JBR)
M89	3378	13-6	1242	Wed	V C4TY (x3) DE NHF5 (x2)	CW	(F5JBR)
M89	3238	13-6	1248	Wed	V M8JF (x3) DE RIS9 (x2)	CW	(F5JBR)
M89	10378	14-6	1041	Thu	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
M89	6874	14-6	1044	Thu	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	8157	14-6	1044	Thu	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	4392	14-6	1054	Thu	i.p. 3U4A T6N3 6D4T 7U4N D4U3 ...	CW	(JPL)
M89	4870	15-6	1055	Fri	V M8JF (x3) DE RIS9 (x2)	CW	(F5JBR-J)
M89	3280	15-6	1115	Fri	10-minutes net: HUU4	CW	(F5JBR-J)
M89	3238	15-6	1225	Fri	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	15-6	1225	Fri	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	6921	15-6	1227	Fri	i.p. OK NR NR 0384 CK 30 24 0615 2000 RMKS 5375 TO 7483 K K	CW	(JPL)
M89	3378	15-6	1239	Fri	V C4TY (x3) DE NSF5 (x2) //4783	CW	(JPL)
M89	4783	15-6	1239	Fri	V C4TY (x3) DE NSF5 (x2) //3378	CW	(JPL)
M89	3378	18-6	1317	Mon	V C4TY (x3) DE NHF5 (x2)	CW	(F5JBR-J)
M89	4870	18-6	1318	Mon	V M8JF (x3) DE RIS9 (x2) //3238	CW	(F5JBR-J)
M89	4783	18-6	1353	Mon	V C4TY (x3) DE NHF5 (x2) //3378	CW	(F5JBR-J)
M89	3642	18-6	1556	Mon	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	7602	18-6	1556	Mon	V DKG6 (x3) DE 3A7D (x2) //2642	CW	(JPL)
M89	6874	19-6	0855	Tue	V M8JF (x3) DE RIS9 (x2)	CW	(F5JBR-J)
M89	6874	19-6	0855	Tue	V M8JF (x3) DE RIS9 (x2)	CW	(F5JBR-J)
M89	5054	19-6	1204	Tue	L4YK wkg XX4E: NR 039 CK 10 24 06 19 2000	CW	(F5JBR-J)
M89	5054	19-6	1204	Tue	L4YK wkg XX4E. Message NR 039 CK 10 24 06 19 2000	CW	(F5JBR-J)
M89	3378	19-6	1309	Tue	V C4TY (x3) DE NHF5 (x2) //4783	CW	(F5JBR-J)
M89	3238	19-6	1342	Tue	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	19-6	1342	Tue	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3378	19-6	1343	Tue	V JU7B (x3) DE 3FCSJ (x2) //4783 sending different roundslip	CW	(JPL)
M89	4783	19-6	1343	Tue	V C4TY (x3) DE NSF5 (x2) //3378 sending different roundslip	CW	(JPL)
M89	4131	19-6	1835	Tue	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	3378	19-6	1836	Tue	V C4TY (x3) DE NSF5 (x2) //4783 now sending same roundslip	CW	(JPL)
M89	4783	19-6	1836	Tue	V C4TY (x3) DE NSF5 (x2) //3378 now sending same roundslip	CW	(JPL)
M89	6840	20-6	0020	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //10640	CW	(JPL)

M89	10640	20-6	0020	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	7620	20-6	0030	Wed	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	20-6	0030	Wed	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	6874	20-6	0040	Wed	V M8JF (x3) DE RIS9 (x2)	CW	(JPL)
M89	10378	20-6	1011	Wed	V C4TY (x3) DE NSF5 (x2) WED	CW	(JPL)
M89	6874	20-6	1012	Wed	V M8JF (x3) DE RIS9 (x2)	CW	(JPL)
M89	6840	20-6	1020	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //10640	CW	(JPL)
M89	10640	20-6	1020	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	4870	20-6	1028	Wed	V M8JF (x3) DE RIS9 (x2)	CW	(JPL)
M89	3378	20-6	1309	Wed	V C4TY (x3) DE NHF5 (x2) //4783	CW	(F5JBR-J)
M89	3619	20-6	1330	Wed	H4VL wkg S..R DML8 DUK4: MSG NR 0166 CK101 27 06 20 2130 RMKS 3223 TO 3257 3389 = 5UTT 64A5 ... QSX on 3829 kHz	CW	(F5JBR-J)
M89	3619	20-6	1330	Wed	H4VL wkg S..R DML8 DUK4: NR 0166 CK101 27 06 20 2130 RMKS 3223 TO 3257 3389 = 5UTT 64A5 ...	CW	(F5JBR-J)
M89	3829	20-6	1330	Wed	DUK4 sends a msg to H4VL: NR 0246 CK 101 27 06 20 2130 RMKS 3389 TO 3223 = A345 D65A ...	CW	(F5JBR-J)
M89	3642	20-6	1509	Wed	DKG6 de 3A7D V	CW	(F5JBR-J)
M89	3642	20-6	1509	Wed	DKG6 de 3A7D V	CW	(F5JBR-J)
M89	7123	20-6	1639	Wed	QGZX wkg GHYC (QX 6985 kHz)	CW	(F5JBR-J)
M89	10378	21-6	0910	Thu	V C4TY (x3) DE NHF5 (x2)	CW	(F5JBR-J)
M89	8157	21-6	0914	Thu	V M8JF (x3) DE RIS9 (x2) //6874	CW	(F5JBR-J)
M89	3236	22-6	2053	Fri	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	6874	23-6	0518	Sat	V M8JF (x3) DE RIS9 (x2)	CW	(F5JBR-J)
M89	6874	23-6	0518	Sat	V M8JF (x3) DE RIS9 (x2)	CW	(F5JBR-J)
M89	5801	23-6	1215	Sat	DKG6 de 3A7D V	CW	(F5JBR-J)
M89	5801	23-6	1215	Sat	DKG6 de 3A7D V	CW	(F5JBR-J)
M89	5780	23-6	1219	Sat	DKG6 de 3A7D V	CW	(F5JBR-J)
M89	5780	23-6	1219	Sat	DKG6 de 3A7D V	CW	(F5JBR-J)
M89	10180	23-6	1241	Sat	DKG6 de 3A7D V	CW	(F5JBR-J)
M89	10180	23-6	1241	Sat	DKG6 de 3A7D V	CW	(F5JBR-J)
M89	3378	23-6	1248	Sat	V C4TY (x3) DE NHF5 (x2) //4783	CW	(F5JBR-J)
M89	3378	23-6	1248	Sat	V C4TY (x3) DE NHF5 (x2) //4783 kHz	CW	(F5JBR-J)
M89	4783	23-6	1248	Sat	V C4TY (x3) DE NHF5 (x2) //3378 kHz	CW	(F5JBR-J)
M89	6840	25-6	0820	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //10640	CW	(JPL)
M89	10640	25-6	0820	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	7620	25-6	0830	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	25-6	0830	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	5198	25-6	1121	Mon	YUN7 wkg JM6E: HR NR 0004 CK92 40 06 25 1940 RMKS 5600 TO 5630 and Texte groups 4 figures/letters	CW	(F5JBR-J)
M89	5198	25-6	1121	Mon	3IEY wkg HYT7	CW	(F5JBR-J)
M89	3238	25-6	1446	Mon	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	25-6	1446	Mon	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)

M89	3378	25-6	1448	Mon	V C4TY (x3) DE NSF5 (x2) //4783	CW	(JPL)
M89	4783	25-6	1448	Mon	V C4TY (x3) DE NSF5 (x2) //3378	CW	(JPL)
M89	5177	25-6	1451	Mon	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	4870	25-6	1542	Mon	V M8JF (x3) DE RIS9 (x2) //3238	CW	(F5JBR-J)
M89	4783	25-6	1548	Mon	V C4TY (x3) DE NHF5 (x2) //3378	CW	(F5JBR-J)
M89	4131	25-6	1614	Mon	V JKDJ (x3) DE SLBC (x2)	CW	(F5JBR-J)
M89	4131	25-6	1827	Mon	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	4720	25-6	1830	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5150	25-6	1830	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	7602	25-6	1905	Mon	V DKG6 de 3A7D	CW	(MPJ)
M89	4860	25-6	2120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	6840	25-6	2120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	10450	26-6	0916	Tue	i.p. TTAN UND7 7TAU DTA5 TTT74 4356 34T7 7DNT ... AR QSL ? K ... R QSL 1725 HR WK NR 0018 K HR NIL SK	CW	(JPL)
M89	6874	26-6	0930	Tue	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	7620	26-6	0930	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8157	26-6	0930	Tue	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	8350	26-6	0930	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	4870	26-6	1434	Tue	V M8JF (x3) DE RIS9 (x2)	CW	(JPL)
M89	4131	26-6	1439	Tue	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	3238	26-6	1736	Tue	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	26-6	1736	Tue	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3378	26-6	1741	Tue	V C4TY (x3) DE NSF5 (x2) //4783	CW	(JPL)
M89	4783	26-6	1741	Tue	V C4TY (x3) DE NSF5 (x2) //3378	CW	(JPL)
M89	10378	27-6	0601	Wed	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
M89	6874	27-6	0603	Wed	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	8157	27-6	0603	Wed	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	5477	27-6	0623	Wed	i.p. TUDA 5T6A 647T 37TN 63AD U7TD ... AS AS QSL ? QSL ? K	CW	(JPL)
M89	7560	27-6	0801	Wed	CQL2 wkg GUS4: MSG NR 0006 CK 100 65 06 27 1540 RKMS 9559 TO 9556 = groups 4 Letters/figures	CW	(F5JBR-J)
M89	7560	27-6	0801	Wed	CQL2 wkg GUS4: MSG NR 0006 CK 100 65 06 27 1540 RKMS 9559 TO 9556 = groups 4 Letters/figures	CW	(F5JBR-J)
M89	3378	27-6	1515	Wed	V C4TY (x3) DE NSF5 (x2) //4783	CW	(JPL)
M89	4783	27-6	1515	Wed	V C4TY (x3) DE NSF5 (x2) //3378	CW	(JPL)
M89	3238	27-6	1517	Wed	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	27-6	1517	Wed	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4860	27-6	1520	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	6840	27-6	1520	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	4720	27-6	1530	Wed	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5150	27-6	1530	Wed	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	3642	27-6	1622	Wed	DKG6 de 3A7D V //5724	CW	(F5JBR-J)
M89	5724	28-6	1337	Thu	DKG6 de 3A7D V	CW	(F5JBR-J)

<b>M89</b>	3238	28-6	1721	Thu	V M8JF (x3) DE RIS9 (x2) //4870	CW	(F5JBR-J)
<b>M95</b>	5801	3-6	0801	Sun	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
<b>M95</b>	10180	3-6	0801	Sun	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
<b>M95</b>	10180	5-6	0733	Tue	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
<b>M95</b>	5801	6-6	0032	Wed	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
<b>M95</b>	10180	6-6	0032	Wed	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
<b>M95</b>	4364	7-6	1140	Thu	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0470 CK 234 35 06 07 1556 = TT7 3U6 3AN 3U7 TAU 773 ... //8073	CW	(JPL)
<b>M95</b>	8073	7-6	1140	Thu	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0470 CK 234 35 06 07 1556 = TT7 3U6 3AN 3U7 TAU 773 ... //4364	CW	(JPL)
<b>M95</b>	4243	7-6	1146	Thu	VV HR MSG TO YR PSE CY NR 071 CK 18 35 0607 1513 = 5TD 5TT TT7 3U6 3A4 ... //9054	CW	(JPL)
<b>M95</b>	9054	7-6	1146	Thu	VV HR MSG TO YR PSE CY NR 071 CK 18 35 0607 1513 = 5TD 5TT TT7 3U6 3A4 ... //4243	CW	(JPL)
<b>M95</b>	10180	7-6	2055	Thu	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
<b>M95</b>	10180	8-6	0725	Fri	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
<b>M95</b>	5801	8-6	1109	Fri	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
<b>M95</b>	10180	8-6	1109	Fri	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
<b>M95</b>	4364	8-6	1140	Fri	V BNGC (x3) DE XSV85 (x2) NR 0476 CK 266 35 0608 1601 = TTD 3U6 3AN 3U7 TAU 773 TU4 773 353 ... //8073	CW	(JPL)
<b>M95</b>	8073	8-6	1140	Fri	V BNGC (x3) DE XSV85 (x2) NR 0476 CK 266 35 0608 1601 = TTD 3U6 3AN 3U7 TAU 773 TU4 773 353 ... //4364	CW	(JPL)
<b>M95</b>	3642	11-6	2300	Mon	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
<b>M95</b>	7602	11-6	2300	Mon	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
<b>M95</b>	4243	11-6	2350	Mon	(IP - Mostly U/R)	CW	(JPL)
<b>M95</b>	10180	12-6	1100	Tue	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
<b>M95</b>	8073	12-6	1130	Tue	BNGC DE XSV85	CW	(JPL)
<b>M95</b>	4243	12-6	1147	Tue	VV HR M SG TO YR PSE CY NR 081 CK 28 35 0612 1530 = 5TD UTT TAU 3U5 3A4 ...	CW	(JPL)
<b>M95</b>	3642	12-6	1609	Tue	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
<b>M95</b>	7602	12-6	1609	Tue	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
<b>M95</b>	10180	14-6	1038	Thu	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
<b>M95</b>	4364	15-6	1140	Fri	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0508 CK 285 35 0615 1614 = TA5 3U6 3AN 3U7 TAU ... //8073	CW	(JPL)
<b>M95</b>	8073	15-6	1140	Fri	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0508 CK 285 35 0615 1614 = TA5 3U6 3AN 3U7 TAU ... //4364	CW	(JPL)
<b>M95</b>	4243	15-6	1147	Fri	MSG TO YR PSE CY NR 87 CK 17 35 0615 1500 = 5TD UTT TU5 3U. 3A4 ...	CW	(JPL)
<b>M95</b>	3289	15-6	1212	Fri	i.p MSG MSG NR 184/CCK 199 96 0615 1640 RMKS = 0346 TO 0303/9430//9430/0353/0383/0783/1661/0673/0563/0633/0883 TO 0346 AR K	CW	(JPL)
<b>M95</b>	5414	18-6	1320	Mon	5AQT wkg JC4Z: MSG NR 06 CK23 44 0524 0810 = U67A U6N6 UN67	CW	(F5JBR-J)
<b>M95</b>	7123	19-6	1639	Tue	QGZX wkg GHYC. QSX 6985 kHz	CW	(F5JBR-J)
<b>M95</b>	3642	19-6	1830	Tue	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
<b>M95</b>	7602	19-6	1830	Tue	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)

M95	3642	20-6	0019	Wed	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M95	7602	20-6	0019	Wed	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	10180	20-6	1000	Wed	V DKG6 DE 3A7D A NR NR 048/CCK CK 91 555 NR 048/CCK CK 399 29 55 NR 048/CCK CK 299 21 0620 1805 RMKS BSS RMKS BFS =	CW	(JPL)
M95	5801	22-6	1141	Fri	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M95	10180	22-6	1141	Fri	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M95	4243	22-6	1148	Fri	V VV VV V HR MSG TO YR PSE CY NR 002 CK 17 35 0622 1506 = 5TD UT. UU3 U63 A4...	CW	(JPL)
M95	3642	22-6	2049	Fri	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	3642	25-6	1437	Mon	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M95	7602	25-6	1437	Mon	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	5801	26-6	0915	Tue	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M95	10180	26-6	0915	Tue	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M95	3642	26-6	1430	Tue	V DKG6 (x3) DE 3A7D (x2) //10180 and 5801	CW	(JPL)
M95	5801	26-6	1430	Tue	V DKG6 (x3) DE 3A7D (x2) //10180 and 3642	CW	(JPL)
M95	10180	26-6	1430	Tue	V DKG6 (x3) DE 3A7D (x2) //5801 and 3642	CW	(JPL)
M95	10180	27-6	0555	Wed	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	7609	27-6	0915	Wed	5HVN wkg HF7X: MSG NR 143 CCK CK30 37 06 27 1715 RMKS 4596 TO 4651 = groups 4 Letters/figures	CW	(F5JBR-J)
M95	7609	27-6	0915	Wed	5HVN wkg HF7X: MSG NR 143 CCK CK30 37 06 27 1715 RMKS 4596 TO 4651 = groups 4 Letters/figures	CW	(F5JBR-J)
M95	3642	27-6	1512	Wed	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M95	7602	27-6	1512	Wed	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
MX	5153.7	4-6	1940	Mon	Beacon D, Sevastopol	CW	(MPJ)
MX	5154.1	4-6	1940	Mon	Beacon A, Astrakhan	CW	(MPJ)
MX	5153.8	4-6	1941	Mon	Beacon P, Kaliningrad	CW	(MPJ)
MX	10872	6-6	0330	Wed	Beacon M, Magadan	CW	(BW3-J)
MX	13527.7	16-6	0832	Sat	Beacon D, Sevastopol	CW	(AB)
MX	13527.8	16-6	0832	Sat	Beacon P, Kaliningrad	CW	(AB)
MX	13528.1	16-6	0832	Sat	Beacon A, Astrakhan	CW	(AB)
MX	13528	16-6	0908	Sat	Beacon C, Moscow	CW	(AB)
MX	13527.7	28-6	0905	Thu	Beacon D, Sevastopol	CW	(AB)
MX	13527.8	28-6	0905	Thu	Beacon P, Kaliningrad	CW	(AB)
MX	16331.7	28-6	0907	Thu	Beacon D, Sevastopol	CW	(AB)
MX	16332.7	28-6	0907	Thu	Beacon C, Moscow	CW	(AB)
P03a	12385	3-6	1410	Sun	Polish Intel.	BPSK-63	(AB)
P03a	12385	3-6	1415	Sun	Polish Intel.	BPSK-63	(AB)
P03a	14769	3-6	1440	Sun	Polish Intel.	BPSK-63	(AB)
P03a	14769	3-6	1445	Sun	Polish Intel.	BPSK-63	(AB)
P03a	9130	3-6	1500	Sun	Polish Intel.	BPSK-63	(AB)
P03a	9130	3-6	1505	Sun	Polish Intel.	BPSK-63	(AB)
P03a	4840	3-6	1725	Sun	Polish Intel.	BPSK-63	(AB)
P03a	4840	3-6	1730	Sun	Polish Intel.	BPSK-63	(AB)

P03a	12385	4-6	1410	Mon	Polish Intel.	BPSK-63	(AB)
P03a	12385	4-6	1415	Mon	Polish Intel.	BPSK-63	(AB)
P03a	17504	4-6	1635	Mon	Polish Intel.	BPSK-63	(AB)
P03a	17504	4-6	1640	Mon	Polish Intel.	BPSK-63	(AB)
P03a	4840	5-6	1725	Tue	Polish Intel.	BPSK-63	(AB)
P03a	4840	5-6	1730	Tue	Polish Intel.	BPSK-63	(AB)
P03a	14769	8-6	1440	Fri	Polish Intel.	BPSK-63	(AB)
P03a	14769	8-6	1445	Fri	Polish Intel.	BPSK-63	(AB)
P03a	9130	8-6	1500	Fri	Polish Intel.	BPSK-63	(AB)
P03a	9130	8-6	1505	Fri	Polish Intel.	BPSK-63	(AB)
P03a	17504	8-6	1635	Fri	Polish Intel.	BPSK-63	(AB)
P03a	17504	8-6	1640	Fri	Polish Intel.	BPSK-63	(AB)
P03a	14940	9-6	1140	Sat	Polish Intel.	BPSK-63	(AB)
P03a	14940	9-6	1145	Sat	Polish Intel.	BPSK-63	(AB)
P03a	11107	9-6	1225	Sat	Polish Intel.	BPSK-63	(AB)
P03a	11107	9-6	1230	Sat	Polish Intel.	BPSK-63	(AB)
P03a	7840	9-6	1435	Sat	Polish Intel.	BPSK-63	(AB)
P03a	7840	9-6	1440	Sat	Polish Intel.	BPSK-63	(AB)
P03a	16357	9-6	1500	Sat	Polish Intel.	BPSK-63	(AB)
P03a	16357	9-6	1505	Sat	Polish Intel.	BPSK-63	(AB)
P03a	12385	10-6	1410	Sun	Polish Intel.	BPSK-63	(AB)
P03a	12385	10-6	1415	Sun	Polish Intel.	BPSK-63	(AB)
P03a	12385	11-6	1410	Mon	Polish Intel.	BPSK-63	(AB)
P03a	12385	11-6	1415	Mon	Polish Intel.	BPSK-63	(AB)
P03a	17504	11-6	1635	Mon	Polish Intel.	BPSK-63	(AB)
P03a	17504	11-6	1640	Mon	Polish Intel.	BPSK-63	(AB)
P03a	14940	12-6	1140	Tue	Polish Intel.	BPSK-63	(AB)
P03a	14940	12-6	1145	Tue	Polish Intel.	BPSK-63	(AB)
P03a	4840	12-6	1725	Tue	Polish Intel.	BPSK-63	(AB)
P03a	4840	12-6	1730	Tue	Polish Intel.	BPSK-63	(AB)
P03a	11107	13-6	1225	Wed	Polish Intel.	BPSK-63	(AB)
P03a	11107	13-6	1230	Wed	Polish Intel.	BPSK-63	(AB)
P03a	7840	13-6	1435	Wed	Polish Intel.	BPSK-63	(AB)
P03a	7840	13-6	1440	Wed	Polish Intel.	BPSK-63	(AB)
P03a	16357	14-6	1415	Thu	Polish Intel.	BPSK-63	(AB)
P03a	16357	14-6	1420	Thu	Polish Intel.	BPSK-63	(AB)
P03a	14769	15-6	1440	Fri	Polish Intel.	BPSK-63	(AB)
P03a	14769	15-6	1445	Fri	Polish Intel.	BPSK-63	(AB)
P03a	9130	15-6	1500	Fri	Polish Intel.	BPSK-63	(AB)
P03a	9130	15-6	1505	Fri	Polish Intel.	BPSK-63	(AB)



P03a	17504	15-6	1635	Fri	Polish Intel.	BPSK-63	(AB)
P03a	17504	15-6	1640	Fri	Polish Intel.	BPSK-63	(AB)
P03a	14940	16-6	1140	Sat	Polish Intel.	BPSK-63	(AB)
P03a	14940	16-6	1145	Sat	Polish Intel.	BPSK-63	(AB)
P03a	11107	16-6	1225	Sat	Polish Intel.	BPSK-63	(AB)
P03a	11107	16-6	1230	Sat	Polish Intel.	BPSK-63	(AB)
P03a	7840	16-6	1435	Sat	Polish Intel.	BPSK-63	(AB)
P03a	7840	16-6	1440	Sat	Polish Intel.	BPSK-63	(AB)
P03a	14769	17-6	1440	Sun	Polish Intel.	BPSK-63	(AB)
P03a	14769	17-6	1445	Sun	Polish Intel.	BPSK-63	(AB)
P03a	9130	17-6	1500	Sun	Polish Intel.	BPSK-63	(AB)
P03a	9130	17-6	1505	Sun	Polish Intel.	BPSK-63	(AB)
P03a	4840	17-6	1725	Sun	Polish Intel.	BPSK-63	(AB)
P03a	4840	17-6	1730	Sun	Polish Intel.	BPSK-63	(AB)
P03a	12385	18-6	1410	Mon	Polish Intel.	BPSK-63	(AB)
P03a	12385	18-6	1415	Mon	Polish Intel.	BPSK-63	(AB)
P03a	17504	18-6	1635	Mon	Polish Intel.	BPSK-63	(AB)
P03a	17504	18-6	1640	Mon	Polish Intel.	BPSK-63	(AB)
P03a	14940	19-6	1140	Tue	Polish Intel.	BPSK-63	(AB)
P03a	14940	19-6	1145	Tue	Polish Intel.	BPSK-63	(AB)
P03a	16357	19-6	1415	Tue	Polish Intel.	BPSK-63	(AB)
P03a	16357	19-6	1420	Tue	Polish Intel.	BPSK-63	(AB)
P03a	4840	19-6	1725	Tue	Polish Intel.	BPSK-63	(AB)
P03a	4840	19-6	1730	Tue	Polish Intel.	BPSK-63	(AB)
P03a	7840	20-6	1435	Wed	Polish Intel.	BPSK-63	(AB)
P03a	7840	20-6	1440	Wed	Polish Intel.	BPSK-63	(AB)
P03a	16357	20-6	1500	Wed	Polish Intel.	BPSK-63	(AB)
P03a	16357	20-6	1505	Wed	Polish Intel.	BPSK-63	(AB)
P03a	16125	20-6	1600	Wed	Polish Intel.	BPSK-63	(AB)
P03a	16125	20-6	1605	Wed	Polish Intel.	BPSK-63	(AB)
P03a	14769	22-6	1440	Fri	Polish Intel.	BPSK-63	(AB)
P03a	14769	22-6	1445	Fri	Polish Intel.	BPSK-63	(AB)
P03a	9130	22-6	1500	Fri	Polish Intel.	BPSK-63	(AB)
P03a	9130	22-6	1505	Fri	Polish Intel.	BPSK-63	(AB)
P03a	17504	22-6	1635	Fri	Polish Intel.	BPSK-63	(AB)
P03a	17504	22-6	1640	Fri	Polish Intel.	BPSK-63	(AB)
P03a	14940	23-6	1140	Sat	Polish Intel.	BPSK-63	(AB)
P03a	14940	23-6	1145	Sat	Polish Intel.	BPSK-63	(AB)
P03a	11107	23-6	1225	Sat	Polish Intel.	BPSK-63	(AB)
P03a	11107	23-6	1230	Sat	Polish Intel.	BPSK-63	(AB)

P03a	7840	23-6	1435	Sat	Polish Intel.	BPSK-63	(AB)
P03a	7840	23-6	1440	Sat	Polish Intel.	BPSK-63	(AB)
P03a	16357	23-6	1500	Sat	Polish Intel.	BPSK-63	(AB)
P03a	16357	23-6	1505	Sat	Polish Intel.	BPSK-63	(AB)
P03a	16125	23-6	1600	Sat	Polish Intel.	BPSK-63	(AB)
P03a	16125	23-6	1605	Sat	Polish Intel.	BPSK-63	(AB)
P03a	12385	24-6	1410	Sun	Polish Intel.	BPSK-63	(AB)
P03a	12385	24-6	1415	Sun	Polish Intel.	BPSK-63	(AB)
P03a	14769	24-6	1440	Sun	Polish Intel.	BPSK-63	(AB)
P03a	14769	24-6	1445	Sun	Polish Intel.	BPSK-63	(AB)
P03a	9130	24-6	1500	Sun	Polish Intel.	BPSK-63	(AB)
P03a	9130	24-6	1505	Sun	Polish Intel.	BPSK-63	(AB)
P03a	4840	24-6	1725	Sun	Polish Intel.	BPSK-63	(AB)
P03a	4840	24-6	1730	Sun	Polish Intel.	BPSK-63	(AB)
P03a	12385	25-6	1410	Mon	Polish Intel.	BPSK-63	(AB)
P03a	12385	25-6	1415	Mon	Polish Intel.	BPSK-63	(AB)
P03a	17504	25-6	1635	Mon	Polish Intel.	BPSK-63	(AB)
P03a	17504	25-6	1640	Mon	Polish Intel.	BPSK-63	(AB)
P03a	14940	26-6	1140	Tue	Polish Intel.	BPSK-63	(AB)
P03a	14940	26-6	1145	Tue	Polish Intel.	BPSK-63	(AB)
P03a	16357	26-6	1415	Tue	Polish Intel.	BPSK-63	(AB)
P03a	16357	26-6	1420	Tue	Polish Intel.	BPSK-63	(AB)
P03a	4840	26-6	1725	Tue	Polish Intel.	BPSK-63	(AB/MPJ)
P03a	4840	26-6	1730	Tue	Polish Intel.	BPSK-63	(AB/MPJ)
P03a	11107	27-6	1225	Wed	Polish Intel.	BPSK-63	(AB/MPJ)
P03a	11107	27-6	1230	Wed	Polish Intel.	BPSK-63	(AB/MPJ)
P03a	7840	27-6	1435	Wed	Polish Intel.	BPSK-63	(AB)
P03a	7840	27-6	1440	Wed	Polish Intel.	BPSK-63	(AB)
P03a	16357	27-6	1500	Wed	Polish Intel.	BPSK-63	(AB)
P03a	16357	27-6	1505	Wed	Polish Intel.	BPSK-63	(AB)
P03a	16125	27-6	1600	Wed	Polish Intel.	BPSK-63	(AB)
P03a	16125	27-6	1605	Wed	Polish Intel.	BPSK-63	(AB)
P03a	16357	28-6	1415	Thu	Polish Intel.	BPSK-63	(AB/MPJ)
P03a	16357	28-6	1420	Thu	Polish Intel.	BPSK-63	(AB/MPJ)
P03a	14769	29-6	1440	Fri	Polish Intel.	BPSK-63	(AB/MPJ)
P03a	14769	29-6	1445	Fri	Polish Intel.	BPSK-63	(AB/MPJ)
P03a	9130	29-6	1500	Fri	Polish Intel.	BPSK-63	(AB)
P03a	9130	29-6	1505	Fri	Polish Intel.	BPSK-63	(AB)
P03a	14940	30-6	1140	Sat	Polish Intel.	BPSK-63	(AB/MPJ)
P03a	14940	30-6	1145	Sat	Polish Intel.	BPSK-63	(AB/MPJ)



P03a	11107	30-6	1225	Sat	Polish Intel.	BPSK-63	(AB)
P03a	11107	30-6	1230	Sat	Polish Intel.	BPSK-63	(AB)
P03a	7840	30-6	1435	Sat	Polish Intel.	BPSK-63	(AB/MPJ)
P03a	7840	30-6	1440	Sat	Polish Intel.	BPSK-63	(AB/MPJ)
P03a	16357	30-6	1500	Sat	Polish Intel.	BPSK-63	(AB)
P03a	16357	30-6	1505	Sat	Polish Intel.	BPSK-63	(AB)
P03a	16125	30-6	1600	Sat	Polish Intel.	BPSK-63	(AB)
P03a	16125	30-6	1605	Sat	Polish Intel.	BPSK-63	(AB)
P03b	5231	1-6	2035	Fri	Polish Intel.	QPSK-63	(AB)
P03b	5231	1-6	2040	Fri	Polish Intel.	QPSK-63	(AB)
P03b	5231	6-6	2035	Wed	Polish Intel.	QPSK-63	(AB)
P03b	5231	6-6	2040	Wed	Polish Intel.	QPSK-63	(AB)
P03b	5231	8-6	2035	Fri	Polish Intel.	QPSK-63	(AB)
P03b	5231	8-6	2040	Fri	Polish Intel.	QPSK-63	(AB)
P03b	5231	13-6	2035	Wed	Polish Intel.	QPSK-63	(AB)
P03b	5231	13-6	2040	Wed	Polish Intel.	QPSK-63	(AB)
P03b	5231	15-6	2035	Fri	Polish Intel.	QPSK-63	(AB)
P03b	5231	15-6	2040	Fri	Polish Intel.	QPSK-63	(AB)
P03b	9150	17-6	0610	Sun	Polish Intel.	QPSK-63	(AB)
P03b	9150	17-6	0615	Sun	Polish Intel.	QPSK-63	(AB)
P03b	15800	20-6	1120	Wed	Polish Intel.	QPSK-63	(AB)
P03b	15800	20-6	1125	Wed	Polish Intel.	QPSK-63	(AB)
P03b	5231	20-6	2035	Wed	Polish Intel.	QPSK-63	(AB)
P03b	5231	20-6	2040	Wed	Polish Intel.	QPSK-63	(AB)
P03b	5231	22-6	2035	Fri	Polish Intel.	QPSK-63	(AB)
P03b	5231	22-6	2040	Fri	Polish Intel.	QPSK-63	(AB)
P03b	9150	23-6	0610	Sat	Polish Intel.	QPSK-63	(AB)
P03b	9150	23-6	0615	Sat	Polish Intel.	QPSK-63	(AB)
P03b	9150	24-6	0610	Sun	Polish Intel.	QPSK-63	(AB)
P03b	9150	24-6	0615	Sun	Polish Intel.	QPSK-63	(AB)
P03b	15800	24-6	1120	Sun	Polish Intel.	QPSK-63	(AB)
P03b	15800	24-6	1125	Sun	Polish Intel.	QPSK-63	(AB)
P03b	15800	27-6	1120	Wed	Polish Intel.	QPSK-63	(AB)
P03b	15800	27-6	1125	Wed	Polish Intel.	QPSK-63	(AB)
P03b	5231	27-6	2035	Wed	Polish Intel.	QPSK-63	(AB)
P03b	5231	27-6	2040	Wed	Polish Intel.	QPSK-63	(AB)
P03b	5231	29-6	2035	Fri	Polish Intel.	QPSK-63	(AB)
P03b	5231	29-6	2040	Fri	Polish Intel.	QPSK-63	(AB)
P03b	9150	30-6	0610	Sat	Polish Intel.	QPSK-63	(AB)
P03b	9150	30-6	0615	Sat	Polish Intel.	QPSK-63	(AB)

<b>POL</b>	10210	18-6	1000	Mon	Polish Intel.	FSK 400/800	(AB)
<b>POL</b>	10210	18-6	1005	Mon	Polish Intel.	FSK 400/800	(AB)
<b>POL</b>	17410	21-6	0725	Thu	Polish intel.	MFSK-4 100/200	(Danix)
<b>POL</b>	17410	21-6	0730	Thu	Polish intel.	MFSK-4 100/200	(Danix)
<b>POL</b>	10210	21-6	1000	Thu	Polish Intel.	FSK 400/800	(AB)
<b>POL</b>	10210	21-6	1005	Thu	Polish Intel.	FSK 400/800	(AB)
<b>POL</b>	10210	25-6	1000	Mon	Polish Intel.	FSK 400/800	(AB)
<b>POL</b>	10210	25-6	1005	Mon	Polish Intel.	FSK 400/800	(AB)
<b>POL</b>	8545	25-6	1100	Mon	Polish Intel.	FSK 400/800	(AB)
<b>POL</b>	8545	25-6	1105	Mon	Polish Intel.	FSK 400/800	(AB)
<b>POL</b>	10210	28-6	1000	Thu	Polish Intel.	FSK 400/800	(AB)
<b>POL</b>	10210	28-6	1005	Thu	Polish Intel.	FSK 400/800	(AB)
<b>POL</b>	8545	28-6	1100	Thu	Polish Intel.	FSK 400/800	(AB)
<b>POL</b>	8545	28-6	1105	Thu	Polish Intel.	FSK 400/800	(AB)
<b>Q26</b>	4364	7-6	1139	Thu	Messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	8073	7-6	1139	Thu	Messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4243	7-6	1144	Thu	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	9054	7-6	1144	Thu	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4364	8-6	1132	Fri	Messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	8073	8-6	1132	Fri	Messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4243	12-6	1146	Tue	Messages	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4364	15-6	1138	Fri	Message //8073	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	8073	15-6	1138	Fri	Message //4364	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4243	15-6	1143	Fri	Message	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4243	22-6	1146	Fri	Messages	4+4 QPSK 75/3000 LSB	(JPL)
<b>Qs6</b>	11325	19-6	1934	Tue	JYJYJYJYJY PSE ASK 1300 WK TIME CY HR MSG HW+ HR 1300 CY U MSG NO GD ...	4+4 QPSK 75/3000 LSB	(DK8OK)
<b>RADv</b>	4230	12-6	1541	Tue	Russian Air Defense. Tracking	USB	(F5JBR)
<b>RADv</b>	6367	24-6	0834	Sun	Russian Air Defense. Tracking	USB	(F5JBR-J)
<b>RAv</b>	6685	22-6	0827	Fri	Klarnetist w/78789 (IL-76MD) reporting 705/307 at 1126 MSK. At 0843Z reports 101/309 at 1140 MSK. At 0852Z reports 306/309 at 1151 MSK.	USB	(RP-MD)
<b>S06</b>	16022	1-6	0830	Fri	842 179 32 07874	USB	(HFD-HK)
<b>S06</b>	13925	1-6	0930	Fri	842	USB	(HFD-HK)
<b>S06</b>	7528	1-6	2100	Fri	483 483 483 00000	USB	(AB/HFD)
<b>S06</b>	6773	2-6	1900	Sat	263 263 263 00000	USB	(AB/HFD)
<b>S06</b>	5763	2-6	2000	Sat	263 263 263 00000	USB	(AB/HFD)
<b>S06</b>	9946	5-6	1700	Tue	343 618 50 39411 49225 35710 ... 37511 18300 84482 376 50 00000	USB	(AB)
<b>S06</b>	8095	5-6	1730	Tue	343 618 50 39411 49225 35710 ... 37511 18300 84482 376 50 00000	USB	(AB)
<b>S06</b>	10423	5-6	1800	Tue	058 376 50 39411 49225 35710 ... 37511 18300 84482 376 50 00000	USB	(AB)
<b>S06</b>	8167	5-6	1830	Tue	058 376 50 39411 49225 35710 ... 37511 18300 84482 376 50 00000	USB	(AB)
<b>S06</b>	13944	6-6	1500	Wed	387 652 40 40069 24585 82197 ... 08408 82698 20831 652 40 00000	USB	(qsr711/HFD)

S06	11496	6-6	1600	Wed	387 652 40 40069 24585 82197 ... 08408 82698 20831 652 40 00000	USB	(qsr711/HFD)
S06	9946	7-6	1700	Thu	343 827 50 22709 56001 86214 ... 09521 57857 39729 426 50 00000	USB	(AB/MPJ)
S06	8095	7-6	1730	Thu	343 827 50 22709 56001 86214 ... 09521 57857 39729 426 50 00000	USB	(AB/MPJ)
S06	10423	7-6	1800	Thu	058 426 50 22709 56001 86214 ... 09521 57857 39729 426 50 00000	USB	(AB/MPJ)
S06	8167	7-6	1830	Thu	058 426 50 22709 56001 86214 ... 09521 57857 39729 426 50 00000	USB	(AB/MPJ)
S06	9946	9-6	1700	Sat	343 129 50 35801 03550 73490 ... 31300 88497 21326 129 50 00000	USB	(AB/MPJ-RUS
S06	8095	9-6	1730	Sat	343 129 50 35801 03550 73490 ... 31300 88497 21326 129 50 00000	USB	(AB)
S06	10423	9-6	1800	Sat	058 471 50 35801 03550 73490 ... 31300 88497 21326 471 50 00000	USB	(AB)
S06	8167	9-6	1830	Sat	058 471 50 35801 03550 73490 ... 31300 88497 21326 471 50 00000	USB	(AB)
S06	9492	15-6	2000	Fri	483 612 95 89951 48801 78830 ... 96245 77132 75835 612 95 00000	USB	(AB)
S06	7528	15-6	2100	Fri	483 612 95 89951 48801 78830 ... 96245 77132 75835 612 95 00000	USB	(AB)
S06	6773	16-6	1900	Sat	263 263 263 00000	USB	(AB)
S06	5773	16-6	2000	Sat	263 263 263 00000	USB	(AB)
S06	9492	16-6	2000	Sat	483 612 95 89951 48801 78830 ... 96245 77132 75835 612 95 00000	USB	(AB)
S06	7528	16-6	2100	Sat	483 612 95 89951 48801 78830 ... 96245 77132 75835 612 95 00000	USB	(AB)
S06	13925	22-6	0930	Fri	842 601 35 79342 84566 63693 ... 38120 36020 29880 601 35 00000	USB	(AB-Sib)
S06	15721	26-6	0400	Tue	480 236 55 83480	USB	(HFD-Sib)
S06	16022	28-6	0830	Thu	842 610 610 2 2 11111 00060 610 610 2 2 00000	USB	(AB-Sib)
S06	13925	28-6	0930	Thu	842 610 610 2 2 11111 00060 610 610 2 2 00000	USB	(AB-Sib)
S06b	14768	19-6	1325	Tue	583 741 2 11111 00050 583 609 41 85540 79527 60224 ... 39390 36322 19874 609 41 00000	USB	(qsr711)
S06b	11444	19-6	1425	Tue	583 741 2 11111 00050 583 609 41 85540 79527 60224 ... 39390 36322 19874 609 41 00000	USB	(qsr711)
S06c	8171	19-6	1305	Tue	11625 (R4m)	USB	(qsr711)
S06c	7823	19-6	1315	Tue	11625 (R4m)	USB	(qsr711)
S06s	8221	4-6	0830	Mon	371 529 6 38163 33231 31323 32680 85418 31896 529 6 00000	USB	(AB)
S06s	9353	4-6	0840	Mon	371 529 6 38163 33231 31323 32680 85418 31896 529 6 00000	USB	(AB)
S06s	4820	5-6	1000	Tue	893 501 6 31405 46464 33690 39881 23537 47956 501 6 00000	USB	(MPJ-AUT)
S06s	5660	5-6	1010	Tue	893 501 6 31405 46464 33690 39881 23537 47956 501 6 00000	USB	(MPJ-AUT)
S06s	6810	5-6	1100	Tue	754 908 6 83208 38729 47458 42867 39674 42387 908 6 00000	USB	(MPJ)
S06s	7560	5-6	1110	Tue	754 908 6 83208 38729 47458 42867 39674 42387 908 6 00000	USB	(MPJ)
S06s	7744	5-6	1510	Tue	537 940 6 34460 40456 82731 8573x x01xx xxxxx 940 6 00000	USB	(MPJ)
S06s	14580	6-6	1000	Wed	729 451 6 39654 42387 44142 30698 33104 31985 451 6 00000	USB	(MPJ)
S06s	16020	6-6	1010	Wed	729 451 6 39654 42387 44142 30698 33104 31985 451 6 00000	USB	(MPJ)
S06s	13145	7-6	1200	Thu	425 891 6 74893 55627 01994 67744 98735 55711 891 6 00000	USB	(MPJ)
S06s	14535	7-6	1210	Thu	425 891 6 74893 55627 01994 67744 98735 55711 891 6 00000	USB	(MPJ)
S06s	8221	11-6	0830	Mon	371 529 6 38163 33231 31323 32680 85418 31896 529 6 00000	USB	(AB)
S06s	9353	11-6	0840	Mon	371 529 6 38163 33231 31323 32680 85418 31896 529 6 00000	USB	(AB)
S06s	10230	11-6	1200	Mon	831 904 5 33699 39998 30667 35947 82964 904 5 00000	USB	(AB)
S06s	12165	11-6	1210	Mon	831 904 5 33699 39998 30667 35947 82964 904 5 00000	USB	(AB)
S06s	15945	12-6	0600	Tue	438 257 6 43334 20147 20494 42014 82061 35544 257 6 00000	USB	(AB/HFD)
S06s	16945	12-6	0610	Tue	438 257 6 43334 20147 20494 42014 82061 35544 257 6 00000	USB	(AB/HFD)

S06s	5430	12-6	0700	Tue	374 895 6 35944 31323 32680 85418 31896 47565 895 6 00000	USB	(AB-RUS)
S06s	6780	12-6	0715	Tue	374 895 6 35944 31323 32680 85418 31896 47565 895 6 00000	USB	(AB)
S06s	14373	12-6	0800	Tue	352 947 6 32805 37450 46501 31053 44246 31824 947 6 00000	USB	(AB)
S06s	12935	12-6	0810	Tue	352 947 6 32805 37450 46501 31053 44246 31824 947 6 00000	USB	(AB)
S06s	4820	12-6	1000	Tue	893 501 6 31405 46464 33690 39882 23537 47956 501 6 00000	USB	(AB-UKR)
S06s	5660	12-6	1000	Tue	893 501 6 31405 46464 33690 39882 23537 47956 501 6 00000	USB	(AB-POL)
S06s	6810	12-6	1100	Tue	754 908 68308 38729 47458 42867 39674 42387 908 6 00000	USB	(AB-RUS/MPJ-AUT)
S06s	7560	12-6	1110	Tue	754 908 68308 38729 47458 42867 39674 42387 908 6 00000	USB	(AB-RUS/MPJ-AUT)
S06s	6766	12-6	1500	Tue	537 940 6 34460 40456 88731 87386 31101 37931 940 6 00000	USB	(AB-UKR/MPJ-I)
S06s	7744	12-6	1510	Tue	537 940 6 34460 40456 88731 87386 31101 37931 940 6 00000	USB	(AB/MPJ-I)
S06s	12110	13-6	0730	Wed	745 803 6 39818 38792 30187 30568 32154 47965 803 6 00000	USB	(AB)
S06s	14977	13-6	0740	Wed	745 803 6 39818 38792 30187 30568 32154 47965 803 6 00000	USB	(AB)
S06s	9485	13-6	0820	Wed	471 903 5 31405 46464 33690 39883 32537 903 5 00000	USB	(AB)
S06s	11085	13-6	0830	Wed	471 903 5 31405 46464 33690 39883 32537 903 5 00000	USB	(AB)
S06s	11565	13-6	0830	Wed	464 937 5 28571 15277 59881 64604 49656 937 5 00000	USB	(AB)
S06s	12560	13-6	0840	Wed	464 937 5 28571 15277 59881 64604 49656 937 5 00000	USB	(AB)
S06s	14580	13-6	1000	Wed	729 451 6 39654 42387 44142 30698 33104 31985 451 6 00000	USB	(AB)
S06s	16020	13-6	1010	Wed	729 451 6 39654 42387 44142 30698 33104 31985 451 6 00000	USB	(AB)
S06s	13145	14-6	1200	Thu	425 891 6 74893 55627 01994 67744 98735 55711 891 6 00000	USB	(AB/MPJ)
S06s	14535	14-6	1210	Thu	425 891 6 74893 55627 01994 67744 98735 55711 891 6 00000	USB	(AB/MPJ)
S06s	10290	15-6	0930	Fri	516 243 7 52401 63919 92699 14600 74248 49754 65125 243 7 00000	USB	(AB)
S06s	9655	15-6	0940	Fri	516 243 7 52401 63919 92699 14600 74248 49754 65125 243 7 00000	USB	(AB)
S06s	8221	18-6	0830	Mon	371 920 5 33584 40385 46170 43306 37796 920 5 00000	USB	(AB)
S06s	9353	18-6	0840	Mon	371 920 5 33584 40385 46170 43306 37796 920 5 00000	USB	(AB)
S06s	16380	18-6	0900	Mon	872 469 5 45504 44439 37631 37158 89898 469 5 00000	USB	(AB)
S06s	14835	18-6	0910	Mon	872 469 5 45504 44439 37631 37158 89898 469 5 00000	USB	(AB)
S06s	10230	18-6	1200	Mon	831 972 5 46280 83060 43879 40606 38366 972 5 00000	USB	(AB/MPJ)
S06s	12165	18-6	1210	Mon	831 972 5 46280 83060 43879 40606 38366 972 5 00000	USB	(AB/MPJ)
S06s	15945	19-6	0600	Tue	438 957 6 42990 33000 32968 35332 36880 33582 957 6 00000	USB	(AB-UKR)
S06s	16945	19-6	0610	Tue	438 957 6 42990 33000 32968 35332 36880 33582 957 6 00000	USB	(AB-UKR)
S06s	5430	19-6	0700	Tue	374 219 5 33640 38293 43330 32403 88334 219 5 00000	USB	(AB-POL)
S06s	6780	19-6	0715	Tue	374 219 5 33640 38293 43330 32403 88334 219 5 00000	USB	(AB)
S06s	7365	19-6	0730	Tue	427 806 5 46062 68672 97078 39685 30485 806 5 00000	USB	(AB)
S06s	11655	19-6	0740	Tue	427 806 5 46062 68672 97078 39685 30485 806 5 00000	USB	(AB)
S06s	14373	19-6	0800	Tue	352 418 6 96632 52537 53317 06675 41736 21767 418 6 00000	USB	(AB)
S06s	12935	19-6	0810	Tue	352 418 6 96632 52537 53317 06675 41736 21767 418 6 00000	USB	(AB)
S06s	4820	19-6	1000	Tue	893 204 5 52401 63919 92699 14600 74248 204 5 00000	USB	(AB-UKR)
S06s	5660	19-6	1000	Tue	893 204 5 52401 63919 92699 14600 74248 204 5 00000	USB	(AB-POL)

S06s	6810	19-6	1100	Tue	754 923 6 33796 13577 74526 46647 79302 53516 923 6 00000	USB	(AB)
S06s	7560	19-6	1110	Tue	754 923 6 33796 13577 74526 46647 79302 53516 923 6 00000	USB	(AB)
S06s	6766	19-6	1500	Tue	537 842 6 88620 58069 61732 74537 57440 20597 842 6 00000	USB	(AB-UKR/MPJ-HOL)
S06s	7744	19-6	1510	Tue	537 842 6 88620 58069 61732 74537 57440 20597 842 6 00000	USB	(AB/MPJ-HOL)
S06s	12110	20-6	0730	Wed	745 263 8 07931 98755 84636 45752 64655 58202 44206 29464 263 8 00000	USB	(AB)
S06s	14977	20-6	0740	Wed	745 263 8 07931 98755 84636 45752 64655 58202 44206 29464 263 8 00000	USB	(AB)
S06s	9485	20-6	0820	Wed	471 865 9 88443 36772 98493 36340 32048 34338 30085 40901 34341 865 9 00000	USB	(AB)
S06s	11085	20-6	0830	Wed	471 865 9 88443 36772 98493 36340 32048 34338 30085 40901 34341 865 9 00000	USB	(AB)
S06s	11565	20-6	0830	Wed	464 257 8 00364 16074 00633 06044 28533 08863 23353 86923 257 8 00000	USB	(AB)
S06s	12560	20-6	0840	Wed	464 257 8 00364 16074 00633 06044 28533 08863 23353 86923 257 8 00000	USB	(AB)
S06s	14580	20-6	1000	Wed	729 458 6 96873 07565 76264 33183 56656 27569 458 6 00000	USB	(AB)
S06s	16020	20-6	1010	Wed	729 458 6 96873 07565 76264 33183 56656 27569 458 6 00000	USB	(AB)
S06s	13145	21-6	1200	Thu	425 897 6 31502 33886 33334 32917 37524 36615 897 6 00000	USB	(AB/MPJ)
S06s	14535	21-6	1210	Thu	425 897 6 31502 33886 33334 32917 37524 36615 897 6 00000	USB	(AB/MPJ)
S06s	6844	22-6	0900	Fri	624 871 5 46062 68672 96478 39685 30485 871 5 00000	USB	(AB)
S06s	7161	22-6	0910	Fri	624 871 5 46062 68672 96478 39685 30485 871 5 00000	USB	(AB)
S06s	10290	22-6	0930	Fri	516 243 7 52401 63919 92699 14600 74248 49754 65125 243 7 00000	USB	(AB/MPJ-HOL)
S06s	9655	22-6	0940	Fri	516 243 7 52401 63919 92699 14600 74248 49754 65125 243 7 00000	USB	(AB/MPJ-HOL)
S06s	8222.1	25-6	0830	Mon	371 920 5 33584 40385 46170 43306 37796 920 5 00000 (wrong freq, should be 8221 kHz)	USB	(AB)
S06s	9353	25-6	0840	Mon	371 920 5 33584 40385 46170 43306 37796 920 5 00000	USB	(AB)
S06s	16380	25-6	0900	Mon	872 469 5 45504 44439 37631 37158 89898 469 5 00000	USB	(AB)
S06s	14835	25-6	0910	Mon	872 469 5 45504 44439 37631 37158 89898 469 5 00000	USB	(AB)
S06s	10230	25-6	1200	Mon	831 972 5 46280 83060 43879 40606 38366 972 5 00000	USB	(AB/MPJ)
S06s	12165	25-6	1210	Mon	831 972 5 46280 83060 43879 40606 38366 972 5 00000	USB	(AB/MPJ)
S06s	15945	26-6	0600	Tue	438 957 6 42990 33000 32968 35332 36880 33582 957 6 00000	USB	(AB-UKR)
S06s	16945	26-6	0610	Tue	438 957 6 42990 33000 32968 35332 36880 33582 957 6 00000	USB	(AB-UKR)
S06s	5430	26-6	0700	Tue	374 219 5 33640 38293 43330 32403 88334 219 5 00000	USB	(AB-POL)
S06s	6780	26-6	0715	Tue	374 219 5 33640 38293 43330 32403 88334 219 5 00000	USB	(AB)
S06s	7365	26-6	0730	Tue	427 806 5 46062 68672 97078 39685 30485 806 5 00000	USB	(AB)
S06s	11655	26-6	0740	Tue	427 806 5 46062 68672 97078 39685 30485 806 5 00000	USB	(AB)
S06s	14373	26-6	0800	Tue	352 418 6 96632 52537 53317 06675 41736 21767 418 6 00000	USB	(AB)
S06s	12935	26-6	0810	Tue	352 418 6 96632 52537 53317 06675 41736 21767 418 6 00000	USB	(AB)
S06s	4820	26-6	1000	Tue	893 204 5 52401 63919 92699 14600 74248 204 5 00000	USB	(AB-POL)
S06s	5660	26-6	1000	Tue	893 204 5 52401 63919 92699 14600 74248 204 5 00000	USB	(AB-POL)
S06s	6810	26-6	1100	Tue	754 923 6 33796 13577 74526 46647 79302 53516 923 6 00000	USB	(AB-POL/MPJ)
S06s	7560	26-6	1110	Tue	754 923 6 33796 13577 74526 46647 79302 53516 923 6 00000	USB	(AB-POL/MPJ)
S06s	6766	26-6	1500	Tue	537 842 6 88620 58069 61732 74537 57440 20597 842 6 00000	USB	(AB-AUT)
S06s	7744	26-6	1510	Tue	537 842 6 88620 58069 61732 74537 57440 20597 842 6 00000	USB	(AB/MPJ)
S06s	12110	27-6	0730	Wed	745 263 8 07931 98755 84636 45752 64655 58202 44206 29464 263 8 00000	USB	(AB)

S06s	14977	27-6	0740	Wed	745 263 8 07931 98755 84636 45752 64655 58202 44206 29464 263 8 00000	USB	(AB)
S06s	9485	27-6	0820	Wed	471 865 9 88443 36772 98493 36340 32048 34338 30085 40901 34341 865 9 00000	USB	(AB)
S06s	11085	27-6	0830	Wed	471 865 9 88443 36772 98493 36340 32048 34338 30085 40901 34341 865 9 00000	USB	(AB)
S06s	11565	27-6	0830	Wed	464 257 8 00364 16074 00633 06044 28533 08863 23353 86923 257 8 00000	USB	(AB)
S06s	12560	27-6	0840	Wed	464 257 8 00364 16074 00633 06044 28533 08863 23353 86923 257 8 00000	USB	(AB)
S06s	14580	27-6	1000	Wed	729 458 6 96873 07565 76264 33183 56656 27569 458 6 00000	USB	(AB/MPJ)
S06s	16020	27-6	1010	Wed	729 458 6 96873 07565 76264 33183 56656 27569 458 6 00000	USB	(AB/MPJ)
S06s	9255	28-6	0930	Thu	314 908 5 93099 36580 48096 43306 37796 908 5 00000	USB	(AB)
S06s	10325	28-6	0940	Thu	314 908 5 93099 36580 48096 43306 37796 908 5 00000	USB	(AB)
S06s	13145	28-6	1200	Thu	425 897 6 31502 33886 33334 32917 37524 36615 897 6 00000	USB	(AB/MPJ)
S06s	14535	28-6	1210	Thu	425 897 6 31502 33886 33334 32917 37524 36615 897 6 00000	USB	(AB/MPJ)
S06s	6844	29-6	0900	Fri	624 624 624 00000	USB	(AB)
S06s	7161	29-6	0910	Fri	624 624 624 00000	USB	(AB)
S06s	10290	29-6	0930	Fri	516 516 516 00000	USB	(AB)
S06s	9655	29-6	0940	Fri	516 516 516 00000	USB	(AB)
S11a	4870	1-6	1955	Fri	373/00	USB	(AB)
S11a	11092	2-6	1540	Sat	567/00	USB	(MPJ-HOL)
S11a	12457	2-6	1850	Sat	284/00	USB	(AB)
S11a	5737	3-6	2050	Sun	481/00	USB	(AB)
S11a	8800	5-6	1020	Tue	422/00	USB	(MPJ)
S11a	11092	6-6	1540	Wed	566/37 95728 33000 16828 ... 96625 38736 53704 (message repeated) Konets. No "Vnimanije"	USB	(MPJ)
S11a	12457	6-6	1850	Wed	287/37 ... No "Vnimanije"	USB	(AB/MPJ)
S11a	4870	6-6	1955	Wed	378/00	USB	(AB)
S11a	5737	6-6	2050	Wed	486/39 Vnimanije 44877 04074 00353 ... 26845 83592 12866 Vnimanije (message repeated) Konets	USB	(AB)
S11a	8800	8-6	1020	Fri	426/00	USB	(MPJ)
S11a	4870	8-6	1955	Fri	372/00	USB	(AB)
S11a	11092	9-6	1540	Sat	566/37 95728 33000 16828 ... 96625 38736 53704 (message repeated) Konets. No "Vnimanije"	USB	(AB/MPJ)
S11a	12457	9-6	1850	Sat	287/37 .... No "Vnimanije"	USB	(AB)
S11a	5737	10-6	2050	Sun	486/39 Vnimanije 44877 04074 00353 ... 26845 83592 12866 Vnimanije (message repeated) Konets	USB	(AB)
S11a	10210	11-6	1015	Mon	471/30 Vnimanije 99194 20008 32691 ... 16918 44984 12555 Vnimanije (message repeated) Konets	USB	(AB)
S11a	5149	12-6	0455	Tue	429/36 .... ??? barely audible	USB	(AB)
S11a	17378	12-6	0735	Tue	380/00	USB	(AB)
S11a	8800	12-6	1020	Tue	426/35 Vnimanije 91153 16710 67001 ... 77129 53551 41977 Vnimanije (message repeated) Konets	USB	(AB/AnEur)
S11a	11092	13-6	1540	Wed	561/00	USB	(AB/MPJ)
S11a	12457	13-6	1850	Wed	281/00	USB	(AB/MPJ)
S11a	4870	13-6	1955	Wed	379/00	USB	(AB)
S11a	5737	13-6	2050	Wed	485/00	USB	(AB)
S11a	8800	15-6	1020	Fri	426/35 Vnimanije 91153 16710 67001 ... 77129 53551 41977 Vnimanije (message repeated) Konets	USB	(AB)
S11a	4870	15-6	1955	Fri	379/00	USB	(AB)
S11a	11092	16-6	1540	Sat	565/00	USB	(AB/MPJ)



<b>S11a</b>	12457	16-6	1850	Sat	282/00	USB	(AB)
<b>S11a</b>	5737	17-6	2050	Sun	481/00	USB	(AB)
<b>S11a</b>	10210	18-6	1015	Mon	479/00	USB	(AB)
<b>S11a</b>	5149	19-6	0455	Tue	420/00	USB	(AB)
<b>S11a</b>	17378	19-6	0735	Tue	380/00	USB	(AB-AUT)
<b>S11a</b>	8800	19-6	1020	Tue	422/00	USB	(AB)
<b>S11a</b>	11092	20-6	1540	Wed	567/00	USB	(AB)
<b>S11a</b>	12457	20-6	1850	Wed	286/00	USB	(AB/MPJ)
<b>S11a</b>	4870	20-6	1955	Wed	377/32 91023 90847 88581 ... 27445 74443 05765 (message repeated) Konets. No "Vnimaniye"	USB	(AB)
<b>S11a</b>	5737	20-6	2050	Wed	486/33 37254 13605 26157 ... 76275 32467 00409 (message repeated) Konets. No "Vnimaniye"	USB	(AB)
<b>S11a</b>	10210	21-6	1015	Thu	472/00	USB	(AB)
<b>S11a</b>	5941	22-6	0455	Fri	326/00	USB	(AB)
<b>S11a</b>	8800	22-6	1020	Fri	429/00	USB	(AB/MPJ)
<b>S11a</b>	4870	22-6	1955	Fri	377/32 91023 90847 88581 ... 27445 74443 05765 (message repeated) Konets. No "Vnimaniye"	USB	(AB)
<b>S11a</b>	11092	23-6	1540	Sat	569/00	USB	(AB/MPJ)
<b>S11a</b>	12457	23-6	1850	Sat	285/00	USB	(AB)
<b>S11a</b>	5737	24-6	2050	Sun	486/33 37254 13605 26157 ... 76275 32467 00409 (message repeated) Konets. No "Vnimaniye"	USB	(AB)
<b>S11a</b>	10210	25-6	1015	Mon	479/00	USB	(AB)
<b>S11a</b>	5149	26-6	0455	Tue	328/00	USB	(AB)
<b>S11a</b>	17378	26-6	0735	Tue	385/34 70142 57031 81416 ... 04105 62651 12524 (message repeated) Konets. No "Vnimaniye"	USB	(AB)
<b>S11a</b>	8800	26-6	1020	Tue	429/00	USB	(AB)
<b>S11a</b>	11092	27-6	1540	Wed	565/00	USB	(AB/MPJ)
<b>S11a</b>	12457	27-6	1850	Wed	287/00	USB	(AB/MPJ)
<b>S11a</b>	5737	27-6	2050	Wed	485/00	USB	(AB)
<b>S11a</b>	17378	28-6	0735	Thu	385/34 70142 57031 81416 ... 04105 62651 12524 (message repeated) Konets. No "Vnimaniye"	USB	(AB)
<b>S11a</b>	10210	28-6	1015	Thu	472/00	USB	(AB)
<b>S11a</b>	5941	29-6	0455	Fri	325/00	USB	(AB)
<b>S11a</b>	8800	29-6	1020	Fri	421/00	USB	(AB/MPJ)
<b>S11a</b>	4870	29-6	1955	Fri	373/00	USB	(AB)
<b>S11a</b>	11092	30-6	1540	Sat	560/00	USB	(AB/MPJ)
<b>S11a</b>	12457	30-6	1850	Sat	286/00	USB	(AB)
<b>S28</b>	4625	25-6	1040	Mon	Message	USB	(AB-POL)
<b>UM10</b>	3525	3-6	1757	Sun	10-minutes net: QK4S //4310 kHz	CW	(JPL-Sib)
<b>UM10</b>	4310	3-6	1757	Sun	10-minutes net: QK4S //3525 kHz	CW	(JPL-Sib)
<b>UM10</b>	5860	5-6	0805	Tue	10-minutes net: MIBH (new callsign)	CW	(JPL-J)
<b>UM10</b>	5755	7-6	0749	Thu	10-minutes net: NTQN //6776 kHz	CW	(JPL-Sib)
<b>UM10</b>	6776	7-6	0749	Thu	10-minutes net: NTQN //5755 kHz	CW	(JPL-Sib)
<b>UM10</b>	3280	13-6	1246	Wed	10-minutes net: HUU4	CW	(F5JBR)
<b>UM10</b>	4310	13-6	1326	Wed	10-minutes net: QK4S	CW	(F5JBR)
<b>UM10</b>	3525	14-6	1059	Thu	10-minutes net: QK4S //4310 kHz	CW	(JPL-Sib)

UM10	4310	14-6	1059	Thu	10-minutes net: QK4S //3525 kHz	CW	(JPL-Sib)
UM10	3280	15-6	1220	Fri	10-minutes net: HUU4	CW	(JPL-Sib)
UM10	3525	15-6	1220	Fri	10-minutes net: QK4S //4310 kHz	CW	(JPL-Sib)
UM10	4310	15-6	1220	Fri	10-minutes net: QK4S //3525 kHz	CW	(JPL-Sib)
UM10	3279	16-6	1850	Sat	10 minutes net: HUU4	CW	(JPL-CHN)
UM10	3280	19-6	1846	Tue	10-minutes net: HUU4	CW	(JPL-Sib)
UM10	3525	20-6	1326	Wed	10-minutes station: QK4S	CW	(F5JBR-J)
UM10	3525	20-6	1326	Wed	10-minutes net: QK4S //4310 kHz	CW	(F5JBR-J)
UM10	4310	20-6	1326	Wed	10-minutes net: QK4S //3525 kHz	CW	(F5JBR-J)
UM10	4310	27-6	0846	Wed	10-minutes net: NTQN //5755 kHz	CW	(F5JBR-J)
UM10	5755	27-6	0846	Wed	10-minutes net: NTQN //4310 kHz	CW	(F5JBR-J)
UM10	5755	29-6	0915	Fri	10-minutes net: NTQN //6776 kHz	CW	(F5JBR-J)
UM10	6776	29-6	0915	Fri	10-minutes net: NTQN //5755 kHz	CW	(F5JBR-J)
V07	13563	10-6	0700	Sun	512 512 512 000	USB	(SDX)
V07	12163	10-6	0720	Sun	512 512 512 000	USB	(SDX)
V07	13563	17-6	0700	Sun	512 ... message	USB	(SDX)
V07	12163	17-6	0720	Sun	512 ... message	USB	(SDX)
V07	10263	17-6	0740	Sun	512 ... message with a Russian popsong in the background	USB	(Avare/SDX)
V07	10263	17-6	0740	Sun	512 ... message with a Russian popsong in the background	USB	(Avare)
V07	13563	24-6	0700	Sun	512 512 512 000	USB	(HFD-USA)
V07	12163	24-6	0720	Sun	512 512 512 000	USB	(Dan/HFD-USA)
V13	16257	4-6	0100	Mon	New Star Broadcasting	AM	(BW3-J)
V24	6310	8-6	1530	Fri	Music followed by a message in Korean	AM	(AB-J)
V24	5900	15-6	1600	Fri	Popmusic followed by a message in Korean	AM	(AB-J/CM2)
V24	5900	22-6	1600	Fri	Popmusic followed by a message in Korean	AM	(AB-J)
V24	4900	23-6	1530	Sat	V24 mixing with Voice of Straight. Popsong followed by a message in Korean	AM	(MDK2)
V24	4900	27-6	1530	Wed	V24 mixing with Voice of Straight. Popsong followed by a message in Korean	AM	(MDK2)
V26	4364	8-6	1130	Fri	Callup in Chinese. Female operator //8063	USB	(JPL)
V26	8073	8-6	1130	Fri	Callup in Chinese. Female operator //4364	USB	(JPL)
V26	4243	8-6	1200	Fri	Messages in Chinese. Female operator //9054	USB	(JPL)
V26	9054	8-6	1200	Fri	Messages in Chinese. Female operator //4243	USB	(JPL)
V28	3050	1-6	1000	Fri	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	3336	1-6	1000	Fri	Parrot. Messages in Korean. Male operator	AM	(HK)
V28	3518	1-6	1000	Fri	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	2936	1-6	1002	Fri	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	2937	3-6	1006	Sun	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	3000	3-6	1006	Sun	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	3049	3-6	1006	Sun	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	3518	3-6	1006	Sun	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	3518	17-6	1000	Sun	Parrot. Messages in Korean. Female operator	AM	(HK)



<b>V28</b>	2931	17-6	1002	Sun	Parrot. Messages in Korean	AM	(HK)
<b>V28</b>	3518	28-6	1000	Thu	Parrot. Message in Korean. Female operator	AM	(HK)
<b>V28</b>	2935	28-6	1007	Thu	Parrot. Message in Korean. Female operator	AM	(HK)
<b>VC01</b>	4203	3-6	2145	Sun	Chinese Robot i.p.	USB	(BW3-J)
<b>VC01</b>	8012	5-6	0318	Tue	Chinese Robot i.p.	USB	(BW3-J)
<b>VC01</b>	3495	18-6	1546	Mon	Chinese Robot i.p.	USB	(BW3-J)
<b>VC01</b>	3495	20-6	1020	Wed	Chinese Robot i.p.	USB	(Phi-CHN)
<b>VC01</b>	4235	20-6	1020	Wed	Chinese Robot i.p.	LSB	(Phi-CHN)
<b>VC01</b>	4225	22-6	1644	Fri	Chinese Robot i.p.	LSB	(AB-CHN)
<b>VC01</b>	7083	22-6	1644	Fri	Chinese Robot i.p.	USB	(AB-CHN)
<b>VC01</b>	4225	25-6	1638	Mon	Chinese Robot i.p.	LSB	(BW3-J)
<b>VC01</b>	3495	25-6	1640	Mon	Chinese Robot i.p.	USB	(BW3-J)
<b>VC01</b>	4225	29-6	1921	Fri	Chinese Robot i.p.	LSB	(BW3-J)
<b>VC01</b>	3495	29-6	1922	Fri	Chinese Robot i.p.	USB	(BW3-J)
<b>VCO1</b>	3495	21-6	1518	Thu	Chinese Robot i.p.	USB	(BW3-J)
<b>VCO1</b>	3806	21-6	1546	Thu	Chinese Robot i.p.	USB	(BW3-J)
<b>X06</b>	14570	1-6	0827	Fri	Sequence: 324615	MFSK-6	(Danix)
<b>X06</b>	18750	4-6	0736	Mon	Sequence: 641523	MFSK-6	(Danix)
<b>X06</b>	20675	4-6	0805	Mon	Sequence: 641523	MFSK-6	(Danix)
<b>X06</b>	13524	5-6	0758	Tue	Sequence: 125643	MFSK-6	(ES-HOL)
<b>X06</b>	14405	6-6	0651	Wed	Mazielka	MFSK-6	(F5JBR)
<b>X06</b>	14650	6-6	1130	Wed	Sequence: 215346	MFSK-6	(Danix)
<b>X06</b>	17468	7-6	0642	Thu	Sequence: 436512	MFSK-6	(Danix)
<b>X06</b>	14655	13-6	0759	Wed	Sequence: 164253	MFSK-6	(Danix)
<b>X06</b>	12120	13-6	0805	Wed	Sequence: 164253	MFSK-6	(Danix)
<b>X06</b>	11153	13-6	0809	Wed	Sequence: 465132 i/p	MFSK-6	(Danix)
<b>X06</b>	15879	13-6	1035	Wed	Sequence: 621543 (-200 Hz off freq)	MFSK-6	(Danix)
<b>X06</b>	11126	13-6	1053	Wed	Sequence: 621543 (-200 Hz off freq)	MFSK-6	(Danix)
<b>X06</b>	18660	13-6	1058	Wed	Sequence: 621543 (error now fixed)	MFSK-6	(Danix)
<b>X06</b>	13506	14-6	0942	Thu	Sequence: 164532	MFSK-6	(Danix)
<b>X06</b>	13441	14-6	1410	Thu	Sequence: 164253	MFSK-6	(Danix)
<b>X06</b>	10214	14-6	1418	Thu	Sequence: 164253	MFSK-6	(Danix)
<b>X06</b>	14615	19-6	0753	Tue	Sequence: 125643	MFSK-6	(Danix)
<b>X06</b>	13401	19-6	0834	Tue	Sequence: 154263	MFSK-6	(Danix)
<b>X06</b>	12094	19-6	0958	Tue	Sequence: 324615	MFSK-6	(Danix)
<b>X06</b>	12177	22-6	0834	Fri	Sequence: 356412	MFSK-6	(Danix)
<b>X06</b>	16117	25-6	1336	Mon	Mazielka before M12. Carrier that lasts the length of a X06 sequence.	CW	(AB)
<b>X06</b>	18660	27-6	1034	Wed	Sequence: 621543	MFSK-6	(Danix)
<b>X06</b>	12126	28-6	0757	Thu	Sequence: 521634	MFSK-6	(Danix)
<b>X06</b>	14419	28-6	0810	Thu	Sequence: 521634	MFSK-6	(Danix)

<b>X06</b>	11462	29-6	0942	Fri	Sequence: 165423	MFSK-6	(Danix)
<b>X06</b>	12213	29-6	1001	Fri	Sequence: 615243	MFSK-6	(Danix)
<b>X06b</b>	16167	8-6	1948	Fri	Sequence: 111666	MFSK-6	(Dan)
<b>X06b</b>	14663	8-6	1950	Fri	Sequence: 111666	MFSK-6	(Dan)
<b>X06b</b>	14663	8-6	1951	Fri	Sequence: 616111	MFSK-6	(Dan)
<b>X06b</b>	16167	8-6	1952	Fri	Sequence: 616111	MFSK-6	(Dan)
<b>X06b</b>	13527	16-6	0829	Sat	Sequence: 111666 before XPA2	MFSK-6	(AB)
<b>X06b</b>	14738	17-6	1959	Sun	Sequence: 111666 before XPA2	MFSK-6	(Dan)
<b>X06b</b>	14738	17-6	2006	Sun	Sequence: 111666 before XPA2	MFSK-6	(Dan)
<b>X06b</b>	14663	23-6	1924	Sat	Sequence: 111666 before XPA2	MFSK-6	(Dan)
<b>X06b</b>	16167	23-6	1929	Sat	Sequence: 111666 before XPA2	MFSK-6	(Dan)
<b>X06b</b>	14663	30-6	2044	Sat	Sequence: 111666 before XPA2	MFSK-6	(Dan)
<b>X06b</b>	16167	30-6	2045	Sat	Sequence: 111666 before XPA2	MFSK-6	(Dan)
<b>X06b</b>	14663	30-6	2047	Sat	Sequence: 111666 before XPA2	MFSK-6	(Dan)
<b>X06b</b>	16167	30-6	2052	Sat	Sequence: 111666 before XPA2	MFSK-6	(Dan)
<b>X06b</b>	16167	30-6	2054	Sat	Sequence: 111666 before XPA2	MFSK-6	(Dan)
<b>XPA</b>	11409	4-6	0600	Mon	456 456 456 1 00138 00071 68994 ... 63460 69114 15322	MFSK-20/10Bd	(AnEur/HFD)
<b>XPA</b>	13509	4-6	0620	Mon	456 456 456 1 00138 00071 68994 ... 63460 69114 15322	MFSK-20/10Bd	(AnEur/HFD)
<b>XPA</b>	14609	4-6	0640	Mon	456 456 456 1 00138 00071 68994 ... 63460 69114 15322	MFSK-20/10Bd	(AnEur/HFD)
<b>XPA</b>	11409	6-6	0600	Wed	456 456 456 1 00138 00071 68994 ... 63460 69114 15322	MFSK-20/10Bd	(AB)
<b>XPA</b>	13509	6-6	0620	Wed	456 456 456 1 00138 00071 68994 ... 63460 69114 15322	MFSK-20/10Bd	(AB)
<b>XPA</b>	14609	6-6	0640	Wed	456 456 456 1 00138 00071 68994 ... 63460 69114 15322	MFSK-20/10Bd	(AB)
<b>XPA</b>	11409	11-6	0600	Mon	456 456 456 000 08786 00001 00000 37670	MFSK-20/10Bd	(AB)
<b>XPA</b>	13509	11-6	0620	Mon	456 456 456 000 08786 00001 00000 37670	MFSK-20/10Bd	(AB)
<b>XPA</b>	14609	11-6	0640	Mon	456 456 456 000 08786 00001 00000 37670	MFSK-20/10Bd	(AB)
<b>XPA</b>	11409	13-6	0600	Wed	456 456 456 000 01427 00001 00000 36653	MFSK-20/10Bd	(AB)
<b>XPA</b>	13509	13-6	0620	Wed	456 456 456 000 01427 00001 00000 36653	MFSK-20/10Bd	(AB)
<b>XPA</b>	14609	13-6	0640	Wed	456 456 456 000 01427 00001 00000 36653	MFSK-20/10Bd	(AB)
<b>XPA</b>	11409	18-6	0600	Mon	456 456 456 1 02113 00059 19505 ... 18758 29149 72455	MFSK-20/10Bd	(AB)
<b>XPA</b>	13509	18-6	0620	Mon	456 456 456 1 02113 00059 19505 ... 18758 29149 72455	MFSK-20/10Bd	(AB)
<b>XPA</b>	14609	18-6	0640	Mon	456 456 456 1 02113 00059 19505 ... 18758 29149 72455	MFSK-20/10Bd	(AB)
<b>XPA</b>	11409	20-6	0600	Wed	456 456 456 1 02113 00059 19505 ... 18758 29149 72455	MFSK-20/10Bd	(AB)
<b>XPA</b>	13509	20-6	0620	Wed	456 456 456 1 02113 00059 19505 ... 18758 29149 72455	MFSK-20/10Bd	(AB)
<b>XPA</b>	14609	20-6	0640	Wed	456 456 456 1 02113 00059 19505 ... 18758 29149 72455	MFSK-20/10Bd	(AB)
<b>XPA</b>	11409	25-6	0600	Mon	456 456 456 000 04123 00001 00000 33256	MFSK-20/10Bd	(AB)
<b>XPA</b>	13509	25-6	0620	Mon	456 456 456 000 04123 00001 00000 33256	MFSK-20/10Bd	(AB)
<b>XPA</b>	14609	25-6	0640	Mon	456 456 456 000 04123 00001 00000 33256	MFSK-20/10Bd	(AB)
<b>XPA</b>	11409	27-6	0600	Wed	456 456 456 000 08514 00001 00000 35661	MFSK-20/10Bd	(AB)
<b>XPA</b>	13509	27-6	0620	Wed	456 456 456 000 08514 00001 00000 35661	MFSK-20/10Bd	(AB)
<b>XPA</b>	14609	27-6	0640	Wed	456 456 456 000 08514 00001 00000 35661	MFSK-20/10Bd	(AB)

XPA2	16167	1-6	2100	Fri	06072 00107 33669 ... 67489 83431 55065	MFSK-16/20Bd	(AB)
XPA2	14663	1-6	2120	Fri	06072 00107 33669 ... 67489 83431 55065	MFSK-16/20Bd	(AB)
XPA2	13923	1-6	2140	Fri	06072 00107 33669 ... 67489 83431 55065	MFSK-16/20Bd	(AB)
XPA2	16167	2-6	2100	Sat	06072 00107 33669 ... 67489 83431 55065	MFSK-16/20Bd	(AB)
XPA2	14663	2-6	2120	Sat	06072 00107 33669 ... 67489 83431 55065	MFSK-16/20Bd	(AB)
XPA2	13923	2-6	2140	Sat	06072 00107 33669 ... 67489 83431 55065	MFSK-16/20Bd	(AB)
XPA2	14738	3-6	2100	Sun	07713 00001 00000 36260	MFSK-16/20Bd	(AB/HFD)
XPA2	13438	3-6	2120	Sun	07713 00001 00000 36260	MFSK-16/20Bd	(AB/HFD)
XPA2	12138	3-6	2140	Sun	07713 00001 00000 36260	MFSK-16/20Bd	(AB/HFD)
XPA2	10324	4-6	0702	Mon	i.p. 00549 00195 87359 ... 85150 17709 45605	MFSK-16/20Bd	(AB)
XPA2	11524	4-6	0723	Mon	i.p. 00549 00195 87359 ... 85150 17709 45605	MFSK-16/20Bd	(AB)
XPA2	13524	4-6	0743	Mon	i.p. 00549 00195 87359 ... 85150 17709 45605	MFSK-16/20Bd	(AB)
XPA2	14738	5-6	2100	Tue	00442 00095 23799 ... 60395 89920 33621	MFSK-16/20Bd	(AB)
XPA2	13438	5-6	2120	Tue	00442 00095 23799 ... 60395 89920 33621	MFSK-16/20Bd	(AB)
XPA2	12138	5-6	2140	Tue	00442 00095 23799 ... 60395 89920 33621	MFSK-16/20Bd	(AB)
XPA2	10324	6-6	0700	Wed	00549 00195 87359 ... 85150 17709 45605	MFSK-16/20Bd	(AB/HFD)
XPA2	11524	6-6	0720	Wed	00549 00195 87359 ... 85150 17709 45605	MFSK-16/20Bd	(AB/HFD)
XPA2	13524	6-6	0740	Wed	00549 00195 87359 ... 85150 17709 45605	MFSK-16/20Bd	(AB/HFD)
XPA2	16167	8-6	2100	Fri	09657 00001 00000 37666	MFSK-16/20Bd	(AB)
XPA2	14663	8-6	2120	Fri	09657 00001 00000 37666	MFSK-16/20Bd	(AB)
XPA2	13923	8-6	2140	Fri	09657 00001 00000 37666	MFSK-16/20Bd	(AB)
XPA2	16167	9-6	2100	Sat	05334 00001 00000 34660	MFSK-16/20Bd	(AB/HFD)
XPA2	14663	9-6	2120	Sat	05334 00001 00000 34660	MFSK-16/20Bd	(AB/HFD)
XPA2	13923	9-6	2140	Sat	05334 00001 00000 34660	MFSK-16/20Bd	(AB/HFD)
XPA2	14738	10-6	2100	Sun	00442 00095 23799 ... 60395 89920 33621	MFSK-16/20Bd	(AB)
XPA2	13438	10-6	2120	Sun	00442 00095 23799 ... 60395 89920 33621	MFSK-16/20Bd	(AB)
XPA2	12138	10-6	2140	Sun	00442 00095 23799 ... 60395 89920 33621	MFSK-16/20Bd	(AB)
XPA2	10324	11-6	0700	Mon	05915 00001 00000 40256	MFSK-16/20Bd	(AB)
XPA2	11524	11-6	0720	Mon	05915 00001 00000 40256	MFSK-16/20Bd	(AB)
XPA2	13524	11-6	0740	Mon	05915 00001 00000 40256	MFSK-16/20Bd	(AB)
XPA2	14738	12-6	2100	Tue	03629 00001 00000 40655	MFSK-16/20Bd	(AB)
XPA2	13438	12-6	2120	Tue	03629 00001 00000 40655	MFSK-16/20Bd	(AB)
XPA2	12138	12-6	2140	Tue	03629 00001 00000 40655	MFSK-16/20Bd	(AB)
XPA2	10324	13-6	0700	Wed	03581 00001 00000 34263	MFSK-16/20Bd	(AB)
XPA2	11524	13-6	0720	Wed	03581 00001 00000 34263	MFSK-16/20Bd	(AB)
XPA2	13524	13-6	0740	Wed	03581 00001 00000 34263	MFSK-16/20Bd	(AB)
XPA2	16167	15-6	2100	Fri	00441 00137 96883 ... 60074 38598 04533	MFSK-16/20Bd	(AB/Dan)
XPA2	14663	15-6	2120	Fri	00441 00137 96883 ... 60074 38598 04533	MFSK-16/20Bd	(AB/Dan)
XPA2	13923	15-6	2140	Fri	00441 00137 96883 ... 60074 38598 04533	MFSK-16/20Bd	(AB)
XPA2	13527	16-6	0910	Sat	05509 00001 00000 40255	MFSK-16/20Bd	(AB)

XPA2	12227	16-6	0930	Sat	05509 00001 00000 40255	MFSK-16/20Bd	(AB)
XPA2	11427	16-6	0950	Sat	05509 00001 00000 40255	MFSK-16/20Bd	(AB)
XPA2	16167	16-6	2100	Sat	00441 00137 96883 ... 60074 38598 04533	MFSK-16/20Bd	(AB)
XPA2	14663	16-6	2120	Sat	00441 00137 96883 ... 60074 38598 04533	MFSK-16/20Bd	(AB)
XPA2	13923	16-6	2140	Sat	00441 00137 96883 ... 60074 38598 04533	MFSK-16/20Bd	(AB)
XPA2	14738	17-6	2100	Sun	08959 00001 00000 42255	MFSK-16/20Bd	(AB/Dan)
XPA2	13438	17-6	2120	Sun	08959 00001 00000 42255	MFSK-16/20Bd	(AB/Dan)
XPA2	12138	17-6	2140	Sun	08959 00001 00000 42255	MFSK-16/20Bd	(AB/Dan)
XPA2	10324	18-6	0700	Mon	00187 00103 27262 ... 79345 86795 04737	MFSK-16/20Bd	(AB)
XPA2	11524	18-6	0720	Mon	00187 00103 27262 ... 79345 86795 04737	MFSK-16/20Bd	(AB)
XPA2	13524	18-6	0740	Mon	00187 00103 27262 ... 79345 86795 04737	MFSK-16/20Bd	(AB)
XPA2	14738	19-6	2100	Tue	07820 00089 30926 ... 79733 96827 63207	MFSK-16/20Bd	(AB)
XPA2	13438	19-6	2120	Tue	07820 00089 30926 ... 79733 96827 63207	MFSK-16/20Bd	(AB)
XPA2	12138	19-6	2140	Tue	07820 00089 30926 ... 79733 96827 63207	MFSK-16/20Bd	(AB)
XPA2	10324	20-6	0700	Wed	00187 00103 27262 ... 79345 86795 04737	MFSK-16/20Bd	(AB)
XPA2	11524	20-6	0720	Wed	00187 00103 27262 ... 79345 86795 04737	MFSK-16/20Bd	(AB)
XPA2	13524	20-6	0740	Wed	00187 00103 27262 ... 79345 86795 04737	MFSK-16/20Bd	(AB)
XPA2	13527	21-6	0910	Thu	09343 00095 02117 ... 51038 24236 57344	MFSK-16/20Bd	(AB)
XPA2	12227	21-6	0930	Thu	09343 00095 02117 ... 51038 24236 57344	MFSK-16/20Bd	(AB)
XPA2	11427	21-6	0950	Thu	09343 00095 02117 ... 51038 24236 57344	MFSK-16/20Bd	(AB)
XPA2	16167	22-6	2100	Fri	03264 00001 00000 34261	MFSK-16/20Bd	(AB)
XPA2	14663	22-6	2120	Fri	03264 00001 00000 34261	MFSK-16/20Bd	(AB)
XPA2	13923	22-6	2140	Fri	03264 00001 00000 34261	MFSK-16/20Bd	(AB)
XPA2	13527	23-6	0910	Sat	09343 00095 02117 ... 51038 24236 57344	MFSK-16/20Bd	(AB)
XPA2	12227	23-6	0930	Sat	09343 00095 02117 ... 51038 24236 57344	MFSK-16/20Bd	(AB)
XPA2	11427	23-6	0950	Sat	09343 00095 02117 ... 51038 24236 57344	MFSK-16/20Bd	(AB)
XPA2	16167	23-6	2100	Sat	09873 00001 00000 36670	MFSK-16/20Bd	(AB/Dan)
XPA2	14663	23-6	2120	Sat	09873 00001 00000 36670	MFSK-16/20Bd	(AB/Dan)
XPA2	13923	23-6	2140	Sat	09873 00001 00000 36670	MFSK-16/20Bd	(AB)
XPA2	14738	24-6	2100	Sun	07820 00089 30926 ... 79733 96827 63207	MFSK-16/20Bd	(AB/Dan)
XPA2	13438	24-6	2120	Sun	07820 00089 30926 ... 79733 96827 63207	MFSK-16/20Bd	(AB/Dan)
XPA2	12138	24-6	2140	Sun	07820 00089 30926 ... 79733 96827 63207	MFSK-16/20Bd	(AB)
XPA2	10324	25-6	0700	Mon	03725 00001 00000 37255	MFSK-16/20Bd	(AB)
XPA2	11524	25-6	0720	Mon	03725 00001 00000 37255	MFSK-16/20Bd	(AB)
XPA2	13524	25-6	0740	Mon	03725 00001 00000 37255	MFSK-16/20Bd	(AB)
XPA2	14738	26-6	2100	Tue	03301 00001 00000 33253	MFSK-16/20Bd	(AnEur)
XPA2	13438	26-6	2120	Tue	03301 00001 00000 33253	MFSK-16/20Bd	(AnEur)
XPA2	12138	26-6	2140	Tue	03301 00001 00000 33253	MFSK-16/20Bd	(AnEur/RL)
XPA2	10324	27-6	0700	Wed	01319 00001 00000 37252	MFSK-16/20Bd	(AB)
XPA2	11524	27-6	0720	Wed	01319 00001 00000 37252	MFSK-16/20Bd	(AB)

<b>XPA2</b>	13524	27-6	0740	Wed	01319 00001 00000 37252	MFSK-16/20Bd	(AB)
<b>XPA2</b>	13527	28-6	0910	Thu	03231 00001 00000 32656	MFSK-16/20Bd	(AB)
<b>XPA2</b>	12227	28-6	0930	Thu	03231 00001 00000 32656	MFSK-16/20Bd	(AB)
<b>XPA2</b>	11427	28-6	0950	Thu	03231 00001 00000 32656	MFSK-16/20Bd	(AB)
<b>XPA2</b>	16167	29-6	2100	Fri	00276 00091 69943 ... 93391 16433 75702	MFSK-16/20Bd	(AB/RL)
<b>XPA2</b>	14663	29-6	2120	Fri	00276 00091 69943 ... 93391 16433 75702	MFSK-16/20Bd	(AB/RL)
<b>XPA2</b>	13923	29-6	2140	Fri	00276 00091 69943 ... 93391 16433 75702	MFSK-16/20Bd	(AB)
<b>XPA2</b>	13527	30-6	0910	Sat	01083 00001 00000 32661	MFSK-16/20Bd	(AB)
<b>XPA2</b>	12227	30-6	0930	Sat	01083 00001 00000 32661	MFSK-16/20Bd	(AB)
<b>XPA2</b>	11427	30-6	0950	Sat	01083 00001 00000 32661	MFSK-16/20Bd	(AB)
<b>XPA2</b>	16167	30-6	2100	Sat	00276 00091 69943 ... 93391 16433 75702	MFSK-16/20Bd	(AB/RL/Dan)
<b>XPA2</b>	14663	30-6	2120	Sat	00276 00091 69943 ... 93391 16433 75702	MFSK-16/20Bd	(AB/RL/Dan)
<b>XPA2</b>	13923	30-6	2140	Sat	00276 00091 69943 ... 93391 16433 75702	MFSK-16/20Bd	(AB)
<b>XSL</b>	4291	3-6	2147	Sun	Japanese Self Defense Forces signal a.k.a. slot machine	QPSK 1500	(BW3-J)

## CONTRIBUTORS

AB	Ary Boender, Netherlands	HFD-HK	Hans-Friedrich Dumrese via remote rx Hong Kong
AB-AUT	Ary Boender via remote rx Austria	HFD-RUS	Hans-Friedrich Dumrese via remote rx Russia
AB-CHN	Ary Boender via remote rx China	HFD-Sib	Hans-Friedrich Dumrese via remote rx Siberia
AB-G	Ary Boender via remote rx UK	HFD-USA	Hans-Friedrich Dumrese via remote rx USA
AB-J	Ary Boender via remote rx Japan	HK	Hiroyuki Komatsubara, Japan
AB-NZL	Ary Boender via remote rx New Zealand	JPL	JPL, NB, Canada (and various remote rx)
AB-POL	Ary Boender via remote rx Poland	JPL-CHN	JPL via remote rx China
AB-RUS	Ary Boender via remote rx Russia	JPL-J	JPL via remote rx Japan
AB-Sib	Ary Boender via remote rx Siberia	JPL-Sib	JPL via remote rx Siberia
AB-UKR	Ary Boender via remote rx Ukraine	MDK2	MDK2, USA
AnEur	Anonymous Europe	MPJ	Jim, SW England
Avare	Avare, Russia	MPJ-AUT	Jim via remote rx Austria
BW3	Barry Williams, AL, USA	MPJ-HOL	Jim via remote rx Netherlands
BW3-GRC	Barry Williams via remote rx Greece	MPJ-I	Jim via remote rx Italy
BW3-J	Barry Williams via remote rx Japan	MPJ-RUS	Jim via remote rx Russia
CM2	Chris Malboef	Phi-CHN	Philby via remote rx China
Dan	Daniel, Argentina	qsr711	QSR711
Danix	Danix111, Poland	Rizla	Rizla, AZ, USA
DK8OK	DK8OK Nils Schiffhaur, D	RL	Roberto Landolpho, Brazil
dmhz	DoktorMHZ	RP-MD	Ron Perron, MD, USA
EW	Eddy Waters, Australia	RR2	Rich Ray, IL, USA
F5JBR	F5JBR André, France	SDX	Sat Dixer
F5JBR-J	F5JBR André via remote rx Japan	skx	skeezix, MN, USA
GHn	Gary Hagermann, UK	W9SPY	Curt
HFD	Hans-Friedrich Dumrese, Germany	WP3	Wolfgang Palmberger

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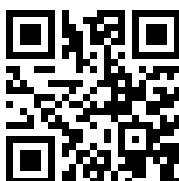
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