

27364	92836	69428	61268	74982	46498	32764	31276
40932	70987	32123	49817	26346	81287	65491	87364
75654	55656	12737	72727	72727	91918	63473	67867
87629	37677	32612	53498	71296	28756	18276	98716
76329	74698	76857	98670	27601	56701	57601	73648
87364	87265	96710	27630	12673	84769	28743	98127
63298	75698	27465	87326	49876	28376	81273	98615
87432	74328	78674	29867	32867	67867	86786	43286
68768	68763	34234	34238	68768	62342	48273	48768
98432	32432	86743	43286	43286	43286	43286	43286
86743	86743	39867	32867	86743	43286	43286	43243
86743	86743	86743	86743	86743	86743	86743	86743
98798	98754	98754	98754	98754	29867	67543	67986
87698	69876	87698	69876	87612	12341	34867	86798
43298	65656	56756	56123	32143	14321	32143	14321
58765	58765	58765	58765	58765	58765	58765	58765

# Numbers & Oddities

## a.k.a. The Spooks Newsletter

### Edition #282, March 2021

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.

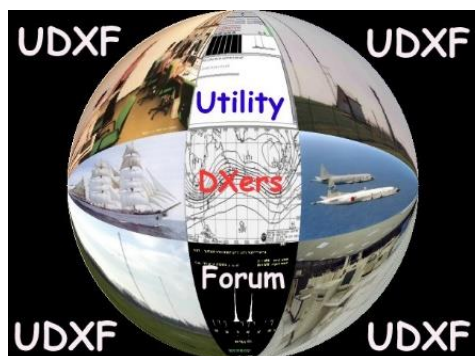


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## FOREWORD



Hi and welcome to N&O 282. After two hectic months things are slowing down a bit. COVID is still out there and spring has just begun here in the Netherlands. Let's hope that it is also the beginning of a much better time.

UDXF, the Utility Dxers Forum celebrated its 15<sup>th</sup> birthday on March 28<sup>th</sup>.

M23 returned on March 18<sup>th</sup> and the other stations were predictable as they are most of the times. There was an unpredicted S06s variant and some unexpected F06 activity in the Pacific area on 16-19 March. The station disappeared but suddenly came back again on the 29<sup>th</sup>.

I hope that you will enjoy N&O and please, keep your logs coming.

## VOICE STATIONS

### E06

**16230 kHz, 04-03/05-03, 0600 USB**

**19325 kHz, 04-03/05-03, 0700 UTC**

864 362 50

22668 25198 41517 80431 81542 44523 95209 95863 01666 00479

54325 01314 44181 18977 24373 79080 69389 20540 78055 18145

24510 27862 36833 40723 70214 67223 21722 75017 38113 24679

78019 97592 36390 42983 03646 93815 45769 70160 35777 09807

72997 95688 75480 94326 54039 35202 55011 54043 24163 49680

372 50 00000

**5186 kHz, 04-03, 2030 UTC**

891 501 20

73555 37916 86854 52599 88433 91194 37982 71162 74151 70521

40296 58769 40658 02210 60676 84837 20941 59138 09874 89703

501 20 00000

**5197 kHz, 05-03, 2130 UTC**

634 501 20

73555 37916 86854 52599 88433 91194 37982 71162 74151 70521

40296 58769 40658 02210 60676 84837 20941 59138 09874 89703

501 20 00000

**16230 kHz, 18-03/19-03, 0600 USB**

**19325 kHz, 18-03/19-03, 0700 UTC**

864 791 52

95753 82757 62816 18703 53074 09506 88979 70106 05517 11247

07338 70241 48186 36045 95893 72468 39666 10672 32816 64188

74735 72971 02023 13508 11493 76199 58633 15237 95051 76271

08966 09629 45011 37864 84772 72315 98886 20294 16403 98871

28672 29125 34583 32450 72752 44433 55487 07909 50319 61670

28810 10892

791 52 000

**10651/9151/7651 kHz, 01-03/03-03, 2000/2020/2040 UTC**

616 616 616 1 599 92 599 92  
75552 51073 26561 78048 78117 08310 13190 59643 45951 48037  
18295 46671 13415 56250 54334 95965 02943 12226 31868 15563  
06785 75544 18258 01397 71067 51217 44908 00124 07925 51543  
99461 91367 92239 06406 15954 38764 30105 42358 46971 67712  
59402 54214 45669 13156 93748 19129 56655 79054 76823 66514  
96298 34429 80208 68122 96179 47913 42747 25462 63844 46859  
70380 00947 66723 70451 69874 80649 89506 22909 13154 38953  
29257 76295 79513 42821 32412 96541 40479 14294 86610 00245  
79134 75942 68345 47676 45406 66627 51156 07092 24558 78282  
13038 71370 000 000

**16284/14854/13384 kHz, 04-03/06-03, 1410/1430/1450 UTC**

328 328 328 1 103 100 103 100  
15948 53124 90886 43597 10397 63758 76477 19592 46763 31311  
91237 40257 59581 48513 64208 40542 07483 62952 38844 73280  
87782 77592 99198 07943 06301 21547 84314 41722 46389 78566  
71078 86492 45869 16408 29716 41446 98262 42674 26627 01716  
29319 87654 49525 91771 76239 03960 41185 71598 44766 27660  
27609 04623 58757 79234 47412 48201 96484 51215 40797 21884  
49001 37239 53452 48875 15844 51784 84738 17209 76068 39984  
20445 33160 02732 26527 52331 50177 32709 12756 89121 87172  
03559 57821 01928 60408 09080 71110 29651 46924 76998 50415  
02219 22386 10074 52323 01888 57991 12150 50899 56850 21199  
000 000

**14942/16142/18042 kHz, 09-03/12-03, 0700/0720/0740 UTC**

310 310 310 1 8208 93 8208 93  
85940 99281 50008 32747 28044 75292 46589 11177 81593 26225  
92466 73638 84345 57049 92580 09820 35529 13483 64929 97201  
27404 26864 58705 84054 43633 29128 13858 07562 76293 12193  
08550 71941 99561 21704 47119 45499 46250 73781 73310 38784  
36327 52178 68361 66757 12496 54555 38550 61290 44501 53152  
16274 87650 18141 38867 84365 22050 82675 20707 18337 20430  
25463 71936 19123 86070 51373 69554 00110 79625 85852 98613  
32970 54795 19016 70571 68886 40948 71672 59688 66145 88501  
62301 16742 59825 14686 86546 33223 06951 87266 12235 30768  
63200 41780 26419 000 000

**12143/11143/10443 kHz, 13-03/20-03/27-03, 1400/1420/1440 UTC**

114 114 114 1 946 40 946 40  
22758 71845 85723 04469 65052 22273 77765 98562 34508 15605  
90576 23059 07934 70028 56235 57061 82417 12857 31457 19041  
78356 91602 02436 86753 91489 38445 42142 75122 22582 09652  
98214 42877 35685 68332 40989 72339 86641 05400 18923 39150  
000 000

**10268/11068/12168 kHz, 14-03/21-03/28-03, 0700/0720/0740 UTC**

201 201 201 1 946 40 946 40  
22758 71845 85723 04469 65052 22273 77765 98572 34508 15695  
90576 23059 07934 70028 56235 57061 82417 12857 31457 19041  
78356 91602 02436 86753 91489 38445 42142 75122 22582 09652  
98214 42877 35685 68332 40989 72339 86641 05400 18923 39150  
000 000

**10321/9121/7821 kHz, 17-03/21-03, 1800/1820/1840 UTC**

318 318 318 1 504 103 504 103  
16044 33546 79847 82328 81660 31492 17260 18753 50514 12760  
45979 16475 89751 45554 08778 94125 93748 63274 71091 35370  
72601 47414 49418 21045 18298 48581 56382 40853 48926 61464  
55189 61265 12876 33078 50921 63589 31170 15662 79318 56966  
43986 26572 52890 58741 68745 29796 84735 98910 74216 28587  
62133 25810 73540 02434 92441 55322 99947 86134 84161 17885  
84272 72886 64436 76136 09535 37165 26365 93507 28873 22831  
46831 97975 12276 73740 50163 62424 07615 82707 80936 36374  
94039 07920 22526 28980 79524 65468 60206 46720 24413 87217  
11775 95643 01217 21679 94451 46661 27828 10054 96335 59819  
35247 86609 90311 000 000

**16284/14854/13384 kHz, 18-03/20-03, 1410/1430/1450 UTC**

328 328 328 1 541 152 541 152  
81668 25339 54241 15577 76874 98358 22798 64388 11336 30846  
90697 94484 90194 48445 16524 59367 04280 00575 84730 08458  
11528 94673 68119 16414 71582 44219 56989 89874 58096 93349  
41992 10516 71123 25637 75673 82491 10014 63242 25557 07005  
98335 57903 53857 61769 07553 02936 87319 89827 57548 18704  
69491 59119 42448 14802 04224 53682 80544 64185 55943 33844  
24816 94517 67165 08335 57535 15372 36663 24465 14983 35329  
74072 57936 66987 76010 21023 55584 63858 81674 83417 60457  
58075 69661 54921 23137 78094 62060 27473 51152 25671 36636  
50383 88376 36208 39838 17615 47864 58639 71818 50114 37354  
39248 21402 41834 96859 55894 32919 32236 16507 61502 48392  
27028 92933 67063 63017 47641 82773 28978 84456 03080 19794  
32826 25395 92869 47512 70717 84949 43193 24020 20862 33595  
53189 09934 14665 54067 37298 27846 40809 11814 19432 06584  
67453 10876 01714 30436 46541 10861 24814 47717 86018 26511  
96537 69567 000 000

**14942/16142/18042 kHz, 22-03/26-03, 0700/0720/0740 UTC**

310 310 310 1 8172 88 8172 88  
74364 21188 20273 93569 23509 44789 25954 34308 79881 76894  
64867 00346 81695 47507 66908 69858 09692 91208 98444 71605  
46148 98428 55305 45099 97732 95556 33039 88036 82423 65410  
16006 52969 10909 27968 61633 44408 86154 87419 70234 30862  
12548 89306 63220 70323 07313 15152 77322 60177 48419 81005  
94706 44289 94867 12358 86128 14904 35058 74596 34977 65961  
73177 43513 61064 01619 67873 25541 83080 90663 37733 21260  
77141 95046 73392 55725 58696 07158 34094 52951 34467 51999  
73556 84774 84341 48056 11283 18067 52647 96347 000 000

**E07a****5877/5277/4577 kHz, 03-03, 2100/2120/2140 UTC**

825 825 825 1 62588 338 87 338 87  
21445 79124 90119 85232 12169 25291 30435 39977 68339 11235  
84622 09484 81872 26929 67831 13780 81391 35258 51602 07632  
75284 26382 30538 89129 90021 39039 64801 40922 30189 86308  
53581 90585 34998 29864 62093 94546 62627 39566 27459 73961  
34558 09626 14094 86926 69606 33916 45345 36210 50490 21724  
24483 85899 60978 61557 57229 16288 97382 04915 69780 58266  
01088 25572 24168 95768 62696 24446 13072 17233 23795 25423  
10381 52105 73592 16444 16255 26417 80669 18221 31071 84123  
52830 15623 48184 44286 74879 59598 82538 000 000

**6922/8122/9322 kHz, 04-03, 0530/0550/0610 UTC**

913 913 913 1 62588 338 87 338 87  
21445 79124 90119 85232 12169 25291 30435 39977 68339 11235  
84622 09484 81872 26929 67831 13780 81391 35258 51602 07632  
75284 26382 30538 89129 90021 39039 64801 40922 30189 86308  
53581 90585 34998 29864 62093 94546 62627 39566 27459 73961  
34558 09626 14094 86926 69606 33916 45345 36210 50490 21724  
24483 85899 60978 61557 57229 16288 97382 04915 69780 58266  
01088 25572 24168 95768 62696 24446 13072 17233 23795 25423  
10381 52105 73592 16444 16255 26417 80669 18221 31071 84123  
52830 15623 48184 44286 74879 59598 82538 000 000

**11473/10173/9373 kHz, 05-03, 1610/1630/1650 UTC**

413 413 413 1 63699 9360 96 9360 96  
63740 28375 14040 80726 79689 88497 60107 80660 91989 89912  
77202 07563 91666 63467 20582 26653 47950 83839 74735 20814  
54957 98959 29183 43145 62279 43317 50498 26689 69666 70008  
09513 44315 60492 62127 77819 42255 16604 47678 69965 19547  
24449 89151 31462 29238 81401 88789 17932 02254 70358 16660  
98544 96878 34780 84726 99344 64895 81285 23975 58028 66560  
01411 12819 28168 55482 98046 80046 56650 33278 55334 59631  
24130 85274 30473 64829 33641 38960 76455 63780 49205 93185  
20120 49835 99645 87552 10167 39460 33747 72675 50096 33782  
12026 00456 49008 15577 62185 20501 000 000

**11133/12133/13433 kHz, 06-03, 0900/0920/0940 UTC**

114 114 114 1 63699 9360 96 9360 96  
63740 28375 14040 80726 79689 88497 60107 80660 91989 89912  
77202 07563 91666 63467 20582 26653 47950 83839 74735 20814  
54957 98959 29183 43145 62279 43317 50498 26689 69666 70008  
09513 44315 60492 62127 77819 42255 16604 47678 69965 19547  
24449 89151 31462 29238 81401 88789 17932 02254 70358 16660  
98544 96878 34780 84726 99344 64895 81285 23975 58028 66560  
01411 12819 28168 55482 98046 80046 56650 33278 55334 59631  
24130 85274 30473 64829 33641 38960 76455 63780 49205 93185  
20120 49835 99645 87552 10167 39460 33747 72675 50096 33782  
12026 00456 49008 15577 62185 20501 000 000

***E11a***

**5371 kHz, 01-03, 0450 UTC**

**7864 kHz, 04-03, 1730 UTC**

411/40 Attention  
99101 02571 78277 22096 27263 93795 33788 96803 37259 24359  
79329 34377 75100 70563 77328 93601 34465 06761 99484 25230  
61099 15098 27451 27809 56574 91693 16246 81806 92126 75816  
63576 98763 01434 59924 18850 62723 52364 73879 38168 71832  
Attention (message repeated) Out

**7317 kHz, 01-03, 1045 UTC**

693/36 Attention  
59881 87285 98875 50577 06829 85980 14449 41024 52521 83673  
80922 65469 14371 71303 82767 54157 36202 80587 76430 87203  
28410 62021 95751 43822 76466 31961 77269 83894 25978 73448  
59843 94093 32563 67765 68815 17280  
Attention (message repeated) Out

**13470 kHz, 01-03/07-03, 1745 UTC**

242/31 Attention

46981 19537 61404 69087 99104 35667 16103 41883 04452 84372  
60061 21803 79560 83697 80937 55309 97110 93369 02515 81226  
92242 84037 02201 04801 15902 93925 07033 31726 21103 26152  
96326

Attention (message repeated) Out

**14972 kHz, 02-03/06-03, 1345 UTC**

915/36 attention

56660 31893 02231 39878 51157 13760 66278 61883 63326 79325  
19958 56720 25446 80494 76639 29550 80806 44374 43918 14786  
89626 57906 24261 87179 45820 83812 00650 45944 38811 34312  
81393 71511 67642 32568 20670 43832

Attention (message repeated) Out

**17410 kHz, 03-03/05-03, 0745 UTC**

347/40 Attention

43823 96399 84525 71187 41036 53759 66311 03070 10216 51391  
20288 49973 15897 98322 77597 11337 29926 32328 74095 85370  
91304 91216 64134 56991 38729 37665 15134 84188 18400 39520  
83097 44348 21596 84447 12495 04142 22214 80380 58820 27879

Attention (message repeated) Out

**6940 kHz, 03-03/04-03, 0930 UTC**

279/37 Attention

46728 61554 09590 87377 60793 38435 19674 93614 30488 10214  
10058 67538 01333 81544 53436 54109 27902 57832 22578 30882  
85898 96203 60245 88371 51159 89616 00706 65030 44491 80148  
86236 85195 28170 77811 23100 04979 25153

Attention (message repeated) Out

**7371 kHz, 03-03, 1045 UTC**

693/36 Attention

59881 87285 98875 50577 06929 85980 14449 41024 52521 83673  
80922 65469 14371 71303 82767 54157 36202 80587 06430 87203  
28410 62021 95751 43822 76466 31961 77269 83894 25978 73448  
59843 94093 32563 67765 68815 17280

Attention (message repeated) Out

**6923 kHz, 03-03/07-03, 1625 UTC**

970/39 Attention

20397 34461 67234 56602 57488 72536 07215 78127 15992 07062  
49665 91429 89296 78356 80614 83944 28430 85563 40738 10154  
21000 07692 87064 38781 39381 32953 85117 46921 62466 03893  
88271 35353 34191 85347 14942 01626 49805 13448 05786

Attention (message repeated) Out

**7317 kHz, 08-03/11-03, 1900 UTC**

641/31 Attention

30280 43943 35184 88804 00877 27695 55606 36263 38511 01182  
23898 34438 36773 46944 51708 26866 54472 83998 44677 03554  
53006 61654 66687 75451 14233 83984 68754 16221 99757 81626  
19283

Attention (message repeated) Out

**9963 kHz, 09-03, 0715 UTC**

634/36 Attention

35189 52767 66963 81649 76615 36818 66708 81838 49347 55882  
70167 64619 81691 67781 16360 69378 48174 98225 83422 10401  
96879 91655 38783 16347 93979 10153 99323 73955 55932 06167  
09227 58820 55034 34268 56045 24344

Attention (message repeated) Out

**19184 kHz, 09-03, 0820 UTC**

135/35 Attention

35393 90837 79429 61209 00938 39658 68043 04892 84299 62577  
41309 74211 15930 34580 38810 21094 51997 57072 56776 54860  
35477 68124 39934 22018 57682 37338 16979 72787 04439 60502  
57957 15176 71986 88793 92871

Attention (message repeated) Out

**4181 kHz, 10-03/13-03, 1910 UTC**

392/38 Attention

09507 49068 76281 03097 39153 87132 76166 53103 67883 24265  
44531 57596 29340 18312 46115 12545 57356 34018 85553 22338  
62663 35185 05958 41020 67901 21171 15391 11885 27199 56564  
88286 61337 94746 11927 07816 32177 14963 17357

Attention (message repeated) Out

**5149 kHz, 11-03/12-03, 0820 UTC**

439/32 Attention

85359 05192 26438 56267 44666 90138 67919 41007 08864 38793  
78115 57912 14476 36032 95260 35224 03159 00729 51491 53945  
70104 97164 59257 94489 45316 65792 11880 05366 15321 47390  
78459 23388

Attention (message repeated) Out

**9963 kHz, 12-03, 0715 UTC**

634/36 Attention

35189 52767 66963 81649 76615 36818 66708 81838 49347 55882  
70167 64619 81691 67781 16360 69378 48174 98225 83422 10401  
86879 91655 38783 16347 93979 10153 99323 73955 55932 06167  
09227 58820 55034 34268 56045 24344

Attention (message repeated) Out

**12153 kHz, 12-03, 0830 UTC**

180/37 Attention

66586 39009 86057 53409 70706 02146 38490 36818 44970 81602  
16977 93158 71095 63536 63307 35511 88658 65587 77292 57317  
22421 69625 76438 98519 73698 28306 56787 13771 89829 45329  
11824 33345 74102 39883 89982 20482 72475

Attention (message repeated) Out

**8530 kHz, 12-03/14-03, 1910 UTC**

612/37 Attention

42325 33333 00954 24322 91996 32190 76678 08622 53827 45478  
46295 42428 98712 27431 67170 07545 50410 69632 96485 68377  
84022 94436 99462 22614 14187 63481 43300 14229 68697 62629  
06854 18407 12910 53692 79977 50327 85030

Attention (message repeated) Out

**5371 kHz, 13-03/14-03, 0805 UTC**

312/38 Attention

06149 66517 81720 78928 44807 26830 10663 55464 72022 05757  
45316 21312 97468 55465 07776 22689 87029 34237 05996 70474  
16428 26086 38182 30125 73413 55334 02681 61503 51423 34093  
09681 81588 36626 48792 48557 86482 70584 91212

Attention (message repeated) Out

**10213 kHz, 15-03/18-03, 0745 UTC**

268/34 Attention

68386 34684 42567 80210 76423 67174 38072 98454 47910 95769  
25978 95320 20746 49197 46217 80558 08341 13797 62020 45795  
10682 79787 70715 88718 89528 68309 63105 67431 82010 43755  
71511 18754 47332 67638

Attention (message repeated) Out



**8180 kHz,15-03/17-03, 0900 UTC**

532/35 Attention

67556 63848 28919 97856 72815 72684 42185 00189 09371 72918  
10246 56526 21791 82699 99764 11067 13710 53799 53626 07714  
67447 29554 98682 97488 25515 47287 85349 14240 55165 42372  
13437 87012 06477 76516 21982  
Attention (message repeated) Out

**10800 kHz, 16-03/18-03, 0645 UTC**

519/37 Attention

75728 83311 55286 18084 19863 86312 55729 89164 94629 13687  
11468 28685 58370 79598 43488 70563 38830 72509 54594 14121  
41090 30185 09250 67001 03361 31452 40227 46265 41431 90479  
37714 19610 61951 59185 09148 50410 62906  
Attention (message repeated) Out

**8180 kHz, 16-03/19-03, 0700 UTC**

579/31 Attention

33377 46338 18182 35522 56705 88724 24709 54694 67680 86254  
11094 62909 28248 97541 41878 86056 66545 77017 69694 57264  
16454 14746 59195 96000 74813 77918 78665 06339 77393 62579  
43553  
Attention (message repeated) Out

**12530 kHz, 16-03/18-03, 1230 UTC**

335/39 Attention

79369 32455 52354 29045 66621 17596 18148 91719 14346 03634  
20252 89365 09553 11716 46891 53179 47174 22476 31585 26476  
41020 40824 83175 34703 63942 00957 64206 90415 69515 68340  
15364 62586 80364 91855 81612 53200 42668 00620 68512  
Attention (message repeated) Out

**5082 kHz, 16-03/21-03, 1605 UTC**

237/37 Attention

44053 48659 85567 48683 90781 59509 35528 30902 42226 01263  
20626 02625 13636 12027 89210 48173 60418 88467 85880 11710  
20882 23402 36464 21273 37622 09291 48426 31659 46107 18264  
13546 76259 61730 93772 53432 31549 58927  
Attention (message repeated) Out

**8102 kHz, 20-03/21-03, 0710 UTC**

498/32 Attention

66200 00923 74003 73317 29157 66101 17107 36893 16343 42256  
54036 91006 35618 84434 65490 41057 96728 51277 83504 26547  
02533 42801 51371 58011 74576 15236 80372 98798 41153 04720  
99881 99153  
Attention (message repeated) Out

**4505 kHz, 20-03/21-03, 1530 UTC**

365/37 Attention

60434 63437 33856 21830 51050 19010 58413 29338 70148 71149  
56966 04828 42322 96804 29416 92827 17248 14800 86840 64782  
74413 15105 48109 96862 80467 23165 61808 30462 72486 90227  
11634 96028 70209 59328 93466 32327 77009  
Attention (message repeated) Out

**12202 kHz, 22-03/24-03, 0845 UTC**

715/40 Attention

34043 72994 30932 97503 51290 88492 08965 40549 11010 77130  
79884 25535 55564 97255 65177 63437 48327 46624 12596 65663  
78408 02254 47067 20686 20375 03865 06632 34575 53845 93263  
82315 23204 74343 46768 16870 41326 95067 14685 55917 85877  
Attention (message repeated) Out

**5737 kHz, 22-03, 1530 UTC**

522/35 Attention

33314 93950 28374 86299 08619 22006 32233 76142 77062 60806  
82600 02290 89792 82267 92216 95745 99094 60838 63466 40474  
61417 75074 38993 81712 50839 31456 73582 57196 40317 48936  
17927 53575 35941 06484 96632  
Attention (message repeated) Out

**14865 kHz, 23-03/25-03, 0745 UTC**

229/31 Attention

95261 81119 64843 00168 75396 46710 51645 80994 99788 29692  
87271 57768 12678 53799 03387 56807 04196 71969 90943 12632  
61249 50898 94013 55831 41526 10845 75516 19732 91358 62226  
18676  
Attention (message repeated) Out

**7317 kHz, 23-03/26-03, 1000 UTC**

305/20 Attention

77064 87879 20262 89378 33174 04208 78322 32236 27601 70919  
64152 83494 16507 47739 13918 29792 14469 05509 07251 05387  
Attention (message repeated) Out

**6923 kHz, 23-03/24-03, 1205 UTC**

463/32 Attention

42564 81137 76712 91339 41366 43437 34918 11614 63421 43041  
56183 68968 41744 55628 53871 20734 51661 32571 42802 32372  
61798 06064 46093 12038 59825 13570 63344 05592 30449 89604  
67411 48446  
Attention (message repeated) Out

**11116 kHz, 26-03/28-03, 1650 UTC**

924/40 Attention

06680 32975 30376 76964 74609 68220 98967 12402 82547 36257  
10049 87099 33542 20043 48084 53131 41995 40456 76738 74526  
89356 53079 48548 14284 47633 46133 11054 79513 70121 90806  
73348 86473 89645 61740 95599 03262 04984 45688 15353 70122  
Attention (message repeated) Out

**12153 kHz, 29-03/31-03, 0640 UTC**

945/23 Attention

83737 06641 51585 60061 97797 17681 79073 37029 37198 55419  
36947 73640 89453 14111 11806 16520 61880 11118 28564 96616  
33559 00432 59112  
Attention (message repeated) Out

**E17z****14260/12930 kHz, 04-03/11-03, 0800/0810 UTC**

217 841 6 04537 87875 47142 23486 80331 17613 841 6 00000

**14260/12930 kHz, 18-03/25-03, 0800/0810 UTC**

217 430 5 60196 68094 59162 07574 95647 430 5 00000

**G06****5934 kHz, 11-03, 1830 UTC**

579 348 20

68836 81082 19019 86537 26924 41017 27522 31541 75296 17580  
42654 32851 59032 36582 68987 81559 79464 01686 76781 93763  
348 20 00000

## S06

### 16268 kHz, 05-03, 0930 UTC

842 631 45

88883 88018 64228 86541 22422 38366 00619 48695 18859 72241  
45154 30655 42564 47702 44149 19153 77956 15628 70925 50395  
29082 86365 02778 13666 31403 57407 03124 80814 92973 88046  
38514 10060 07205 31934 85194 97544 04396 63493 04904 75084  
34224 59113 faded to nil

### 10755 kHz, 06-03, 1300 UTC / 9073 kHz, 06-03, 1330 UTC

#### 12093 Khz, 07-03, 0930 UTC / 10212 kHz, 07-03, 1000 UTC

480 279 41

68128 53518 23246 76308 38133 29892 12160 63004 98610 77027  
77900 36871 19030 84327 99556 48826 40681 18838 64157 50440  
33147 78759 64791 17214 63791 24926 19009 37644 43254 57917  
06973 93248 07056 26795 68612 38242 46045 16619 94601 82040  
46795  
279 41 00000

### 10755 kHz, 13-03, 1300 UTC / 9073 kHz, 13-03, 1330 UTC

#### 12093 Khz, 14-03, 0930 UTC / 10212 kHz, 14-03, 1000 UTC

480 153 44

64950 21574 35374 12960 46909 92803 54055 87610 92227 73735  
26084 47466 34377 10233 10401 79513 57755 49501 13643 28472  
84385 02233 32666 02585 01921 66086 88729 54680 04965 79335  
25984 41166 70541 92449 13303 85017 16590 36384 51092 13958  
72436 47109 34818 96901  
153 44 00000

### 10755 kHz, 20-03, 1300 UTC / 9073 kHz, 20-03, 1330 UTC

#### 12093 Khz, 21-03, 0930 UTC / 10212 kHz, 21-03, 1000 UTC

480 796 42

49563 01154 35760 43827 70133 41841 91351 23807 46730 26195  
36508 65502 07278 88195 63001 89482 40690 02059 14403 02084  
54905 99393 82853 77357 69779 24274 23272 32630 13025 36453  
01089 48475 62523 89342 52755 47781 00930 72731 53277 31812  
31821 27269  
796 42 00000

### 10755 kHz, 27-03, 1300 UTC / 9073 kHz, 27-03, 1330 UTC

#### 12093 Khz, 28-03, 0930 UTC / 10212 kHz, 28-03, 1000 UTC

480 251 43

73995 85328 87650 23576 55716 52066 01630 66200 57401 84853  
00773 88198 03406 11905 45671 09335 66502 84676 22763 63948  
35769 95824 79412 98651 94441 68080 27822 77305 23843 95883  
08867 73626 67677 92924 75241 15460 32175 64478 75710 14096  
55206 60429 13963  
251 43 00000

## S06s

S06s voice but only three zero's at the end. Group 43 had a different repeat and it ended with 3 zero's vs the usual 5

### 5071 kHz, 25-03, 1005 UTC

124 987 50

83525 70335 43158 15526 47256 81561 23142 45910 55459 45155  
64745 76122 20876 46561 54531 64594 78665 42899 13951 56954  
93474 44174 33083 13833 95254 92087 36704 49976 49029 10467  
56816 45708 86928 30194 28344 83370 34968 88988 95727 74754  
33504 88923 43348 44348 99969 54999 82332 89796 48363 98092 15965  
987 50 000

**11116 kHz, 01-03/03-03, 0510 UTC**

655/33 Vnimanije

40627 37009 47617 09300 77610 89343 34347 15663 29506 08566  
53495 67799 87761 55843 44059 52589 98582 01838 74561 81839  
93401 31285 06408 95473 33195 31238 25367 72059 97131 07790  
60110 83542 51223

Vnimanije (message repeated) Konets

**6480 kHz, 05-03, 0915 UTC**

486/39 Vnimanije

31977 34263 82071 58709 04188 62450 39049 07687 22814 06146  
57593 70983 26074 27740 85187 72052 20292 47523 30785 98421  
87936 21939 41221 60437 97167 34577 82513 78890 87336 12944  
58043 21943 49433 64078 00064 41659 99954 43370 77657

Vnimanije (message repeated) Konets

**8088 kHz, 09-03/12-03, 1020 UTC**

420/37 Vnimanije

99686 90669 54112 89813 00039 52406 23013 50737 28346 13717  
98775 12487 72593 87865 83605 80567 72382 24631 07166 95990  
36633 72488 04907 23504 96339 35038 46462 63095 99329 57156  
76805 89968 81539 38943 50361 83010 54015

Vnimanije (message repeated) Konets

**6433 kHz, 10-03/12-03, 1135 UTC**

371/31 Vnimanije

09002 35612 87476 03065 32928 27662 74685 16066 98436 06650  
51091 63551 79165 60598 26779 24674 27848 10558 91954 36324  
52246 63944 94866 14537 33038 57135 17226 71119 47120 82276  
32396

Vnimanije (message repeated) Konets

**10213 kHz, 17-03/20-03, 1850 UTC**

288/38 Vnimanije

62933 89187 59339 60390 14677 08509 41700 48046 71138 12553  
38022 87792 19533 54718 95187 62100 75805 57189 76943 91070  
97746 33847 21100 38505 33569 01230 34627 79235 13303 74480  
12594 24359 57732 10740 39866 82846 01115 27122

Vnimanije (message repeated) Konets

**8597 kHz, 22-03/25-03, 0700 UTC**

475/40 Vnimanije

81613 56639 24534 70733 84941 57041 46441 29735 45182 47758  
37498 93625 77271 23518 18115 45743 39888 88108 66080 61095  
19893 23357 66648 83141 40780 13295 58871 88736 87948 03161  
76665 00211 86838 52358 79300 11737 30327 48863 69443 69352

Vnimanije (message repeated) Konets

## V07

### 15893/14693/13893 kHz, 07-03, 0100/0120/0140 UTC

868 868 868 1 6236 80 6236 80  
48008 93727 20155 02916 60934 51725 90546 50738 15273 96566  
34913 66531 94373 72360 98384 82429 54318 78659 11036 36342  
78401 59127 60911 17353 33068 53404 73579 82679 11775 03995  
36309 70495 73693 70292 92632 96810 45692 01653 52255 02677  
02754 87582 64746 73010 01548 00349 55549 88944 21176 61214  
76527 46176 99159 30231 93130 25259 22237 20103 71518 76180  
90563 57738 72220 32471 18892 04981 95376 68090 18971 30242  
31810 20063 96857 84940 79824 08609 16138 76708 17725 80235  
000 000

### 15893/14693/13893 kHz, 14-03, 0100/0120/0140 UTC

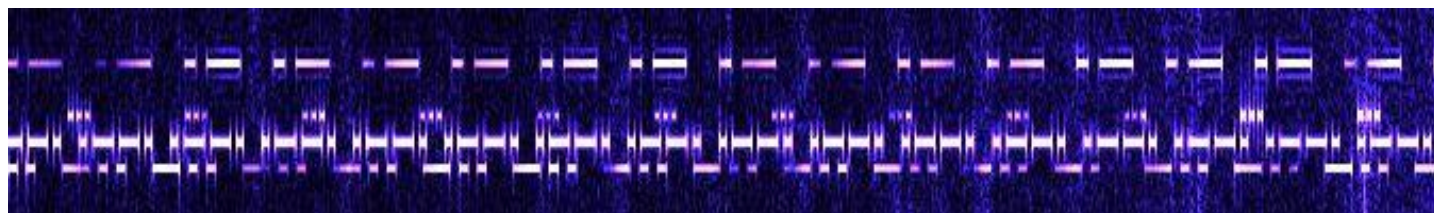
868 868 868 1 511 36 511 36  
90455 44635 95822 91577 38899 08759 30487 53047 49440 06576  
58209 20957 40061 01385 31517 91102 78890 71758 80386 26395  
57225 77552 68012 63922 96429 01971 38477 68209 07249 97040  
71739 96712 57547 40332 46932 16412 000 000

### 15893/14693/13893 kHz, 21-03, 0100/0120/0140 UTC

868 868 868 1 144 84 144 84  
94268 35059 34690 64377 15635 20806 97040 85790 66788 55102  
99756 65485 28169 01100 97054 23367 81838 64301 67364 08215  
72099 90539 41994 92610 23004 32605 16827 73249 78665 83199  
97998 93295 17556 35966 46749 84079 76445 84824 75404 91045  
12697 55817 08418 11096 73962 81389 11177 43956 92217 67280  
98531 09178 74498 52405 57027 97199 91857 71126 44351 94418  
68766 74536 95712 58004 61928 72724 29551 80728 54360 92857  
85945 59380 04632 31129 67816 61286 71107 64653 08370 99591  
88964 08194 22765 29134 000 000

## MORSE STATIONS

## MX



Beacons D, P, S, A on 7508.7, 7508.8, 7508.9 and 7509.1 kHz

Logged Russian naval propagation beacons:

D:	4557.7	5153.7	7508.7		10871.7		16331.7
P:		5153.8	7508.8	8494.8	10871.8	13527.8	
S:		5153.9	7508.9	8494.9		13527.9	
C:			7039.0			13528.0	
A:	4558.1	5154.1	7509.1	8495.1	10872.1		16332.1 20048.1
F:		5154.2	7039.2	8485.2	10872.4		16332.2
K:		5154.3	7039.3		10872.3	13528.3	16332.3
M:		5154.4	7039.4	8495.4	10872.4	13528.4	16332.4

L: 5156.8 8497.8  
V: 4031.0 4502.0 5466.0

**5475 kHz, 02-03, 1800 UTC. Group 26 was sent 3x. Two zero's at the end**

463 843 843 30 30 = =  
09743 79096 26075 74834 24804 94748 39857 67860 62963 40042  
17757 80800 38592 10533 62271 69016 91783 41633 15769 16288  
51583 40182 42738 35214 89185 42561 09576 81173 33988 66152  
= = 843 843 30 30 00

**4490 kHz, 02-03, 2000 UTC**

463 399 399 30 30 = =  
26962 88088 86750 38835 04878 89770 34872 84901 65603 09272  
35733 24696 15865 40889 90157 38754 51805 56098 53146 61622  
23337 75150 07839 00627 25694 28946 82575 91584 03394 36470  
= = 399 399 30 30 000

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

463 078 078 30 30 = =  
64882 77278 93986 32573 56297 26346 06660 28889 10317 97523  
25143 13043 78058 11475 65053 96359 96648 84060 48427 10384  
76406 38253 57409 25115 09725 77993 13468 99478 58124 26307  
= = 078 078 30 30 000

**4020 kHz, 04-03, 2000 UTC. Sent only 29 groups**

463 862 862 30 30 = =  
37614 59544 27400 25838 84182 91858 67776 44002 97695 57537  
79471 84646 90607 29555 37678 57487 03692 25590 53612 35801  
76155 58476 07112 57753 65850 14455 70375 96651 45793  
= = 862 862 30 30 000

**6250 kHz, 06-03, 1500 UTC**

463 732 732 30 30 = =  
71001 27998 82526 84719 65625 88678 25931 21719 17887 52236  
75713 59131 98905 47342 37580 40941 86476 41070 32020 64254  
71229 32795 56241 77857 57562 44041 44394 06349 70575 47614  
= = 732 732 30 30 000

**6510 kHz, 07-03, 0700 UTC****Groups 5, 8, 10, 11 and 23 were not repeated**

463 733 733 30 30 = =  
60770 10212 53906 33958 21602 60013 61403 64021 58747 65187  
14715 48304 32115 29567 02091 43414 82514 54960 08971 63743  
10823 29524 01603 32678 16417 01280 78974 64646 04974 38656  
= = 733 733 30 30 000

**5475 kHz, 09-03, 1800 UTC**

463 398 398 30 30 = =  
43576 69496 81339 49077 12613 21014 74703 10122 47131 60499  
75486 30048 89151 48675 78018 40995 02688 94476 89052 72509  
37207 88366 25982 99554 07948 53502 26643 65514 81950 20276  
= = 398 398 30 30 000

**5020 kHz, 09-03, 2000 UTC**

463 926 926 30 30 = =  
47979 43283 28552 12428 41467 58521 80933 79257 38401 96435  
14745 95410 78691 34530 32091 03499 32026 35011 04444 45357  
56128 49715 24572 91536 86314 97164 12505 02820 24321 40279  
= = 926 926 30 30 000

**5475 kHz, 11-03, 1800 UTC.**

**Groups 1, 2, 3, 9, 12, 27, 29 were sent three times. Groups 18 and 23 were sent once. All other groups were sent twice.**

**No key groups at the end. Different repeat in red**

463 2875 285 30 30 = =

19709 89628 39947 99811 53575 78102 71440 95884 46307 42231  
08249 33510 72972 84379 **84370** 13363 96169 18271 88331 46390 46486  
84098 66637 96733 64911 30685 16089 34647 04156 01726 36716  
= = 30 30 000

**5020 kHz, 11-03, 2000 UTC. 31 groups vs the announced 30 groups.**

**Group 11 was sent three times. Errors in red.**

463 526 526 30 30 = =

08998 08077 31048 **960870** 96080 51807 94471 **95471** 61542 77824 85941 95069 **95096**  
74287 13156 24574 75177 96265 54496 60484 47417 53762 63586  
32073 04871 87261 72617 13073 95292 22765 57444 20231 71341  
69541  
= = 526 526 30 30 000

**6260 kHz, 13-03, 1500 UTC**

463 486 486 30 30 = =

93434 62387 66709 23921 56812 71453 59121 49353 89280 55775  
48202 52154 93356 55129 44779 39092 60856 88637 09646 53785  
63286 83085 78788 16184 78425 53179 50183 64888 58805 13520  
= = 486 486 30 30 000

**6510 kHz, 14-03, 0700 UTC**

463 521 521 30 30 = =

24490 91991 48981 19576 67558 42810 32003 82231 46491 29230  
01280 36922 54271 51270 85280 18496 64843 94846 26691 86721  
15610 19140 62081 91202 20461 51424 15746 12212 21527 10935  
= = 521 521 30 30 000

**5475 kHz, 16-03, 1800 UTC**

463 333 333 30 30 = =

90267 89137 84779 21419 76334 57517 22479 98255 83986 69642  
80432 54083 70289 56873 57828 72619 47300 53258 41209 66541  
35822 67761 46748 85850 52546 88312 40385 71745 31584 74511  
= = 333 333 30 30 000

**5020 kHz, 16-03, 2000 UTC. Errors in red**

463 705 705 30 30 = =

93606 45323 22946 62360 96208 84631 58861 05866 39758 87856  
14204 06597 61788 73300 24936 06117 42062 46197 25662 **3872 387278785**  
78785 30120 11229 91805 49805 16183 22472 37911 07123 26682  
= = 705 705 30 30 000

**5475 kHz, 18-03, 1800 UTC**

**Sent 29 groups vs the announced 30. Different repeat in red.**

463 834 834 30 30 = =

44866 51086 15605 47886 31236 76866 **76867** 81171 23500 82908 04827  
65188 70787 56704 06154 80479 48861 69505 97688 46890 84521  
41296 26289 38879 21194 86886 16730 55764 46387 10659  
= = 834 834 30 30 000

**5020 kHz, 18-03, 2000 UTC**

**Transcript as sent. Lots of errors and long pauses between several groups.**

463 837 837 837 30 30

99156 98030 9803 18861 18861 86 313 8613 44882 44882 14923 14923  
68941 68941 9982 27 99827 25 437 2543793686 93686 71627 7127  
02624 022 267322683285918 85918 15169516 643024 35639 3562983003830  
19101 191 89637 89637 006222 0722 28316 28316 30538 3538 26701 26701  
6515165151 32622 32622 10933 10933 18867 18867245 2452366 226  
= = 837 83303 000

**6260 kHz, 20-03, 1500 UTC**

463 318 318 30 30 = =  
 65014 37834 22438 52762 24530 41630 30036 58449 37892 80625  
 42400 71769 91629 59392 56853 33189 94776 87950 60987 60335  
 86562 63486 74037 53460 75508 83252 96253 93479 99393 66822  
 = = 318 318 30 30 000

**6510 kHz, 21-03, 0700 UTC**

463 521 521 30 30 = =  
 05141 76311 30915 41648 19113 13772 28960 25309 22976 81590  
 31425 61364 38882 54037 91189 96805 39400 64647 90081 66992  
 12825 71868 15928 39410 65085 95585 66851 93593 78335 17105  
 = = 521 521 30 30 000

**5475 kHz, 23-03, 1800 UTC. Errors in red**

463 137 137 30 30 = =  
 47168 **404711** 40471 51597 57895 38832 73103 92703 51623 35102 26279  
 90434 97543 03830 **6.648 0930.** 40604 48175 61121 80755 00056  
 70687 63761 57896 17367 34233 35558 42685 95854 81241 46199  
 = = 137 137 30 30 000

**5020 kHz, 23-03, 2000 UTC. Different repeats in red. Group 18 was not repeated**

463 423 423 30 30 = =  
 80506 50286 67681 84927 88292 46818 26996 69492 59534 16331  
 09016 24215 88558 20421 24236 28015 66944 33253 39826 **3982** 32069 **3069**  
 63927 77110 83785 09660 97231 45685 32461 34567 59640 21617  
 = = 423 423 30 30 000

**5475 kHz, 25-03, 1800 UTC. Group 17 was not repeated. Error in red**

463 876 876 30 30 = =  
 26314 90410 45382 77409 09368 18209 74262 59282 96879 09018  
 79570 41435 46685 **551550** 51550 17228 17278 16061 72608 26071 10128  
 15762 98553 45164 84693 79269 02414 97044 70523 77856 74453  
 = = 876 876 30 30 000

**5020 kHz, 25-03, 2000 UTC**

463 869 869 30 30 = =  
 54530 61204 18763 27736 85165 16267 06982 27274 39205 92721  
 67200 51838 61352 34838 01725 08475 26224 23796 03527 19970  
 26880 63292 25171 15450 30412 88421 18645 87664 63868 92565  
 = = 869 869 30 30 000

**6260 kHz, 27-03, 1500 UTC**

463 632 632 30 30 = =  
 54879 41958 60322 71309 41878 64090 88818 51711 31577 07842  
 60958 53763 56087 55749 69248 57686 66429 74225 77697 88904  
 93998 54265 31138 57574 84340 25797 56134 63920 03874 66593  
 = = 632 632 30 30 000

**5475 kHz, 30-03, 1800 UTC**

463 136 136 30 30 = =  
 57264 89325 62411 19103 99423 45434 72763 04359 66767 47354  
 07319 47383 08183 99107 58137 43916 14331 63087 75164 43892  
 02516 12223 54019 82676 43912 07064 11999 90841 54771 33623  
 = = 136 136 30 30 000

**5020 kHz, 30-03, 2000 UTC. Errors in red**

463 172 172 30 30 = =  
 19037 77292 91089 71696 59113 18162 12617 74952 28878 60748  
 59815 22146 89459 10657 76162 71298 70068 35766 **1900797 11701170**  
 36819 75713 82539 98539 87600 67957 53509 53178 28359 02958  
 = = 172 172 30 30 000



## **M01a**

**3396 kHz, 02-03, 1723 UTC, i.p.**

111 999

111 999

111 99

830 10 =

09854 14230 75433 45957 24851 14230 23654 12345 32141 67657 =

830 10

111 000

4095 kHz, 02-03, 1835 UTC 492

4095 kHz, 02-03, 1840 UTC 086

6847 kHz, 19-03, 0825 UTC 398 398 81949 81949 81949

**5878 kHz, 19-03, 0848 UTC, i.p.**

31101 23029 53455 32628 35847

111 35847 52095 65665 64587 79590 = 721 24

111 000

## **M12**

**14377/13461/12114 kHz, 01-03, 1300/1320/1340 UTC**

**14377/13461/12114 kHz, 02-03, 1200/1220/1240 UTC**

317 317 317 1 324 98 324 98

84202 41801 95115 27798 58448 65932 76857 28034 82190 14779

66195 58457 72104 77443 52069 56661 27294 41274 97902 43206

09124 46036 42477 68761 22749 28746 41104 96456 29780 73320

43542 66867 33569 52288 37395 86919 04482 81795 33629 27241

16654 06042 68518 87034 96158 65560 34925 72992 50266 61363

07902 19129 57040 24187 58852 07221 87817 41630 55204 29793

87243 86043 51588 87781 97123 48891 44449 96845 99287 34635

71463 28699 93757 93093 58805 40360 58198 56856 78717 91563

54171 15168 10881 53275 78476 34921 22343 12644 43216 63167

78535 49732 09385 05357 59784 25291 34814 22954 000 000

**9137/10484/11552 kHz, 02-03, 0530/0550/0610 UTC**

135 135 135 1 8798 106 8798 106

61937 81923 63898 72662 46737 28022 93010 52923 25031 12341

29820 27021 49253 26016 90445 46946 89863 56675 32873 37741

93514 75366 68553 50528 59353 76602 79526 53626 02909 46248

21566 09987 09249 63287 13358 20268 03229 54866 54855 00513

14467 88983 97397 76053 24612 65797 25037 59540 74026 70887

49970 68240 30001 47011 81556 73345 66003 25221 76146 74912

90760 24413 24784 69978 95803 19188 24125 59300 81099 29300

75232 42639 32520 83428 76879 74810 15081 71701 32916 55790

94122 07434 03537 82812 65414 47703 26901 74850 07450 06648

38664 30978 39392 33520 33102 81903 70220 40257 64177 03427

87914 55166 56344 92352 19903 55077 000 000

**15848/17448/19148 kHz, 03-03/07-03, 0800/0820/0840 UTC**

841 841 841 1 1813 89 183 89

56820 69963 73382 93332 79909 56281 79776 30399 36860 88955

24813 69565 14307 09279 03828 11820 10076 68911 14799 13949

21595 30290 27940 55190 53885 02594 90901 82290 76602 97517

55948 41969 78465 00731 20993 10946 81273 90764 81934 09130

59796 18249 50661 81624 64348 83197 39289 11415 88310 77062

30151 03196 75858 63652 14321 54263 47141 56983 32937 25121

66472 20867 37628 34196 30789 61009 68534 18803 97224 94340

37913 08547 17108 02602 29129 82915 59152 71087 68090 13460

50806 61585 33016 48994 02529 33967 57248 85657 40357 000 000

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

546 546 546 1 4069 113 4069 113  
25754 20597 99675 75898 21113 76465 38657 39844 80537 53084  
56990 14627 56844 03192 87449 16837 36529 68646 92578 12187  
12065 81599 45243 80657 17632 51758 94066 06960 43751 40140  
16605 55730 64919 95582 10043 70118 50356 28912 49664 04552  
84308 06277 44554 51347 16458 24393 34599 07275 66238 93018  
81180 30725 63244 09663 88680 43078 83104 22785 09019 34897  
07470 05276 99947 21192 71702 88497 05097 09404 60016 10536  
12870 99351 20396 48967 27155 71641 82025 77298 06892 66051  
20964 41222 73932 99038 65086 68238 00029 83481 65060 77562  
76764 60107 69832 72644 65222 15378 92511 43372 81304 76643  
40115 23543 06328 33627 48916 41274 58844 91459 18941 18110  
49479 51051 01707 000 000

**12162/11566/10711 kHz, 04-03, 1700/1720/1740 UTC**

546 546 546 1 3249 107 3249 107  
29327 58103 56005 00092 77491 10736 40891 76895 73012 10798  
80932 55306 41738 58197 42045 46279 12757 41476 22730 55637  
39814 60487 82604 13264 33325 15739 80896 24601 46597 95689  
23094 95552 12189 83642 77149 67456 58847 50956 68070 15709  
59261 41697 11097 23613 84075 86338 00350 66222 33984 57108  
78571 18012 88216 17580 51389 44229 15350 14649 81104 51813  
72302 65777 65211 25714 61182 30333 26192 81224 67863 29982  
04767 51478 51434 04392 02477 92449 40513 89416 77538 52513  
76061 79087 36974 56296 10125 37082 67211 70805 88543 07793  
90542 75707 09161 53857 57248 24694 69152 62894 12825 97927  
28979 29126 59494 69070 54158 71849 90869 000 000

**12162/11566/10711 kHz, 04-03, 1800/1820/1840 UTC**

546 546 546 1 6169 109 6169 109  
69128 27160 38861 07535 35815 29088 44418 67970 81190 23204  
12674 00065 37275 84674 28726 24912 86947 18667 67227 18331  
87161 35312 61936 67704 08008 55444 30594 12323 64441 58861  
30291 96376 70869 55904 34577 53693 67830 27684 48555 56745  
98817 85515 50449 02567 78159 59912 95133 89661 62438 43065  
20178 07212 95395 09101 05940 54865 18369 84452 16532 08478  
42954 71772 69551 02606 55580 49529 79081 80721 77626 11921  
84402 97150 76475 68742 15489 88228 20301 55051 17224 02979  
33590 27603 14967 73469 18131 32138 69524 84308 88910 78557  
77278 52276 05217 28628 29481 28924 57561 86749 62548 25748  
83465 62930 20608 51221 039x8 60445 33823 42092 32235 000 000

**14377/13461/12114 kHz, 04-03, 2000/2020/2040 UTC**

317 317 317 1 6819 103 6819 103  
29663 79053 43488 68477 91373 20208 71645 63818 33288 07106  
58466 16920 67076 27031 29293 59582 48232 97074 04511 62416  
37893 55520 10005 85657 47280 73177 34329 79206 32772 94553  
16941 65086 14757 77808 82683 29461 38545 64803 29434 95204  
25474 90109 60372 38290 38876 88234 67419 83806 63806 15611  
03291 37705 07762 85284 00234 90704 31123 34595 06745 86277  
63870 00942 29662 96428 49223 32775 38927 92312 25073 10116  
21983 70637 83199 40382 62396 88592 31612 18090 96944 93188  
17289 97025 84613 66967 69483 92846 47701 69723 37731 40817  
23402 12359 69560 17506 79733 81068 94763 02689 35126 41020  
81374 74393 29695 000 000

**8126/7526/6826 kHz, 05-03/06-03/12-03/13-03, 2200/2220/2240 UTC**

178 178 178 1 2096 102 2096 102  
11562 34099 61080 33627 16257 46308 95509 33153 27550 76089  
75084 68803 22033 61495 50676 18588 64756 01551 32824 76927  
04217 44044 20083 17588 40163 26459 38591 32217 93854 09523  
05304 31645 98187 40079 63650 72665 39139 41576 15898 95179  
12971 21635 38892 07768 07058 75757 20634 26130 82805 49400  
47788 42223 52712 29242 53372 87218 35720 49032 90412 46058  
45100 27712 14457 80994 13002 10283 25665 49251 42374 03839  
98683 66285 95773 89159 06642 58357 83517 21871 63118 19722  
47133 93985 76078 37698 05668 86636 70209 07962 58611 15528  
31522 50035 45434 70569 29001 03634 49531 10024 82407 76984  
15293 60954 000 000

**8164/6964/5764 kHz, 08-03/11-03, 2210/2230/2250 UTC**

197 197 197 1 6508 68 6508 68  
71530 43144 44349 59333 93883 07413 95047 47123 20304 39946  
31564 86450 64750 90936 81138 99687 36840 28188 11376 18516  
06596 52866 52555 57633 72159 56033 50997 48302 99647 12268  
98388 80307 40681 02394 94584 21759 12122 66813 86627 68388  
49136 82458 49972 60644 88302 78064 87481 45953 64728 19840  
06864 72336 84724 34133 06134 80480 51676 84759 03885 56341  
65848 92668 23447 83074 62743 39899 65973 78347 000 000

**5863/7463/8163 kHz, 09-03/12-03, 0030/0050/0110 UTC**

841 841 841 1 528 83 528 83  
39222 88946 76247 94138 70848 33995 05974 21366 27411 59009  
31848 14430 48501 07813 41346 15010 03728 50950 80203 21382  
04113 47077 33983 01467 82769 24190 68294 08935 89002 39289  
20112 34701 68884 16452 96664 62052 69312 50155 88933 38151  
15256 43429 36706 54258 96392 16433 15338 35444 79273 00565  
41834 51479 41485 32293 89676 21856 11581 25276 83736 37315  
01066 05372 25963 81569 46926 91201 42400 94388 61339 26098  
72631 44011 00009 80667 20880 76204 21673 45308 00020 49175  
24383 39748 61042 000 000

**9137/10484/11552 kHz, 09-03. 0530/0550/0610 UTC**

135 135 135 1 9272 113 9272 113  
07943 22579 09418 72763 86758 25425 62073 66072 12998 54546  
38440 39360 68222 79681 12931 66763 70061 77679 62366 39761  
67624 08023 61632 67504 93995 88377 69156 03820 86332 45040  
64711 37765 25356 70162 29396 29660 27871 22943 26168 33865  
34427 61758 31052 46534 51629 68602 91916 73695 04350 05534  
67420 28221 84629 22984 09583 07119 02266 16714 91486 67158  
86693 61689 56020 52068 55744 95617 26531 45329 90819 30280  
37472 28244 15417 80616 09768 56551 83813 41818 53888 46640  
24020 49886 53636 86372 72521 70984 99158 42609 52942 26529  
72922 09713 49046 61141 60286 43008 04787 60828 44475 52486  
04003 60058 68722 91170 53966 15531 28238 64750 69231 67246  
30770 74431 04746 000 000

**14377/13461/12114 kHz, 14-03, 1200/1220/1240 UTC**

317 317 317 1 4495 95 4495 95  
77868 68951 12549 08505 86013 37851 21001 64216 17070 22020  
60141 06725 80339 02523 66444 16200 17645 19680 06967 13670  
06794 96609 33623 13877 06612 96763 79500 49706 53587 60725  
74900 49564 28972 48529 26811 70846 89505 30405 53063 73862  
75433 06882 31195 23818 44563 85274 42119 34275 61672 32100  
34778 30894 44038 19902 70152 27730 64260 94336 36321 21290  
43172 22156 52498 91328 65638 17949 04735 33447 63860 01431  
08004 87781 53765 04135 67951 37928 03538 24787 65522 36100  
59084 38581 07400 18473 57359 11628 75822 12685 49977 80521  
52474 86593 11294 48289 81529 000 000

**12162/11566/10711 kHz, 10-03, 1710/1730/1750 UTC**

546 546 546 1 8695 104 8695 104  
08298 56183 26222 27968 61800 66632 65377 80661 00312 42756  
73173 09291 89867 72553 10258 68785 49074 24536 97752 02630  
17214 71597 21437 99024 36193 42728 41333 66837 08663 82472  
01491 46379 44313 07190 30743 40455 18997 27418 03032 64533  
01469 04956 41828 54330 33909 90327 94125 94207 77844 95857  
11129 72379 00786 99678 11362 54460 41855 83927 70507 70074  
99165 98593 27764 82228 60391 15295 54610 59196 97985 93958  
47798 95254 35538 81569 80268 80441 76710 76730 97552 42606  
88269 45109 80846 68420 24159 14734 64473 94016 24641 99186  
57304 36668 07862 46007 27267 77730 22978 90339 27436 55917  
28003 84726 58266 78173 000 000

**10267/9267/8067 kHz, 11-03, 0110/0130/0150 UTC**

229 229 229 1 8376 64 8367 64  
19877 60376 69275 75942 13151 16101 47169 30204 52789 15878  
65856 87064 24807 90557 79433 87237 44557 37118 52330 60102  
10762 19885 24864 43311 79267 32636 03328 92627 83031 55576  
88503 30185 76285 54684 12128 57598 18491 13677 17263 75486  
71228 53836 19161 02579 76886 67918 86603 23137 41490 30495  
74087 88170 30427 48168 98575 46951 15698 51677 11542 89216  
66922 44657 96700 02812 000 000

**12162/11566/10711 kHz, 11-03, 1700/1720/1740 UTC**

546 546 546 1 1651 106 1651 106  
82480 14435 92387 40734 19697 27854 42518 06040 92829 11033  
23360 86418 35891 66297 79325 91306 17511 19919 41966 33913  
49066 30010 72457 60670 77003 60761 61261 26858 18702 16389  
36116 68039 33394 50835 02199 89081 96878 90105 36454 75856  
18039 05128 67129 64615 49781 47551 31510 15487 38928 64257  
38601 10124 30604 42018 10832 59504 05978 45498 13134 22873  
43176 20275 24174 71920 97027 78499 31760 64105 42646 62386  
12574 63809 35382 07578 39875 70661 45627 06023 25101 98826  
96603 23716 67294 89101 36235 78856 82491 88595 68957 53263  
07702 23255 45258 42276 93154 57759 46126 04379 45041 06363  
21493 65257 56760 84097 99482 43733 000 000

**12162/11566/10711 kHz, 11-03, 1800/1820/1840 UTC**

546 546 546 1 8167 112 8167 112  
12162 44237 15170 93329 75421 55538 61491 11295 84981 02788  
99680 67856 88851 90159 70371 36600 38758 75695 32736 05371  
90180 85977 90743 00264 44205 43000 72981 26950 26915 35205  
92627 58125 54869 71830 30762 85042 90041 55615 45794 78228  
26991 84909 97695 53354 14775 83824 02860 31032 06626 68739  
34787 78143 56759 79092 42024 58518 96420 55983 49696 38039  
77715 14442 93053 92553 19167 46051 68221 28269 00563 19167  
03497 76131 53825 01731 00852 14526 54480 33254 56954 71213  
91857 04966 20965 09022 78285 30215 91496 35910 84682 57203  
71095 08093 92706 16991 50913 32360 58288 70535 55970 66510  
88288 71951 85497 19929 11536 90106 67151 76390 51917 01909  
67229 72828 000 000

**14377/13461/12114 kHz, 11-03, 2000/2020/2040 UTC**

317 317 317 1 8920 101 8920 101  
33001 63269 65773 31360 03286 89029 81619 93644 83580 72024  
46250 01142 63971 59673 05812 77388 59775 19008 81127 43875  
86394 98073 37366 76210 68585 93547 38629 96736 38875 07569  
81669 90444 52649 51167 18857 70834 18949 21930 81380 12479  
86898 02191 82093 72156 31768 94945 56035 50058 90011 51352  
90816 78109 53635 22637 71566 21642 70326 47878 78062 63669  
35985 74244 51771 59460 53959 91830 84059 20579 04432 50257  
79953 95485 66935 01288 43770 08624 99253 95519 66713 35072  
38373 32143 09246 63306 56181 85547 47800 05529 63078 73356  
01016 67565 77778 30235 17109 25303 42986 27733 39962 95385  
60904 000 000

**14377/13461/12114 kHz, 15-03, 1300/1320/1340 UTC**

317 317 317 1 6281 100 6281 100  
16048 15216 96734 32988 85577 58115 66321 07423 12480 92178  
01507 60272 33160 32414 57657 60767 37434 50354 95700 71877  
77932 24030 63599 59715 28974 09659 41980 57011 09048 69804  
74725 88281 38536 43683 89595 38488 11502 04732 75208 24773  
22075 88772 93399 22406 95256 37502 81656 91844 17012 31206  
99613 79412 12643 87830 04064 24123 14542 94519 96723 80684  
63895 59960 28170 67214 31641 37735 28287 86686 95806 15916  
17440 46481 81608 35302 00344 82679 87663 43872 12878 89823  
52886 14092 10683 04963 07581 72666 94444 69702 03840 05937  
39182 86078 87433 76137 17933 78170 22283 93515 98014 28513  
000 000

**9137/10484/11552 kHz, 16-03. 0530/0550/0610 UTC**

135 135 135 1 7470 107 7470 107  
62635 04987 64706 82346 07494 15528 62391 69298 65435 67885  
08222 88784 58691 41790 80359 52137 47778 79062 72353 88410  
59886 04727 57319 81913 50072 66821 68932 58807 32896 08255  
69385 48169 35410 77083 93830 22101 74274 74178 77104 77698  
38325 30082 17052 93762 36206 21882 55128 90011 64346 07685  
40075 76352 12157 65862 82556 92736 55938 45460 37499 32760  
49957 14505 48997 63762 11159 08662 64132 65367 09316 48512  
04149 28356 38989 97571 09192 18095 23432 13649 81893 10516  
72791 13117 48404 03557 50073 81150 02827 95511 82564 07753  
84941 71962 92506 19134 48449 34323 13522 63310 75881 56503  
06419 90457 28631 66370 86936 89533 69393 000 000

**14377/13461/12114 kHz, 16-03, 1200/1220/1240 UTC**

317 317 317 1 9455 96 9455 96  
57441 32859 56860 98424 01255 27322 43160 07141 44254 64099  
31621 35899 69524 15259 16919 59718 77339 37857 58254 59912  
12497 61535 38701 95130 47783 34464 60586 52462 22493 71144  
97508 44664 27898 22935 71518 22745 22924 95502 06719 54510  
51787 81326 27102 97649 76914 13313 76640 05046 71340 34790  
78013 92646 48298 51702 47182 53401 66415 95400 78681 89355  
16776 06187 57629 83138 96694 50363 69850 08755 33525 92393  
58075 49720 93541 68129 96685 50444 36328 79195 01445 98118  
01104 82129 35376 39263 77168 72135 69253 24370 57892 47682  
96471 39516 60872 32844 85457 98143 000 000

**15848/17448/19148 kHz, 17-03/21-03, 0800/0820/0840 UTC**

841 841 841 1 9688 92 9688 92  
28783 28466 42128 09136 29498 32702 82791 61704 75402 82705  
27047 15402 44271 09700 81059 16507 58978 78168 35130 63980  
04169 51168 07829 96980 59148 43063 72196 61002 73803 16672  
26359 98693 39184 04625 98335 48408 14100 60646 21042 17051  
77822 60450 64245 45762 55997 38761 08222 58876 47407 26981  
75139 70731 48312 32685 47516 45850 78353 32616 75327 65968  
98110 45675 95389 45466 04382 14218 42606 48472 77457 16373  
76010 79369 60443 81503 41596 59632 76236 08930 63280 24375  
58736 04347 01836 75423 56965 41768 24263 15832 15722 72056  
52188 16202 000 000

**12162/11566/10711 kHz, 17-03, 1710/1730/1750 UTC**

546 546 546 1 7491 109 7491 109  
42650 09717 78332 51074 69605 70911 74996 82978 97105 85848  
44418 45603 00500 39474 31294 98656 12536 20811 26948 92101  
91005 22569 69031 75237 30361 62805 66637 01474 05214 35520  
40828 98488 93412 93760 60487 87118 16500 58447 26584 60195  
98924 45940 17307 28306 19288 94631 76168 27366 98936 53412  
86023 05034 99523 55724 54746 29823 69412 05928 76916 02601  
06266 39650 07808 95403 95437 95576 92813 96749 19417 97837  
58671 41997 83880 78778 27901 90257 16201 15098 77860 71519  
00144 78652 39326 11768 17791 58294 74156 05763 39564 84609  
63928 32139 95614 88756 63125 12143 02208 45873 73464 83416  
97042 31666 01708 62520 39928 28487 87983 21885 29212 000 000

**12162/11566/10711 kHz, 18-03, 1700/1720/1740 UTC**

546 546 546 1 4101 107 4101 107  
14800 97399 17586 22812 01399 36503 45625 21557 20669 95113  
65302 91816 31364 60234 06240 04709 84477 91605 12493 06012  
82872 93892 53818 97695 43272 72219 34571 56747 63670 74214  
30068 59045 70708 07002 29119 16575 29176 33996 56399 55690  
03281 38866 84392 89045 67037 66223 50675 86252 44327 02371  
65233 23815 66631 78643 26410 14857 33506 98232 57106 87910  
16939 01021 75342 31662 96217 45452 35655 63116 77915 04772  
61280 53864 57508 28785 90504 26156 07626 12759 25461 02933  
27823 66148 82294 70336 90193 45893 07824 39489 50370 93524  
98563 25898 18208 14951 76441 86483 19654 11181 70508 78298  
53916 24155 51057 12766 02033 71453 04497 000 000

**12162/11566/10711 kHz, 18-03, 1800/1820/1840 UTC**

546 546 546 1 3653 113 3653 113  
72802 13398 88915 30692 86939 72773 05755 21293 08476 21401  
22891 03505 96668 30453 17651 92166 58750 76845 86144 42893  
17860 56271 81949 08050 62004 55117 63235 89055 14026 67743  
52386 96725 04105 59591 18498 22847 77671 39365 12795 72971  
71832 77404 68357 27391 56939 90441 92029 69354 55329 38223  
98055 12533 63084 47151 34855 02736 08202 02568 43917 25575  
57719 50405 84172 80953 12466 94672 47980 30117 07419 92199  
26943 32049 03771 15278 78783 37377 73780 87556 00717 70708  
39401 38100 59372 66872 30707 61605 20283 78667 06451 17090  
01074 32324 12057 46434 89292 75196 91604 00549 45415 75986  
43642 19057 70455 05006 41049 24044 16332 64283 10061 41865  
25911 22249 78605 000 000

**14377/13461/12114 kHz, 18-03, 2000/2020/2040 UTC**

317 317 317 1 8123 110 8123 110  
26391 36974 20877 16826 20157 87755 01505 55485 42000 66175  
64566 15812 69323 04711 52061 00040 26009 66834 07259 58869  
19959 44856 14310 08227 46360 89475 11359 36415 27362 53149  
75594 45340 49195 00817 43175 73645 47088 55404 73910 36312  
45064 34737 18895 78200 46760 14972 09510 97335 07023 84052  
43308 87363 94016 12790 05949 65531 73447 76421 23696 67862  
56092 84812 32056 50549 48473 69983 86805 03429 38308 92131  
52478 71265 94983 63995 16245 54394 37677 61127 90869 89472  
52179 99912 37312 18216 42716 17657 69668 06877 72994 16648  
06307 35918 12446 31631 50439 22775 41276 96584 56795 47431  
99222 92905 08253 00776 65796 83585 47355 59947 76534 63165  
000 000

**8126/7526/6826 kHz, 19-03/20-03/26-03/27-03, 2200/2220/2240 UTC**

178 178 178 1 6880 88 6880 88  
60273 22001 43897 12551 86803 20960 27892 14722 95359 19521  
33008 17396 76131 53569 16404 36237 30096 49399 73565 98228  
27787 38842 02460 20326 99846 21841 63531 99785 58162 72394  
75553 17697 80908 34502 99406 33178 16948 80947 89407 30096  
16848 03034 73669 82285 38839 03268 97550 27503 92839 09463  
12365 52542 80656 05731 25004 61871 45130 07688 36119 70506  
56650 24039 78285 60843 45809 53818 51890 63229 94617 47344  
35375 51787 55222 30530 89252 57840 96386 73806 73757 19513  
83444 54395 84015 06713 97772 83831 05566 47146 000 000

**14377/13461/12114 kHz, 22-03, 1300/1320/1340 UTC**

317 317 317 1 7655 104 7665 104  
91904 85053 23511 65761 15511 22211 93288 76891 58758 86992  
88867 46782 63934 81624 96745 37932 62293 14513 19975 29319  
79752 10414 66456 30092 45593 06082 33835 65762 00476 44412  
29485 14722 49680 28109 73372 40728 62960 49973 17447 13663  
63314 95661 06545 20975 38367 08990 04181 28811 82262 52085  
04800 70634 16751 65623 32766 06742 77140 56083 21470 25646  
05851 86139 13206 35355 94881 17064 59272 28621 94682 99316  
71086 56030 16594 10583 58145 57052 23896 39307 58219 38631  
83570 80631 76418 77531 26418 66942 61643 88187 23099 84032  
63329 29394 21115 60989 86668 85519 26525 38351 84244 11933  
84233 06640 63291 65851 000 000

**9137/10484/11552 kHz, 22-03. 0530/0550/0610 UTC**

135 135 135 1 2296 107 2296 107  
10921 40351 29796 33907 75735 02057 46035 71521 96687 05840  
18875 53571 20787 69348 17687 18855 43555 68289 46819 98811  
12468 31904 64916 85231 76443 49588 20744 28861 48243 06640  
36503 47024 45121 66574 06616 93013 82174 65709 58526 87026  
30900 79333 16895 24375 09479 20447 22740 82077 61368 89663  
43276 45108 65851 89497 93608 95791 24713 99986 21980 12859  
85793 06297 88196 17722 89524 83796 67292 66772 27007 49028  
45521 89455 79221 15279 59090 09550 83502 01983 71215 25796  
87233 44620 94947 34100 96331 37937 51582 00178 65674 22832  
83797 24919 65254 78026 22424 39688 19518 14619 61971 03127  
41579 59443 38027 70063 22920 12613 07314 000 000

**14377/13461/12114 kHz, 23-03, 1200/1220/1240 UTC**

317 317 317 1 7980 100 7980 100  
26374 81699 19944 33904 15177 48673 66536 55835 82200 35295  
64694 74500 95863 43578 85555 82073 95726 10599 00725 34675  
99407 09146 54871 38692 47588 88291 45313 91645 18134 61011  
57641 24628 27121 91732 22140 56242 68186 68891 54352 47914  
44689 36235 61202 46365 02717 78516 86197 21292 05435 32238  
83354 16411 40177 90339 23435 48364 56227 43545 66077 04666  
39945 49909 32876 88993 54873 53655 01790 56763 44552 38319  
14721 80210 12459 25860 20268 09359 79563 54482 43661 10050  
80616 11040 87712 17713 70945 83656 09751 62391 34073 76539  
42822 80258 85470 90296 83899 39108 17252 70523 60803 89273  
000 000

**12162/11566/10711 kHz, 24-03, 1710/1730/1750 UTC**

546 546 546 1 3013 112 3013 112  
32792 62295 93063 01799 93023 58967 41986 07717 96363 49247  
08659 02467 83611 73293 23529 20388 56487 55496 73139 50156  
07205 62356 98571 18745 19235 92123 18828 83431 31926 87327  
82705 14855 30114 00393 84421 99076 29955 81876 35887 20785  
83489 38485 24183 40565 92629 25648 81218 85161 07914 94053  
25026 57186 82997 02994 99955 22479 84110 30953 13292 77044  
74004 26574 22387 31823 92652 57937 42032 33064 75210 99318  
69804 40489 46299 01063 00276 40162 54741 54987 39170 03220  
79678 57040 48853 09784 62180 08476 17955 67965 83583 41639  
05473 58767 62379 78207 39136 26356 92175 53219 89288 59786  
58666 03111 84208 40523 36008 37340 39491 06415 21100 37204  
43552 88572 000 000

**12162/11566/10711 kHz, 25-03, 1700/1720/1740 UTC**

546 546 546 1 4252 104 4252 104  
67685 55491 90839 48697 56603 88855 98668 17225 79923 00307  
32204 01657 77831 03157 65330 56362 04882 76517 00758 00613  
76821 78808 37027 38003 38076 58759 50135 36575 98524 20485  
19589 95065 90203 36773 63354 52734 53908 54236 75915 85491  
63758 75044 67719 61117 83315 14105 98818 16321 04889 07729  
74212 29506 24985 89537 98907 34515 47908 55795 20368 64039  
11349 94248 74442 54990 21685 94311 84194 23419 03207 75843  
15029 94580 41039 32509 29700 89608 36889 34995 74605 83903  
40741 17920 98406 82136 93551 33751 50564 38478 54695 83646  
51534 04237 80414 93753 08351 47692 07285 44224 85109 49545  
55006 77020 28206 17650 000 000

**12162/11566/10711 kHz, 25-03, 1800/1820/1840 UTC**

546 546 546 1 3301 106 3301 106  
76724 99070 68258 60229 31432 66355 03076 50242 08649 81905  
78489 62408 25410 38482 67708 45944 46298 18280 26259 53535  
06089 90494 13964 62528 46580 05213 09683 75409 14239 96613  
28241 31289 47253 17126 07437 03190 38181 27170 63615 31698  
25452 43971 09375 56441 35329 61373 86218 84656 88360 70950  
76284 61255 39132 37286 00882 52712 62876 14362 72092 96036  
07089 68458 43039 11360 83569 89853 81452 81980 30788 42701  
73438 62491 69829 28500 92466 85785 52835 57165 67073 41585  
57602 58769 05535 41564 57843 11722 60820 85700 69565 11628  
35949 79161 31433 06236 93457 52192 95549 00422 93197 54135  
58258 91364 47241 75032 91907 62482 000 000

**14377/13461/12114 kHz, 25-03, 2000/2020/2040 UTC**

317 317 317 1 7346 104 7346 104  
25806 23664 74306 22886 78418 08129 56153 39258 59478 91259  
46096 31615 31369 03763 20301 73728 96634 86190 13094 36877  
63516 42988 04426 75910 41861 99457 15942 50460 67310 79727  
87663 45997 48406 44900 60214 68664 91189 48307 00595 72355  
29720 84417 69357 37602 51820 54367 35111 04871 93131 17011  
96239 11414 31843 07237 89892 20409 84147 73810 99637 85700  
35733 08207 06326 89466 79028 92514 63406 27717 80740 25469  
81042 35453 83060 71363 11287 72625 47825 52972 72278 50132  
11827 68175 19299 04705 52536 89402 71294 29549 60220 89387  
12086 96469 73158 06257 18218 59338 85620 40335 64952 28740  
16816 29991 92180 17943 000 000

**8164/6964/5764 kHz, 25-03, 2210/2230/2250 UTC**

197 197 197 1 537 83 537 83  
92495 50310 96141 68033 20596 39291 91186 58680 74853 70259  
05333 65646 34686 60687 21103 03863 04210 84526 77619 77438  
36474 07369 13246 48927 76206 53174 41476 02437 22411 01235  
35170 57904 16455 49398 03868 52468 64815 91377 00674 28801  
16521 63805 73287 43238 73593 02541 71317 84755 79501 38798  
50481 02432 95805 28915 69734 49657 56050 92452 93346 14777  
40276 16465 79031 14388 49542 75653 25390 44321 78301 77146  
38032 28827 25081 46235 16255 15823 792\_\_ 42185 51877 392\_\_  
44379 97732 2128\_ 000 000



**14377/13461/12114 kHz, 29-03, 1300/1320/1340 UTC**

317 317 317 1 8563 103 8563 103  
46016 24570 09437 45696 23439 39656 71358 77415 71215 77996  
78636 11712 27912 86849 70439 10282 59798 94997 59392 91196  
09598 73245 09987 20923 37974 76510 98311 54810 62436 60419  
91852 30741 17145 25761 81827 12518 61411 80788 56398 80084  
02891 72681 04654 03936 17980 17938 02767 43403 63868 09748  
51612 23039 92201 77080 68990 89295 10443 95544 13004 31850  
39941 71714 30087 98772 22539 37857 70792 10036 78410 02225  
53137 14658 92230 33165 87414 47428 05692 39311 74546 55037  
61666 78083 39467 46213 49958 42949 87142 98934 58587 79872  
83803 62181 48694 67947 57967 54170 44120 58105 67010 62631  
16925 72260 25508 000 000

**9137/10484/11552 kHz, 30-03. 0530/0550/0610 UTC**

135 135 135 1 7564 107 7564 107  
47934 10052 93190 07520 63918 33952 29751 70983 72861 67544  
47128 07751 80439 06683 97683 35391 67507 47460 93465 67461  
00615 70294 54844 05465 21083 63927 61780 51459 35415 54025  
03808 90879 41928 37038 90861 76838 12776 33691 52665 25231  
74636 04191 21587 13265 00022 63209 14510 66315 81778 47884  
83570 74409 62109 75381 49007 93238 95360 88813 21319 50681  
93979 92500 31020 09401 87258 36802 96428 56570 53709 01019  
55672 21486 34481 77835 43795 49158 15716 39606 31707 19992  
32655 28717 20804 76227 70871 26614 50134 98164 52523 22660  
47724 24842 51562 28555 85671 54548 99010 83991 59738 47800  
97738 28404 52005 40335 73481 08544 22335 000 000

**14377/13461/12114 kHz, 30-03, 1200/1220/1240 UTC**

317 317 317 1 6783 101 6783 101  
09396 14128 20376 96389 76990 86761 37750 50259 16822 63341  
98844 30488 56515 53871 84887 08774 43341 49317 46374 51777  
25522 40963 43733 12090 59697 21042 91992 97026 30782 18942  
20761 38659 39433 33713 42836 52876 32620 94378 01533 45349  
71708 02396 10895 03234 90933 36502 98378 25640 70317 02672  
13000 71365 36376 27003 46836 87862 00771 68271 01986 07654  
21537 44641 93744 39659 45392 26976 01329 84497 21751 74542  
11059 78615 75981 80545 95687 37775 81444 90722 07249 61943  
69192 64275 01856 60432 82225 12280 17249 90528 48961 99773  
66624 36940 42374 38467 64247 93505 24453 50095 20114 25227  
04107 000 000

**12162/11566/10711 kHz, 31-03, 1710/1730/1750 UTC**

546 546 546 1 8789 109 8789 109  
37111 80909 88452 60364 99639 87296 85544 28901 74893 75201  
33251 41713 17941 22000 81346 51692 35272 42020 10770 04481  
55193 29895 24790 55216 92799 73646 07887 73230 44177 63874  
42212 27205 83424 56912 12811 41012 45991 84654 91171 19822  
03742 23107 17081 33506 00362 01090 42891 08469 43573 20268  
74861 09022 13193 99170 49801 74639 08302 04170 18248 11643  
28553 85744 63621 39173 57469 66429 68107 22774 46734 71925  
10818 54966 11457 81659 01328 80012 47177 59011 82103 32156  
55434 06620 53741 49771 91530 89295 58556 92737 92706 55789  
35336 30035 03774 67172 11302 64475 32391 04282 82476 55050  
73967 11300 96372 79753 15253 97637 14877 02719 91183 000 000

## M14

4731 kHz, 06-03, 0800 UTC

4651 kHz, 06-03, 0900 UTC

523 757 757 20 20 =

77881 34589 14882 55353 12480 99199 88903 14797 22076 13288

70179 89033 55789 80041 66890 34567 09003 39399 00075 00156

= = 757 757 20 20 00000

17458 kHz, 10-03/25-03, 0930 UTC

15994 kHz, 11-03/26-03, 0930 UTC

617 428 428 165 165 = =

79381 32735 02179 33324 96239 56638 17334 08237 89914 97709

99636 37760 99066 07860 13728 33125 61284 31568 62777 45689

62042 97672 12181 80567 77983 80934 00373 45343 94244 25979

99859 74335 99608 17905 77031 04152 73179 96576 40866 36314

55073 01991 61538 27569 64458 53056 47150 73165 49929 91290

71102 09421 98451 29564 19463 68535 32702 47882 07117 16676

99007 27724 13262 69066 43568 55553 60255 73006 60511 12233

20232 56150 31803 57649 84523 56511 70829 45802 92029 93597

65720 44393 28384 93526 94108 73912 16649 26923 50985 00380

94368 07603 49682 07587 03809 08110 13119 75112 53781 56415

74970 42478 67496 07786 24175 67728 92896 72259 54596 99054

41686 77311 86569 14969 96991 74118 99659 63291 66199 32158

87351 32203 82132 24916 95329 09220 08414 93773 96281 56219

81697 92666 94450 83805 47398 29633 52782 91746 97290 59707

68051 52681 16713 13656 38019 93132 87236 04710 33451 28755

73517 17043 11222 20305 86204 65554 79979 10010 33235 25827

23260 81411 61297 89689 77212

= = 428 428 165 165 00000

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

4391 kHz, 10-03, 1922 UTC

=992224??0?????

4171 kHz, 18-03, 1607 UTC

=991907??8????? =991908??8????? =991909??8?????

3314 kHz, 18-03, 1644 UTC

=991944??0????? =991945??0????? =991946??0?????

6425.5 kHz, 19-03, 0924 UTC

=991226??0????? =991227??0????? =991228??0?????

3185 kHz, 19-03, 1439 UTC

=991741??8????? =991742??8????? =991743??8?????

4391 kHz, 19-03, 1530 UTC

=991833??0????? =991834??0????? =991835??0?????

6425.5 kHz, 22-03, 1449 UTC

=991751??0????? =991752??0????? =991753??0?????

6828 kHz, 19-03, 0831 UTC

=12825404977328 =12826404975228 =12827404986328 =12828404907428 =12829404905628 =12628404571230

=12820672453530 =991132??8????? =12822672461830 =12823672462630 =12824672431730 =12825404976830

=12826404975930 =991133??8????? =12820672478132 =12821672479232 =12822672461732 =12823672462632

=12824672438132 =991134??8?????

## M22

6607 kHz, 27-03, 1921 UTC, i.p.

VVV DE 4XZ 4XZ = = VVV DE 4XZ 4XZ = =

AR NW QTC 1 NR 407 = =

NR 407 NM V LU1M 606172 OR4O GR 02 = =

OOOOO JRBRN UUKEN AKXMH IYMEO QGMZW WHUTC RILBD YLXYR APCSQ

QBHGN LLCZX UIUFD MLWMX HDRIX JFWJW UWAMQ FDYQP ZTFOI JRBRN = =

NR 407 NM V LU1M 606172 OR4O GR 02 = =

OOOOO JRBRN UUKEN AKXMH IYMEO QGMZW WHUTC RILBD YLXYR APCSQ

QBHGN LLCZX UIUFD MLWMX HDRIX JFWJW UWAMQ FDYQP ZTFOI JRBRN = =

NR 407 NM V LU1M 606172 OR4O GR 02 = = AR AR

VVV DE 4XZ 4XZ = = VVV DE 4XZ 4XZ = =  
 AR NW QTC 1 NR 907 = =  
 NR 907 AS V RP2A 812272 UG2A GR 51 = =  
 UAUAU LUF BX AMECE LZEJY MIDBK ZIDOQ NGOIY TWQBE FHONC QOIHJ  
 YZXCD MNBWO EMROJ URWYX LUF BX = =  
 NR 907 AS V RP2A 812272 UG2A GR 51 = =  
 UAUAU LUF BX AMECE LZEJY MIDBK ZIDOQ NGOIY TWQBE FHONC QOIHJ  
 YZXCD NNBWO EMROJ URWYX LUF BX = =  
 NR 907 AS V RP2A 812272 UG2A GR 51 = = AR AR

VVV DE 4XZ 4XZ = = VVV DE 4XZ 4XZ = =  
 AR NW QTC 1 NR 017 = =  
 NR 017 PD V KC0X 022272 AL4O GR 61 = =  
 AOAOA YQRZG IPKRO UOTGH YLPAI XBEBJ OAEZT KIEZD IPEZD MCCEB  
 YMEKK TWFCB TQZWN JCUAN YMKON YQRZG = =  
 NR 017 PD V KC0X 022272 AL4O GR 61 = =  
 AOAOA YQRZG IPKRO UOTGH YLPAI XBEBJ OAEZT KIEZD IPEZD MCCEB  
 YMEKK TWFCB XQZWN JCUAN YMKON YQRZG = =  
 NR 017 PD V KC0X 022272 AL4O GR 61 = = AR AR

VVV DE 4XZ 4XZ = = VVV DE 4XZ 4XZ = =  
 AR NW QTC 1 NR 117 = =  
 NR 117 LP V TT3I 222272 YM2A GR 71 = =  
 YAYAY NECSB OLULP OBOCI FKXJW UWICO MSHUF HUDWEP NJRLC DKILT  
 UJQMF MRFMC WHZZG PWQBR ROTDM QNLPU NECSB = =  
 NR 117 LP V TT3I 222272 YM2A GR 71 = =  
 YAYAY NECSB OLULP OBOCI FKXJW UWICO MSHUF HUDWEP NJRLC DKILT  
 UJQMF MRFMC WHZZG PWQBR ROTDM QNLPU NECSB = =  
 NR 117 LP V TT3I 222272 YM2A GR 71 = = AR AR

VVV DE 4XZ 4XZ = = VVV DE 4XZ 4XZ = =  
 AR NW QTC 1 NR 217 = =  
 NR 217 NI V ZX2A 422272 OR6F GR 81 = =  
 OFOFO YIQNA UGKYI DHYSU FGOND DWWMR MUANX QMWDL HQDRP WUEWK  
 YRKNA MCFCN XQSCS JHPFQ XAZPL WCALN QDZTY YIQNA = =  
 NR 217 NI V ZX2A 422272 OR6F GR 81 = =  
 OFOFO YIQNA UGKYI DHYSU FGOND DWWMR MUANX QMWDL HQDRP WUEWK  
 YRKNA MCFCN XQSCS JHPFQ XAZPL WCALN QDZTY YIQNA = =  
 NR 217 NI V ZX2A 422272 OR6F GR 81 = = AR AR

VVV DE 4XZ 4XZ = = VVV DE 4XZ 4XZ = =  
 AR NW QTC 1 NR 317 = =  
 NR 317 LP V LU1M 622272 UG2A GR 91 = =  
 UAUAU CDCUZ DXBCN ZEXHD UAOGTM SJCAU SDIPG XKJNQ LWKAG IOAXZ  
 JYPZC OJFNB WATDI PDGWW SFWJD GJQRX DRYEY RGDEZ CDCUZ = =  
 NR 317 LP V LU1M 622272 UG2A GR 91 = =  
 UAUAU CDCUZ DXBCN ZEXHD UAOGTM SJCAU SDIPG XKJNQ LWKAG IOAXZ  
 JYPZC OJFNB WATDI PDGWW SFWJD GJQRX DRYEY RGDEZ CDCUZ = =  
 NR 317 LP V LU1M 622272 UG2A GR 91 = = AR AR

VVV DE 4XZ 4XZ = = VVV DE 4XZ 4XZ = =

## M23

5340 kHz, 18-03, 1320 UTC	505 (R4h16m)
5340 kHz, 19-03, 0800 UTC	505 (R4h15m)
5340 kHz, 19-03, 1459 UTC	505 (R5m)
5340 kHz, 19-03, 1544 UTC	505 (R3h36m)
5340 kHz, 20-03, 0800 UTC	505 (R4h15m)
5340 kHz, 20-03, 1309 UTC	505 (R4h15m)
5345 kHz, 22-03, 1330 UTC	000 (R13) long zero's
6961 kHz, 25-03, 0810 UTC	555 (R4h12m)

6961 kHz, 25-03, 1244 UTC 555 (R4h6m)  
6961 kHz, 25-03, 1712 UTC 555 (R4h5m)  
6961 kHz, 26-03, 0712 UTC 555 (R1h45m)  
6961 kHz, 26-03, 1512 UTC 000 (R3h26m) long zero's  
6961 kHz, 26-03, 1847 UTC 000 (R2h34m) long zero's  
6961 kHz, 26-03, 2140 UTC 000 (R2h18m) long zero's. I am not sure if it really ended at 2358z. Starting at 2358z a radar raped the  
freq for more than an hour and M23 was gone when the radar stopped  
6961 kHz, 27-03, 0234 UTC 000 (R1h34m) long zero's  
6961 kHz, 27-03, 2113 UTC 000 (R1h47m) long zero's

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

**5253.5 kHz, 19-03, 1427 UTC, i.p.**

8100 097 1576 16 25518  
9512 8100 511 900 00  
9512 098 1576 16 25 179511 8100 511 900  
9512 090 9 01236 9112 00  
9512 090 95 28 29  
9512 090 95 93 30 517 9512 8160 511 900  
9512 090 09548 31  
900 9512 16 31 KKK

## ***M51a / M51b***

**M51a: 3881//6835 kHz, 20-03, 0800 UTC**

VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ

SAMEDI 5/LEÇON NUMÉRO 1/1 VITESSE 420 CODÉ =  
CNDJE QATLD BVCNE ZMALO OWLPS SHDYE BNNXM AKQIU KFJEI 23658  
VCSBS .?,AS VA IW0EJ VXFSR AHQUS VDGWT SHGYW NCGET SAGQY VXTEU  
11976 LMPHO /=.VA' BCGCS SALQO ZNXBS DJWUG SLOWP SNDNW SKAYU  
PW0IE 89650 BXCSD ,AS.,/ CXRSY KOSPO BAERE BVNDJ LK0EI DGFWT  
CXZVA NCBYW 32980 NVHEI .',/? AQPSL MXZNA LAPQI BCVSN SKAOQ  
XMLJA SHQUX VCBSH 45873 LPFOE '/?+. DKWJH BCNSJ CXGAE CBNSW  
+.,/' CAZQS 58236 FZDQH VCBHS LK0IE CXAHQ BCNDJ KSLQI NVBDH  
XZKIW 25869 LMPOS ./?'VA ZAKLD OQPKX BVCNS MXJSI +

SAMEDI 5/LEÇON NUMÉRO 2/1 VITESSE 420 CLAIR =

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

CQ DE FAV22 VA

**3881//6825 kHz, 23-03, 1230 UTC**

VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ

MARDI-LEÇON NUMÉRO 22-2/3 VITESSE 600 CODÉ =  
VBCHD WJSYZ JKAOL JNXCD GCHAI WBNDH AOLDP JKSMH HJWKS HDGRY  
MLJKI HJDLZ UJSGX VCDGR YUZKS WKAOL 63826 UJDKS BXNRY AKSLP  
LKDHC VXKSU YZHSK QLAPM JKDLB NXJRT 63820 17362 XNDJZ WKQLA  
PGHFL CLPEU DJSKA LWNXI UJFLB NCKFU ZIKDP SMZUH 29463 WBSJZ  
LFHVD CBXYR SJAPJ NWKDP SKQIL ZUDG XBSHZ UJSKZ WVXYT HDKAU  
LKFHC VXBDT VPAKD JNXLS WBXYR DGZIJ 37284 TGDJX BSJZU WNXHZ +

MARDI-LEÇON NUMÉRO 22-2/4 VITESSE 600 CLAIR =

APRÈS THE DICTATOR, SACHA BARON COHEN DÉVELOPPE UNE NOUVELLE COMÉDIE POURPARAMOUNT : LA LESBIENNE. IL S'INSPIRE D'UNE HISTOIRE RÉCENTE SURVENUE A HONGKONG OU UN MILLIARDAIRE OFFRAIT 65 MILLIONS DE DOLLARS A N'IMPORTE QUEL

HOMME CAPABLE D'ÉLOIGNER SA FILLE HOMOSEXUELLE DE L'ÉLUE DE SON CŒUR ET DE L'ÉPOUSER. SACHA BARON COHEN SERA L'INTERPRÊTE PRINCIPAL. +

CQ DE FAV22 VA

**M51b: 3881//6825 kHz, 23-03, 1315 UTC**

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

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

FSIIF VNFJD BCTWL CBXND QIWUD CNCZZ MNHLP YVBFS QEAXC 32569  
VCSGW ,.VA' / QRXVC VMFKE PTOIY MJFSD AQEZC VNFMG LGKHI POIYI  
87965 NCJKW .?AS', NMGKT LHPTO YHJJD RFNAR CBDVJ ZXSDW QAWOY  
OPIYU 45698 BCSHW .?,' LGOTM VCGFB ZCSFW BGHUT LHKYP ERTWY  
QIUOF MVNFH 02368 BCSMW ?.ASVA, MBNCX VFGER POQAS XCFDE JGHNF  
LKWUE VBCND MLFKG 54796 BSHWL ='/.? ASQEX VMDSD EWGDD LBKGI  
'.,?. NCDJE 25893 HDJEE LHKTP ZCXAQ BFGEE SHQUK KDLCX ASDWG  
VBNFK 26318 BSHWK 36980 KHJCM LGDHJ CBETJ AQWOT

VBCHD WJSYZ JKAOL JNXCD GCHAI WBNDH AOLDP JKSM A HJWKS HDGRY  
MLJKI HJDLZ UJSGX VCDGR YUZKS WKAOL 63826 UJDKS BXRNY AKSLP  
LKDHC VXKSU YZHSK QLAPM JKDLB NXJRT 63820 17362 XNDJZ WKQLA  
PGHJV CLPEU DJSKA LWNXI UJFLB NCKFU ZIKDP SMZUH 29463 WBSJZ  
LFHVD CBXYR SJAPJ NWKDP SKQIL ZUJDG XBSHZ UJSKZ WVXYT HDKAU  
LKFHC VXBTD VPAKD JNXLS WBXYR DGZIJ 37284 TGDJX BSJZU WNXHZ

MXSKW NCJDA KDOWP BCMJK AZMNS SKWID NXSOQ NXSDF HJCSI 26530  
BCHSW .,='VA BZAH A CXSHA JAQIS NXZKA LDKIW CBSHA ZALOQ BXNSJ  
02148 MDYUG ?/.,AS ZAQIS HXAKQ XMNSA AQPOE CNSHW LDOJF XNWMA  
LDKOW 48901 SHWTD /.,?', MVKDL SAHQB XVSHD DJWIF SALOJ NCSJS  
QAQSD NNCJE 74302 DRWED ?/.,VA' NVBXC NSWPO NDEYJ DJKED AXZVS  
NVLRU LDPEJ WRSFU 43269 HGKRO /'AS,? KDWIC SNSJW VZWPO LFMKR  
DREGN MCEIS MCKDO AFQTH 01658 GSWPO .+', / NSYWP ASQEZ NXHWY  
BXWJK LFPEI CNMWI ZCVQT MVIEW 49635 KFUEI VA.'AS/ VXBAQ KAOWP  
BCHWQ CVDBE FKEIS QEAFY CBDFW VFLPE 41203 SPIJG ?/'VA' ZAJSU  
VXBHQ XHQJS BXBWH ALPQE BCBYD CBXBX NXWPO ?.,' / GDWYD 56320  
AZNXM WLJSS FSWTH BXVCS VMKDA ZBCYQ LSOPD VCNWM 93502 JDIWK  
?.,VA, ZAUSH BDHWA BXVSG GDYWL POFKE NDJAI BVCXA MQIKD MVLAO  
56398 KDOWL .,=' / JXUWG GDJAL PLGOE

GXBWH QJNAJ QKALO QMLKA UJSHD GBXJW SUZTQ AJHDK SOQMA IKDJS  
37281 89374 AIKDH WNBSh APLDJ SKAMP DJSKZ QJAKI QOLAI PDJSH  
WBSGZ 37628 QJNAK WJHSU AIKDM SIKAP QMALU QJNHD GDHSJ ZUHQJ  
AKJQL IJWNB XKCDV QKAJM SPJHF XHNDJ SUJZO QKKAP WNBCH YHDNW  
PLQJU ZIKSM QLKAO YHDGX 53728 10197 XBDGS QNWJR SJZKA PLAHJ  
WVXBD QHAJE SKALP QMLAK JHSGD VXBWN QJHAU SJETS ZJHQB YHSLK  
APMSH WVCGB FMAPL WNBXJ DYHEU 32763 WNBXH SJZKA ILSJH HJDKZ  
WBXVS QJAH I 28719 YGDHX HDGZU 6735/ WBJXU DGAPM WNQHZ HJSKA  
WVXJE SJZHQ AIKSP QLKAU DGCYV WBSHZ QUJAG SJQKZ APMHF UALDP  
WNBXJ ZYSGQ 37219 WBXHD YZIGH QKJNI AIKDL WMQPH BCHRT TGSCV  
AUJJD WBVXH QKJAP OGDVX WGFRT SHAUJ 45287 BWNSH ZUJAP YHDKA  
IOAHG VCFDC XBWHX ZJHNN QKAOL DHSUY //367 GBCJF XJSIK

OKDHS WBXVD QAJAK QLAMP UJGCV DHETS QJHDG XVCJD WKJZI QKJAO  
UJFHD WVXJS ZKLQP 28645 SGWBX JQKAO PLAUH /764/ JNFHD UJDKS  
IKALO SJDGF CJDLA PMQKX WJFML TYHFK DHNND SJEKZ UJSLK UJDHX  
CKDGE SHGDB XNSJZ QKALM PLOLK NCHFK 65483 SGBXJ WJSUZ PLGHL  
XNBDK SKLZM QNWJZ AHJDK WCXVD 53872 WBNXJ 01875 UJDKL WNBKD  
ZYHDK QLKMA HNDJC UJKDL SJHTF SJHTF CBXGR GSHZQ MQJFV PMAUH  
BCVFG SHZYA 37619 NWJSY DGSZH QJNWK ZUJAP LQMAY DGCYV IJFHC  
XBSKA UJQLW NXVCJ SKEUD OLSPA MQKJG CBFGT JDXKC 20617 DHEYS  
WBKHD SJAI O QKLAY DLFGB VSHDF XJSKZ JQKDH XUJEO ZHQJZ AHDJS  
WVXKS AUJSK AJNWJ KLQPE SHGDU ZHDFX WBSJZ HDJSI 36287 10638  
HSGDT XVDJS KQLAP UJDL S XNFGC ZUJSL PAKLD GBXJS ZJQKA PLWCV  
DGVXF CNETS 46382 BXNTG SJAU K

etc.

## ***M89 - Chinese Military***

### **4122 kHz, 01-03, 1201 UTC, i.p.**

AR F NR 1.36/EX 2008 RMKS 9008 TO 9368 =  
Z./YT. AR K  
R F GA K  
R QSL 2011 K  
HR 7G GA K  
R 7G NR 1037 CK 200 50 0301 2000 RMKS 9008 TO 9368 =  
= A3NT UD45 A7UN 543D ...

### **4223 kHz, 01-03, 1148 UTC, i.p.**

TO 2792 K  
= HFLJ/OAQ4 AR =  
HFLJ/OAQ4 AR = (Appears to be Exercise traffic)  
HFLJ/ORQ4 AR K

### **4321 kHz, 16-03, 1203 UTC, i.p.**

FM5 = 55 FM5 EEEEE FM5 EEEEE FM5 I UU3456  
7NNT AU76 A347 33AN 5N7D MSG NR  
MSG NR 3319 CK 49 78 69 034794 91  
= 33AN 4N7D 6NT3 47N4 NUA4 T5.. AN7N 7TD5 ...  
MSG NR 011MX C

### **4663 kHz, 16-03, 1215 UTC, i.p.**

= O8T/WJY AR K  
R QSL 2013 K (Both stations on this frequency)  
R OK RH F GA K  
R GA K  
R HR F NR NR 3959/EX 2014 RMKS 5827 TO 5825 =  
CL4/K2N AR = = CL4/K2 AR  
NR 3959/EX 2014 RMKS 5827 TO 5825 = =  
CL4/K2 AR K  
R QSL 2015 K OK K  
R HR MSG GA K  
R GA K  
R MSG NR 6695 CK 200 31 0316 2000 RMKS 5825 TO 5809 K  
R GA K  
R MSG 1P = ATU5 3N7A 6D34 ND6T U7NA AD5U 5T43 3U65 76DA 4D67 N476 D7TN 3TU7 ...

### **3819 kHz, 17-03, 1026 UTC, i.p.**

K8C5/A9S8 AR  
F NR 47/EX 1826 RMKS CQ =  
K8C5/A9S8 AR HR WK NR 424 QSL ? K  
...QSL 182. .. 161 AR (All stations on this frequency)  
R QSL 4 QSL TIME 1827 HR WK NR 220 AR  
R DE KFHB QSA TIME 1827 HR WK NR 523 AR  
R DE F..5 QSL TIME 1828 HR WK NR 52 AR  
NR DE 8UP. QS. TIME 1828 HR WK NR 454 AR  
R DE ZCKA QSL TIME 1828 HR WK NR 158 K  
R DE L... QSL TIME 1.. ...  
VVV

### **7602 kHz, 17-03, 1032 UTC, i.p.**

567U 543D 6437 D7N3 N5TU DTA3 ATU6 A3U7  
AR  
R RPT .. (Both stations on this frequency)  
R RPT MOW = = ATU6 AR K  
R QSL 183. K  
R SK  
R SK  
VVV

**3974 kHz, 26-03, 1516 UTC, i.p.**

1W TO 02W = P34U45A AR K

R RPT 11W TO 12W BT 5664 56N3 AR K

R OK K

R U WK NR 12? K

R HR WK NR 060 K

R NIL SK

## ***M90***

## ***M95 - Chinese Military***

**4110 kHz, 01-03, 1206 UTC, i.p.**

R IEC = 3870 AR K

R IEC = 981. AR K (Exercise related)

HR 7G GA K

R GA (Both stations on this frequency)

R NR 006/CCK CK 3169 0301 2005 RMKS 5964 TO 5431 K

R GA

R 43NA A4D5 5T7D TN5N N47T 36DA T76N D457 TTTA TTA4 36TA ...

**4122 kHz, 01-03, 1136 UTC, i.p.**

3546 7NDA 5UT3 3NDT A7U4 ...

AR

05 05

5555 = A3D7 54UN T5D4 A75N ...

**4243 kHz, 01-03, 1146 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**

**4243 kHz, 01-03, 1150 UTC, M95: CW**

VV HR 7G TO YR PSE CY

NR 02 CK 201 35 0301 1532 =

UTU TTA 3U6 3A4 7TU ...

**4364//8073 kHz, 01-03, 1130 UTC, V26: USB. XSV85 callup in Chinese voice**

**4364//8073 kHz, 01-03, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages**

**4364//8073 kHz, 01-03, 1142 UTC, M95: CW**

V BNGC (x3) DE XSV85 (x2)

HR MSG GA PSE CY

NR 0193 CK 401 35 0301 1603 =

TTA 3U6 3AN 3U7 TAU 773 357 37U 35N ...

**4243//9054 kHz, 05-03, 1143 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**

**4243//9054 kHz, 05-03, 1150 UTC**

VV HR 7G TO YR PSE CY

NR 078 CK 40 35 0305 1533 =

5AA UTT TT5 3U6 7TA N44 3A4 5T7 5TD 75U ...

AR A HR 7G GA

NR 060 CK 21 35 0305 1550 =

UT5 TT5 3U6 3A4 TTA TTU TT3 773 353 UTU

354 75D 37D 4UT 44D TTA TTU 773 46N 4D6

3D5 AR A HR 7G GA

NR 71 CK 15 35 0305 1552 =

UT5 TT5 3U6 7TA TTA TTU TT3 773 4UT 44D

TTA TTU 46N DD7 NT6 AR A HR 7G GA

NR 10 CK 211 35 0305 1605 =

UTU TT5 3U6 3A4 7TU 7TA NU6 7T5 ...

**4364//8073 kHz, 05-03, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages**

**4364//8073 kHz, 05-03, M95: CW**

V BNGC (x3) DE XSV85 (x2)

HR MSG GA PSE CY

NR 0201 CK 297 35 0305 1631 =

TT5 3U6 3AN 3U7 TAU 773 357 35N 373 4T3 NNC ...

**4243//9054 kHz, 06-03, 1142 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**

**4243//9054 kHz, 06-03, 1147 UTC, M95: CW**

VV HR 7G TO YR PSE CY

NR 080 CK 42 35 0306 1511 =

5AA UTT TT6 3U6 3A4 5T7 5TD 75U 353 4TA

446 3DU 33U 34T N3U 445 3DA 4D6 5TN 75U

353 4TA 447 3D3 346 N3U 446 3DU 4D6 5AA

77U 355 34T 346 3DU 33U 34A N3D 4T7 445

3DA 4D6 AR 7G AGN

NR 080 CK 42 35 0306 1511 = (Repeats message)

AR A HR 7G GA

NR 12 CK 151 35 0306 1610 =

UTU TT6 3U6 3A4 TTU 773 353 N3D 35U 4TA ...

**4364//8073 kHz, 06-03, 1130 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages**

**4364//8073 kHz, 06-03, 1138 UTC, M95: CW**

V BNGC (x3) DE XSV85 (x2)

HR MSG GA PSE CY

NR 0203 CK 332 35 0306 1611 =

TT6 3U6 3AN 3U7 TAU 773 354 364 4T3 NNC ...

**4243//9054 kHz, 12-03, 1143 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**

**4243//9054 kHz, 12-03, 1149 UTC, M95: CW**

HR 7G TO YR PSE CY

NR 092 CK 35 35 0312 1516 =

5AA UTT TAU 3U6 3A4 5T7 5TD 75U 353 N3D

35A 4A5 33U 34U N3D 4TN 445 3DA 4D3 5TN

75U 353 N3D 35A 4A5 445 3DA 4D3 5AA 75U

35U 4AA 445 3DA 4D3 AR 7G AGN

NR 092 CK 35 35 0312 1516 = (Repeats message)

AR A HR 7G GA

NR 24 CK 164 35 0312 1602 =

UTU TAU TAU 3U6 3A4 TTU 773 354 373 34A ...

**4364//8073 kHz, 12-03, 1140 UTC**

V BNGC (x3) DE XSV85 (x2)

HR MSG GA PSE CY

NR 0215 CK 330 35 0312 1635 =

TAU 3U6 3AN 3U7 TAU 773 TU5 773 356 4TU NNC ...

**4243//9054 kHz, 15-03, 1141 UTC, V26: USB. Callup in Chinese voice**

**4243//9054 kHz, 15-03, 1142 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**

**4243//9054 kHz, 15-03, 1145 UTC, M95: CW**

VV HR 7G TO YR PSE CY

NR 098 CK 52 35 0315 1539 =

5AA UTT TA5 3U6 3A4 5T7 5TD 75U ...

AR 7G AGN

NR 098 CK 52 35 0315 1539 = (Repeats message)

AR A HR 7G GA

NR 30 CK 195 35 0315 1607 =

UTU TA5 3U6 3A4 TTU 773 35U N3D 353 DN7 ...



**4364//8073 kHz, 15-03, 1130 UTC, V26: USB. XSV85 callup in Chinese voice**  
**4364//8073 kHz, 15-03, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages**  
**4364//8073 kHz, 15-03, 1139 UTC, M95: CW**  
V BNGC (x3) DE XSV85 (x2)  
HR MSG GA PSE CY  
NR 0221 CK 217 35 0315 1637 = ...

**4243//9054 kHz, 16-03, 1140 UTC, V26: USB. Callup in Chinese voice**  
**4243//9054 kHz, 16-03, 1142 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**  
**4243//9054 kHz, 16-03, 1148 UTC**  
VV HR 7G TO YR PSE CY  
NR 001 CK 29 35 0316 1525 =  
5AA UTT TA6 3U6 3A4 5T7 5TD 75U 35U 4TA  
445 3DA 4D6 5TN 75U 35U 4TA 446 3DU 4D6  
5AA 75U 35U 4T3 NAT 4T7 445 3DA 4D6 AR 7G AGN  
NR 001 CK 29 35 0316 1525 = (Repeats message)  
AR A HR 7G GA  
NR 096 CK 15 35 0316 1600 =  
UT5 TA6 3U6 3A4 TTA TTU TT3 773 35U U4T  
353 4UT 445 4D6 3DA AR 7G AGN  
NR 096 CK 15 35 0316 1600 = (Repeats message)  
AR A HR 7G GA  
NR 32 CK 129 35 0316 1617 =  
UTU TA6 3U6 3A4 TTU 773 353 4TN 336 N3D ...

**4364//8073 kHz, 16-03, 1130 UTC, V26: USB. XSV85: callup in Chinese voice**  
**4364//8073 kHz, 16-03, 1130 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages**  
**4364//8073 kHz, 16-03, 1135 UTC. M95: CW**  
V BNGC (x3) DE XSV85 (x2)  
HR MSG GA PSE CY  
NR 0223 CK 154 35 0316 1542 =  
TA6 3U6 3AN 3U7 TAU 773 TA7 773 TAD 773 ...

**4642 kHz, 18-03, 1116 UTC, i.p.**  
TN7U N5DA A6UD 63TU T3NA 375N ... AR K  
R (Other station also on this frequency)  
R QSL 1918 K  
7G GA K  
AS AS  
HR MSG GA NR 021/CCK CK 91 34 0318 1920 RMKS 0860 TO 4433 K  
R GA K  
= T4U6 T37A 7AD5 ...

**4364//8073 kHz, 18-03, 1130 UTC, V26: USB. XSV85 callup in Chinese voice**  
**4364//8073 kHz, 18-03, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages**  
**4364//8073 kHz, 18-03, 1138 UTC, M95: CW**  
V BNGC (x3) DE XSV85 (x2)  
HR MSG GA PSE CY  
NR 0227 CK 256 35 0318 1625 =  
TAD 3U6 3AN 3U7 TAU 773 TA7 773 353 35N 4T4 NNC ...

**4243//9054 kHz, 18-03, 1144 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**  
**4243//9054 kHz, 18-03, 1148 UTC, M95: CW**  
VVV HR 7G TO YR PSE CY  
NR 005 CK 27 35 0318 1519 =  
5AA UTT TAD 3U6 3A4 5T7 5TD 75U 354 4TA  
445 3DA 4D3 5TN 75U 354 4TU 445 3DA 4D3  
5AA 75U 354 4T3 445 3DA 4D3 AR 7G AGN  
NR 005 CK 27 35 0318 1519 = (Repeats message)  
AR A HR 7G GA  
NR 36 CK 138 35 0318 1537 =  
UTU TAD 3UD 3A4 TTU 773 353 U4T 354 4445 ...

**4243//9054 kHz, 18-03, 2340 UTC, V26: USB. Callup in Chinese voice**  
**4243//9054 kHz, 18-03, 2342 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**  
**4243//9054 kHz, 18-03, 2347 UTC, M95: CW**  
VVV HR 7G TO YR PSE CY  
NR 004 CK 17 35 0319 0558 =  
UT5 T.. 3U6 3A4 TTA TTU TT3 773 3.. 336 N3D  
354 37U 4UT 445 3D 4D3 3DA AR A HR 7G GA  
NR 006 CK 47 35 0319 0700 =  
5AA .TT TAN 3U4 3A4 .T7 5.. 75U 354 336 N3U ...  
AR A HR 7G GA  
NR 37 CK 073 35 0319 0..9 =  
UTU TAN 3U4 3A4 TTU 773 353 N3D 354 336 N3U ...

**4364//8073 kHz, 23-03, 1137 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages**  
**4364//8073 kHz, 23-03, 1143 UTC, M95: CW**  
V BNGC (x3) DE XSV85 (x2)  
HR MSGS GA PSE CY  
NR 0245 CK 26 35 0323 1555 =  
TT3 N44 TU3 N53 TAD N54 7TT TTN 746 7T5  
77T 6TN 7AA 773 ..3 NNA DU4 7U4 U6D U5U  
7T5 6T7 7AD N47 3AN 7U5 AR A HR MSG GA  
NR 0246 CK 426 35 0323 1600 =  
TU3 3U6 3AN 3U7 TAU 773 TA7 773 357 ...

**4243//9054 kHz, 23-03, 1150 UTC**  
VV HR 7G TO YR PSE CY  
NR 015 CK 57 35 0323 1529 =  
5AA UTT TU3 3U6 3A4 5T7 5TD 75U 35A U4T ...  
AR 7G AGN  
NR 015 CK 57 35 0323 1529 = (Repeats message)  
AR A HR 7G GA  
NR 46 CK 154 35 0323 1614 =  
UTU TU3 3U6 3A4 TTU 773 .34 N3D 353 4AA 336 ...

**4364//8073 kHz, 25-03, 1130 UTC, V26: USB. XSV85 callup in Chinese voice**  
**4364//8073 kHz, 25-03, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages**  
**4364//8073 kHz, 25-03, 1138 UTC, M95: CW**  
V BNGC (x3) DE XSV85 (x2)  
HR MSG GA PSE CY  
NR 0250 CK 254 35 0325 1612 =  
TU5 3U6 3AN 3U7 TAU 773 353 3T3 NN3 446 ...

**4243//9054 kHz, 25-03, 1143 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**  
**4243//9054 kHz, 25-03, 1150 UTC, M95: CW**  
VV HR 7G TO YR PSE CY  
NR 024 CK 20 35 0325 1... =  
UT5 TU5 3U6 3A4 TTA TTU TT3 773 35U N3D  
357 36U 4AD 445 33U 446 4D4 3DA N3D 3DU AR A HR 7G GA  
NR 50 CK 178 35 0325 1615 =  
UTU TU5 3U6 3A4 TTU 773 335 3N3 354 34U ...

**4364//8073 kHz, 26-03, 1130 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**  
**4364//8073 kHz, 26-03, 1135 ITC, M95: CW**  
V BNGC (x3) DE XSV85 (x2)  
HR MSG GA PSE CY  
NR 0252 CK 210 35 0326 1648 =  
TU6 3U6 3AN 3U7 TAU 773 353 35N 4T3 NN3 ...

4243//9054 kHz, 26-03, 1140 UTC, V26: USB. Callup in Chinese voice  
 4243//9054 kHz, 26-03, 1142 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages  
 4243//9054 kHz, 26-03, 1149 UTC, M95: CW  
 VV HR 7G TO YR PSE CY  
 NR ... CK.. 35 0326 1525 =  
 5AA UTT TU6 3U6 ...  
 AR 7G AGN  
 NR 026 CK 71 35 0326 1525 = (Repeats message)  
 AR A HR 7G GA  
 NR 52 CK 177 35 0326 1549 =  
 UTU TU7 3U6 3A4 TTU ...

DIGITAL MODES

HM01 - Dirección General de Inteligencia

Date/remarks	Groups	Files
01-03, 1558 UTC. Repeats groups of 21-02	51514 44183 62432 46057 44658 31544	10655151.TXT 63204418.TXT 31026243.TXT 27864605.TXT 35664465.TXT 58183154.TXT
01-03, 1628 UTC. New groups	75303 50751 37182 21666 12427 72422	45747530.TXT 81285075.TXT 06063718.TXT 00572166.TXT 31541242.TXT 36627242.F1G
02-03. New groups	75304 50752 37183 21667 83561 72423	45747530.TXT 81285075.TXT 06063718.TXT 00572166.TXT 65868356.TXT 36627242.F1G
03-03. New groups	75305 50753 37184 21668 83561 72424	45747530.TXT 81285075.TXT 06063718.TXT 00572166.TXT 65868356.TXT 36627242.F1G
04-03. New groups	75306 50754 37185 21669 83562 72425	45747530.TXT 81285075.TXT 06063718.TXT 00572166.TXT 65868356.TXT 36627242.F1G
05-03. New groups	75307 50755 37186 42341 83563 72426	45747530.TXT 81285075.TXT 06063718.TXT 36104234.F1G 65868356.TXT 36627242.F1G
06-03. New Groups	75308 50756 37187 42341 83564 72427	45747530.TXT 81285075.TXT 06063718.TXT 36104234.F1G 65868356.TXT 36627242.F1G
07-03. New groups	05161 50757 75721 42342 83565 72428	20620516.TXT 81285075.TXT 50657572.F1C 36104234.F1G 65868356.TXT 36627242.F1G
08-03. New groups	05161 22341 75721 42343 83566 72429	20620516.TXT 07882234.TXT 50657572.F1C 36104234.F1G 65868356.TXT 36627242.F1G
09-03. New groups	05162 22341 75722 42344 83567 55481	20620516.TXT 07882234.TXT 50657572.F1C 36104234.F1G 65868356.TXT 67205548.TXT
10-03. New groups	05163 22342 75723 42345 38221 55481	20620516.TXT 07882234.TXT 50657572.F1C 36104234.F1G 83033822.TXT 67205548.TXT
11-03. New groups	05164 22343 75724 42346 38221 55482	20620516.TXT 07882234.TXT 50657572.F1C 36104234.F1G 83033822.TXT 67205548.TXT
12-03. New groups	05165 22344 75725 42347 38222 55483	20620516.TXT 07882234.TXT 50657572.F1C 36104234.F1G 83033822.TXT 67205548.TXT
13-03. New groups	05166 22345 75726 42348 38223 55484	20620516.TXT 07882234.TXT 50657572.F1C 36104234.F1G 83033822.TXT 67205548.TXT
14-03. New groups, repeated on 15-03	05167 22346 75726 81501 38224 55485	20620516.TXT 07882234.TXT 50657572.F1C 18868150.TXT 83033822.TXT 67205548.TXT
16-03. New groups	05021 06631 02232 81503 38227 24561	76620502.TXT 61140663.TXT 50880223.F1C 18868150.TXT 83033822.TXT 48682456.TXT
17-03. New groups	05022 06632 02233 81504 38228 24561	76620502.TXT 61140663.TXT 50880223.F1C 18868150.TXT 83033822.TXT 48682456.TXT
18-03. New groups	05023 06633 02234 81505 50741 24562	76620502.TXT 61140663.TXT 50880223.F1C 18868150.TXT 66785074.TXT 48682456.TXT
19-03. New groups	05024 06634 02235 81506 50741 24563	76620502.TXT 61140663.TXT 50880223.F1C 18868150.TXT 66785074.TXT 48682456.TXT
20-03. New groups	05025 06635 02236 81507 50742 24564	76620502.TXT 61140663.TXT 50880223.F1C 18868150.TXT 66785074.TXT 48682456.TXT
21-03. New groups	05026 06636 02237 56481 50743 24565	76620502.TXT 61140663.TXT 50880223.F1C 12885648.TXT 66785074.TXT 48682456.TXT

22-03. New groups, repeated on 23/31-03	05026 06636 02237 56481 50743 24565	76620502.TXT 61140663.TXT 50880223.F1C 12885648.TXT 66785074.TXT 48682456.TXT
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**10861/8187/6939 kHz, 01-03, 1015/1025/1035 UTC**

82114 35001 33771 84870 79473 37301 21915 04428 49481 38590  
 35287 59344 31438 20691 84637 86553 00903 90875 28660 66206  
 67105 12641 46634 78673 26693 18231 19775 05001 34775 07579  
 44700 88012 79181 63367 27464 96246 68886 36881 31604 57908  
 72524 84358 78619 57029 67947 58513 24331 09025 88751 84915  
 59564 57832 78713 77934 08574 61813 90076 75907 23670 60625  
 86618 00244 99471 40221 37448 68135 55221 38199 12454 13577  
 58608 56654 15357 96359 89533 74752 15298 03758 67250 78188  
 62890 74566 89322 47728 01697 00196 55839 74027 11036 82499  
 77318 90896 41093 53033 89737 44219 26236 83425 25136 38695  
 87505 41545 11216 29611 60193 73163 98388 51810 07460 13786  
 37698 03064 05925 60353 58058 24018 14166 57489 16252 41914  
 60067 77985 18111 70266 07951 02217 34334 81681 91432 26168  
 59364 96012 22936 52757 86778 51031 15809 46154 99605 47808  
 79968 53770 99041 87985 77020 25613 19959 45136 45797 85690  
 06693 37386 34229 35155 47499 93497 98509 91873 91157 29599  
 55486 96106 94124 78743 99202 36995 71708 40484 17546 79528  
 51670 42666 69920 96696 53710 32600 11910 36495 43274 39831  
 77829 78488 33107 77665 57140 59612 31000 75665 25646 73895  
 57169 60274 17409 75797 79698 25791 48324 41854 41484 62850  
 27303 70297 77126 36615 15977 23364 43196 31865 22884 41962  
 10316 07162 43061 87385 90501 25291 78985 89772 98189 52157  
 03803 07986 68392 41321 52773 30610 80426 46372 53882 72741  
 60641 28323 33547 48280 62584 50201 58359 62584 50201 58359  
 22383 48052 76051 16501 25855 21695 62947 88111 76509 96862  
 42708 78675 48981 61664 99911 35668 13716 08724 74717 20016  
 51020 92878 82783 92405 51304 76113 58714 24280 38852 90176  
 87896 50742 05069 46564 75139 07534 62138 48543 23576 19287  
 53021 84924 22259 31233 78749 10258 65876 01553 28936 41134  
 55038 96562 26445 23298 50572 55918 22163 49242 80252 20022  
 00802 30982 21408 36835 83678 57686 07858 90257 39397 92868  
 34583 17293 38390 90810 58607 06155 12234 36910 19495 92529  
 03694 41646 27919 96166 18425 42844 95735 64989 14276 95926  
 05993 18908 89119 56845 46328 10537 53167 87367 54175 44983  
 96682 37424 47224 25916 89050 84186 37580 20079 70127 32575  
 53042 57462 19815 06879 13955 09295 16794 88174 39060 11063  
 22357 77238 78795 22733 50276 87628 99460 43369 08641 98633  
 66716 22333 24607 22773 01821 34254 87997 67530 09068 09957  
 74681 96020 97852 40528 35683 16264 47799 96724 62943 53760  
 90398 30895 67683 87061 05581 53604 32307 51005 56673 02166  
 21767 37323 12169 43242 65345 47291 27754 76720 44788 76132  
 87022 33051 49713 33826 24324 81216 86248 32043 78172 89548  
 49830 91883 48663 06552 98094 52093 57334 87427 00000

**10861/8187/6939 kHz, 02-03, 1015/1025/1035 UTC**

55685 66401 42942 38821 00909 33935 82517 20350 97426 13915  
 34519 66558 87890 05424 98439 70297 88478 23982 00100 76749  
 80554 28640 70861 98273 78613 30421 33587 62926 66674 43047  
 00020 20127 20319 61884 09282 51877 56565 82057 62164 62992  
 78759 91653 30915 48768 08672 00966 49197 63531 22989 93704  
 11912 38505 36395 11128 39574 22427 98407 05007 86921 43357  
 96187 20390 00456 15122 80477 94077 54588 36816 56886 79767  
 21100 58814 09681 35788 51575 13720 50296 36376 77518 35698  
 07731 92418 57836 16619 03031 92611 28366 72458 75035 00963  
 33143 18390 49591 71579 42096 76005 69402 88097 00000

37436 67231 99362 16615 15088 39649 04004 61473 92079 10264  
 96207 72344 66695 39622 99286 43698 75812 09735 86457 32409  
 32780 07251 65450 24570 80249 81336 36661 69985 81376 93449  
 10770 14024 97842 01194 96773 81523 28132 43447 96360 92435

04496 18946 65582 13895 72050 75505 29730 78396 98434 52086  
62389 22789 87481 40871 64581 27734 95321 61547 04942 62364  
72369 64993 06873 63787 79625 08536 93607 06147 52735 69984  
27117 38928 12235 92618 01809 99176 43428 78325 78940 27340  
94330 89081 00000

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

16574 11815 83106 71269 76976 86835 52042 29152 52638 97452  
72039 90553 00987 17304 18783 46369 13886 67600 82774 46345  
01272 79058 97742 34888 38953 74629 73061 06888 16499 52730  
28607 75759 46172 75628 55491 70870 18834 92713 51117 06557  
17749 53300 01985 89897 26252 88685 12688 59463 90189 68116  
04540 72193 21090 58383 32270 80612 50987 41709 92217 67566  
74850 71624 20474 30665 41543 71522 04393 33619 79255 05579  
55931 66655 66352 76712 20236 83208 83556 31298 17918 05067  
08432 75291 44465 13160 38080 31483 75214 66178 51000 92531  
49331 14222 44043 49510 31228 99641 05407 00609 72863 62284  
09599 69706 25359 91320 45311 89501 73362 90835 12145 28867  
90614 51380 47114 69143 40136 44671 66880 59036 67482 83615  
36637 02819 60502 14860 01605 61523 74042 36044 42049 71808  
43022 54951 37779 12184 32335 32739 53052 71294 96994 78438  
77826 97935 50980 86914 86303 37502 68201 37467 98686 84537  
64042 95264 57103 06102 30896 82797 51624 15611 26150 13543  
57317 01860 36047 05016 68278 42911 63860 13407 39561 59529  
15830 56993 72971 87855 83278 20498 07629 76007 44371 57601  
01263 34294 33924 33779 13169 93727 54737 76666 24753 52530  
28847 26120 58621 15310 12179 01186 82137 54600 20997 26135  
06391 49459 43624 82786 16513 80793 35839 81267 94278 88116  
23417 66437 18931 17423 60222 02126 57164 14853 15314 00408  
78205 45854 87493 88069 54932 44519 70723 27482 36961 22777  
18870 34046 06652 94147 83197 57416 53946 91725 21052 18675  
31009 85095 99176 20653 72578 25856 40091 73584 92984 76447  
84979 03279 95758 01968 71509 33999 56785 29662 50046 63238  
66918 05778 86665 70574 45020 04470 26432 27795 57329 68443  
15368 02481 04134 86023 04546 72236 59653 34337 84750 91744  
76085 43295 25145 79845 87752 60066 14380 18827 76276 18724  
27577 83101 82738 44753 67632 39467 77733 49116 54273 86145  
25283 91550 59304 22764 01533 17793 11486 68492 54167 00422  
19479 70510 13487 37990 86287 69989 91087 92159 13651 17786  
27068 67502 19808 57028 71714 63664 19085 14786 12592 54587  
36728 70006 82990 74461 57437 89910 12647 15109 31021 52034  
06693 64479 83622 94099 63769 40941 07947 58904 69229 03071  
30931 26421 24380 39609 82292 50292 97699 69287 12395 40902  
08960 05198 32866 62225 82198 63404 78406 34622 28478 20488  
13235 60789 44367 49690 30585 17040 37078 90366 18722 77093  
12204 30432 91891 60587 84998 06468 09648 23474 01114 51210  
33001 32501 77760 43073 90819 90963 01213 37421 54916 07911  
41594 84260 47276 27998 70889 62048 27835 64172 95117 82301  
36278 00376 36601 90413 00000

**10861/8187/6939 kHz, 04-03, 1015/1025/1035 UTC**

46540 69098 88532 27256 95248 65217 80745 90060 36240 96341  
23756 24770 21650 50570 70142 29698 95163 81946 43226 61957  
19866 68463 20833 25008 59701 38128 59382 57853 69243 36536  
25497 61847 71446 34382 27323 26028 28069 98356 62734 36922  
32473 73852 26637 83768 79460 52925 44522 95084 91858 25951  
24495 67511 08523 40406 44931 72895 63457 15220 19982 54517  
10740 84125 10083 48425 74924 66454 69683 90802 31629 88811  
49362 97306 47985 06065 94524 25321 37635 95087 07877 55046  
09967 19697 67850 50391 18280 90213 20171 85570 36561 66098  
84766 48376 19562 75080 45184 91095 00000

15677 86598 65989 18624 44002 25974 56597 65209 69166 35539  
35932 83399 87532 63591 52884 29643 16288 45738 08904 03249  
87302 92975 92145 85881 88364 16582 95698 01467 06459 63271  
87091 32444 52784 59033 21248 53306 74197 85102 14088 67362  
80772 34500 18964 57659 44158 22568 73114 87996 46421 49955  
06322 14986 84073 41478 28974 97077 56955 09299 41695 11496  
96668 13854 33759 15024 14259 20980 62445 09576 71806 78664  
30557 98487 07650 61862 04254 44471 69890 58820 38415 65162  
37903 97338 01709 27212 36510 92085 00000

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

Null message: 5761 00000

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

**Wrong shift: 1000Hz. Unreadable**

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

**1015 and 1024 UTC: wrong shift: FSK 200/1000. Unreadable**

39576 36131 77021 81671 78872 24503 25134 87367 02460 65134  
77600 75458 67688 95138 46828 17128 51260 76905 14168 41181  
82424 57831 97341 14918 66118 79764 66406 67690 19484 55339  
94179 86815 70199 53398 52093 40547 90070 60676 87372 07778  
62307 11950 42525 19172 05933 05823 03031 39412 05756 48351  
84203 45242 21352 91684 93149 79001 73482 59912 26758 82338  
31391 79308 91664 39777 49419 55154 57129 86847 26378 62336  
76755 62443 86105 41895 40000 10110 02657 20723 39401 57947  
18559 96589 64472 31813 29573 55692 58185 94087 00000

15249 29687 30484 50842 26318 56238 14070 97051 69381 84667  
86935 40648 12115 64182 24185 77532 10954 36595 08108 60239  
09006 94673 63644 94019 10246 21828 00597 66625 22151 74088  
67257 35213 84002 90304 45153 18822 22997 41504 39592 69849  
05397 55349 45698 22971 74869 76628 94620 44940 95238 49724  
09606 33705 39805 33983 26621 40272 94438 87939 59219 11769  
66637 83325 12323 79137 17716 34800 74627 37883 60336 56338  
44305 95337 88558 80218 67689 82860 32590 99548 95647 56418  
55440 20262 87305 33978 33644 33519 15828 43163 89273 44464  
55941 77589 65385 18266 57870 85338 62127 29375 37402 37993  
75676 95101 00000.

**10861/8187/6939 kHz, 10-03, 1015/1025/1035 UTC**

02720 09823 18253 41101 64525 81019 52546 41524 98441 44656  
16316 64765 18937 80188 17357 77410 71995 57844 83353 75572  
01640 89989 12437 06421 01312 06803 45319 97619 04813 29709  
26205 30611 96477 40998 44651 18686 45273 73080 75577 75775  
92513 65806 59608 86905 47875 65229 09291 62481 73397 62639  
04859 13703 60162 96173 82304 05959 27337 65305 13313 82964  
98262 29791 86877 15740 33291 92628 99211 66479 24037 90089  
97662 76877 78747 37317 02460 45609 53477 02934 73477 30917  
08743 11079 14213 39223 96359 94340 30151 85720 06138 45989  
83716 37875 27135 44973 12989 77769 03139 52107 06386 44236  
87084 00881 50478 40716 24075 31345 93147 19771 17714 40492  
89255 80195 59416 47584 21023 37669 25403 97856 10310 54873  
71052 53040 64963 42026 77305 42137 26450 63755 28812 70885  
10937 13271 28496 13354 61015 39740 78239 34108 50265 39845  
80366 14373 07832 49421 39614 80638 55209 96136 70280 59150  
72425 99146 38230 04710 35802 26654 92464 77227 94486 47321  
65912 64477 77940 36461 50162 74467 51575 22960 73796 45886  
62715 87852 39031 50050 44086 50496 96346 82788 67002 03286  
61788 69715 61457 80832 06634 33308 45292 74561 74111 95252  
29633 28648 02857 12462 92784 78249 61789 70245 39771 59512  
61158 81024 89714 97374 49115 62063 58212 21886 09434 90643  
26947 49339 38538 60103 17677 38787 58038 85211 12808 20109

81562 30280 89739 34482 60872 58479 61169 04639 80893 25773  
38535 20849 33377 67926 60791 53555 23839 54014 55715 28617  
91512 04874 25901 26081 46954 99932 76666 88427 57030 20855  
28032 49223 31943 05445 77968 18132 93998 10232 09110 83195  
32805 05199 56101 16351 76574 49062 75787 93099 34235 18566  
87412 62278 88026 90214 75033 26859 41271 97881 69323 21733  
51010 14740 50963 99391 00192 32939 42792 59467 89090 39485  
82929 83046 50665 11732 96025 57720 19515 80960 04857 04280  
09150 37444 49435 41021 77237 75461 05826 46582 83538 01693  
21856 07246 70191 55426 11911 59665 19061 14023 77999 64921  
65813 82065 49268 74884 75429 87646 57170 76779 08817 34217  
88464 26924 35239 81437 83225 09561 70216 53473 70072 81722  
43615 98169 55783 90072 27597 45541 11499 70655 79113 39014  
22687 67490 76644 37864 95074 30962 55863 14278 33715 81914  
73911 93485 37391 52428 56974 10397 75539 39174 10847 81171  
39881 30315 99176 13179 87941 91879 19066 01770 20661 24538  
28726 87295 61268 26733 06874 70833 27614 25095 48548 12023  
15148 58076 27042 57486 32726 23749 76637 73236 58444 27700  
75826 79540 07670 91957 35708 11651 30475 10898 23247 54861  
80645 65050 74088 27312 23467 28768 74606 08988 74461 32661  
17875 96421 00000

**10861 kHz, 11-03, 1015 UTC, FSK 200/1000. Wrong shift. Unreadable**

**8187 kHz, 11-03, 1025 UTC, FSK 200/1000. Wrong shift, corrected after 2 mins. Too poor to copy**

**6939 kHz, 11-03, 1035 UTC, FSK 200/500. Too weak to copy**

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

Null message: 5761 00000

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

17363 77474 94380 14581 88597 22015 22119 94372 72629 65484  
45753 92711 08842 87383 50757 51801 57343 08748 19713 46630  
78507 33562 58178 08089 17291 14121 40191 44227 78272 69984  
21834 01847 02365 15249 96308 35606 81103 73793 88951 76843  
69494 87212 15622 19286 83313 45108 52912 63842 91828 92429  
93612 89667 41866 93554 85860 43683 74161 57799 79429 65742  
17932 56033 27574 91625 74612 83104 17884 01056 26688 45745  
30581 02925 32559 80658 47688 74911 93379 32464 61526 99678  
02813 46202 55951 64842 15621 54062 58791 18904 96052 61054  
88915 00313 31948 59281 46358 81878 25501 25512 18957 97684  
96627 81755 03927 44724 59856 23494 67819 76423 60708 45289  
93285 30246 82470 18441 86111 56567 59329 00375 40925 41012  
56781 80466 89047 37428 05271 91970 76904 53697 97987 44754  
48440 57560 88760 58521 29975 94661 50985 01205 40942 35968  
83528 62232 78940 96791 74540 15335 52538 94565 59112 50596  
60274 37585 31724 80427 39286 61891 99410 49159 31995 58485  
86590 00927 44312 58065 27489 85551 93771 65467 07104 07091  
71050 61002 36633 44757 63301 10876 74321 00887 12738 53874  
27653 55640 08920 56510 97823 33141 38153 53815 52443 08714  
38471 17959 37391 11936 33609 21890 63778 05168 44425 90186  
30935 42261 01199 54298 71376 37138 05244 54371 28678 96909  
13282 54841 04198 99236 42999 65988 33583 18625 23235 88628  
79002 31318 37239 24147 48034 53503 32433 17040 75154 92504  
95106 22176 26763 15641 13502 13939 15676 66463 77704 79462  
36034 83029 89802 63129 54553 97925 82716 54532 19068 24709  
71178 37071 70288 60463 83267 39390 67725 59161 45947 56835  
65707 55508 23051 35106 00436 43964 29139 33321 74013 42631  
67684 08648 46377 96685 66992 89713 71090 01060 12336 30968  
35906 47034 97695 65194 94061 22457 45588 96343 97233 20255  
68378 99903 66088 34939 69552 22958 59362 51781 08354 01152  
27429 58355 76242 34736 61259 33131 58611 90878 72743 90804  
80185 24434 67289 89056 57559 34363 94645 26417 07292 97973  
88891 85941 83014 50190 33512 04368 39973 00026 12516 71450



50449 01454 33529 89159 18506 20851 33792 45427 67478 68224  
05007 82138 98655 84381 97970 62042 44603 01256 92928 64275  
65536 17558 46593 63192 62207 56948 51754 70179 03732 00918  
70429 43147 93792 13559 26481 93381 23661 00428 68651 44452  
85474 68662 39939 22852 44199 80571 14266 85071 91727 17861  
86356 10775 31539 98687 25794 16789 67369 14747 31156 71570  
94312 80551 45201 14857 15812 12115 17014 12173 34957 77212  
22074 98894 93546 84416 76161 93548 57330 03083 04054 85035  
70890 31481 48943 23472 30581 55268 33514 69326 48977 63467  
08619 80550 09264 14160 50490 42377 33000 67078 92420 99429  
00000

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

96540 96877 21799 17908 57441 82512 32102 62383 56234 16656  
94241 82837 70472 63612 87436 38817 90158 09696 99773 28357  
68421 10367 32649 53909 69944 26137 49046 07525 15594 39434  
26612 79946 46668 69612 01446 23329 57214 28292 13554 22251  
67851 82217 89899 52717 39535 15827 25991 33836 50698 10714  
51934 01865 86209 84168 93906 61297 11589 53994 66972 92699  
30906 21775 60181 21964 51821 91792 99895 80678 06176 67771  
02272 12299 99603 94644 50843 03807 88569 37532 60139 47544  
08298 15100 11271 62913 00008 29520 70432 32622 10911 60180  
26252 33174 65393 13370 06917 64281 30835 01097 00000

37106 74897 99940 59130 17648 11571 55382 07933 75765 53463  
25156 77403 21354 48648 17675 24823 91862 14630 46702 25238  
68652 63847 77637 96625 71565 20297 29358 02892 42663 81950  
05081 01885 55053 08666 50651 30622 07763 40270 63718 44906  
92570 74510 02227 55525 43764 59549 65657 28221 06731 80703  
47466 39618 86344 46106 82143 06294 61070 00986 35350 29180  
73727 25237 10549 20486 34856 93992 70579 05332 99610 05860  
97618 15266 04137 08527 39943 15878 72347 76417 18963 35668  
29052 20082 94930 88386 80373 02085 00000

**10861/8187/6939 kHz, 17-03, 1015/1025/1035 UTC**

82173 34995 30127 88084 50241 52181 89259 94593 61116 18815  
86767 18952 42695 04053 91740 98190 13013 37484 24276 68517  
06693 35180 54448 03908 86666 52004 32623 11443 39574 52382  
12060 88057 78297 16719 49736 68418 00062 25643 96329 18587  
73536 89273 11302 55184 53380 13695 64015 94722 45666 21825  
06823 62804 72619 70862 31064 17871 10115 33507 41919 69188  
96356 35138 13036 93764 35197 64135 06887 81868 42517 97527  
71785 65863 09107 09173 51499 12018 78497 52630 68395 79999  
63160 35939 66064 79728 47532 30474 22350 80280 51286 81070  
68727 50533 51305 09607 76968 36233 85769 29233 99026 03179  
88823 11428 71085 01204 29241 73081 17699 28649 51531 75775  
16977 02008 42925 54471 12732 60439 74678 17763 84543 59826  
91126 86918 11670 36079 44935 65863 91738 42356 01975 59314  
00169 89905 64263 81246 01248 47205 84415 20879 46803 77087  
70028 58365 23420 16546 01453 47380 34117 28899 11372 06790  
25445 83010 99643 88589 95927 39241 81825 14297 46785 46837  
94836 96994 60886 82417 08179 91200 20854 84274 14167 37759  
02277 62156 95596 95942 02947 87224 94296 79937 94074 91883  
28987 41927 04417 34145 35906 68931 73247 06249 30616 85607  
33113 92194 91200 20854 84274 14167 37759 02277 40049 50632  
47098 54227 74145 21488 53909 04365 72341 85467 16073 12727  
33022 38979 12960 37860 32386 55358 48047 56105 21938 16141  
24008 30808 43286 28757 49934 42171 46152 60334 29125 19940  
20538 42310 00873 46101 78999 25529 34698 19801 49951 90510  
00462 01644 67940 42586 62790 79585 71837 46588 73260 23586  
46868 80772 58767 21225 71435 14667 29529 11461 54661 40538  
55154 58721 75590 13155 82215 34511 59990 77540 91759 98732  
55686 89401 20204 97896 92371 57917 92041 22414 36824 65587

37805 90159 79472 44807 95721 48496 13250 15878 20496 11933  
90665 16127 47657 77627 70038 74823 86915 85899 86832 13594  
42954 17956 11019 77000 87104 48007 76420 22997 28336 91967  
92957 27918 56999 19927 77746 85723 59761 24572 65984 06159  
29172 62764 87550 41531 16291 12437 20276 96785 99824 12022  
55802 02572 70202 74575 38984 55983 52030 93807 66754 58662  
13363 84181 57413 06958 35226 22297 26248 13813 39839 81716  
28454 67088 00955 78445 55266 53995 84772 69242 94259 06325  
94855 69946 89740 46172 19489 86013 64177 36833 04911 72444  
86603 68564 02870 65304 98928 33895 65930 51996 36097 72177  
88970 72504 01037 88059 20305 68778 80322 73575 90882 24447  
11508 88536 34985 62054 38047 78904 00859 89999 12760 37849  
74735 16377 35761 39164 66669 71895 37804 97731 31620 09060  
44978 36733 24231 69824 85673 66274 10744 38878 25793 03140  
86465 24767 43102 86327 72251 36036 76687 68090 88421 44578  
12453 03431 00000

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

80977 91895 31314 13802 84483 10475 35204 17024 63505 40362  
59625 19420 03794 17623 96403 12618 00960 82681 34550 51106  
49694 95206 78434 61902 85833 13157 86778 58213 48434 71928  
12122 55543 54059 24532 45471 13682 00462 28745 95806 53005  
41843 92176 59151 18535 02889 11173 56861 90180 23754 64513  
47859 62621 53198 47834 44467 43248 32053 59697 86548 41606  
34205 75272 53636 48792 57287 68544 19735 30213 80269 68999  
80486 80174 30123 63715 07393 11717 24759 80803 08764 80143  
84427 15139 02106 63683 28753 82303 27613 49709 01610 11698  
57465 04091 00000

82910 02406 44131 59484 22259 53004 50295 75597 26446 77889  
23669 33209 98199 05031 50757 73120 57903 93257 85253 36531  
50208 34060 00795 47556 50348 51925 36388 59116 87353 89141  
64201 10644 26341 86023 34409 71053 77081 92472 76772 65387  
21018 71831 63641 08604 73930 82956 64081 94923 26434 51453  
43788 16186 29493 66007 90500 07641 17145 60751 69583 44623  
83621 69604 39477 38544 57042 63522 81692 05632 36892 06594  
25053 06872 87441 91926 68854 82565 04319 43248 34643 29966  
96415 93173 01288 97408 50309 74067 03054 93388 69386 82444  
95333 34015 04877 02837 17760 05095 00000

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

Null message: 5761 00000

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

73120 44317 63817 37625 06767 70898 98141 64672 60840 43935  
19151 61251 63401 65131 17375 65039 03012 53145 40372 60193  
07264 55006 43579 00341 01498 58414 45556 53543 77366 53358  
29807 80172 25967 16480 60378 79635 15195 16636 03408 66874  
16039 65088 71823 64605 07478 58760 35367 22203 14684 89994  
63147 97192 60213 21252 90888 60268 32873 48196 30087 09794  
03945 99586 61233 06706 45473 47430 78322 65769 30277 25823  
76803 64114 18399 81916 02187 52998 59657 07463 01478 83728  
67009 24346 44629 83680 40393 22572 08201 43352 45754 74124  
38421 00394 78928 71145 35817 31540 69078 61865 28624 88398  
01368 82725 27153 38020 63564 10131 76294 94190 46248 80268  
48360 50383 51332 50427 43447 50308 88561 00263 89497 57003  
64691 96441 59267 06385 95030 69096 46366 56223 92034 73539  
67569 66455 10632 35670 83595 71783 54988 04503 55510 32507  
76368 60271 78981 74499 16812 51525 63545 54292 78290 59684  
49073 10193 22044 14453 76646 85373 27776 08564 56003 33871  
67404 85274 96758 45435 73047 97047 95580 50158 03939 58869  
96510 88834 41948 44626 66620 59971 70417 99992 54178 79407  
15965 70257 21535 13456 57986 66523 69892 71525 35502 18736

98165 69157 06066 88952 63102 97395 36405 43311 32872 59459  
29494 06128 51287 60619 17733 44552 54867 62256 76931 57242  
09914 35995 40781 65465 61801 78888 20504 30084 13651 75572  
59359 42862 76598 18320 76706 65518 58825 20959 81307 14976  
85546 87564 58548 18238 67141 21875 61277 85330 57626 88371  
58949 73750 70633 60955 24749 42855 45104 20153 65395 21625  
77879 84805 23309 38253 65363 89158 05829 84978 21464 41307  
21171 16618 63990 23916 25804 06223 86688 23174 12951 06303  
59114 96900 96879 89055 21529 17753 72689 64035 66989 52468  
56270 96700 27850 63079 34126 76283 08832 41038 77746 06403  
33867 10187 02222 16879 98905 59517 73779 20169 47854 91653  
95933 60876 13860 97985 28941 31759 93105 96414 22237 54677  
43313 92621 64553 49929 24146 50813 81398 42392 21689 84881  
34586 77925 24197 05904 03503 48460 41305 86933 52804 49223  
83879 31011 16221 16519 46704 53334 51167 19523 61181 13531  
43838 04515 10245 58958 69480 14988 22664 64985 37526 36076  
88933 83177 76286 36739 65927 33331 36865 08129 62514 00294  
21020 21597 23317 21509 62617 54761 52801 76215 17404 59075  
46887 12252 40753 67345 24266 71389 58098 64619 74611 99139  
57722 70899 65874 49977 60598 09102 77844 23901 46975 56710  
54171 95288 44381 04563 90029 19970 06743 71196 97616 31461  
39308 46204 16665 62293 49053 61026 62171 51386 25270 10628  
26510 06411 00000

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

38605 99774 53226 80010 44101 03116 54616 37237 15914 61971  
04776 52126 34141 88713 00019 53477 53982 90376 05665 93652  
41041 88889 75962 41910 06712 41796 76440 89935 04617 68154  
32146 86775 74002 09295 50201 45346 41057 79134 90102 87721  
14066 83723 80221 21366 33356 14722 03936 63521 61970 46489  
03814 55922 27988 91470 77319 37029 54454 93580 62445 63975  
37839 64248 36734 01396 60974 90841 78109 19354 51390 72131  
60964 67524 21014 60495 85939 17841 48142 15554 66833 92785  
87638 98913 23075 21510 20297 64710 51203 07087 00000

71640 94368 19695 36908 61640 32460 16534 82591 45444 68167  
77241 90652 76637 19887 21131 69261 29051 96678 68078 65715  
53802 02257 52257 03891 10276 08620 84025 62402 00712 47742  
02138 04439 63093 94771 83483 95183 02028 41169 02529 67778  
62294 81225 57650 23753 74766 60391 06557 78872 29376 58872  
77975 90326 54821 08901 51801 26206 09696 69147 24878 63203  
14738 04697 04632 23468 80869 46022 97701 86566 12736 25407  
85795 37474 92414 14244 05930 36539 72985 09649 77252 22355  
36571 08081 00000

**10861/8187/6939 kHz, 24-03, 1015/1025/1035 UTC**

43219 24469 27147 63546 89789 13350 73484 13761 77934 61610  
63293 59529 61410 07140 06604 28915 45060 71793 75850 74885  
22704 44563 90485 42129 29960 39458 75121 01543 35454 45281  
77156 82089 18836 09480 54807 54701 09059 23276 71481 47922  
81342 00249 57448 99980 36271 65557 24718 76968 09455 98006  
46095 11823 85193 92122 34319 43804 12586 32438 82244 63136  
47515 97172 49993 90519 68953 33497 10015 46195 43012 71565  
86002 88238 33198 69502 46579 24790 80281 06537 39724 29891  
00248 66467 78842 17624 73738 78650 16448 54239 25440 08689  
66369 12962 16855 16019 60437 01152 00883 20580 50572 14529  
11658 45755 92230 98123 88077 29761 70129 18660 54464 22693  
52195 78051 06783 11391 82673 22695 77876 39339 50336 28257  
80131 13756 92719 64631 49026 17091 22345 70761 36000 65101  
85839 94018 24065 78693 91910 73807 64623 61725 69100 74109  
58903 01953 39269 94631 32465 37307 17735 15258 76209 54693  
76010 53491 52331 13495 28078 39568 88646 10973 26134 38936  
09740 31746 76744 76788 78365 48543 13352 44329 45537 66408

86058 91466 32749 27556 54643 35625 94763 19055 95730 41345  
36402 50531 60060 50389 81774 94077 40793 67007 19395 03562  
38784 28074 71604 55512 35774 12779 61755 78777 11424 71542  
77583 65135 65131 78875 54210 78055 28579 39837 25209 01791  
79930 04802 15178 97982 95637 72209 72256 61983 00773 83997  
64012 96063 03837 43390 85153 41709 26978 09740 50490 38183  
67560 50112 71590 99544 52012 52288 40560 27316 67900 28887  
69393 00980 85166 67284 58328 13492 02458 05024 91636 44008  
79491 35400 84303 85001 41398 72907 28013 65959 65969 33237  
09892 40859 89756 07518 02449 31587 93951 35474 48134 44514  
55993 07206 86973 02401 77832 48265 00702 58813 26796 67717  
71836 87258 49982 73888 81135 62207 48135 87464 91868 74198  
19924 06647 94341 46217 12572 04049 09111 43525 39768 60011  
72331 94140 52807 62038 51668 62145 75885 25025 66213 41015  
41492 11987 08839 59154 86842 59948 94436 14829 97277 40710  
82471 82674 07579 11157 47284 58982 97124 32808 94590 37936  
39838 65292 47610 35996 94852 63438 51257 06617 48843 32661  
67838 12477 45948 22340 62690 47427 66232 61877 03200 25323  
38619 69107 19633 77945 99235 85769 01227 29190 31100 19712  
25967 37706 46103 98522 47495 25197 95203 64276 87584 32531  
17788 64079 07616 70892 66128 16101 57501 60121 65873 55787  
25478 71461 98513 91931 37227 16887 16755 27298 77739 52189  
28742 23487 34380 86037 12067 14718 84571 12169 43496 00233  
76554 06919 55364 70000 76647 59266 54560 43402 81441 25593  
65051 25600 18389 26328 79879 11269 83191 26681 33564 90370  
87455 09421 00000

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

67603 48885 78456 99968 89991 48325 85721 49399 16620 48681  
72694 55824 34590 07898 16277 14674 50621 82392 87706 02813  
27419 52668 99323 06141 90459 00961 11602 48471 41115 20633  
98854 13867 37072 61997 97093 79613 25960 44247 82430 02028  
43158 88187 53496 22292 09682 49458 16300 84483 91114 56930  
94960 83011 03510 85969 16766 81621 77206 21244 44971 71186  
14483 88773 57805 58438 02006 61909 97087 02855 63997 70918  
34932 43876 67064 70873 31936 85637 12620 47533 85320 31413  
77848 65892 90449 84949 91135 91101 64163 60891 52915 36434  
03365 10091 00000

40898 16856 75965 01631 73153 34767 27897 69172 30251 17096  
23260 62126 63520 64897 64368 52296 08127 09737 62736 40689  
61264 73401 81382 87779 27244 62086 49495 05599 71660 05984  
04150 85067 51829 80229 38767 57028 15686 68123 62989 10400  
86322 52583 03683 15907 74360 46749 01726 28803 85341 99695  
84298 69042 14328 38171 17340 02329 44892 30309 67870 70480  
94695 82259 30867 44549 74829 03657 00374 99129 55119 02878  
89543 31300 52568 98022 29282 72624 85137 54556 00208 67668  
58042 85543 77585 11083 0000

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

Null message: 5761 00000

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

87458 01146 68622 89795 82624 46541 14819 73831 52733 70064  
14042 61460 65914 98573 06603 59384 56442 82216 12158 85497  
86809 73574 69184 84994 22019 67847 79626 72350 33259 89999  
88403 47630 73170 39826 52474 60541 89873 30861 79133 20682  
71962 84074 38240 77418 41635 62286 78055 17829 38160 56248  
99378 56147 58860 58315 67681 13156 49808 84662 67904 08951  
63409 31962 31629 17524 25073 79479 91291 56603 76147 72513  
41143 11182 85321 48127 09626 14174 45657 89088 72871 32640  
99465 16989 63996 33015 58196 60441 57885 23780 09538 59328  
36151 99007 28911 91013 61956 31229 37538 29469 19389 87052

74296 73243 97075 63973 73511 03226 20715 71812 65908 56118  
64231 07224 44887 24584 94230 94702 65322 19978 27431 92537  
67066 58627 05790 87138 40347 57571 18973 24184 75252 50720  
28893 50020 62480 61359 75971 61756 37545 91936 71836 89480  
85628 17074 08130 59048 49268 90738 36113 08875 06058 03516  
96765 59163 08561 50907 06056 57022 03614 98614 25079 45886  
73212 55721 69741 32702 64174 91731 39684 51298 98747 58388  
71134 45390 83369 02216 43373 19645 57760 78723 93490 32255  
51532 04206 19147 27453 40505 06078 73998 31401 19920 57686  
85487 59899 36729 08522 49686 11354 48165 45793 82877 43425  
98756 48271 34563 56813 32996 18368 91577 34606 85830 03369  
28019 10635 18189 41762 80648 65265 89693 95611 54479 72077  
85785 54891 88222 43848 41424 24735 34292 51297 28551 31539  
33032 13029 99524 08839 85887 80085 03685 48917 57177 63587  
19259 31068 59170 78862 67782 62462 00154 04523 03232 92542  
00169 79920 93045 86896 04123 89417 33232 71536 46934 06914  
64744 83528 50437 99060 83314 88907 56690 10606 59927 53812  
27414 80308 14135 79780 64226 60853 07382 39146 29359 41208  
48540 71468 71555 94857 28846 26933 86835 02360 28402 67663  
68803 21649 61469 62882 28196 04536 52700 38856 86360 82833  
61524 69563 72345 72548 96863 19022 78283 69583 89365 71214  
52774 35368 13351 08549 36937 95880 75643 24793 72826 02485  
13493 83415 38899 28008 68762 57282 92222 96531 30572 10624  
22105 70291 63591 09246 44838 42152 64160 69876 94247 07091  
11429 84632 87720 11111 05709 81505 72423 01045 11211 06831  
81367 23668 45378 40657 54036 47563 81971 80974 01248 06190  
60128 57716 18940 85565 16555 62494 80575 05024 83054 04987  
62839 64476 16576 31926 84333 56609 53968 69624 61939 67466  
08631 75964 14548 13846 51241 12813 68841 90945 41760 74766  
46810 28712 04885 35197 39695 80303 66155 95507 98049 91133  
90886 48559 92592 21904 93124 92185 25559 24096 06802 53750  
97219 91324 36300 11674 57267 35018 28582 24870 95753 57850  
34101 06031 53263 23363 48665 99696 55012 45217 53444 51048  
98566 44510 95312 76363 49851 48600 74704 71062 27156 12439  
00000

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

70975 33576 57387 78660 61962 17371 85029 81986 13039 89416  
50739 48786 92495 84985 74998 77054 43215 58019 00146 16644  
80249 87762 17298 72624 51389 00336 67978 82182 65395 28696  
37645 50994 17614 59402 83291 60003 67624 39646 62326 78551  
48634 42961 54903 44793 13299 17076 96903 99327 45655 62321  
65739 83002 93852 14048 86182 34801 03374 27483 48408 50776  
55436 88465 55416 89951 40246 98499 42049 38132 19816 07562  
32770 65566 60011 93096 30407 39389 36526 08647 53031 13079  
00000

69042 46706 49365 81962 04357 52954 01935 16211 56334 35164  
17865 86555 93074 01684 53118 18978 50328 35436 18194 20349  
09297 51685 10669 59865 97580 71509 26342 43555 55453 21945  
03692 55290 34665 98723 81313 62732 21944 52545 73038 11666  
04392 84827 90409 57146 18973 63852 67211 04895 53259 97282  
65742 61394 89638 21939 69506 16108 10172 96819 92017 04267  
04268 10268 56414 23661 46397 37241 25550 03870 35997 07619  
87270 51374 16780 71475 24543 18986 17617 72271 25150 73025  
82199 63885 10607 56697 79650 32434 89018 73091 13283 08818  
61537 36250 69693 82919 37131 14095 00000

**10861/8187/6939 kHz, 31-03, 1015/1025/1035 UTC**

63797 98975 98583 19325 82179 45326 96189 04886 38932 80395  
60772 37562 68993 53452 86603 03336 50392 70253 55467 51144  
02883 79925 39828 52465 04631 52181 57658 19207 00413 12054  
14865 59589 99755 24341 96248 76694 88453 44940 90938 39382  
01901 81265 63233 80260 33679 28941 04797 00392 77839 76941  
29129 85419 28307 98381 94269 62820 83854 69143 64654 54942  
32086 81511 48072 07545 10852 45026 68658 98504 70548 91720  
61857 56390 85731 27953 02301 43586 89490 99995 00525 83654  
29003 65587 29482 37621 65726 88633 66770 58879 68651 99226  
63523 81391 74068 86202 75897 20876 10258 14388 20096 93679  
10580 83752 36864 82998 63362 72642 76398 07167 72059 32277  
39594 69666 24085 24707 36591 95578 91788 21420 48529 84136  
13991 04773 03473 32087 31522 39443 02430 07532 75207 06096  
56408 78955 29727 14432 20439 29107 21793 37832 35515 08439  
06080 36759 14378 07780 47351 63124 32085 54934 22206 62794  
07306 64898 88902 18434 85269 98374 98673 99864 58322 08270  
46996 14132 85006 78879 88232 72467 93624 87427 62083 16332  
81201 42656 05310 69729 43808 80160 47128 09978 99155 19143  
11751 74120 87425 10284 76479 43177 61248 29411 58811 71409  
00789 96661 30985 52790 14863 25814 85399 41879 14025 33484  
99360 71264 66570 62881 72568 32787 73379 01786 35807 14718  
22556 99470 54258 12076 09774 12223 73877 52282 35301 32168  
84286 03333 13606 79093 96592 56678 56510 59931 59595 02001  
15808 25616 62810 36064 96295 79990 99738 72843 75151 20447  
89840 47109 88600 14999 82625 28651 71799 45459 92315 93386  
28847 14278 36513 90202 07113 94760 77304 80715 22048 29217  
88249 27479 09705 04972 95681 14479 26617 62673 67765 82122  
47744 16748 49743 97225 85169 92618 68814 71146 47514 67549  
57074 68251 51017 69785 65966 71899 18212 15673 70667 00134  
25134 89470 87853 88271 83005 95514 55288 80568 65333 37432  
46655 98160 16341 04102 20093 75456 01704 67033 23846 82178  
87491 18863 07497 73236 58282 07648 12186 33616 10368 46651  
38289 10477 80990 04303 13961 49650 99567 04019 13003 78706  
71807 88579 95478 03807 32687 28739 69529 12502 29205 80762  
97808 99673 18867 22580 96988 58823 94823 23236 03772 05858  
73605 25331 05842 27603 06404 45136 61189 72197 99807 20072  
54263 23577 56966 58242 62368 27224 75090 69698 30756 59374  
60241 84133 79847 56872 45341 84694 93017 49852 22346 12583  
58388 64443 24517 22159 63058 87679 19719 91206 63217 11810  
00705 16074 78569 00178 83295 46359 84518 41885 48422 38833  
00538 87401 88939 35290 98174 82326 47172 94012 77115 41477  
54120 29534 82761 30501 06253 40393 63736 47191 40848 29562  
92786 15421 00000

F06 – FSK 200/1000

Link 00000

**9300 kHz, 16-03, 0540 UTC**

11100 00000 00000 16059 00049 00000 00000 00000 00000

Link 00052

**18969/16358/14713 kHz, 10-03/11-03, 0900/0910/0920 UTC**

11166 00052 65478 10080 02479  
05780 86473 10791 62902 32580 33892 66838 97203 36120 40449  
86684 80087 45159 20505 70620 30456 12468 44440 77556 52906  
20876 53885 94921 55935 44682 54392 95754 06184 99287 08979  
00202 04649 66020 80996 83589 95808 81508 99747 98268 45596  
71289 47298 01419 49157 32353 89916 05990 54327 94288 02575  
96984 11776 13738 59964 80252 87743 81836 92443 55999 00314  
49328 30368 34178 65157 99044 85235 33981 61695 20437 41090

34579 55593 65840 54609 69339 38558 93173 87326 80671 71343  
24741 18419 77713 40925 76842 11496 64036 67771 39873 33831  
27554 24142 13590 51478 09829 49371 27252 48693 96961 73049  
99303 45116 99243 82065 16302 09148 11774 92417 35764 90947  
73218 11765 42631 23504 64898 03623 14035 65204 17403 89170  
72050 82351 16902 47581 29122 95052 28363 00832 55855 34929  
77842 93922 25862 88081 61047 06445 17340 21740 70359 56428  
76077 18051 57494 82415 69577 63422 74005 14700 86973 66881  
56794 71655 64442 05864 50837 42101 40784 22894 86300 39644  
72878 21569 52245 39927 65673 35306 34091 36729 96430 67277  
07046 77841 37883 24972 02678 66681 10012 97830 90813 40551  
15128 51375 43967 61502 35930 36289 76466 80737 01252 35869  
75476 62476 49160 00299 66106 78238 42116 41173 77785 07475  
13866 84711 04099 05475 52758 07110 73256 24512 51178 00446  
71413 99131 75781 42600 85989 31552 38213 69611 61210 38088  
71008 73908 83035 42558 38349 76869 35671 27594 36379 49126  
96855 79802 62748 77057 64091 89706 60096 98922 29035 92417  
63131 59049 42209 59962 04029 80245 00000

**18969/16358/14713 kHz, 24-03/25-03, 0900/0910/0920 UTC**

**24-03, 0900 UTC: Sent only block null till 0902 UTC.**

11166 00052 36152 24081 02639  
28634 47475 83242 31327 50255 23674 40928 84375 36120 67325  
68874 92775 30781 26888 30838 57609 01418 69356 74258 53454  
91055 53101 88237 87025 14297 31286 14348 19970 23295 59281  
77462 91759 65974 04521 28787 03623 49430 82237 18297 49446  
38186 65519 38743 04587 42009 43110 08439 08531 72955 23414  
84993 02339 76346 08115 27205 06817 65360 83876 47264 52338  
13918 05534 20499 96275 87562 69235 44811 88956 17013 98957  
67016 74099 44078 94841 18260 34657 94629 16778 25709 20007  
58300 01688 92691 15427 79624 37930 64493 39795 90274 45275  
21975 82450 37113 33884 70215 15148 85722 40729 14358 40049  
04116 66889 39856 59688 56311 64167 39298 79848 60454 44461  
52997 81282 91182 10319 15552 21220 30907 30132 25531 50598  
99722 06388 80510 57952 18601 10434 44617 75904 85586 82172  
40784 11186 69661 18148 84900 84130 51971 96433 04041 88587  
69112 11793 05967 08168 38141 19510 92087 49786 68024 11368  
31056 80424 87196 72182 35210 78049 41913 90345 07022 32635  
45102 20801 47760 58213 80385 23913 45545 01907 90959 28640  
84986 60860 08041 93466 45590 43031 98528 63524 81123 32753  
36618 47348 97121 47035 29002 61690 68729 93511 48395 17845  
66061 65989 55029 47909 79267 38542 10837 94427 60498 44058  
15989 11848 24945 48218 22491 53239 78155 54806 04513 40691  
61800 03312 90142 42847 35093 44755 84259 08005 34034 06669  
37205 26222 75676 83184 38939 18857 99600 11144 43375 78993  
63781 18191 52582 11183 37040 53774 15528 43933 55260 38989  
21069 13400 33566 96215 89864 41698 51646 44468 94898 58281  
54402 71416 65313 37827 35123 17996 53215 53066 93365 36553  
68175 81261 000000

Link 10053

**16359/13986/11523 kHz, 02-03, 1650/1700/1710 UTC**

11166 10053 14785 02073 00049 00000 00000 00000 00000

**16359/13986/11523 kHz, 09-03, 1650/1700/1710 UTC**

11166 10053 34568 09001 00049 00000 00000 00000 00000

**16359/13986/11523 kHz, 16-03, 1650/1700/1710 UTC**

11166 10053 15823 16001 00049 00000 00000 00000 00000

**16359/13986/11523 kHz, 23-03, 1650/1700/1710 UTC**

11166 10053 78541 23001 00049 00000 00000 00000 00000

**16359/13986/11523 kHz, 30-03, 1650/1700/1710 UTC**  
11166 10053 45689 30021 00049 00000 00000 00000 00000

**16245/14356/12138 kHz, 07-03, 1510/1530/1550 UTC**  
11166 10053 79561 07001 00049 00000 00000 00000 00000

**16245/14356/12138 kHz, 14-03, 1510/1530/1550 UTC**  
11166 10053 17935 14001 00049 00000 00000 00000 00000

**16245/14356/12138 kHz, 21-03, 1510/1530/1550 UTC**  
11166 10053 15478 21001 00049 00000 00000 00000 00000

**16245/14356/12138 kHz, 28-03, 1510/1530/1550 UTC**  
11166 10053 35482 28001 00049 00000 00000 00000 00000

Link 40122

**18189/16046/14459 kHz, 03-03/04-03, 0600/0610/0620 UTC**  
11166 40122 74512 27036 04849  
53375 32640 42226 96316 21910 72287 94746 77510 56680 69356  
92170 05014 96019 74670 59393 32183 26113 91203 46513 60662  
85923 42458 89474 37330 20653 83517 84080 18131 69674 84463  
21828 40998 99873 40844 60998 75042 20348 90877 31430 38191  
39371 44087 96434 00486 49602 51042 20265 15199 52440 68907  
14597 44978 57480 02475 62444 75191 18009 25373 42965 31673  
88464 11142 05570 45048 14815 28854 66792 28825 93780 82980  
28353 63448 61838 02174 39843 03496 99954 06674 54484 50203  
64976 09006 51386 56518 83616 27673 22746 56847 69978 18523  
49434 38710 52553 53474 13384 98467 21624 01298 20243 48327  
33017 90135 30718 66795 29148 56446 24044 09782 63275 10058  
42018 24537 37928 70029 87045 33601 93421 51000 72615 80966  
07411 04704 49668 57635 91421 46361 57270 48754 95286 20614  
71043 69522 55428 86698 47790 82056 47929 27546 89747 10399  
32327 12501 76898 95853 97065 68325 40801 59856 42546 38214  
78348 66531 62713 33463 28909 02159 11111 07515 63291 13718  
62355 07054 57951 73698 04946 79832 52897 63372 26371 43929  
58808 19703 77928 06286 01626 08129 24861 30490 98001 04982  
74903 64188 56868 15931 36459 24663 15974 61433 45378 34004  
75007 61099 80548 65836 72960 39255 85452 21823 14414 75132  
12861 23897 74441 46120 34862 33152 36808 37532 85404 31331  
45165 17297 27560 25849 71910 99047 62665 64287 34422 42012  
23558 69302 13338 61166 19073 29876 52570 46074 22007 09859  
45754 11858 17712 59726 38804 30736 55537 42504 03270 17562  
70279 09787 60183 67811 65843 88791 59084 71435 78299 66386  
41901 51046 60518 81025 46391 97842 55581 58535 28812 03734  
51140 52686 10524 13095 31932 76480 78202 42579 72610 35111  
92353 42447 38117 96507 83815 97821 83737 60426 42938 93338  
72070 12002 31123 89597 49070 70724 69420 84883 46358 70747  
83852 60560 01992 33495 12178 33614 16885 18483 01755 64745  
89047 63304 53218 95474 92858 48709 89633 12688 95534 49724  
55833 64059 28000 58739 77614 72791 52336 91511 35489 25110  
93002 12008 32669 28945 24012 37040 61982 67252 29248 06622  
01393 94388 78126 30979 92834 48995 83759 50167 84021 81829  
35842 67220 37942 21965 25420 40766 39710 29814 03751 48062  
55473 10404 42428 54374 23053 85340 86962 49637 79017 46908  
21012 38343 51860 42727 83438 93590 75984 64423 05390 11222  
06177 38732 59580 25012 37252 44485 38978 68811 58562 03916  
07062 96614 98062 21710 86857 96467 35607 70261 80920 59163  
90175 44541 39478 87660 10712 35043 18889 58158 25264 92235  
97626 68775 28108 80940 41980 36759 09560 48111 38632 30168  
58131 52407 36330 44968 89757 29037 63826 63471 83746 88285  
16274 55061 30161 71173 27262 05146 18318 10680 68691 83263



21079 71969 45666 86290 54637 70065 78587 17683 18477 88397  
89652 88691 45194 46663 35926 52486 14874 91452 56186 07130  
13699 08054 23724 28333 41491 76892 22291 17937 97858 23041  
87377 79051 01652 32226 80010 53795 23399 31777 85257 84569  
35427 59960 52623 84799 09337 72122 20537 30095 15536 57091  
92096 05753 36482 00000

**18189/16046/14459 kHz, 10-03/11-03, 0600/0610/0620 UTC**

11166 40122 28934 06037 02889  
90230 52951 81725 47474 40718 29942 18655 38000 52724 36766  
36246 90880 79519 71681 60339 83033 19344 69123 54290 62181  
40473 93786 33156 36495 23181 19189 00235 76047 60784 01633  
60655 99530 86955 85527 91712 44661 21492 00989 74620 45705  
51730 39660 17383 66588 91796 19702 23465 62992 86869 75868  
85953 71899 54653 35627 11887 52018 81249 67247 06457 23526  
13602 10802 71758 80556 15721 28011 99773 74889 80855 31880  
64283 94263 16819 82049 41401 83759 46638 56813 13390 83679  
91726 37730 35484 82377 29766 67774 70378 07462 44480 68954  
20082 03819 09490 30344 09825 71883 73437 02461 03698 64613  
38573 58933 56725 66574 49980 11383 33045 03611 37635 88470  
44895 56508 78483 15048 92077 77100 70731 52327 06617 30253  
37521 85039 32260 10174 02196 66496 93542 04458 02330 57497  
34089 04347 34719 20026 28836 84595 48515 51669 99871 01423  
28690 71694 90575 81954 37021 94723 77745 03614 02781 52944  
26401 86885 80330 52796 16952 49903 15780 77060 99413 98286  
89934 68302 54363 48667 29682 54598 65321 09352 05040 03484  
32249 66539 54022 15065 80840 49558 02531 90220 47307 73527  
71458 34848 43342 82911 88177 86078 30934 44383 44616 71398  
61751 62439 69101 36623 60747 16217 04164 03655 58697 40927  
07482 43963 03358 02366 18158 78726 03909 37918 55519 41566  
88398 62512 42622 64823 78861 62949 71647 75304 13794 29049  
53387 10436 72683 95047 17991 90766 82281 89695 59176 09761  
09295 18471 39079 26806 69192 26371 95938 74385 05813 14699  
21804 15350 21466 10303 02440 11218 62197 10678 36635 87453  
87929 53400 77091 06660 82147 83308 60078 85603 80820 15871  
16045 17045 25256 20194 78384 82272 68558 70084 32520 65312  
90399 36628 72515 04724 99767 20694 57394 43939 30396 48837  
84349 66069 58555 81000 21040 24121 37286 00000

11166 40122 45682 06038 02729  
51029 05569 16409 71197 22534 63367 99263 17187 23075 79101  
43366 66336 19326 49491 24096 29402 09377 61546 34280 34462  
28320 39234 11313 31255 13696 89472 60854 78432 85492 20874  
44303 49654 20385 33681 22218 19473 24897 04328 70892 14936  
37173 13076 14257 43854 12062 88142 38301 35662 69177 64780  
80203 55819 08642 82733 09356 79678 24187 70503 42470 36769  
68313 89881 59952 61421 49179 39158 15736 10687 63923 38473  
57762 35468 98095 45726 01285 15820 45890 76493 22200 96341  
30866 26380 62585 82608 31847 19265 65627 84571 43680 29844  
82134 17869 27548 53944 15820 98990 30514 25017 99538 95217  
79007 00264 19674 15294 75900 64834 30851 51753 55905 27520  
28171 10845 78951 06392 69156 90990 66235 27820 62584 95724  
08638 87305 66407 92032 02197 45570 61943 50043 90305 58334  
96514 25006 17352 63222 11744 67488 23454 72243 99673 72737  
35017 43262 53908 05134 30756 28925 07961 58686 87915 26453  
77997 39494 38334 76762 52162 81122 89074 86328 93670 28826  
87282 70250 49863 53554 33974 39935 84397 81686 76439 83857  
74781 51414 33943 14820 42417 31737 36414 82149 07357 64980  
80812 72281 84951 18796 34857 46152 66583 58563 42808 86852  
51665 76146 12984 55968 23098 35931 91704 82048 83375 24088  
53349 29647 93514 11992 61218 22358 82014 69742 78872 18302  
16012 90720 36661 61483 51841 13112 83105 57473 07168 49344  
75835 46836 21899 59375 91763 74752 00045 28763 61184 80274

49729 37453 55490 53641 63528 30238 83186 35101 06332 24804  
73890 53675 02911 18317 55011 29301 42376 78482 50793 86788  
41727 30014 58409 55036 35660 72446 80786 49931 84842 90240  
20868 64385 19825 41106 66981 13934 62788 33485 24006 11339  
38270 00000

**18189/16046/14459 kHz, 17-03, 0600/0610/0620 UTC**

11166 40122 52641 17069 00049 00000 00000 00000 00000

**18189/16046/14459 kHz, 24-03/25-03, 0600/0610/0620 UTC**

11166 40122 48265 20039 03239  
14533 81942 83124 31904 26108 53469 21021 82752 87483 97475  
34035 49361 11317 86118 02265 03773 90606 23330 15074 16317  
69559 67907 30290 70352 11038 39513 47958 49761 27782 43521  
78320 97630 69584 75648 08735 69571 83613 92315 99198 30096  
90063 57654 61175 65504 40328 03129 99411 11709 49884 60674  
21426 20438 23059 55329 44364 12263 11892 68256 53904 89864  
76255 06127 94900 10007 37443 37781 98450 37630 42394 84120  
75080 30510 80751 72146 28725 27930 21943 89109 71200 41780  
64467 97689 41853 73549 14571 98145 62068 05627 36516 48376  
79330 40355 41607 77834 80525 85284 08184 56219 79164 08041  
49752 02896 06223 09277 73452 47969 59278 87113 96041 80964  
89640 91532 09587 48035 32155 92140 14054 83647 07366 07756  
58972 87672 50738 71241 61374 83826 48611 28040 92193 20403  
85580 91826 48302 99213 32994 05738 52381 43704 33243 82594  
47815 42157 59553 22576 80788 26933 55940 31768 86778 75691  
87030 90024 23632 45508 52440 41592 18407 75850 45385 06914  
20176 21336 60216 39074 75972 00213 78574 73299 72068 69496  
88840 42973 07771 62713 18574 60581 93928 51168 84633 87046  
93328 14695 90650 37871 45181 32809 26565 99539 40865 32212  
49888 54609 43141 51584 53401 38929 66001 09590 48959 79430  
57354 87052 22102 85913 51726 59224 37148 95282 85176 39087  
97469 91656 89600 17637 90626 50794 08617 12062 73050 82279  
02224 57784 73973 67890 32417 05277 23277 19604 46942 07608  
32954 05661 03392 09641 86873 18141 00811 74839 18536 80475  
11015 10601 81498 18339 26802 78060 42169 42356 69248 97317  
49648 16068 21270 83998 62306 07586 79640 78103 35799 48370  
42660 51088 02177 47584 75649 02093 94812 35445 21468 79275  
98808 34020 48236 87179 31580 78897 51454 66070 83304 40180  
52700 54190 71921 16226 62102 68850 92364 98584 96762 67318  
64733 31564 72330 73419 11059 14857 09904 80803 15390 22677  
25453 68808 46850 37837 93949 91858 50387 24201 05391 28334  
34870 85954 54906 99852 13247 87134 34132 96898 74439 29840  
16047 39321 00000

**18189/16046/14459 kHz, 31-03, 0600/0610/0620 UTC**

11166 40122 56789 27040 01709  
29085 46140 43289 88525 37772 52377 57530 20222 24780 60407  
14489 48337 78351 75192 32704 09198 73269 11337 63687 27812  
46846 91810 79289 23474 70724 25674 54097 90470 98155 63255  
35025 14828 91467 52189 15316 13020 59378 42793 55111 03600  
58878 16175 15794 47665 41335 33551 00297 19120 47537 30183  
16539 90656 81341 02382 06214 46390 16627 61021 06080 57101  
17233 49983 33967 79008 74578 52993 16677 62013 92635 37263  
01964 78356 74968 07391 21784 07621 93493 67957 99005 39022  
43675 18239 14758 76918 15837 27499 78619 60483 37265 64280  
68819 33474 64810 78133 34649 25038 32652 57229 78266 27484  
84943 10285 58086 81979 47990 46251 80931 08075 21679 50176  
75156 38031 94823 78714 61896 41859 14136 23693 66660 54023  
61483 17180 38447 37742 19145 76502 68554 47824 27739 12639  
26294 77975 66514 50423 53787 03519 10695 34011 87024 55460  
45557 16036 95388 86838 41938 53885 56818 17303 22859 61556  
10804 66841 75939 90506 56405 14620 91310 37950 87476 43841  
29699 06028 82280 58593 50373 60300 89690 83588 40168 00000

11166 40122 78901 27041 02369  
79161 82772 17606 65425 46653 57698 33786 25084 93701 11635  
71437 25744 21827 90331 25104 44112 09449 35383 25191 19396  
63523 11124 16205 63261 63059 91002 32357 56604 36732 14364  
25219 06577 41754 49571 23117 62298 36211 24427 26947 12710  
62036 09805 72114 14977 80821 67450 11259 26911 29647 97870  
97482 41825 89112 49267 72743 49269 80775 73436 91115 70084  
36157 39581 31605 39208 04527 41975 80191 34670 91640 62401  
85812 76222 46625 73324 19946 42033 39193 92717 94500 76877  
94377 26486 17695 90282 76977 59432 92612 68043 42889 80684  
88112 45553 99527 54542 36803 16395 42515 72668 39747 74617  
60827 48563 82587 14147 27581 40266 92800 33757 18655 12213  
92735 21051 26336 72193 28150 13879 60162 44341 76922 62638  
52170 64103 67621 41884 08715 06109 62629 84705 76069 80895  
85509 38280 11975 61415 97288 64065 80332 25267 51360 31054  
11239 23582 81684 75533 93526 12519 03982 25785 92024 08279  
34597 15169 06702 51610 56729 32015 15905 92706 88709 79774  
70851 32466 34022 45862 33594 81024 17747 02629 75619 19525  
39117 88893 79284 76030 94879 45487 09268 51551 53137 03235  
46232 57092 82372 46817 99881 47685 65337 02945 43594 64324  
52482 26295 37833 19749 34635 81628 34511 89018 39602 45546  
79493 90801 82379 76304 55445 70328 23667 25138 32189 19944  
16375 87523 16769 98190 44797 17822 20417 33370 86157 55736  
84593 22510 49199 38024 33304 61679 69515 93905 43864 68589  
66310 47590 53319 83421 27234 00000

Link 60070

**9165/8188/7460 kHz, 09-03, 0030/0040/0050 UTC**

11166 60070 15823 09001 00049 00000 00000 00000 00000

**9165/8188/7460 kHz, 16-03, 0030/0040/0050 UTC**

11166 60070 35120 16001 00049 00000 00000 00000 00000

Link 60146. All logged by Pierre

**11563 kHz, 16-03, 0210 UTC**

11166 60146 00000 16023 03539  
85613 91024 98332 88887 00524 21981 15511 88606 77548 45638  
58405 85795 75414 86276 76618 44453 69069 68403 16592 91300  
39658 10428 08716 45053 89613 43811 81867 82887 43764 62411  
28837 61314 22432 31674 71071 33627 97427 12385 96160 31120  
66897 78653 66530 00266 09960 34830 22751 13036 07055 61028  
29921 92555 36965 41956 40551 21275 86426 58725 72389 23848  
33276 48348 24628 41907 89071 60585 80919 42921 12127 66860  
72659 30319 26885 00892 00947 47072 10587 35770 40681 89925  
33155 27139 75226 76451 61240 77175 35075 32132 62368 99062  
38954 89645 70114 86640 60813 17544 96261 18909 71128 20518  
00859 54096 25952 78428 56130 92955 02170 16293 65176 15990  
02370 22424 21382 24291 77790 56890 19504 38680 42763 17503  
54338 36833 79106 55511 67939 33088 53886 58183 31294 30606  
99007 40478 71422 00596 26046 12985 79817 68261 74777 18315  
63167 10193 18841 53146 22309 92852 76955 \_\_\_\_\_  
\_\_\_\_\_ 55 16990 41972 51301 59401 29095  
58024 02453 35934 47173 83183 90670 32011 16837 49691 73037  
87410 83839 95563 60896 40178 20019 63072 56005 26127 14576  
23881 19987 44851 97872 66788 56770 90671 89938 08999 12703  
71973 90863 16870 24036 67344 55288 47065 66449 91978 18147  
44060 86323 72770 63879 54932 18431 55530 56282 47370 19744  
92774 71193 41845 74043 85514 99194 93883 47018 77491 10526  
87366 96529 25283 99384 24811 67755 92736 49821 25555 27870  
43145 90388 67794 19973 27623 29760 35400 40937 93107 90488  
55464 72872 58427 83094 37499 22891 31872 87677 50240 50860

68708 35234 96983 89829 92071 05868 75389 88823 25674 86081  
32704 32684 11766 52348 52327 18651 12795 73120 32660 94370  
20184 46502 44178 87010 18680 15746 75672 78187 79712 29765  
05574 04369 82183 40858 59322 87463 84143 56832 38710 25265  
93779 89693 34126 96454 13163 68125 55655 59836 53178 05910  
43963 52498 43093 43501 46898 16591 83187 04927 72760 09403  
13886 37210 56160 76428 99836 24505 97418 92104 52365 94111  
61441 97917 38743 56590 46994 92560 51717 47132 62335 53819  
37723 60393 68126 96899 07234 95974 73573 98854 75667 56727  
96719 43820 08307 67083 24839 68734 67653 03594 35869 14239  
86665 23351 00000

**13370/11536/10614 kHz, 17-03. 0200/0210/0220 UTC**

Note "03015" in the header: message dated from the 3rd with serial #15 out of order. This header is from the 0200z transmission, 0210z and 0220z transmissions apparently still sent the same message but due to very poor decoding I was unable to confirm whether the header was the same there or had been changed or fixed.

11166 60146 00000 03015 03139  
69844 64955 32975 42668 00359 66189 63631 24132 77388 43939  
35601 01152 53714 08568 07997 80788 97136 36542 25537 73534  
69565 59665 33440 11497 36690 07131 56460 87381 81637 67605  
78041 93961 21086 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_057 69743 81279 84697 81455 43600 71130  
42933 48297 09948 32603 44183 50067 26748 08220 39609 10311  
25478 99087 28380 68019 91786 61942 11626 91120 51718 34016  
85544 85777 36943 5293\_ \_\_\_\_\_  
\_\_\_\_\_712 09882 05614 96101 94812 80391 96755 87653 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_9869 03748 25092 17943 69804 76931  
25629 29179 45982 44040 23400 84933 38068 65083 01924 95162  
32641 31930 90344 29587 73293 12516 53220 10382 42850 55697  
83531 20984 26149 98931 09856 85702 26840 45984 53637 99813  
36613 06842 97486 14834 80307 17011 50466 08655 85344 78411  
21268 95227 48903 89031 35255 53492 01300 53 \_\_\_\_\_  
\_\_\_\_\_89198 44215 62452 84583 50773  
88396 80044 31648 60014 96297 88477 20689 50834 34623 81990  
01494 40109 02475 04702 12700 86242 92917 02193 58454 66184  
46835 34509 92189 88098 84996 80286 55979 81856 29297 86666  
48888 34556 49085 44707 22769 63242 93534 94970 28932 42030  
95975 92964 64140 25798 61155 89148 89350 37661 71327 03165  
19647 12399 72136 97003 08809 13024 24225 76781 76940 62684  
31497 77815 54604 59088 81980 12687 41896 63634 62230 86986  
05903 82432 31192 12417 64971 81412 64487 71945 33236 02700  
05043 16700 23830 74447 81001 99287 34238 31314 76861 73227  
62204 87772 68770 1318\_ \_\_\_\_\_  
\_\_\_\_\_012 91531 59186 13502 93994 09737 23201 31208 34280  
87801 86082 55184 35901 74019 54905 23809 80752 02938 02773  
79416 15311 00000

**13370/10614/10614 kHz, 18-03, 0200/0210/0220 UTC**

**0220 UTC was repeating on the same frequency**

**11563/10216/9417 kHz, 18-03, 0300/0310/0320 UTC**

Probable header: 11166 60146 00000 18025 02889, decode was corrupted and full message is unavailable due to very dirty signals despite strong received power.

**13369.5 kHz, 19-03, 0200 UTC. Weird signal. Possibly an Am AFSK version of F06**  
**11537.5 kHz, 19-03. 0210 UTC. Switching between AM AFSK like above and proper 11538 kHz BFSK**  
**10614 kHz, 19-03, 0220 UTC**  
**11563 kHz, 19-03, 0300 UTC**  
**10213 kHz, 19-03, 0310 UTC. Stopped and restarted on 10216 kHz**  
**10216 kHz, 19-03. 0310 UTC**  
**9417 kHz, 19-03, 0320 UTC**

11166 60146 00000 19026 02789  
93313 40700 33032 21216 67428 13371 84486 07179 81623 10846  
27324 13423 46851 75663 88076 16814 43503 65131 05018 42394  
40131 13677 83655 59571 68120 74977 51142 72929 69509 29816  
39302 56113 60149 70598 50955 02208 75369 98463 89236 89069  
90362 93934 54585 83027 32453 47037 39099 29407 27460 57832  
72937 03303 47318 43292 02468 19047 51162 11468 04834 21804  
37053 88874 68637 09730 46539 12036 95419 60145 89233 19130  
01637 58134 79601 02672 25805 51035 03139 09158 70510 77243  
54134 96635 33970 42764 12205 86109 10833 43963 49782 67739  
66906 59943 87744 47754 17490 62988 41387 47030 64020 20506  
23902 87271 68696 86919 99573 25714 71781 08939 03865 24315  
81272 92633 72584 64342 89616 05784 47327 42315 97166 13896  
49367 08234 47063 73373 39199 32029 01230 30230 03909 09165  
12166 97826 39566 41351 70236 12036 20823 53286 31124 87290  
74903 31366 53160 21954 02185 95314 99191 26432 10535 38652  
82696 72486 55618 98954 62823 87177 04343 43835 18037 39862  
63633 83581 53076 95709 41732 46397 18891 34152 34205 77171  
50258 55709 51838 45728 50760 25640 32619 75478 79820 27841  
04989 28429 21464 27437 94549 07467 39515 65504 91416 61872  
48906 34352 20402 06990 57784 06819 81217 93998 60108 18003  
50891 90717 83417 22872 65564 59380 21474 78191 23885 42322  
06444 22206 79163 91517 00320 50513 12486 02900 10280 11564  
03972 41400 57642 70230 44368 67656 55135 12880 54153 02308  
72145 92385 02362 88834 92652 36522 42290 40865 95513 68170  
06293 84894 11811 10784 26846 34350 38932 77541 76065 55943  
16074 67629 40874 14244 90865 18091 75998 05413 31786 84680  
01982 16038 66076 50158 40412 67993 47822 83462 03538 35288  
85902 98201 80465 43810 86487 83895 26276 00000

**13370/11538/10614 kHz, 29-03, 0200/0210/0220 UTC**  
**11563/10216/9417 kHz, 29-03, 0300/0310/0320 UTC**

11166 60146 00000 29027 03049  
50016 37686 85099 91127 09384 82660 91190 30316 62166 96705  
41652 31765 54849 86044 11622 66248 91768 99679 57704 49783  
92919 12172 00638 00676 97954 37385 62731 70497 39809 90362  
46042 78676 36396 39548 62193 05384 73800 16518 49807 22412  
79420 75424 40462 66730 08484 19334 59126 86398 92380 35642  
70001 13537 22252 07763 03715 44029 66268 95277 26796 28659  
44038 99721 39372 05349 06584 58204 12033 27212 95314 32055  
97781 66079 78453 82666 80031 96215 88329 51744 42566 87888  
07996 88124 72419 65494 80598 88372 31593 09919 39938 43333  
58566 09825 85653 07829 85527 91554 51485 35684 82261 82332  
40028 47277 62640 86451 22436 21789 14645 79144 26502 31359  
39860 47807 61551 59312 13384 35285 53594 69661 00079 64885  
89167 20064 88108 51824 91303 35425 25705 30786 76069 84329  
72085 54277 63103 25502 98471 41475 38603 16460 00149 82251  
94181 01574 05488 26054 90046 21704 92883 10346 15932 12606  
51543 08281 48221 84296 47052 00301 26699 98560 77667 99349  
99366 86794 32273 84392 08768 75361 85928 21910 18251 10663  
93953 80085 01610 01098 70491 65340 44543 18108 62468 35929  
31369 23491 54920 72272 15427 15168 68587 08708 96610 08602  
35738 56365 54469 96043 65157 71834 10309 50797 32225 51327  
16738 68690 55032 55007 98090 63951 42475 91191 90166 61647  
25251 15099 52726 53915 05706 21837 53175 12129 87467 38313

44877 72226 70803 43762 88534 35358 24632 73575 90078 51064  
71137 86111 53485 75151 43918 97190 71990 19468 05609 11946  
06104 35758 35906 08732 21886 00793 25956 54765 87918 94944  
40009 58195 54393 91422 30312 86285 62780 98327 16153 04397  
59489 20731 63005 15460 11978 34964 22709 04621 50739 92293  
20620 18752 85603 94187 00673 35516 69792 06345 64292 01661  
10172 03688 64089 45247 47122 63492 38274 91490 52487 48855  
96739 36894 19018 49678 94731 61381 39761 73361 55064 83096  
00828 02388 27302 00000

**13370/11538/10614 kHz, 30-03, 0200/0210/0220 UTC**

**11563/10216/9417 kHz, 30-03, 0300/0310/0320 UTC**

11166 60146 00000 30028 02659  
57765 37408 84920 27993 90941 68846 25284 22522 11427 31855  
50163 30780 45375 31590 32297 26207 83693 16116 54647 11862  
57963 99754 45934 91877 66456 36938 68625 05120 11195 51228  
82789 38244 31978 49202 34281 60333 48313 73891 40664 46304  
45207 77450 73343 81270 63733 17765 59308 63052 82326 08658  
50957 45018 99733 78407 37415 86441 55563 16253 95797 02572  
49376 11565 05859 31594 44237 15396 76439 60671 65691 79067  
57191 78261 32071 49502 33973 44884 77105 25980 31385 99536  
50740 08010 70870 43943 09123 88997 57818 71816 29683 75409  
96106 35335 12252 36099 53526 66008 52150 11515 26522 92129  
96188 37439 77685 19993 17514 62985 44441 71072 70243 67502  
42361 92338 09820 06103 11543 81917 90022 38496 79497 97257  
72590 20792 38973 38014 10357 65004 64160 20820 89883 95894  
13714 88142 44481 59883 94027 18411 73595 65692 81201 29598  
29465 61411 25136 93447 57014 77682 84192 02532 97892 91683  
63865 57333 94624 91598 57881 65530 55789 46265 15190 70675  
68167 09687 81266 52458 66806 15089 87164 65739 98934 38225  
84768 10538 42648 34599 51668 50164 66334 80302 14100 19689  
39749 71156 61397 91923 32689 59837 50377 93114 62207 35682  
23107 85532 74293 76852 86489 59136 70965 29557 27102 99513  
18715 93999 59720 24278 99232 21771 32982 05105 88354 54333  
40609 17607 74174 57322 11633 86220 50247 30330 78069 16313  
44835 96863 43465 30664 72117 04168 00760 52550 16319 87600  
72910 02585 84682 79244 74696 01522 90223 65443 19164 96196  
50212 22955 17125 50812 11314 88401 43172 70730 37326 40711  
66630 50979 20455 01234 70880 66651 02057 81219 09513 47384  
13795 31348 72722 28263 00000

**13370 kHz, 31-03, 0200 UTC, FSK 200/500. Unreadable, wrong shift**

**11538 kHz, 31-03, 0210 UTC, FSK 200/500. Unreadable, wrong shift. Cut off abruptly while sending the message**

**10614 kHz, 31-03, 0220 UTC, FSK 200/500. Unreadable, wrong shift**

**11563/10216/9417 kHz, 31-03, 0300/0310/0320 UTC**

11166 60146 00000 31029 03049  
25987 83720 91862 11307 34065 59839 95137 61293 53123 06124  
08381 70903 89537 86952 90969 99408 26556 28009 93554 86261  
67476 50936 25115 55146 99632 12008 40040 18117 58864 43234  
37412 40783 99166 19345 89691 54458 97197 99095 42974 26221  
46341 14324 56026 22830 20005 05193 70273 29412 08851 25074  
27933 08888 61625 63485 80480 13043 84305 60541 54634 81206  
77225 11340 68048 87460 14877 83731 11898 22328 98079 97898  
42547 19857 33196 41199 49493 66072 18090 16692 91753 49693  
39504 48795 19910 41089 11559 94510 25981 10384 10047 33652  
88311 20664 82215 36518 03673 57222 36728 32434 23752 78769  
43486 27623 38232 01564 98003 45821 71631 52376 30019 90091  
86110 51255 61033 49258 07413 10002 40459 97417 16145 57312  
15076 59943 71576 26517 11469 44439 60141 66851 36142 60070  
85837 64202 23003 73705 44711 82266 82888 76321 50602 60051  
34833 58093 04359 26664 23767 15612 23681 19324 54319 39675  
75814 15536 95426 57076 80247 15355 35432 24837 73624 34696  
92356 00318 54051 95604 09032 35645 46983 24453 87790 69894

59880 93965 44386 17462 17822 70047 85848 76065 97266 49318  
41945 02814 00143 98322 04943 31779 35454 30330 57365 31509  
00604 80665 92419 25920 79601 66520 56785 27005 00359 42174  
70460 52798 18251 85554 03343 29026 18140 77096 13233 97891  
52036 56806 74955 82426 54595 70505 55283 79838 03639 41157  
13340 82312 17873 26232 31191 48680 09009 47053 04287 75409  
30459 01042 46463 40352 89814 92813 89181 17675 17263 45064  
79685 87427 07165 75176 07782 88168 74952 48477 15918 86106  
96558 44111 72240 59170 22540 94431 11345 19465 84105 83871  
72373 22545 33221 18232 89174 36938 83982 00299 12192 72362  
47454 72768 66786 90068 77142 14376 77668 43760 67304 00195  
14129 24498 71280 62033 35763 08066 32024 09859 43367 28204  
42040 00206 64697 24162 74890 62481 29784 36002 55478 19133  
15479 46102 29302 00000

#### **Pierre's comments:**

The 0200z, 0210z and 0220z all used a 500 Hz FSK shift instead of the normal 1000 Hz one, through the whole TX session. The 0210z transmission as cut off abruptly mid-FSK, a few blocks before it would have ended.

Following standard F06 procedures, this schedule normally features test transmissions made of ASCII "464646..." payloads, about 10 minutes before the first main transmission - for both the 0200z and 0300z ones.

That night's 0300z session went smoothly, with the correct 1000 Hz shift; but after the last, 0320z repeat, the carrier stayed up for some more tests a minute later: at first, standard pre-TX F06 tests, with various payloads such as "4646464 ", "64646444 ", "464 " (with a space character at the end), or even just " ". A few times between tests, the signal was switched to inverted FSK, or back to normal, before more F06 tests the other way.

Then at 0336z, the signal switched to 500 Hz shift (the FSK carrier idle at +0.5 shift moved to +0.25) then started a few 100Bd/500Hz ITA2 tests, repeating payloads such as "646464 " or "4646464 " (with an actual figure shift). Again, the signal was switched to invert the FSK between tests. Note that this was not F01. The -0.25 shifted carrier turned off at 0339z. At 0340z, a carrier centered on 9417 kHz reappeared, then turned off, to send "VVV" once in ICW Morse, before reappearing then turning off for good.

Link 70059

#### **9174/7384/5148 kHz, 01-03, 0500/0510/0520 UTC**

11166 70059 35714 01001 00049 00000 00000 00000 00000

#### **9174/7384/5148 kHz, 15-03, 0500/0510/0520 UTC**

11166 70059 45689 15021 00049 00000 00000 00000 00000

Link 70202

#### **12153/10671/8093 kHz, 01-03, 0700/0710/0720 UTC**

#### **13526/11428/8026 kHz, 01-03, 1200/1210/1220 UTC**

11166 70202 91468 26017 02359  
97675 67539 26344 53263 04726 33209 90676 74278 03739 83785  
50318 52296 22833 74191 26542 01944 51532 08959 01555 07001  
47378 44032 71259 02909 42247 87099 90679 22667 65556 82404  
41749 54537 26567 90964 78157 85010 22939 02133 26931 25458  
67756 37456 51436 45915 52189 32745 05503 64433 85993 09306  
33343 65427 83023 70279 94961 45476 83958 82999 21740 09993  
33419 33339 31881 69216 53668 62957 60413 06955 82078 25398  
83426 20519 64563 21969 41231 55290 22140 03352 90138 82349  
32843 47864 37535 92609 96135 52326 39949 05894 72051 96452  
68791 18391 12206 66730 73457 36924 24914 50695 96487 73477  
41557 37562 20454 98414 76422 86137 51285 75818 97174 45960  
67694 29411 48171 42590 91413 12461 93785 63012 57918 80146  
73945 02057 92319 87789 89064 55808 20130 63409 56552 72914  
67568 28026 06098 99745 31117 62160 05910 80342 20989 41961  
37096 97080 08224 93397 58384 63003 30073 37957 28352 01740  
33378 28279 77373 75972 60625 97181 46452 50366 08360 68484  
35143 99915 12659 03105 25738 99632 41330 78832 75913 56523  
97547 27240 97018 69789 64598 76154 60196 30184 46422 71136

97527 94472 83650 74402 90378 95919 49816 64619 62140 76758  
57423 86023 17559 53562 28571 20286 95826 51468 09821 79573  
29634 68184 35978 44242 27368 53720 72496 93585 20637 16778  
91179 03101 44319 93737 58870 06687 41318 41185 43818 47221  
09212 37903 69405 63964 30984 07279 69932 90199 57024 96060  
28131 59584 30585 17233 00000

**12153/10671/8093 kHz, 02-03, 0700/0710/0720 UTC**

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

11166 70202 13645 01018 01599  
77926 74552 45919 02261 98140 56521 08983 27329 90493 44647  
37978 96846 74356 13211 66391 63667 16120 79781 85170 73038  
69542 25720 38988 12647 69711 84747 62826 64321 35312 73014  
26093 93330 58876 59119 76433 36221 89714 97493 00446 73124  
39206 73619 43473 95477 63137 34483 55666 05087 00793 02737  
56505 05480 75449 97975 34963 71479 86005 13593 27505 07941  
44400 22626 41100 33577 38516 11060 13450 50832 25272 61991  
27602 87716 83565 39127 23154 22560 81775 43022 71219 27605  
39495 38518 05355 92394 88198 76807 25634 12874 60514 60560  
18048 57154 62805 25564 56427 43882 10729 37296 79074 94130  
32484 25881 57285 42774 69409 07859 97956 20269 28645 68211  
47462 40780 67518 01081 88983 57599 14370 32612 50490 71776  
55481 74367 65547 04919 42811 80740 54142 72083 02214 08813  
15727 15712 46838 04092 51640 86525 25388 60562 59128 82342  
59935 28495 64119 80733 52965 68437 84967 26473 68355 74851  
44334 59700 15963 17797 71406 95751 94512 18157 00000

11166 70202 87425 01019 01699  
75522 57595 72092 66159 73908 72308 50499 36993 95013 77265  
96157 88289 59791 08939 24993 42530 69882 96704 64724 17479  
84981 68404 76411 02691 49124 00535 99152 51738 95584 61503  
60113 01108 85082 21385 17072 51681 56972 26627 25678 73763  
98105 63128 48596 21579 59062 56131 48742 68172 72433 80377  
33779 96667 52836 78946 44081 08805 83356 14226 01330 36701  
18114 99450 59951 68772 55609 84239 28571 25754 62579 92583  
53671 47754 53016 36701 82650 78279 52051 55216 48459 56177  
99395 49096 43004 51413 72010 13766 71518 05648 30707 90865  
05064 63526 20366 88064 73374 05630 78445 40387 65219 19031  
31487 11474 28462 66373 84294 58224 87029 39435 31472 07257  
16955 08096 46021 16618 48686 00650 24670 21191 87860 76411  
94628 85225 71718 76537 11460 10438 03349 64011 02751 73114  
30959 88724 37269 88656 64343 38593 24301 27005 45754 62649  
72847 27377 17352 77039 65373 85763 52423 89870 25794 13612  
42558 05848 86388 91141 57971 96621 83326 63725 23153 47811  
35494 54772 75046 18613 86307 93552 95922 19167 00000

**12153/10671/8093 kHz, 03-03, 0700/0710/0720 UTC**

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

11166 70202 98546 02020 02359  
47323 57052 03511 78203 55396 43636 39283 30230 75798 19143  
45156 05494 02602 10562 14158 34537 90542 76699 40976 69093  
64775 50726 03447 33282 95575 07429 67578 92469 61417 72365  
02047 69505 48873 15091 13101 62993 62763 93659 35818 47315  
44995 42586 42640 59075 25534 21443 55138 99656 53942 66297  
69932 08577 84918 11163 34710 87337 16280 71665 35282 78447  
02824 08093 79609 29304 94504 10035 89740 95631 72364 69791  
37597 64157 80657 36735 85540 99211 78601 69818 17669 42936  
60195 30416 72768 23808 15541 82686 14864 53133 32106 93635  
02302 14230 59370 50081 41314 73970 85277 34695 34982 71370  
97954 28318 63554 62923 31112 30726 57048 29356 16577 17051  
46074 73496 92394 72023 01817 63945 39930 69239 01123 04240  
48412 87634 77610 32179 30360 82353 44765 79030 36318 52194  
01936 43274 42356 70836 59184 58591 08750 74010 41916 60777



33297 19820 61238 83265 47697 64398 60971 35959 30439 20078  
77263 47041 34620 88269 71742 72466 54159 84241 24130 02821  
76812 95967 95278 22218 97449 44261 96545 98950 90022 36351  
26461 12554 61658 30114 60611 46989 37321 51131 05687 04632  
48479 29768 53626 20734 24213 50460 96794 83079 08198 30392  
90139 86491 50010 69762 71247 76892 44181 40814 74259 64605  
15447 07824 98561 11578 73622 95235 18205 22224 86545 46127  
42984 92557 44528 38193 67111 97328 14737 49437 66427 19817  
08967 90763 30085 54006 13224 47638 37643 33798 52557 98032  
17508 68970 89598 20233 00000

**12153/10671/8093 kHz, 04-03, 0700/0710/0720 UTC**

**13526/11428/8026 kHz, 04-03, 1200/1210/1220 UTC**

11166 70202 63587 03021 01579  
98429 59383 49626 58417 66244 29761 19251 01364 85844 05895  
59633 47063 59368 29022 04675 78582 44907 78348 69133 38331  
72638 70456 39405 50752 02069 64276 92151 84189 75077 45067  
07942 87836 44455 85835 72093 64737 82610 09634 79923 66740  
00144 01176 88571 22385 28968 41205 82589 33612 49679 62055  
45499 02282 67833 47841 54485 72398 68855 27712 40424 99000  
06239 35609 80429 79868 85527 71240 42499 00006 23935 60980  
42979 65102 73434 97315 11209 46169 21631 81907 72345 58170  
91624 63287 38792 11295 69764 52043 60641 35904 07524 05764  
21332 36565 65998 24533 97612 67711 71686 06336 03314 26758  
52125 99723 34479 54881 20984 02852 35298 43442 79817 49596  
04342 36308 06563 26178 57706 23496 99457 37379 43929 39350  
56955 08362 11633 30757 23270 10459 95312 18180 20644 74299  
77795 39069 27903 26903 33595 38132 04300 18128 54953 66300  
28111 32390 04155 11051 91961 84062 84298 19002 59584 20014  
45710 96739 13692 77702 70189 21155 00000

11166 70202 49852 03022 01679  
28894 66450 95998 57106 77063 11845 00306 38257 45621 92396  
10545 20108 74480 66244 85255 09601 44507 43552 79433 77586  
64330 14310 52288 41366 01778 99282 90715 25841 08388 66284  
59450 57968 10413 78978 13793 74192 64773 70380 35890 45572  
03387 58258 80477 50251 14316 44614 41034 47992 33165 66434  
72292 36444 43174 89897 30018 93836 07441 65224 14031 37788  
81703 84367 25367 54910 81133 08709 73557 80910 99568 58976  
94924 35860 04625 84543 67864 44328 57118 54323 36032 95072  
28255 36421 75375 19963 12996 58747 65958 96827 63063 67781  
54501 05923 88008 27656 18583 94691 97781 26773 68442 30520  
85247 84114 47318 46167 72075 72462 16249 07550 66450 00683  
34297 58593 06035 22298 70116 22807 84621 62499 05799 66292  
85918 80817 18951 51863 72897 11617 53927 38968 06148 49612  
18164 09093 89667 72591 64543 21355 67543 18535 45735 27943  
19936 59314 51444 04118 31824 38163 64511 72454 32941 63102  
96792 25997 32342 73509 90765 80042 96026 22028 97795 07210  
41081 38982 68997 35514 44751 22165 00000

**12153/10671/8093 kHz, 05-03, 0700/0710/0720 UTC**

11166 70202 28937 05032 00049 00000 00000 00000 00000

**12153/10671/8093 kHz, 08-03, 0700/0710/0720 UTC**

**13526/11428/8026 kHz, 08-03, 1200/1210/1220 UTC**

11166 70202 69521 05023 02599  
09761 24010 61398 54359 50844 24608 39804 21027 45163 40063  
31194 22663 47391 74475 84752 23627 46495 83494 07809 80953  
04572 37256 24255 55183 04771 28722 60007 56451 75477 63371  
35221 24266 82962 91182 67913 64418 09667 66823 18713 91454  
60330 49017 31405 50154 63125 74996 48965 14452 58010 70996  
09769 87234 89473 84717 53664 49456 45854 50703 92594 32006  
12437 24558 25465 08772 30507 46959 01925 34325 79543 23386

64770 74681 24750 30508 25650 04556 97098 85174 53750 69563  
98086 36940 82164 36804 46385 70056 61618 82254 08572 25880  
16256 88419 81129 81625 81153 50672 15906 46407 26262 15728  
06213 60495 96471 00677 75765 08742 22462 66030 37630 84099  
82054 41195 15391 62174 16730 25842 43701 72752 33018 15580  
90422 79239 43431 25386 67532 01946 26638 09233 22986 46154  
11569 99335 30728 20913 15123 13472 21029 59490 88186 03804  
18350 77423 49637 45642 78906 29107 13016 89588 45130 48847  
35575 25492 59216 87332 44370 31664 02931 79451 19086 07782  
55885 04391 36298 14922 89452 23962 04842 71158 38508 10082  
46981 76165 18201 97360 05069 63265 77927 21712 78380 02349  
09695 30947 19815 02117 53075 78272 47137 85072 63923 34639  
48473 33709 39055 80871 86717 31323 14064 65528 32561 45893  
76480 39412 80815 30466 61439 02687 29735 38485 22061 25522  
28000 77489 91726 28218 19074 49640 80433 31733 37609 52494  
72422 14565 37592 38467 17257 36912 56907 56436 31553 18062  
48022 23894 53538 77937 29473 03120 17631 78742 37832 79785  
41225 27636 84857 67439 40872 26391 49502 86313 20041 78953  
59475 89873 95652 92850 42045 37571 55567 23257 00000

**12153/10671/8093 kHz, 09-03, 0700/0710/0720 UTC**

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

11166 70202 35874 05024 01459  
18059 39383 62442 54394 94729 10724 44542 19118 25703 83532  
04053 22812 18903 43393 73749 28633 61569 58817 32687 89364  
80100 49157 89529 82765 10520 05750 31975 77474 21793 77201  
96988 02937 59153 54793 41532 21750 99638 18904 18449 27909  
37022 32414 87236 19353 38321 92016 14349 18276 39087 73381  
42752 37620 69634 31094 35393 17206 29433 39329 22297 77924  
51817 84174 05949 67434 26227 43557 04675 95798 70144 15707  
38695 84504 67932 82086 88540 77296 18756 15735 80520 86262  
60765 70961 78928 71614 63747 15320 89674 78595 07409 89808  
05026 79955 87504 08228 44160 97427 16973 31640 69193 00650  
14290 78855 81389 06960 96205 58905 27240 30517 17077 36410  
69077 54163 21955 65802 99946 22490 05639 55337 07389 79520  
94875 46823 15842 99474 95881 22006 62343 84018 74396 71566  
85220 24474 60432 87634 30457 52391 94926 65789 05421 26951  
60471 27468 34645 24143 00000

11166 70202 69402 05025 02599  
87166 18230 12435 79200 23194 76335 44677 08244 03967 39917  
70837 28653 95745 55975 79414 25372 10528 95891 59324 78020  
96589 26909 51046 85356 04524 61045 84969 25762 33448 04900  
24135 39711 87077 58761 53560 45146 94348 38481 83338 21694  
74282 18533 57682 24683 49770 19699 87126 14863 39978 89830  
46053 14803 86043 51103 02739 27877 89771 12220 74111 80786  
69997 68989 22397 75556 66315 41725 35853 61942 44860 22892  
60766 66183 85823 33450 76913 37039 57403 11325 33663 95056  
05853 80444 88907 95985 16346 73777 18020 44301 24320 08821  
85013 17757 81999 38953 93095 88914 09779 29120 56808 54578  
87164 29261 62933 09080 62943 43933 12357 22352 89285 21563  
60075 08716 09459 11763 95541 97337 53841 64157 30521 40280  
23927 67143 86657 19084 69000 50032 99938 35829 85181 97009  
84238 99603 91515 46348 21129 44319 62806 73311 68150 38810  
23872 80184 02730 75161 34914 41880 43923 46190 22689 80531  
19185 48028 37166 67548 68338 68737 38364 76532 01948 48904  
43047 35518 56265 25132 85976 51972 11949 92395 75391 08974  
68745 46168 47430 56028 93301 90281 49150 42951 82328 21437  
04857 70251 08266 26322 45420 54456 39663 52254 05262 31818  
53456 37307 16715 48832 81323 10838 56423 13016 57308 00367  
23489 02373 58904 05743 54039 56989 58782 26525 01911 01195  
29351 53536 40129 69729 67332 60501 62886 36351 30550 56730  
92679 68319 04110 86767 22332 55201 38161 87958 46545 85423

24428 41854 62701 69024 03703 80410 45591 30029 21474 32902  
25751 16892 73893 24505 26101 04443 11266 62467 36573 85779  
91232 70825 31417 77528 98866 59579 58863 25257 00000

**12153/10671/8093 kHz, 10-03, 0700/0710/0720 UTC**

**13526/11428/8026 kHz, 10-03, 1200/1210/1220 UTC**

11166 70202 87413 09026 02339  
77392 83247 92892 62888 46468 81008 05232 50359 53224 64443  
83833 16448 78651 14448 87950 06221 67099 22869 02267 45413  
33842 74054 63451 66961 66484 95663 32910 68491 81162 83384  
39159 17955 19457 29275 38271 49588 96971 08405 65817 17407  
39511 03481 78763 98388 67789 72148 10728 62569 16614 86663  
89074 52200 99478 00606 87243 37197 54506 22335 10784 39030  
32674 99875 40510 40264 14260 46907 81226 21930 64458 64564  
89458 95918 64081 38718 78616 24576 76300 17436 25048 44697  
35366 98303 23406 38105 68226 80303 64758 15987 85005 59922  
35909 09204 99254 76188 63329 81732 63938 34327 50166 09444  
34073 62708 79755 91401 91960 82789 84063 85864 95968 96731  
00528 88190 38771 22376 65696 92812 26009 30275 19128 06492  
11288 62464 15988 05026 48471 37651 71764 50599 47191 72525  
87558 11971 42520 73867 29371 54672 14739 81141 59840 93425  
20141 64272 45847 23944 18812 06279 90445 76321 10315 25459  
62547 57186 13225 16816 22785 72821 49452 17408 69026 50417  
19280 25312 49932 99663 78071 26888 20033 81862 50568 12033  
34741 78740 43727 82107 08746 78167 44028 80226 86217 18941  
10193 98605 96272 61857 97249 42641 92129 79229 72887 56410  
97388 80050 12027 39302 07882 12990 80555 08428 22528 14414  
44163 86536 01627 93604 63200 20096 76029 72379 59527 57243  
55634 21293 66257 40281 10626 59603 96358 92418 23911 11200  
91031 03429 38186 33676 33819 43929 46063 62727 41369 62957  
96708 26231 00000

**12153/10671/8093 kHz, 11-03, 0700/0710/0720 UTC**

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

11166 70202 51493 10027 03039  
17625 55273 86438 18352 90602 01531 60829 86961 22671 35787  
45704 99534 27611 76225 53451 00316 13141 68941 27018 41422  
01743 10783 47888 91482 17587 02766 96894 08434 94273 07487  
35040 12411 83047 08979 96540 19682 66198 98455 11252 23548  
05322 34353 98684 33154 79128 50144 00785 06150 90495 08332  
45670 36138 47440 24080 59518 80835 47709 06901 68781 41906  
21671 93857 59918 32386 13187 72699 88839 92643 03173 18380  
57243 40809 05508 91391 98032 68625 90006 71352 37006 18633  
12126 24284 23002 03650 54093 27021 43688 54469 07152 97187  
69182 06718 49608 02170 90695 62813 00367 45542 46380 89957  
52635 54359 51573 40100 17502 15778 75618 02812 32059 36419  
32465 27010 11762 22935 77216 72462 51720 07193 25825 77021  
06596 64531 40125 50511 03807 98524 45377 31218 69719 90678  
72520 65910 73508 38510 42327 99338 18394 30448 33630 84139  
34912 30978 02824 47089 55943 74490 46824 72641 78149 91242  
26669 89691 39534 13902 93952 72494 67799 38086 87280 91688  
79192 35343 90928 76347 32530 42011 72899 73004 68081 72401  
44562 12596 86004 29723 09055 21241 44023 13213 90652 35815  
79024 44880 62272 10239 82274 64329 13318 23436 82929 65079  
25036 24879 19545 70831 45586 78679 04247 75104 81999 92139  
09278 92699 51226 39730 30588 96412 57446 18399 08167 37432  
87838 95173 07799 72879 43999 32988 93933 48906 51187 05667  
48357 12794 12587 38003 14350 52503 00788 31878 71020 87094  
03648 64350 67508 56469 66745 68656 71727 83864 99595 34057  
13353 09537 37833 85470 25741 19077 78527 28826 16445 14789  
30839 73082 21052 03580 49189 64836 19990 99779 41142 96477  
23025 66347 67178 73802 51110 42895 74553 54049 70297 33963  
32416 90275 57371 55980 60400 43023 01928 66368 67847 45201

74550 23196 45865 31137 15795 48851 79408 65720 25662 96143  
71566 34577 58244 40292 97237 81227 51234 45228 28398 02147  
44988 27301 00000

11166 70202 58961 10028 01019  
19849 16717 16444 13139 17510 21788 70080 44907 05128 57973  
12482 19247 63390 56611 14851 39801 23667 15345 44395 12506  
40124 02447 04655 40970 35375 28804 14204 13750 05598 17277  
72176 25708 96067 24099 84039 00634 83034 92024 46057 07329  
22890 39897 11890 86335 54549 18328 89753 29496 66004 86185  
43590 79528 60958 87561 96665 41815 86515 33920 61066 25582  
07827 21110 41494 56663 40653 35922 86826 29030 77778 31894  
87863 87280 70198 79029 44704 57275 49046 17142 52188 67102  
99164 67491 76847 25558 20283 82412 23788 50346 36729 37620  
16964 63158 41610 96870 41257 93848 86408 03688 19814 28099  
00000

**12153/10671/8093 kHz, 12-03, 0700/0710/0720 UTC**

11166 70202 35781 12031 00049 00000 00000 00000 00000

**12153/10671/8093 kHz, 15-03, 0700/0710/0720 UTC**

**13526/11428/8026 kHz, 15-03, 1200/1210/1220 UTC**

11166 70202 32547 12029 02519  
60935 68973 97393 43962 40671 76200 01957 37331 02368 69380  
43588 85387 48312 58168 36660 65445 67293 72610 36939 59039  
55537 11594 02610 50822 79939 02733 12437 13106 69510 03359  
89486 18231 45985 97322 03856 45957 29533 67270 52844 78065  
80492 47110 41999 97347 63093 84331 15483 33183 42080 66880  
09190 20883 48178 94270 25059 66989 73360 97621 50011 37726  
81820 38309 67956 12773 47616 39920 38302 71563 54906 33189  
39405 04293 21727 18615 00399 64812 33232 76442 69843 07615  
95354 78689 94622 76081 44807 82918 07539 34195 76370 12426  
47030 58885 73407 52555 57456 35218 52532 17800 43396 21599  
58382 69403 76371 77182 69419 88130 77464 68678 00709 31900  
24241 98737 14606 32977 55434 23111 75293 14391 71816 48765  
08098 30289 56703 30135 49533 59903 64517 05721 99005 09807  
50864 42194 08113 04174 42542 78217 68478 67704 70939 85153  
84064 30918 17238 86861 38883 12493 42880 05758 96070 58352  
03719 27338 89232 42166 71305 00341 92020 56972 09733 14747  
76865 52599 81493 24792 98810 98571 80774 09191 65377 77199  
17627 85759 78405 36520 01460 22609 58800 57802 97280 13120  
90134 17282 53136 06864 42029 46822 22170 13680 59256 23192  
27757 23075 27508 40646 45136 06147 51755 46481 97989 92210  
08151 44287 93393 37330 55398 94544 43591 26916 16531 67282  
48019 79609 67043 26470 34021 44606 90303 50837 79696 09643  
86189 20808 67309 61797 43887 26230 40706 68326 14784 74598  
65172 69695 46395 04454 13170 02010 63274 33641 24384 91029  
05815 97120 13540 84950 62917 54019 24389 18142 59433 29249  
00000

**12153/10671/8093 kHz, 16-03, 0700/0710/0720 UTC**

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

11166 70202 92587 15030 01479  
42211 97011 85986 79364 82074 66146 21275 06533 84716 79292  
16270 75761 41886 18994 77698 65784 47714 33226 07041 66983  
44021 55681 70687 75936 11819 57010 24885 63892 32430 44200  
81405 48863 66687 50294 24871 26011 25628 81623 17684 36024  
31132 14755 53481 76173 89940 60320 45074 83729 29489 35941  
57787 46427 68993 15413 24154 19673 24234 46353 00886 55175  
69457 53490 54079 70694 04855 69784 83571 15580 03037 62570  
22395 11812 32958 46903 72272 75207 84713 03307 61081 46492  
43649 42090 33227 86927 87239 81451 08866 18172 03140 31523  
72913 11065 51880 01569 79773 53034 22618 72513 84730 48793

55402 01992 37935 34032 28368 54096 01928 06785 33322 71035  
78637 06159 88133 28859 56783 93111 59391 44459 15632 12974  
93737 26031 46034 44390 81344 84173 74686 64377 99947 45822  
02556 84182 12888 38205 93393 35630 19595 35003 73295 12643  
81944 81904 27222 97629 74940 30145 00000

11166 70202 87451 15031 02559  
61272 86234 53396 31454 10444 61228 80980 67105 50694 39152  
87453 51219 67412 90479 17837 47159 43692 37103 88694 48266  
73852 63677 63614 49021 87991 84146 04572 95601 73513 93124  
47604 58017 04567 56835 76245 91019 15328 23284 91146 75961  
78071 56361 99326 60811 71964 23553 71494 40488 53515 91956  
40866 44727 64630 12284 41933 25641 39195 95537 12599 62186  
94133 12057 08146 23704 15877 67606 00438 59736 78179 36209  
60832 08293 52220 54400 50210 39769 94928 06602 64575 78688  
26465 56287 09658 70475 32803 02646 02958 85422 54352 67415  
26672 77061 46539 41578 79930 37112 23314 46613 03791 14205  
19493 89980 77426 88550 32894 19536 08939 19770 32193 06555  
69235 10039 41433 12064 42419 49766 37147 16149 91110 37972  
18997 14953 60156 94560 39899 15026 67145 06678 06554 79730  
53188 76335 86326 07389 92383 61498 81408 45847 83410 27804  
56204 73158 71692 53130 28879 99069 75564 52168 63001 66989  
14876 13210 20226 61135 65481 64330 59941 48548 88040 11147  
96834 10649 04576 13354 52301 44038 21218 92209 60642 35226  
20587 86174 15975 38967 72228 96867 70819 14900 34569 92561  
22268 02176 46798 61368 46699 36762 34138 31329 68958 41110  
74927 99579 76955 40868 02959 37795 17601 88342 43507 66075  
35035 97377 06489 12494 37078 19350 85185 00466 00837 14962  
33973 31138 53411 01531 23489 52990 88638 80444 96682 35827  
05807 74484 74181 91350 81280 29703 82408 07509 08970 61531  
02891 88793 70592 49820 66203 19691 21651 12488 38971 93454  
04075 12477 77376 73404 21458 77688 45617 78934 37829 38603  
22730 13408 85903 31253 00000

**12153/10671/8093 kHz, 17-03, 0700/0710/0720 UTC**

**13526/11428/8026 kHz, 17-03, 1200/1210/1220 UTC**

11166 70202 75316 16032 02319  
29654 45314 96967 26808 82926 68356 95874 41286 62367 37408  
83484 06628 03151 99901 29751 11529 18470 45309 74580 93302  
58730 19879 95289 43877 85304 14132 37823 34641 38514 21549  
03925 21080 04545 91880 11467 13127 10970 27529 70097 22181  
05584 96434 39413 20720 98210 59901 61843 75448 70195 38798  
87418 39916 81263 66586 32630 17554 28422 02588 40556 31048  
36601 03958 34442 59006 85727 79775 81929 25842 03906 75709  
12116 55825 81397 62680 52632 27222 85099 27973 78928 87475  
78184 92214 92955 15362 74615 00685 73428 41045 83205 62368  
64855 59995 20920 35204 97528 01675 00097 80960 55657 38965  
19288 38179 35835 49238 12403 86622 63021 63033 35827 01664  
56238 61271 98233 22049 61152 06931 62746 79486 91746 22151  
76158 63481 48258 46664 04887 19867 03573 38527 82354 06458  
75265 03070 97487 54281 25470 61001 79006 07800 55775 91620  
55215 42582 89317 12056 93955 83855 57278 78479 52434 74365  
31956 20233 91594 64997 73613 42801 34730 26585 83275 60566  
75020 06354 78679 45292 61684 77421 35550 01260 19431 54811  
61397 03011 80898 76400 94021 56615 36772 72252 41916 70424  
33264 70759 08742 46218 71639 15047 69081 26715 89489 88061  
87649 60358 28422 69795 99140 69329 17872 75068 90915 31718  
29706 45322 55706 13791 83322 92852 06523 13297 05920 20917  
70963 99745 77636 68167 07102 62592 16232 50825 08139 03275  
81018 01063 88021 32031 00703 24994 65201 55445 54857 32229  
00000

**12153/10671/8093 kHz, 18-03, 0700/0710/0720 UTC**

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

11166 70202 92541 17033 01459

69741 61299 39071 45472 78177 35289 64073 25709 55403 01131  
89403 20761 11629 81915 65747 35201 00464 74386 95258 46963  
22384 09995 55577 21172 62661 88313 85661 33064 74705 37510  
06877 67180 44760 81542 77775 85003 98874 18803 06003 78254  
38106 41852 65772 50011 12876 52973 94346 90848 72429 55198  
65951 42192 50324 23524 66579 64053 71899 85982 18102 49364  
94645 69264 25141 52060 17430 88580 43124 21144 19505 86453  
90981 57869 15235 50114 56894 38281 35489 62205 70558 68252  
71630 64472 40383 63245 43035 39129 79073 69960 74092 37586  
66022 72064 91608 11233 19967 47191 78559 23953 80322 67404  
45133 51072 20660 60293 02988 94410 42738 72911 53674 68145  
24547 05729 27157 35156 20789 08795 31364 98545 39238 57288  
98721 78025 41422 48663 40583 25855 41049 88546 45520 62013  
98633 57611 82389 33299 35746 76576 94127 26046 17334 11556  
93200 87138 75538 33143 00000

11166 70202 75642 17034 02539

49377 72465 34059 87284 77086 56404 89238 83069 67856 31484  
80834 72353 22256 00716 99769 64022 31084 24898 59090 43592  
98355 81321 06263 28450 86276 32345 84789 69679 93108 58515  
18579 67653 99896 35935 17504 93588 46976 62543 27591 34240  
26203 63022 74280 01930 99842 26999 72178 77093 82059 60232  
99762 75533 43940 53480 62462 57573 27989 98729 92553 21284  
83032 07478 59308 46986 55476 10747 87835 85208 97841 45531  
10057 05290 80525 57353 96236 46813 17727 73624 40526 41058  
43462 27484 98946 94664 98618 36833 03247 52687 14988 68208  
99085 83232 07195 40226 81957 50865 08489 46254 29321 70971  
11311 01011 52346 62271 98585 40783 15734 39655 76679 31934  
99041 14547 45942 67413 97938 94967 69801 55928 88858 02502  
28316 33492 05447 48335 67145 52012 00285 35575 77866 24622  
90285 80013 70574 32437 09231 66547 24708 22429 15866 83423  
29031 51088 31012 01503 46715 53590 02100 90736 66460 43128  
18600 91035 25578 70107 26763 79713 15996 95900 17111 02716  
09105 60829 83121 61786 60386 51077 74546 74797 79777 94222  
93788 51396 78675 38055 08788 51181 29558 92399 80848 16580  
99129 38604 30839 97623 40942 36391 92220 10804 58423 82767  
24316 99198 74261 02666 84279 86053 67063 76010 81191 39010  
61243 30907 60719 87164 81069 57618 93784 58149 04810 23039  
67670 27415 79907 90342 03006 96910 85136 73492 45069 45352  
50664 81301 02847 17248 71957 30734 34276 42890 78481 34129  
01127 06488 43116 90040 41939 04634 43232 32373 36476 62289  
09372 17517 60111 98474 22453 54142 51590 58857 45456 05374  
42621 34251 00000

**12153/10671/8093 kHz, 19-03, 0700/0710/0720 UTC**

11166 70202 56421 19092 00049 00000 00000 00000 00000

**12153/10671/8093 kHz, 22-03, 0700/0710/0720 UTC**

**13526/11428/8026 kHz, 22-03, 1200/1210/1220 UTC**

11166 70202 78541 19035 02759

97636 23579 36135 67276 60396 16234 87334 31152 60487 26779  
23244 90187 70979 45158 91504 47211 04133 98268 29613 79723  
72522 49350 30592 11985 68229 87694 60313 45406 33542 75884  
62427 26928 21591 46735 11823 60071 70364 67130 02562 88354  
38551 10939 81217 05764 76615 08209 61572 73955 31588 62807  
81590 50889 08964 55711 88617 60573 40186 76131 63739 58608  
29115 47652 21240 73224 75956 41580 44091 26487 02052 94686  
41420 65374 24001 73533 38883 57397 50525 52568 37886 30463  
00532 98171 04595 61661 65800 75858 74663 44671 66739 22805  
84625 90454 74645 52893 65881 40952 98904 86467 62223 00448

62574 21986 56828 14299 14774 91747 19666 49714 53341 68896  
11254 58273 56168 17876 03692 24870 44679 05535 04928 32772  
27857 15059 97177 99476 00295 29927 25442 63058 92670 80069  
97066 23689 98110 67425 78264 70028 22870 13079 98553 45153  
34756 93167 99045 31739 07763 55745 85509 61155 86309 35789  
72172 76181 17571 10546 27164 02021 25291 62383 55573 05302  
23550 41366 81031 45758 93904 44712 11772 50273 74350 55338  
02097 63966 33530 06670 45194 58027 28641 65918 58240 98974  
70466 52988 45720 09020 43974 37231 51916 72243 57922 79205  
38489 66254 21901 09653 48090 24018 74258 62868 39956 55561  
09340 06646 08408 84217 77481 36001 20196 77115 56195 22845  
31635 74592 15984 38809 71457 48215 29222 93395 00330 42116  
95538 54648 82966 77300 82145 44536 33776 23639 02539 26227  
21984 69227 82025 25439 47162 41783 83492 53072 21109 61794  
91876 21290 17012 32089 80760 70241 71833 93514 09533 47629  
52860 01422 24555 08280 24345 02637 62767 25936 75187 17610  
81176 34433 93585 57422 60656 40464 99597 30351 57507 75109  
71553 17667 01201 35273 00000

**12153/10671/8093 kHz, 23-03, 0700/0710/0720 UTC**

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

11166 70202 25674 22036 01919  
44899 40003 32198 84193 62472 86410 99030 02759 29569 54473  
08380 25465 76700 27190 02476 74567 45692 41396 79035 81400  
81959 42902 35741 52509 83920 27284 42934 76890 57968 08510  
55480 29043 52445 82574 99724 47499 69070 78354 96481 93532  
75231 12845 06002 19738 65604 92987 05843 03146 46517 31268  
37599 22593 41515 67260 83401 85002 41549 12330 58153 30293  
48228 59656 28416 69573 83581 26786 93901 36337 64759 22881  
92493 55328 67112 57873 14743 58767 24088 35694 38773 04635  
37380 98772 21536 76689 95770 15998 07351 70908 26102 31316  
39661 98048 24811 15172 86961 57005 43470 85952 18817 58655  
26773 93659 92911 04880 26391 82955 39083 52452 39152 77806  
51253 16473 42976 54884 23218 93043 28992 97938 89215 05868  
53291 50296 55219 06466 56747 07709 31888 82686 26338 18707  
05123 55212 96407 84673 05147 66736 13308 76800 60064 93505  
11860 12135 44833 33911 77063 55891 61577 53821 89505 42223  
12188 93336 77887 30635 49150 64662 27131 40234 15526 95773  
15474 28991 10035 99580 79022 10216 38170 73259 27168 23428  
35293 57452 57333 01802 72627 10014 42460 03391 82109 74000  
89701 98299 61021 44582 93728 29010 42342 64568 33117 36189  
00000

11166 70202 41238 22037 01439  
61826 85226 66753 51604 60024 38315 12492 30919 55309 36324  
50614 62586 22358 32214 18740 73849 68063 88837 48104 80711  
46636 23222 28705 32463 75983 57201 06202 14894 47539 35324  
15233 35644 46742 95993 78848 40114 26348 06765 28742 31379  
99753 99738 25974 92545 46536 67988 86867 34990 47381 08964  
43769 20912 90597 25807 95360 33635 17398 22504 26208 94111  
98138 53838 00238 47044 56701 16054 57824 65082 85211 89183  
71179 44515 16272 66975 37732 90916 44904 35354 16177 18155  
17385 85351 34898 09233 29167 71454 27432 12371 99067 51291  
74671 70788 11910 67611 58504 09613 46817 58482 56550 28350  
33331 06652 32713 72366 02557 63999 03208 81808 25505 12034  
82779 41398 55845 44355 40767 79548 19219 82028 21732 90238  
16342 57808 10320 76063 32056 30145 45049 35934 67518 12915  
10708 45824 37736 31813 64061 06035 01612 43336 72538 53393  
16698 37141 00000

**12153/10671/8093 kHz, 24-03, 0700/0710/0720 UTC**

**13526/11428/8026 kHz, 24-03, 1200/1210/1220 UTC**

11166 70202 96358 23038 02839

35068 97113 88587 92952 78484 93338 71995 54111 68451 81923  
98026 46571 76156 16926 02564 52751 03711 33964 64081 41844  
56234 29420 93354 87145 72247 31127 80700 70978 92048 59011  
92919 38153 68769 99110 37128 83900 51788 39408 33682 87219  
97198 40917 65362 25563 85017 42464 95019 31816 47814 22592  
68867 79496 40455 67038 47599 07113 05652 15213 32534 17621  
14993 84116 78962 13914 90153 93138 13892 56292 33971 38176  
00367 52832 26066 88496 15569 18612 62704 04804 34864 64720  
45586 01926 39003 02982 49248 04566 86643 77352 21763 69568  
19403 57905 98430 73117 91611 58352 33145 86314 41960 63045  
77122 87579 49232 74374 59679 85293 39306 16528 50756 49149  
35611 56529 09856 73613 70228 28497 51106 21970 97830 72069  
79113 24356 79628 20920 75310 28248 29537 02315 39480 24818  
39731 33639 16140 99617 27778 26834 60477 81004 72550 36680  
23527 84764 31085 13872 61266 78367 53596 48805 97335 13283  
38812 17034 94046 98802 96837 62318 11389 15804 11720 78210  
58705 93890 20912 74117 68736 00354 53813 36761 48711 14385  
96586 23003 88181 84976 75425 44939 28272 95958 75471 33229  
22056 86597 37556 89577 40723 01197 99975 64313 05240 66144  
77455 20013 48182 17836 94524 67083 35437 29911 15461 82268  
02447 13255 38015 45990 84698 87176 43083 59484 47139 45224  
17530 27656 42197 64069 92341 18594 51111 28890 63297 35683  
88246 73691 86350 63255 73084 60020 64901 71706 99579 42477  
71155 93032 57558 94497 68746 02702 85869 92815 28820 68823  
61948 84060 56762 54533 57503 81917 71757 84539 14994 68294  
06370 11766 24606 96928 18324 45035 06399 22874 31690 23716  
27313 06302 49645 50290 07736 64058 06006 16757 97295 67411  
47712 85834 24591 09429 65470 12873 50530 90421 14711 19433  
79966 38281 00000

**12153/10671/8093 kHz, 25-03, 0700/0710/0720 UTC**

**13526/11428/8026 kHz, 25-03, 1200/1210/1220 UTC**

11166 70202 32547 24039 01599

73180 51327 45868 25139 16929 91195 54642 35216 93577 81818  
25036 75428 45142 38528 34949 16502 06376 15731 34619 75608  
68095 67281 67216 13112 29658 52650 18452 74337 76552 68586  
93620 68544 44011 10946 45521 02291 52596 96396 01705 09388  
26707 98663 64458 44616 31924 79014 81997 33403 92137 15677  
14280 94644 72408 61860 41881 78858 38484 87086 91383 88855  
28904 81500 75703 75119 00657 27865 72789 23083 34294 70915  
91150 74482 09468 38761 95627 49981 86803 96029 91861 65257  
57067 33440 92886 57729 43549 23480 16296 66112 68614 96891  
85402 29999 20344 19642 32851 01649 80214 75070 30101 87161  
97753 80900 91229 59246 23098 95798 24490 08749 33403 95175  
30055 27143 14044 20912 67401 37165 80526 34696 40742 13777  
52067 29662 75984 62649 12774 80020 87610 48363 21346 33360  
58948 89483 55267 75314 84253 62740 00396 21279 46051 83455  
21905 14868 26157 54448 77508 37797 73844 00567 58914 60876  
79563 31068 72426 90805 27668 96999 94657 39157 00000

11166 70202 65471 24040 01839

40534 43941 59226 73721 95556 71560 10931 55651 99088 42916  
57590 45271 63474 19613 81608 01552 93306 48316 09856 01497  
61858 11682 12028 50683 57541 29371 49488 46245 92560 70104  
79296 15734 90973 60691 43087 80293 98328 02965 95513 15596  
80069 34567 51914 08964 00900 94522 59918 36117 02292 79526  
24660 05995 20329 01900 42289 47080 11063 85138 21476 33657  
75581 58001 97588 75456 01972 33068 69239 19116 66364 80703  
11868 34891 60241 34380 48083 87058 36214 88274 79409 11449  
89432 73095 09166 48549 16835 21063 11128 05604 21410 55995



23696 46157 53678 69421 74219 30482 07550 68675 63205 55316  
12785 07890 63059 66356 91203 37850 11075 41945 68869 35621  
01349 71384 61406 99908 05303 76316 74654 23067 75515 48605  
87839 75718 12533 03169 11457 64899 99361 69177 37042 51681  
33325 68079 21026 39199 09964 51873 69867 67035 38681 00077  
18628 72879 94815 98821 20202 07415 37816 50513 87379 13367  
50233 87498 54919 04648 77183 88174 53838 06533 71001 18971  
15092 42815 70746 50655 44836 80869 71269 22387 38457 70558  
61504 51968 25565 37927 36701 15720 63122 19625 14262 46420  
18914 40181 00000

**12153/10671/8093 kHz, 26-03, 0700/0710/0720 UTC**

11166 70202 79645 26078 00049 00000 00000 00000 00000

**12153/10671/8093 kHz, 29-03, 0700/0710/0720 UTC**

**13526/11428/8026 kHz, 295-03, 1200/1210/1220 UTC**

11166 70202 21547 26041 02059  
94087 00714 64108 83113 66822 46492 63979 39596 46121 83563  
32961 06439 09043 36933 69690 19862 26905 89242 92622 73391  
48557 65869 09291 82887 19297 98254 76673 07148 77612 76382  
07368 97507 96956 26366 01246 74884 64710 74060 07290 57706  
15559 80656 45291 89145 61438 61176 42101 37116 85252 21825  
62113 65459 90555 77118 36678 99755 24368 32744 22132 36207  
15332 45072 41120 67021 94384 93267 86913 20737 90133 24945  
95399 40931 16137 61280 14439 51736 92254 72550 25265 83618  
67277 60005 95632 57842 35008 05037 69383 53070 60988 71560  
22131 02517 62058 72565 37742 95121 05939 36758 85308 79154  
23010 36241 01297 91699 47500 61165 06553 62460 30241 52293  
12869 65312 90205 27406 98781 16056 96991 62502 59296 39791  
01459 13713 59225 56357 56695 90882 44829 57285 96498 18739  
93441 72683 63572 46610 05778 51504 04608 92604 70595 03629  
74457 33205 56415 77205 16572 74208 09979 69677 11893 63955  
66123 95941 13396 34777 98784 62073 08460 83604 67788 18051  
76259 27674 41133 87932 32364 96273 97453 00898 77730 44452  
38342 71617 94276 99647 65218 03369 54227 77158 00449 12347  
35415 25400 57380 96608 59726 86888 88989 98068 96879 85875  
69840 31019 00725 78591 91018 75573 70243 27017 72749 59498  
52452 82126 24379 41203 00000

**12153/10671/8093 kHz, 30-03, 0700/0710/0720 UTC**

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

11166 70202 85412 29042 01739  
42979 83200 49293 85864 30148 38116 32803 15943 82542 06875  
94416 32542 05370 06015 44335 99248 54433 78885 95970 41385  
22724 97353 18200 26080 34533 01105 75627 82280 39263 35472  
61508 84147 22144 73752 53041 46263 74028 34922 43710 04092  
87448 32700 32366 78134 71143 16904 73735 45216 00219 93021  
20035 65329 44147 30945 08398 37489 39780 98803 73779 83030  
01578 82828 92041 79779 86220 79195 82905 95541 53813 68772  
27441 94350 92851 10718 79815 13899 01152 15862 77945 37603  
39919 85813 82782 09739 03153 28725 00882 67068 69566 87654  
69973 85420 29220 42466 12200 64646 02043 71197 84722 00388  
90437 81844 82373 16103 33163 50486 72053 53786 52658 26703  
63547 46808 13024 92207 46456 23333 30834 83648 47934 13731  
05960 15496 90906 60434 64609 63980 57468 53679 31755 97987  
87142 41550 75150 67874 64696 87794 88107 88126 77184 75812  
03238 74806 44931 82291 54335 23717 56113 68892 28594 40235  
59651 65452 76339 56730 96089 43118 70476 98532 71144 00868  
32818 84359 01629 13842 69511 72163 88409 16931 82721 86321  
96123 42171 00000

11166 70202 35471 29043 01419  
57071 55539 77615 46762 61730 84829 76989 22994 13421 64582  
25507 30641 58503 31941 10613 90595 94775 17573 69014 78270  
33651 25300 28597 51912 35481 77459 78947 23983 60207 36916  
25183 49044 00533 41674 04765 26582 89803 13028 71986 42213  
01781 23181 79836 95705 84499 33277 13895 89253 95393 37780  
57978 74445 29875 76137 96214 81357 60567 97667 81218 78215  
29360 90601 23076 35063 59488 11235 78820 89865 79822 74100  
47074 40499 78543 89125 97562 11051 28409 56691 90171 65877  
50781 56543 63254 69849 10622 91484 95846 18233 59621 71798  
73514 84627 69664 51321 12489 60418 23818 51121 21794 84158  
57019 31706 08051 84344 63668 99710 52646 83990 14289 59986  
15947 40473 48475 49044 48255 19059 36280 10780 12196 23561  
25259 00426 46205 32563 15339 27657 23829 14648 28714 74797  
88505 21071 66938 51067 68528 79302 72425 68790 01865 43139  
00000

**12153/10671/8093 kHz, 31-03, 0700/0710/0720 UTC**

**13526/11428/8026 kHz, 31-03, 1200/1210/1220 UTC**

11166 70202 75921 30044 02519  
41943 83470 56251 65427 60434 20001 59943 92500 55959 83858  
37654 09408 63414 41504 56534 01097 28516 01372 33036 96289  
02174 29505 29881 46064 02153 01632 35151 13083 27968 21344  
71957 13647 39921 59079 12101 79784 38253 91597 92178 33527  
03317 46623 55575 90595 82735 82356 68761 35661 36459 56537  
85349 36376 75678 64742 56345 88365 56519 52612 10021 08359  
14458 31688 49860 17655 50403 53552 44005 83109 04366 21955  
04642 07825 77676 47620 80774 88738 89663 75410 12800 83290  
79749 38543 22354 52362 90890 19550 35835 71671 95303 22655  
65062 28811 48414 87270 93504 48125 81968 97295 41502 10595  
72238 65894 08943 60938 44261 00462 18805 19108 98056 77441  
10026 38359 67752 81704 53120 77097 49555 90155 86989 76682  
59508 04276 00362 62368 06972 61272 06297 09588 94763 78530  
83195 42745 81897 11051 80752 58725 69853 26570 14285 92287  
98329 28038 95875 65550 61391 78146 75780 88743 79980 05599  
92512 04412 91700 97805 55066 92268 43830 09688 05704 76883  
00495 43289 36747 05381 99931 77870 59805 87354 22803 55181  
50892 14172 57463 49598 19849 99863 73155 77808 77529 10775  
37037 27734 99168 76185 36009 11386 07387 97065 89250 71322  
23259 95165 62428 95417 58882 69629 19494 19613 49896 53307  
73017 23344 51369 85971 19001 47336 45508 46607 67093 88441  
34624 11977 02158 51226 17785 33641 38123 60971 74596 50622  
50056 67794 04553 79901 95399 96572 95391 51935 60297 22349  
18886 83379 91969 75918 77519 04206 03047 09276 50476 81404  
58819 75611 12385 06451 83338 03554 23253 38731 45297 44249  
00000

Link 80214

**16054/13471/11162 kHz, 04-03, 1330/1340/1350 UTC**

11166 80214 51487 04041 00049 00000 00000 00000 00000

**16054/13471/11162 kHz, 11-03, 1330/1340/1350 UTC**

11166 80214 85473 11067 00049 00000 00000 00000 00000

**16054/13471/11162 kHz, 18-03, 1330/1340/1350 UTC**

11166 80214 13587 18031 00049 00000 00000 00000 00000

**16054/13471/11162 kHz, 25-03, 1330/1340/1350 UTC**

11166 80214 26587 25035 00049 00000 00000 00000 00000

6895/5813/4799 kHz, 04-03/05-03, 0500/0515/0530 UTC	File 04464 (1216 bytes)
6895/5813/4799 kHz, 11-03/12-03, 0500/0515/0530 UTC	File 04465 (1328 bytes)
6895/5813/4799 kHz, 18-03/19-03, 0500/0515/0530 UTC	File 04466 (1328 bytes)
6895/5813/4799 kHz, 25-03/26-03, 0500/0515/0530 UTC	File 04467 (992 bytes)
20440/18726/16139 kHz, 06-03/07-03, 1500/1515/1530 UTC	File: 04458 (1056 bytes)
20440/18726/16139 kHz, 13-03/14-03, 1500/1515/1530 UTC	File: 04459 (1024 bytes)
20440/18726/16139 kHz, 20-03/21-03, 1500/1515/1530 UTC	File: 04460 (1088 bytes)
20440/18726/16139 kHz, 27-03/28-03, 1500/1515/1530 UTC	File: 04461 (1024 bytes)

## X06 - Mazielka

14451 kHz, 19-03, 1210 UTC	MFA Moscow clg 625413: Russian embassy Tel Aviv
13510 kHz, 23-03, 1008 UTC	MFA Moscow clg 612534: Russian embassy Ashgabat

**XPA1****12132/13453/14576 kHz, 02-03/04-03/09-03, 0810/0830/0850 UTC**

973 973 973 1 973 973 973 1 973 973 973 1  
05734 00124 72023 54769 43574 92665 12474 00765 16166 15925  
74637 04810 67244 48970 07548 65682 21022 26479 63768 35452  
19867 85294 34653 25706 22406 17265 82406 05340 60447 35469  
98826 14915 73102 22791 58022 55751 65889 16636 98750 38110  
67583 42513 78734 96979 57540 47051 60334 01119 21643 98966  
18687 12315 39120 00013 01603 83102 92097 87323 80449 73380  
21673 24887 95448 34507 51738 84477 75831 03435 73424 90963  
40779 52753 44525 80542 46448 83338 61694 46149 62631 13705  
35286 53971 24865 03013 74191 79302 08153 36923 76125 71521  
39765 28599 61963 05281 54147 65033 46124 08082 73896 78041  
93118 78329 36392 04678 71774 13846 77278 92349 10283 59261  
04987 36112 18074 70824 67937 29844 70541 40164 54793 70095  
83811 20014 98015 74685 74960 92548 52244

**12132/13453/14576 kHz, 16-03/18-03/23-03/25-03, 0810/0830/0850 UTC**

973 973 973 1 973 973 973 1 973 973 973 1  
02937 00160 92096 46866 58373 59365 32397 08795 65963 70800  
28108 20334 98178 37537 32212 34094 40139 02433 75368 92067  
50228 14152 73876 95139 46621 49223 04672 33197 61303 56128  
74721 87116 27030 45832 98925 07926 76600 11424 57393 07890  
73344 75457 52066 22986 96247 32166 63567 84104 80400 47723  
67150 88372 68477 15443 74722 06714 30840 24392 25639 25606  
46410 18876 83860 43950 63010 05023 99751 49958 73205 97920  
89876 57269 46659 04817 06596 05298 34276 92259 57573 45541  
38762 86788 19190 24126 25842 26324 18477 65642 20232 23891  
98040 43071 91745 09460 60671 31486 20760 52370 40511 66909  
73048 55181 23951 77530 63919 72072 79627 53457 23992 16596  
56620 71937 60261 70796 34117 05741 21769 69301 98490 21234  
42926 69232 75295 11301 84766 92550 85478 78107 31544 96660  
07940 97608 12816 75483 26864 69294 59572 51391 98492 18239  
35939 24682 96794 18675 57742 66870 70112 48172 04227 85197  
88452 02549 18588 97669 21992 32350 74931 40067 88019 03517  
49543 94367 16054

**12132/13453/14576 kHz, 29-03, 0810/0830/0850 UTC**

973 973 973 1 973 973 973 1 973 973 973 1  
08416 00188 70296 04344 54279 32755 79248 92330 26466 04224  
35018 74755 88582 91618 71115 99046 51478 50591 98970 81491  
54427 94114 67126 48730 70694 35700 64175 01683 35859 25809  
44778 80533 75890 73819 01212 37123 66059 40527 38316 39876  
88183 05017 71128 38943 10437 72238 77650 40027 35980 88288  
06007 68475 27451 59394 88091 40239 33983 50692 10669 26710  
69991 77331 21741 27202 87407 23179 02491 19334 52463 14795  
78766 69885 86223 33589 68077 19768 48899 79480 22191 90859  
86397 54291 99708 56600 55592 86251 79464 23259 26510 33147  
32118 68408 65957 04794 10681 50197 65074 91540 42740 62792  
42333 21256 86071 02448 45995 47187 12334 35865 89911 47052  
18395 12176 41937 09913 27118 41147 65587 27499 27190 52191  
53955 43829 48502 22944 70299 44649 02147 14764 60664 87517  
49923 73800 79640 76901 78661 67849 46679 28946 57130 48588  
75435 72745 46420 55240 56451 63792 06931 38219 61604 50376  
60693 30058 04178 10846 38291 19258 23794 20441 44699 69017  
90795 99909 73176 11305 55724 42382 63041 52224 57933 95687  
12595 81035 26927 53300 72088 28113 68241 44979 41497 60620  
63573 07565 71342 16436 13645 03809 65148 50863 54429 98088  
23443

**14451/13451/12151 kHz, 03-03/05-03/10-03, 1310/1330/1350 UTC**

441 441 441 1 441 441 441 1 441 441 441 1  
00442 00170 69019 01016 10113 20190 99524 72498 88568 62391  
90649 39098 09759 32863 19714 86629 63555 33102 09232 85581  
18079 91791 51133 65585 87041 72217 91252 26490 38923 51026  
84232 32924 86998 20320 05965 10800 62405 90015 39130 77057  
09603 68516 69188 78854 12973 29843 79130 54615 68943 01421  
77175 44280 88668 58263 20382 87353 98464 93737 27474 00769  
98883 66591 45139 77404 94558 48006 70575 93620 10247 67479  
16459 86038 95096 28124 35185 89930 31294 27397 05422 38386  
47072 19330 30498 69913 10483 47184 74897 02837 62378 00600  
49911 12730 16402 94963 41518 80711 92021 60846 25112 41655  
99356 20505 64420 89444 31428 72560 52086 79542 50875 02637  
53428 14962 66488 11624 21773 33088 59038 23471 06952 08540  
83595 54343 62897 58549 74888 94975 44364 91748 96794 70914  
86167 44834 13827 66507 91520 44413 17764 65727 00505 64548  
19176 13731 84651 54558 73339 27156 77042 10371 46539 81855  
59303 38628 67470 85164 19087 51465 29343 17167 00810 25953  
86262 60747 91726 45265 60211 22906 83798 13381 52774 09678  
18070 71864 47264

**14451/13451/12151 kHz, 17-03/19-03/24-03/26-03, 1310/1330/1350 UTC**

441 441 441 1 441 441 441 1 441 441 441 1  
09244 00202 79179 98733 99152 59789 58979 56880 63616 12228  
22215 81621 93527 67851 40347 69544 97875 55448 93327 35791  
33271 08349 64637 76493 19893 26061 07378 95756 18541 13369  
69606 07535 76228 82930 02668 20551 37682 30219 30645 35968  
89666 95869 65345 95039 37688 09854 13100 92119 34981 05443  
24089 10057 96242 95462 02127 83914 40557 67591 43428 12773  
41912 66122 21971 03964 04711 78315 08415 86526 69392 13287  
34878 26365 18764 92204 13325 56597 01648 76675 11683 48155  
34812 45654 33584 91930 54204 99145 12394 48312 78014 66818  
06175 02707 90867 35428 26962 73257 35691 79448 66296 02002  
97940 86480 79481 44974 42520 90655 32098 47833 40234 22463  
98242 04206 96467 18965 63051 95393 33172 08367 75587 38168  
67338 69245 19933 73709 01821 83174 51646 31654 51307 93159  
05359 75867 14693 81924 16385 15809 74835 15738 22657 31154  
77665 74137 27049 61585 75861 76643 47688 21605 92263 26400  
69217 97397 30837 72812 67510 06677 27839 26698 44885 62300  
75376 56480 78747 41170 26592 77301 19006 17422 11506 89316  
05245 01132 63947 80987 97651 94269 57378 95946 42021 84381  
39738 53232 86719 65729 64567 01530 81631 10379 38509 48959  
45676 20536 61700 69858 87869 01360 26185 62361 23791 60271  
33855 50394 92681 40066 11133

**14451/13451/12151 kHz, 31-03, 1310/1330/1350 UTC**

441 441 441 1 441 441 441 1 441 441 441 1

09118 00240 96241 79720 57125 90886 89844 05450 72582 32144  
71726 55767 52392 95165 40327 64674 70033 20892 18220 63233  
31237 81848 70467 40015 16041 35659 97757 02091 33728 98284  
66657 73613 54434 22280 14975 32256 95027 51252 36574 41812  
61894 00976 58818 88514 77986 82814 62352 84405 66087 91282  
02890 85195 65201 72207 82703 43109 23110 96364 91375 34765  
84988 97313 01737 40415 35049 28556 24944 82471 37725 61840  
87899 54122 71064 45476 32698 29407 67414 38040 92448 31849  
44678 81112 83710 32393 49896 90065 60726 44781 53258 25911  
95751 71663 66282 83137 55472 65196 38333 40000 34940 87197  
05168 31934 95837 68034 71348 87148 51600 28927 07985 79503  
57958 77073 26377 99407 90653 13678 00623 39148 69238 83253  
86188 85630 46185 66231 06960 91851 03501 89573 30563 09381  
18490 31442 00397 74541 38297 23251 57593 51026 61104 67168  
02925 82031 97308 82317 63325 76484 52106 99220 92137 76479  
38835 15378 29309 48723 74257 69584 58769 54322 91851 22254  
58402 53076 42490 79955 91961 54067 14562 11084 84639 31467  
11510 92686 03266 28269 73954 82656 45657 37155 60062 92931  
25679 14638 04148 34968 39322 45301 59357 12455 00504 17680  
88715 21664 40474 40109 31325 02136 02504 17526 29216 34334  
30551 52294 10561 53127 33897 51776 25532 15975 62795 73038  
07962 44514 79162 61563 48439 07876 25572 01036 66380 14339  
40284 20086 78873 56845 66511 08059 54813 58166 93736 54309  
16064 97469 37463 00324 77995 35728 04575 09304 06476 95387  
79630 28188 71132

**XPA2****13931/14831/16131 kHz, 01-03/03-03/08-03/10-03, 0800/0820/0840 UTC**

00323 00114 17978 65898 89626 79217 32458 49902 36526 65984  
77041 66024 38824 44060 43710 61040 48269 14849 29960 60802  
24485 43442 35213 20487 00539 61695 59047 98702 95545 03842  
01849 54916 62034 83978 90294 19080 19381 12669 14826 07493  
54445 20922 47202 33543 01784 00913 01180 14371 85947 52839  
22526 39522 46288 71591 17192 91121 89081 77807 30868 21224  
19404 88907 48749 83500 93196 57845 80886 29030 16449 37047  
96685 11452 23949 85352 33755 63875 60433 47035 93052 12532  
68196 43884 84203 73553 75817 09187 09449 49287 73767 27686  
12188 27579 20178 80094 40148 52523 61035 48125 41547 25455  
50967 00292 11129 28018 19372 35043 33738 45266 55951 36971  
84197 64371 95512 32414 86397 95406 36616

**18333/16345/14838 kHz, 01-03/03-03/10-03, 0910/0930/0950 UTC**

09638 00054 81464 20243 32240 01240 73985 13532 66211 78740  
50681 43735 60972 16530 32388 52804 39549 54282 32567 82502  
27658 40254 76998 94298 11860 26874 16385 93337 12066 74671  
77818 20468 19045 17641 16788 06092 32561 23187 67627 71274  
74002 05582 15579 69519 28892 60939 71497 86278 71292 54265  
31974 61202 33104 40052 63071 52753 27267

**12163/10863/9393 kHz, 01-03/06-03, 1600/1620/1640 UTC**

00189 00267 61945 70491 53604 10583 60703 16875 88649 05244  
82422 85739 50940 46188 95254 63509 40549 92773 25553 17018  
06242 58263 46727 12467 75396 62940 02371 79075 13411 30691  
58126 01516 67509 50607 16149 66509 17371 49500 47854 27255  
73690 95221 31928 66489 54252 43685 53313 49941 58932 72674  
86516 86994 72048 65208 45071 62391 12210 98918 94543 88332  
85658 11480 55523 83103 07340 87713 03125 40855 60690 71161  
96688 40307 25740 70793 54895 76628 27424 37607 50215 27592  
12831 19697 60650 29566 08533 85049 85924 80657 09851 59133

85555 28082 61834 09344 17109 87227 34536 60932 43932 43034  
58038 68577 84239 11048 65594 33392 40162 89528 87038 70587  
88570 52765 99360 03701 73002 90734 02504 63718 49214 60282  
18617 48623 04805 02508 75642 33608 75027 24592 49446 23432  
17213 36207 70661 64701 77691 56576 05831 03069 08330 71384  
55562 65843 28279 18739 86980 70880 45571 10313 74864 59840  
76507 65833 73979 90982 07441 04733 98016 34114 76042 79170  
97807 19235 05081 29487 07325 50095 97856 88616 25229 40890  
21173 81888 52497 29793 74103 82708 27564 12501 37351 08757  
81797 72448 79589 98014 17499 75673 28917 15523 12982 55214  
56848 09768 12518 59529 20216 29985 81467 35408 97475 74443  
87263 31440 08510 62281 97740 62242 37752 38904 23732 40794  
29111 18323 43990 29065 29448 50613 61564 83606 67523 30677  
41197 94674 05300 97582 95328 42477 07690 54090 26651 38775  
79047 65574 91118 26263 35778 08032 22288 14777 96693 20931  
59184 37790 60708 03918 24125 33495 66950 03617 13308 02964  
26409 96484 80548 40743 24260 84146 19261 66664 20102 33284  
06920 04275 12243 19555 17584 47069 46302 41015 46231 32106

**13384/13461/14984 kHz, 02-03/07-03, 1200/1220/1240 UTC**

01915 00124 54793 39430 09961 20305 64506 34285 92087 76678  
37607 47806 84163 32820 52690 26593 15337 69581 29219 97636  
97564 83689 15791 57379 75911 58016 22514 35294 00381 79622  
90076 13821 01561 45297 42384 28176 97267 58160 03545 69666  
69735 98276 32793 72429 42015 18464 34331 43566 78208 89629  
24029 41315 38059 16822 96368 26882 58627 61136 06095 63474  
23115 76487 34255 14921 68686 49044 67229 43592 09863 57863  
32841 86678 20170 04304 37266 31571 66991 64758 82525 69277  
64887 75643 60966 92212 54740 57126 51596 49486 24104 97489  
94634 54115 19520 00779 25842 32670 65889 53431 28018 47549  
81692 01694 51098 30074 26104 01622 04259 39113 94378 03557  
22495 22188 25336 58703 30280 89616 58878 08285 33363 70910  
77919 30334 53306 87172 76300 89669 73336

**13994/13494/12194 kHz, 02-03/04-03, 1600/1620/1640 UTC**

00178 00301 64026 94477 01686 47713 31889 10546 69220 60759  
77189 94881 20999 15567 72432 77036 38736 45056 17438 91783  
98407 37797 73926 13154 81255 29281 51272 91923 85927 26491  
02975 01593 78717 92371 03257 14582 62837 68658 23215 68092  
77069 87050 27344 91250 02491 99872 19920 57571 86485 19613  
64030 81885 54898 80518 46436 61528 04926 49742 79103 09374  
25478 13913 10028 79874 40189 60495 71492 67604 46435 28570  
78033 24866 68587 01815 27350 20489 87162 32102 73654 07559  
96559 74077 76375 27782 20937 76331 39481 77332 38303 31223  
69139 16720 38972 62957 53431 00775 83313 88864 75853 18720  
36822 41267 94297 45718 96948 39711 72631 12923 18117 03374  
00620 72608 96914 54924 86342 81986 90520 71915 77164 06848  
78365 65894 04543 81812 88400 47458 55098 14459 31171 20139  
39237 37685 52715 89284 10317 08788 86641 90071 90938 44657  
37061 18350 99682 29698 76487 14093 73070 36833 86292 08373  
04867 77507 97721 99325 05302 87069 06221 96975 60492 32682  
18266 72910 97372 75490 68245 67006 12516 31829 82166 23639  
24190 69982 03465 86782 31301 19579 88641 68267 31265 24980  
88393 30250 14521 67394 62732 71287 43374 18545 82733 03555  
95515 88543 67257 47736 66105 43108 78466 50094 78208 64934  
44144 07014 13340 55653 23187 93408 85424 99309 43377 84963  
98563 59935 89524 89026 57020 46712 46002 05543 36137 54822  
07489 99593 79750 59266 70006 86396 08720 01961 52217 96562  
93965 97714 89352 54299 26916 05206 48758 51149 62432 44630  
50511 77025 46996 21723 18719 36857 89839 99612 24404 90424  
93875 98989 62584 42238 64805 86651 69327 64272 91509 03955  
43645 72501 53101 36436 07057 57315 95548 26986 33784 29855  
37801 81076 31258 48043 08317 06034 58650 95520 97646 78310

54303 25956 03737 04059 46884 61329 97138 54352 68931 27871  
75480 69230 49805 99874 69430 79687 15261 18421 97277 74948  
70889 81387 14269 05066

**12139/13539/14639 kHz, 03-03/05-03, 1200/1220/1240 UTC**

00622 00104 36662 31629 99282 82990 02783 22773 57579 44298  
61616 32782 49285 77817 42473 89222 80281 67518 39974 24750  
89610 24110 76611 00560 04023 60639 05861 45473 80058 26732  
29043 19048 96632 56496 94147 87932 94725 79009 26225 72583  
70855 97694 32439 37053 26200 19145 33994 57387 61336 14759  
19308 13862 21270 72658 24785 60411 20252 34460 18564 18886  
77905 03500 86579 48515 67724 31668 09147 14897 20754 99061  
73436 91350 82012 90750 83665 51051 19655 42867 09548 75965  
85145 49961 47553 68630 90382 95867 26272 03617 18051 07255  
80906 18773 67373 42325 63509 98585 02978 43368 97440 72709  
12453 12609 09905 58350 45465 53949 02646

**16261/15961/14861 kHz, 04-03/06-03/13-03, 0910/0930/0950 UTC**

00246 00052 78766 40893 10205 33437 49110 64910 36650 92199  
59129 43290 25952 09279 07691 02550 48690 66210 55384 88593  
64849 87561 00736 96268 40454 20889 21647 67464 21380 74632  
11426 04141 32839 84294 51763 63597 50498 34917 85712 85765  
40308 91561 75110 41680 00605 45881 33326 90977 70229 01649  
07984 32629 45963 42384 42665

**15861/14431/13431 kHz, 04-03, 1100/1120/1140 UTC**

05948 00037 50538 23019 78065 24724 28231 57532 47388 57938  
46321 66016 45678 07128 78682 06367 19824 19551 31857 18107  
89053 42525 88006 48263 12701 11635 19526 03552 57015 30504  
56492 56225 56354 48620 43574 30659 07493 56127 97777 01764

**14639/13539/12139 kHz, 05-03, 1100/1120/1140 UTC**

03001 00001 00000 31654

**12163/10863/9393 kHz, 08-03, 1600/1620/1640 UTC**

04806 00001 00000 40254

**14639/13539/12139 kHz, 09-03/12-03/16-03/19-03, 1100/1120/1140 UTC**

00627 00111 10249 28419 55825 42819 56822 17320 99982 17633  
83777 30138 00685 81618 21926 13819 35704 42541 89619 19552  
17165 67318 77637 75405 20667 95884 40155 04932 10805 35887  
20401 51649 38822 23974 92761 62348 72159 05081 55379 66582  
06060 30595 99353 34741 03851 14959 26493 45429 08415 08474  
83360 46013 64706 74431 95500 90850 61358 14551 54372 58989  
52619 20970 59934 59873 79157 02210 65525 09411 10765 75010  
87253 79351 67024 33569 77214 36556 72304 79935 14447 17165  
29911 53904 83465 93548 81918 77615 66383 11873 60103 87664  
89274 12570 81341 23415 26293 97124 50452 11562 83887 59977  
78339 19414 26679 23847 77683 32658 81304 59082 90617 03894  
67500 44068 82526 67721

**13384/13461/14984 kHz, 09-03/14-03, 1200/1220/1240 UTC**

00273 00086 34876 68447 09685 55652 98637 08768 29132 04449  
15833 94655 24932 60957 88345 41242 64009 81294 61714 36294  
46023 23148 75242 59232 95089 14119 97275 00114 09231 20176  
61322 30296 82749 99059 04640 34015 71968 09606 30605 45038  
25005 51900 25645 86323 42973 48021 06935 29477 00950 02601  
12078 62226 92358 48381 79236 75866 59921 12822 04413 99608  
23288 67968 38994 00541 00563 82678 57205 86896 82803 99580  
43108 18277 82477 37048 03616 95258 41075 19974 54135 00903  
58783 62584 35870 98824 55713 00273 19829 12008 37042

**13994/13494/12194 kHz, 09-03, 1600/1620/1640 UTC**

09121 00001 00000 32263

**15861/14431/13431 kHz, 10-03, 1100/1120/1140 UTC**

07661 00001 00000 34665

**12139/13539/14639 kHz, 10-03/12-03, 1200/1220/1240 UTC**

00216 00098 64338 39542 79099 65701 22999 51421 76401 64449  
70682 35158 41029 19213 37753 16671 65247 17915 06921 33945  
82802 86153 82597 55383 47100 65660 28479 28738 13328 73976  
36813 72667 73602 17694 41652 93369 64615 98540 82923 98216  
52187 76716 60625 64607 21867 74721 61104 33782 66830 12299  
34473 02108 59516 77723 63329 86816 17640 98659 25190 97374  
97580 58319 13360 19229 58649 26099 01493 06218 65292 75065  
58406 66027 07261 08396 13141 20207 80487 67064 88661 49778  
40139 22427 75733 12783 45377 82677 91938 17593 83387 80736  
75692 03530 81156 23273 18303 83877 85345 32665 50306 07768  
12167

**16261/15961/14861 kHz, 11-03, 0910/0930/0950 UTC**

00246 00052 78766 40893 10205 33437 49110 64910 36650 92199  
59129 43290 25952 09279 07691 02550 48690 66210 55384 88593  
64849 87561 00736 96268 40454 20889 21647 67464 21380 74632  
11426 04141 32839 84294 51763 63597 50498 34917 85712 85765  
40308 91561 75110 41680 00605 45881 33326 90977 70229 00649  
07984 32629 45963 42384 42665

**15861/14431/13431 kHz, 11-03, 1100/1120/1140 UTC**

09374 00001 00000 34670

**13994/13494/12194 kHz, 11-03, 1600/1620/1640 UTC**

05730 00001 00000 34660

**12163/10863/9393 kHz, 13-03, 1600/1620/1640 UTC**

06126 00001 00000 34660

**13931/14831/16131 kHz, 15-03/22-03/24-03, 0800/0820/0840 UTC**

00257 00156 67091 03767 00054 29754 84945 74203 39188 40800  
46857 10962 15356 41313 54152 27421 76319 12600 35629 17181  
69014 46132 11203 67886 67443 88866 65932 32680 81278 65744  
36757 72480 25229 15068 48381 45990 14549 34428 70183 63097  
41730 25749 25070 23744 47691 53242 16693 89852 60923 08341  
87859 06381 90020 16704 52523 57291 32992 40370 76507 67927  
82646 18473 07502 09510 87360 27655 97121 98886 66758 81073  
24492 19077 19147 48790 15516 55580 36106 73442 05372 68246  
33176 63689 78317 18215 90462 86430 02453 65818 42490 72678  
81397 09803 17799 60798 43970 59394 25595 25257 65693 36329  
95465 60768 52556 39812 95634 48882 97778 67461 61710 42321  
88924 16660 91990 36217 68318 43785 37073 65285 07409 55411  
87189 91211 01516 48644 36201 94385 87034 79078 90249 00178  
55761 23028 02761 77369 33083 07225 95665 35972 12195 94809  
80853 63146 65644 61374 62811 02943 11271 04454 15056 38301  
01032 48387 52987 41597 14060 06032 76713 98904 62022

**18333/16345/14838 kHz, 15-03/17-03/22-03/24-03, 0910/0930/0950 UTC**

00523 00122 55672 13406 85300 89834 89521 77537 35265 44129  
37033 60829 00912 18577 69316 62090 98820 29598 94323 69138  
68849 64564 10039 97316 71860 79513 75094 77718 28548 49373  
40862 09361 36000 90420 33388 31874 84134 49808 29633 92735  
47584 51502 15051 18917 91789 78276 30101 60282 68325 52140  
55511 24375 43607 26906 14085 87618 00846 64110 58916 98800  
00479 18127 14408 61236 21617 61562 79543 65050 35479 63254  
45139 41382 01102 50616 55231 76888 70379 67097 79312 03604



40452 97585 07167 66278 79462 05451 27863 23107 54308 02362  
82693 17133 31375 79278 06539 63783 62037 68910 93824 70741  
82920 04034 45879 76613 02331 61481 18120 90724 35482 63613  
39525 68102 13689 56392 30001 93709 24685 10954 88493 07758  
42171 93676 07757 98280 02300

**12163/10863/9393 kHz, 15-03/20-03, 1600/1620/1640 UTC**

00139 00271 14444 34196 03429 55877 25710 71601 42572 53702  
25127 37054 09457 50873 03567 74479 54816 53250 70462 10024  
60350 45343 13114 99259 19187 73417 06192 86401 86475 12347  
24551 88614 81235 19399 89324 39751 18805 07922 37114 17351  
25789 01904 51972 29426 31467 24668 62305 79680 52267 43082  
23032 25961 36570 70794 70470 50885 58840 35041 72790 75389  
84977 66774 05431 53387 22805 60013 31100 74717 22278 93513  
20089 02711 05848 00539 00482 61475 73485 81334 45121 55076  
79542 16289 26109 81719 68095 79227 31458 82913 43574 40614  
18064 24975 88801 87931 27858 16255 68409 14162 40679 03565  
24112 59488 67794 57631 04908 12188 10858 04936 12122 23252  
85327 77191 76053 83621 86051 22646 41775 84183 99632 04926  
65705 04492 11192 47108 18488 35393 87112 59451 32741 95098  
09157 38598 05589 68236 50257 72582 98097 36397 60124 82119  
51117 98878 10167 54397 75697 80099 39736 95509 67569 29336  
65037 91672 23912 92041 97252 86171 11841 10923 73197 90511  
69962 61430 24140 93273 82103 27976 58519 34582 77408 69253  
25771 23803 26040 26102 71728 67180 42303 63357 97851 71658  
32344 99856 62402 67711 89880 17280 50165 21587 69163 90657  
82317 96998 46780 08862 57651 91657 46772 07698 31611 97110  
36830 65428 26896 37752 55534 86491 30297 14617 41805 67037  
38245 17112 40571 45442 90412 02359 68163 75526 27304 30277  
57764 27256 70534 24743 86446 43789 97694 54955 53759 86578  
43005 11656 58662 57987 48411 39586 98265 04445 95874 95441  
10005 20425 16422 76729 68280 52369 73252 53476 39640 87905  
27125 02152 69369 76338 74105 53262 64397 79246 90534 89335  
56824 02795 80215 88891 57806 21872 64505 62408 18945 78950  
08240 25009 02840 51146

**13384/13461/14984 kHz, 16-03/21-03, 1200/1220/1240 UTC**

00274 00090 49684 57249 41330 33022 06627 12877 48444 76663  
84735 00807 64719 04862 01377 64008 48617 07827 57215 92550  
58093 76337 35396 63677 32181 31577 68159 99231 51428 47978  
65843 96749 72556 33438 94691 68663 12895 04189 02066 53493  
87182 78845 97141 76448 13639 75644 82998 76507 68845 19424  
66600 00637 40524 55880 00321 25314 56115 06917 60414 18878  
33188 90382 40057 21726 55467 39827 50649 76048 33850 73749  
11047 38411 32205 02483 52261 60530 75170 35766 63562 55380  
70294 77252 58502 36249 66976 55568 83577 54955 29063 09111  
15444 85585 47572

**13994/13494/12194 kHz, 16-03/18-03, 1600/1620/1640 UTC**

05801 00199 39276 70044 42451 69460 34455 98516 99529 12673  
10686 03919 50882 21228 81808 19419 76717 78420 01953 87873  
51619 05275 83083 80900 86364 25417 32482 63019 52175 28395  
22016 22451 37242 96137 69157 11684 50334 16240 56185 27518  
91878 43247 35091 82892 87547 11467 23193 21014 36242 77178  
30139 06899 30467 27464 08944 40775 32347 08488 52446 66297  
34833 75574 56025 15332 80773 56668 20049 38884 55913 86433  
10531 20687 57537 09217 88015 34519 22286 60706 45381 23092  
57497 71774 76605 11735 49321 58963 11790 13512 44678 61641  
54956 92501 17243 29737 07204 24035 02072 46542 75770 06239  
90204 47032 89376 98854 75871 85631 72652 85540 06124 54367  
32352 67815 54387 29129 09882 72932 48734 58347 85484 42830  
21882 82622 23850 38674 38319 86184 78988 95772 51901 37249  
80131 90182 23169 02296 30997 83524 16206 84375 68379 34080

91796 47869 82471 96483 29037 56716 40639 38525 48364 56374  
69099 05204 89706 43986 83015 51633 54775 03227 01324 91259  
33461 66589 57334 98779 88149 29618 84505 89592 41467 23276  
49741 85783 83418 13212 95877 37160 04370 50393 92331 44573  
00944 01478 92812 49184 92715 77770 61370 09803 65478 14467  
87708 17534 06262 50261 87159 63420 31600 88224 59223 49094  
32755 36036

**15861/14431/13431 kHz, 17-03/18-03/24-03/25-03, 1100/1120/1140 UTC**

07862 00084 27680 80721 84956 89401 87705 11692 96264 17178  
84099 92548 69162 56344 29611 05627 40439 13437 84187 16289  
89641 06217 60605 28205 51841 47587 82615 75970 75740 81152  
42192 09287 91042 05759 28286 85213 08574 01071 66231 00886  
61713 66565 60410 12602 39670 82328 64224 82871 01020 51491  
82330 11962 23332 69721 80433 24334 83317 62404 91707 37601  
42009 26157 66431 70639 29272 64041 63698 59079 22319 55793  
44026 07936 85740 47738 55311 68843 10818 91233 69959 09579  
88461 75529 57419 45553 16077 28638 31420

**12139/13539/14639 kHz, 17-03/19-03, 1200/1220/1240 UTC**

09807 00012 82697 48945 47176 99550 21802 82636 60209 24980  
24230 44932 80164 96171 31446

**16261/15961/14861 kHz, 18-03/20-03, 0910/0930/0950 UTC**

00575 00185 29297 22589 62203 50702 62832 46808 92117 03989  
66050 14057 62926 80031 95103 92471 77837 70910 65263 10166  
55574 73795 59916 08609 29989 55820 73091 12597 46142 00086  
39863 12443 99030 98998 25105 95947 91991 66727 21527 06000  
61699 30735 38526 11524 35550 32084 80629 70422 82361 58366  
49209 85915 22239 87973 51346 87376 86533 73427 25482 57571  
47940 86923 85240 83140 07415 33307 91799 99516 67742 19449  
27488 67662 67315 89165 79423 14954 86869 41185 77091 21305  
44221 79011 20578 96673 71344 41884 22202 53733 03718 27494  
32480 15830 93321 65233 87489 16106 86428 46496 14637 24825  
23047 23129 05482 85471 93371 00284 03092 86060 03656 86507  
41567 34725 90632 05124 47234 47629 32502 81941 23639 01782  
91962 32703 06819 42784 34391 03777 93232 69890 77637 33699  
56220 95256 17294 58679 38886 03902 26789 69153 59160 59269  
02975 65833 60808 68221 42704 71275 70893 36519 34886 33991  
69665 10903 78757 75528 27669 49415 99851 36225 51925 01723  
82654 08222 12014 08982 21886 29707 62282 64602 89013 57458  
83994 25410 92549 20723 22961 68949 25505 55827 57075 53560  
75951 18310 65343 67508 01859 93337 56473 54063

**12163/10863/9393 kHz, 22-03, 1600/1620/1640 UTC**

01004 00001 00000 33251

**14639/13539/12139 kHz, 23-03/26-03/30-03, 1100/1120/1140 UTC**

06209 00191 45578 28299 56649 73583 73415 67883 72215 70960  
29821 34896 99368 84350 46929 23261 18337 99378 39925 63932  
87773 47495 68157 78203 13382 83753 86121 74383 94992 20828  
46448 23700 49743 80465 64081 65019 70805 47454 23645 12890  
83709 28878 24073 62495 25022 12375 63008 08724 79516 70541  
81742 91793 94782 46169 78252 59019 99901 40880 03817 68275  
10715 89576 87974 92001 96319 50039 36886 57573 91939 47092  
95982 76093 02351 47390 98994 32308 76657 68617 07893 61713  
45129 85984 10033 14705 28271 30194 47644 33282 41988 34116  
95213 61578 22190 53497 71312 05014 95184 37078 98499 65682  
29721 52466 70319 79687 81902 47022 58197 26889 42269 90227  
43341 69206 85065 91282 90936 25729 42663 04462 18543 10842  
84729 21212 93727 85316 62189 17899 67446 05552 77106 42298  
71100 31943 48041 87539 64053 20410 68709 61843 10538 94492  
90407 25196 05318 86403 08853 22742 36438 74414 10626 91434

50438 64670 03303 29401 05587 34559 78794 18640 79121 27903  
84500 13240 17771 23407 74654 38350 50989 49904 87486 74604  
79616 71781 25500 97683 13049 74672 06103 56525 52395 99349  
11479 30532 91330 87383 57508 00411 47214 26131 35824 03475  
64079 29407 87358 53771

**13384/13461/14984 kHz, 23-03/28-03/30-03, 1200/1220/1240 UTC**

00633 00028 99143 51953 26857 63632 88939 07983 72646 07760  
55994 65580 07781 07511 51403 19916 99916 69940 96672 99725  
97036 58275 79944 02608 41399 39435 70097 05337 00726 76281  
25155

**13994/13494/12194 kHz, 23-03, 1600/1620/1640 UTC**

07344 00001 00000 34663

**12139/13539/14639 kHz, 24-03/26-03, 1200/1220/1240 UTC**

00218 00036 67863 03600 56740 03079 99806 89243 29460 40355  
67771 24262 37757 48031 58126 71801 14566 55978 34922 86325  
21335 52124 58212 21053 17723 96593 23793 68055 40078 29890  
94248 29163 54127 20223 64015 63270 09999 07833 05141

**16261/15961/14861 kHz, 25-03, 0910/0930/0950 UTC**

09943 00001 00000 37265

**13994/13494/12194 kHz, 25-03, 1600/1620/1640 UTC**

08849 00001 00000 41664

**16261/15961/14861 kHz, 27-03, 0910/0930/0950 UTC**

02868 00001 00000 41260

**12163/10863/9393 kHz, 27-03, 1600/1620/1640 UTC**

02231 00001 00000 32655

**13931/14831/16131 kHz, 29-03/31-03, 0800/0820/0840 UTC**

06093 00144 46190 13845 35504 53748 10991 74562 78200 23235  
32410 88567 44097 16414 60576 94676 08314 60264 95160 11905  
65767 91771 81038 05896 37469 10830 31603 30863 66013 89900  
73487 29398 21696 77205 82478 41985 71445 99867 11550 03834  
15224 46172 59756 05319 14386 33619 48621 25638 71179 22789  
06599 96608 94156 38738 43179 75655 40321 05466 32157 61178  
15109 86024 75457 92802 03021 80057 11597 59443 54157 71118  
02815 95866 36346 80595 90713 87348 65607 54942 82286 35726  
06064 20726 47067 30311 44857 73779 91314 28344 35108 41103  
32383 73921 06532 74552 12730 01740 23633 63541 68281 61001  
10529 04943 09453 61422 15644 92950 21106 81315 80618 93536  
91559 02672 65940 77035 68127 96588 65853 81308 46423 42408  
51470 93406 69946 77624 61397 05963 05050 14088 67355 21747  
17289 28476 72664 70613 48476 37447 25250 49078 52164 10998  
69140 05414 56015 56416 40389 88416 73531

**18333/16345/14838 kHz, 29-03, 0910/0930/0950 UTC**

05581 00001 00000 33255

**12163/10863/9393 kHz, 29-03, 1600/1620/1640 UTC**

00486 00255 39789 20419 02760 58061 49550 75513 31513 67742  
90984 89333 33259 37127 74647 25652 01817 06931 09182 03618  
86562 85330 62214 88067 27494 09090 48114 90414 07507 76528  
98586 24286 52756 06701 70359 64101 50360 00751 61391 08482  
35772 28928 28461 96223 87748 15601 46656 90213 04760 39314  
63390 82769 69801 85417 37450 08992 34949 90405 40384 58004  
01680 80177 07422 98835 96848 39229 60629 61584 25683 67954  
09477 58787 95726 96203 03921 66571 94860 02028 19244 45121  
52868 93101 20702 86816 10248 95537 12146 93437 06712 39950

87470 14975 89344 93677 82035 85328 26199 74360 48274 73214  
31126 73145 14282 57047 10729 67932 63257 90916 63281 69695  
34274 81517 66664 26766 89069 43624 52515 87016 98511 68349  
60068 70922 11035 89167 51671 72141 11769 92774 87453 26807  
38207 47401 54091 78955 93623 08737 51266 44747 26763 53587  
74311 94362 83065 59700 45382 97510 70285 79446 81962 81600  
11248 43491 28128 48602 28358 26591 36937 30149 88748 80670  
26665 16105 69447 03683 12008 60027 70344 41620 58188 71764  
90918 25436 91187 85196 67353 06222 77612 71742 42292 67168  
98621 07393 32207 06072 87673 62820 01085 92484 77272 21201  
23319 25680 30249 42694 33833 89370 39302 89531 23690 92423  
33677 48481 23895 91618 07517 86165 37337 81002 21521 06472  
13259 20425 27145 67333 39396 52309 50956 29458 50239 36747  
77367 01858 36682 97015 42140 96709 90797 17342 19311 30654  
39146 31381 65455 23445 15990 23430 87561 32784 37639 82287  
87534 09712 46147 34288 20002 55045 33269 21254 62439 66291  
59897 55954 35600 85626 10927 34921 42523 74042

**13994/13494/12194 kHz, 30-03, 1600/1620/1640 UTC**

00134 00228 88709 76741 60612 38922 98267 21201 09771 54620  
51057 87107 83438 57961 16141 12699 65812 59482 29276 76033  
29690 67113 53621 76506 26172 47172 36030 37518 79657 49706  
38925 02427 47997 98200 32581 73952 07314 06350 83441 78918  
88568 73649 54606 56304 87307 28617 09151 60483 89951 62160  
70021 86638 71250 61001 73427 40842 22020 73050 86807 32211  
85658 67598 14378 61351 52005 25586 44739 16064 29592 13202  
11486 34334 51329 19394 12501 22389 19818 65860 02965 42581  
48353 49579 62377 59098 20576 43844 36178 76450 19065 35810  
35078 64871 31238 34477 74119 34341 92899 92135 05307 04328  
88139 18680 40091 82102 34535 92989 33181 16119 66192 85654  
42721 08713 74868 60242 34838 00758 88199 37067 47571 83275  
28302 29727 18073 83803 83024 26354 65456 64598 53266 57070  
08068 92361 99235 23683 61625 35442 88005 59592 63920 93402  
50500 37717 85176 45300 28838 89053 91038 49145 81480 76593  
55033 88216 22250 55993 53263 52428 85313 69992 07581 49598  
30687 83334 17397 93419 95569 29888 63227 35078 86348 35808  
91209 61686 76785 44033 58275 04712 81366 43336 39293 52919  
88192 84879 87206 33158 58970 30662 02198 15235 81228 55352  
30881 31276 22695 58267 47042 47593 33140 68294 34616 42885  
97551 85215 51282 11674 84165 70125 95050 24366 37332 01797  
11423 75148 58799 91311 72887 30329 36372 31741 76487 51984  
84890 30797 68329 26967 55250 80773 95520 17340 38205 60548  
27167

**18333/16345/14838 kHz, 31-03, 0910/0930/0950 UTC**

01390 00001 00000 32662

**15861/14431/13431 kHz, 31-03, 1100/1120/1140 UTC**

03792 00001 00000 35664

**12139/13539/14639 kHz, 31-03, 1200/1220/1240 UTC**

09773 00001 00000 36270

**XPB1**

18253 kHz, 01-03/06-03/08-03/13-03/15-03/22-03/27-03/29-03, 1100 UTC  
17453 kHz, 01-03/06-03/08-03/13-03/15-03/22-03/27-03/29-03, 1110 UTC  
15953 kHz, 01-03/06-03/08-03/13-03/15-03/22-03/27-03/29-03, 1120 UTC  
14953 kHz, 01-03/06-03/08-03/13-03/15-03/22-03/27-03/29-03, 1130 UTC  
14353 kHz, 01-03/06-03/08-03/13-03/15-03/22-03/27-03/29-03, 1140 UTC  
13553 kHz, 01-03/06-03/08-03/13-03/15-03/22-03/27-03/29-03, 1150 UTC

13562 kHz, 02-03/08-03/09-03/15-03/16-03/22-03/23-03/29-03/30-03, 0600 UTC  
14362 kHz, 02-03/08-03/09-03/15-03/16-03/22-03/23-03/29-03/30-03, 0610 UTC  
14862 kHz, 02-03/08-03/09-03/15-03/16-03/22-03/23-03/29-03/30-03, 0620 UTC  
15962 kHz, 02-03/08-03/09-03/15-03/16-03/22-03/23-03/29-03/30-03, 0630 UTC  
16262 kHz, 02-03/08-03/09-03/15-03/16-03/22-03/23-03/29-03/30-03, 0640 UTC  
17462 kHz, 02-03/08-03/09-03/15-03/16-03/22-03/23-03/29-03/30-03, 0650 UTC

9181 kHz, 02-03/07-03/09-03/14-03/21-03/23-03/29-03/30-03/28-03/30-03, 2000 UTC  
7881 kHz, 02-03/07-03/09-03/14-03/21-03/23-03/29-03/30-03/28-03/30-03, 2010 UTC  
6881 kHz, 02-03/07-03/09-03/14-03/21-03/23-03/29-03/30-03/28-03/30-03, 2020 UTC  
5881 kHz, 02-03/07-03/09-03/14-03/21-03/23-03/29-03/30-03/28-03/30-03, 2030 UTC  
5181 kHz, 02-03/07-03/09-03/14-03/21-03/23-03/29-03/30-03/28-03/30-03, 2040 UTC  
4581 kHz, 02-03/07-03/09-03/14-03/21-03/23-03/29-03/30-03/28-03/30-03, 2050 UTC

## CLANDESTINE / TARGETED RADIO & JAMMERS

### Russian-Ukrainian radio war

**7055 kHz, 19-03, 1723 UTC, LSB** Messages in English and Russian, foul language, waterfall texts of Putin with a nazi cross on his head, jamming, loop transmissions

**7055 kHz, 25-03, 1435 UTC, LSB** Excerpts from radio programs. Anti Russia propaganda

**7055 kHz, 26-02, 1720 UTC, LSB** Loop transmissions. Anti Russia propaganda

**7055 kHz, 20-03, 1200 UTC, LSB** Excerpts from radio programs. Messages in English and Russian

*"Attention. This frequency is used by the attacking terrorist states of the Russian Federation. This frequency is occupied by criminals and murderers led by Vladimir Putin. On this frequency nazi radio stations in Russia ignite the fire of the third world war in Europe. Thank you for your understanding."*

## UTILITY ROUND-UP

### Ukrainian ground forces voice traffic

**5419.3 kHz, 18-03, 1250 UTC**

<https://priyom.org/media/256637/skit06-5419tochko3usb-20210318-1250z-ukr-radiogram-bygwraspe.ogg>

Ya Skit-06

266 52 18 1450 266 / 690 /

11101 91849 53326 35372 16734 49672 21960 33746 82656 97904

45832 83564 66873 36064 34477 24568 04123 18071 15871 17345

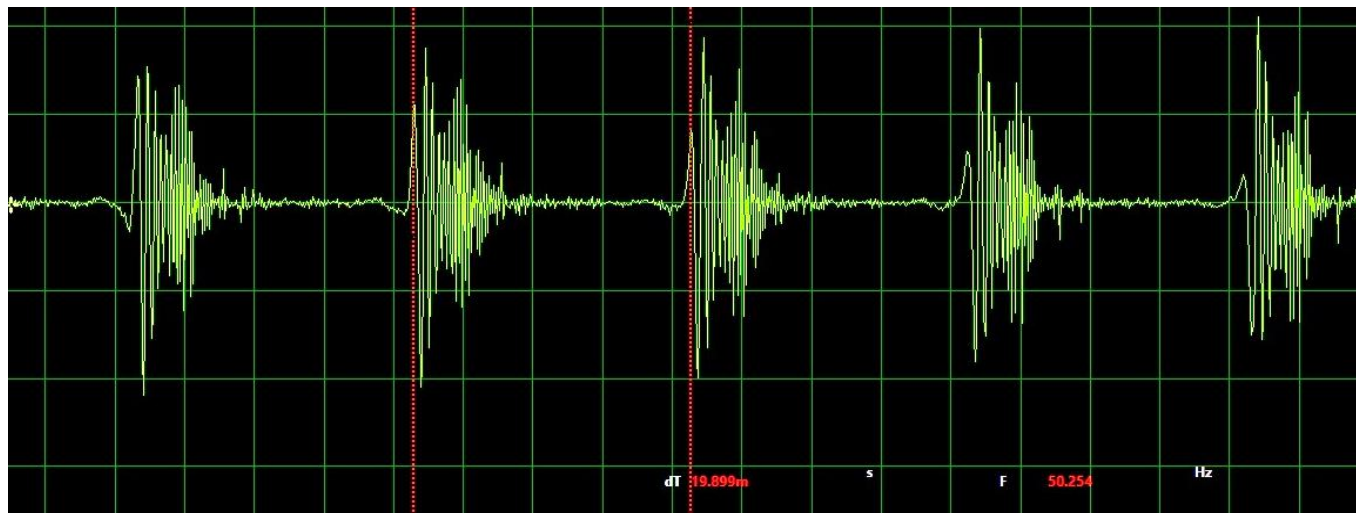
27523 33572 64619 64372 36223 76062 86325 51841 43572 71897

28568 33181 57745 14763 91981 95532 45221 04614 31479 69137

12473 61411 74607 11833 38497 17065 69723 76218 47341 16714

18050

**4670 kHz, 18-03, 1400 UTC** Zenit, Strela-18, Zenit-44



One of the many pesky radars on shortwave. This one has 50 sweeps per second

## Voltage beacon

Unid beacon sending data every twenty minutes for one minute in morse code. The station was first reported in November 2020. Its location and owner are still unknown. We assume that it sends voltage indications of its power supply (136V = 13.6 Volts).

### 7039.6 kHz, 28-03

1402 UTC: 136V	1422 UTC: 135V	1442 UTC: 136V	1502 UTC: 136V	1522 UTC: 135V	1542 UTC: 132V
1602 UTC: 131V	1622 UTC: 129V	1642 UTC: 127V	1702 UTC: 126V	1722 UTC: 126V	1742 UTC: 126V
1802 UTC: 126V	1822 UTC: 125V	1842 UTC: 125V	1902 UTC: 124V	1922 UTC: 124V	

### 7039.6 kHz, 29-03

0522 UTC: 121V	0542 UTC: 121V	0622 UTC: 122V	0722 UTC: 123V	0822 UTC: 125V	0842 UTC: 127V
0902 UTC: 128V	0922 UTC: 129V	0942 UTC: 131V	1002 UTC: 130V	1022 UTC: 129V	1042 UTC: 132V
1102 UTC: 133V	1122 UTC: 133V	1142 UTC: 134V	1202 UTC: 134V	1222 UTC: 134V	1242 UTC: 134V
1302 UTC: 134V	1322 UTC: 134V	1342 UTC: 134V	1402 UTC: 136V	1422 UTC: 137V	1442 UTC: 123V
1502 UTC: 122V	1622 UTC: 122V	1642 UTC: 120V	1702 UTC: 120V	1722 UTC: 120V	1742 UTC: 119V
1802 UTC: 119V					

### 7039.6 kHz, 30-03

0722 UTC: 118V	0742 UTC: 119V	0842 UTC: 122V	0902 UTC: 123V	0922 UTC: 124V	0942 UTC: 125V
1002 UTC: 126V	1022 UTC: 126V	1042 UTC: 127V	1102 UTC: 127V	1122 UTC: 127V	1142 UTC: 128V
1202 UTC: 128V	1222 UTC: 128V	1242 UTC: 128V	1302 UTC: 129V	1322 UTC: 129V	1342 UTC: 129V

## PROMRÖ

Unid Bulgarian station with a daily schedule on 4735 kHz at 0700 UTC (summertime) or 0800 UTC (wintertime).

The messages are hand-keyed. Depending on the operator it sends the date as = 0111 = or = 01 11 = and midnight as 2400 or 0000. Sometimes = ABV = but most of the time = ABV. ABV means "I repeat".

<b>4735 kHz, 04-03, 0800 UTC</b> VVVVV PROMRÖ = 04 03 = 1000 0600 0650 0810 1080 1200 0640 0690 0850 1270 1400 0560 0610 0780 1190 1600 0550 0590 0750 1140 1800 0450 0490 0610 0920 2000 0380 0400 0470 0680 2200 0340 0350 0410 0570 2400 0330 0350 0400 0550 0200 0330 0350 0400 0550 0400 0330 0350 0400 0550 0600 0290 0310 0370 0530 0800 0520 0570 0710 1080 = ABV VVVVV PROMRÖ = 04 03 = 1000 0600 0650 0810 1080 1200 0640 0690 0850 1270 1400 0560 0610 0780 1190 1600 0550 0590 0750 1140 1800 0450 0490 0610 0920 2000 0380 0400 0470 0680 2200 0340 0350 0410 0570 2400 0330 0350 0400 0550 0200 0330 0350 0400 0550 0400 0330 0350 0400 0550 0600 0290 0310 0370 0530 0800 0520 0570 0710 1080 = AR	<b>4735 kHz, 12-03, 0800 UTC</b> VVVVV PROMRÖ = = 1000 0560 0610 0760 1150 1200 0600 0650 0800 1210 1400 0570 0630 0780 1200 1600 0540 0580 0730 1110 1800 0480 0520 0650 0980 2000 0380 0400 0480 0690 2200 0320 0340 0390 0530 2400 0320 0330 0380 0520 0200 0310 0320 0380 0520 0400 0310 0320 0370 0520 0600 0280 0300 0360 0510 0800 0500 0450 0690 1050 = ABV = VVVVV PROMRÖ = 12 03 = 1000 0560 0610 0760 1150 1200 0600 0650 0800 1210 1400 0570 0630 0780 1200 1600 0540 0580 0730 1110 1800 0480 0520 0650 0980 2000 0380 0400 0480 0690 2200 0320 0340 0390 0530 2400 0320 0330 0380 0520 0200 0310 0320 0380 0520 0400 0310 0320 0370 0520 0600 0280 0300 0360 0510 0800 0500 0450 0690 1050 = AR	<b>4735 kHz, 14-03, 0800 UTC</b> VVV VVV PROMRÖ = 14 03 = 1000 0560 0610 0760 1150 1200 0610 0650 0810 1210 1400 0590 0640 0800 1210 1600 0540 0590 0740 1120 1800 0490 0530 0660 0990 2000 0380 0410 0480 0690 2200 0320 0340 0400 0560 0000 0320 0330 0380 0540 0200 0310 0320 0380 0520 0400 0310 0320 0370 0510 0600 0290 0310 0360 0520 0800 0510 0550 0690 1050 = ABV VVV VVV PROMRÖ = 14 03 = 1000 0560 0610 0760 1150 1200 0610 0650 0810 1210 1400 0590 0640 0800 1210 1600 0540 0590 0740 1120 1800 0490 0530 0660 0990 2000 0380 0410 0480 0690 2200 0320 0340 0400 0560 0000 0320 0330 0380 0540 0200 0310 0320 0380 0520 0400 0310 0320 0370 0510 0600 0290 0310 0360 0520 0800 0510 0550 0690 1050 = AR	<b>4735 kHz, 20-03, 0800 UTC</b> <b>Wrong date. Should be 20-03</b> VVVVV PROMRÖ = <b>21 03</b> = 1000 0550 0600 0740 1110 1200 0600 0650 0790 1190 1400 0610 0660 0810 1220 1600 0550 0590 0730 1110 2800 0520 0560 0700 1050 2000 0400 0430 0510 0730 2200 0320 0340 0380 0560 2400 0310 0330 0380 0530 0200 0320 0320 0370 0510 0400 0310 0320 0370 0510 0600 0290 0310 0370 0530 0800 0500 0550 0680 1030 = ABV VVVVV PROMRÖ = <b>21 03</b> = 1000 0550 0600 0740 1110 1200 0600 0650 0790 1190 1400 0610 0660 0810 1220 1600 0550 0590 0730 1110 2800 0520 0560 0700 1050 2000 0400 0430 0510 0730 2200 0320 0340 0380 0560 2400 0310 0330 0380 0530 0200 0320 0320 0370 0510 0400 0310 0320 0370 0510 0600 0290 0310 0370 0530 0800 0500 0550 0680 1030 = AR
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<b>4735 kHz, 21-03, 0800 UTC</b> VVVV PROMRÖ = 21 03 = 1000 0550 0600 0730 1100 1200 0600 0650 0790 1180 1400 0610 0660 0810 1220 1600 0550 0590 0740 1120 1800 0520 0570 0700 1060 2000 0410 0440 0510 0560 2200 0320 0340 0390 0560 2400 0310 0320 0380 0530 0200 0310 0320 0370 0510 0400 0310 0320 0370 0510 0600 0290 0310 0370 0530 0800 0500 0550 0680 1030 = ABV = VVVVV PROMRÖ = 21 03 = 1000 0550 0600 0730 1100 1200 0600 0650 0790 1180 1400 0610 0660 0810 1220 1600 0550 0590 0740 1120 1800 0520 0570 0700 1060 2000 0410 0440 0510 0560 2200 0320 0340 0390 0560 2400 0310 0320 0380 0530 0200 0310 0320 0370 0510 0400 0310 0320 0370 0510 0600 0290 0310 0370 0530 0800 0500 0550 0680 1030 = AR	<b>4735 kHz, 23-03/29-03/30-03, 0802 UTC</b> VVVVV PROMRÖ = 23 03 = 1000 0550 0590 0740 1110 1200 0610 0650 0800 1190 1400 0630 0670 0820 1230 1600 0550 0600 0740 1120 1800 0530 0580 0710 1070 2000 0420 0440 0520 0750 2200 0330 0350 0400 0570 2400 0310 0330 0380 0530 0200 0310 0320 0370 0510 0400 0310 0320 0370 0510 0600 0300 0320 0370 0530 0800 0500 0550 0680 1030 = ABV = VVVVV PROMRÖ = 23 03 = 1000 0550 0590 0740 1110 1200 0610 0650 0800 1190 1400 0630 0670 0820 1230 1600 0550 0600 0740 1120 1800 0530 0580 0710 1070 2000 0420 0440 0520 0750 2200 0330 0350 0400 0570 2400 0310 0330 0380 0530 0200 0310 0320 0370 0510 0400 0310 0320 0370 0510 0600 0300 0320 0370 0530 0800 0500 0550 0680 1030 = AR	<b>4735 kHz, 27-03, 0800 UTC</b> VVVVV PROMRÖ = 27 03 = 1000 0560 0600 0740 1120 1200 0620 0660 0810 1200 1400 0640 0680 0830 1240 1600 0560 0610 0750 1130 1800 0550 0590 0730 1090 2000 0440 0470 0550 0780 2200 0340 0360 0410 0580 2400 0320 0330 0390 0540 0200 0320 0330 0380 0520 0400 0330 0330 0380 0520 0600 0300 0320 0370 0540 0800 0510 0550 0690 1040 = ABV VVVVV PROMRÖ = 27 03 = 1000 0560 0600 0740 1120 1200 0620 0660 0810 1200 1400 0640 0680 0830 1240 1600 0560 0610 0750 1130 1800 0550 0590 0730 1090 2000 0440 0470 0550 0780 2200 0340 0360 0410 0580 2400 0320 0330 0390 0540 0200 0320 0330 0380 0520 0400 0330 0330 0380 0520 0600 0300 0320 0370 0540 0800 0510 0550 0690 1040 = AR	<b>4735 kHz, 29-03, 0700 UTC</b> VVV VVV PROMRÖ = 29 03 = 1000 0570 0610 0750 1130 1200 0630 0670 0810 1210 1400 0640 0690 0840 1250 1600 0570 0610 0760 1140 1800 0550 0590 0730 1090 2000 0450 0470 0560 0790 2200 0340 0360 0420 0580 0000 0320 0340 0390 0540 0200 0320 0330 0380 0530 0400 0320 0330 0380 0530 0600 0000 0320 0380 0540 0800 0510 0560 0690 1050 = ABV VVV VVV PROMRÖ = 29 03 = 1000 0570 0610 0750 1130 1200 0630 0670 0810 1210 1400 0640 0690 0840 1250 1600 0570 0610 0760 1140 1800 0550 0590 0730 1090 2000 0450 0470 0560 0790 2200 0340 0360 0420 0580 0000 0320 0340 0390 0540 0200 0320 0330 0380 0530 0400 0320 0330 0380 0530 0600 0000 0320 0380 0540 0800 0510 0560 0690 1050 = AR
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<b>4735 kHz, 31-03, 0700 UTC</b> VVVVV PROMRÖ = 31 03 = 1000 0570 0620 0760 1130 1200 0640 0680 0820 1220 1400 0650 0690 0850 1250 1600 0570 0620 0760 1150 1800 0560 0610 0740 1110 2000 0460 0480 0570 0800 2200 0350 0370 0420 0590 2400 0330 0340 0390 0540 0200 0320 0330 0380 0530 0400 0320 0330 0380 0530 0600 0300 0320 0380 0540 0800 0510 0560 0690 1050 = ABV =	VVVVV PROMRÖ = 31 03 = 1000 0570 0620 0760 1130 1200 0640 0680 0820 1220 1400 0650 0690 0850 1250 1600 0570 0620 0760 1150 1800 0560 0610 0740 1110 2000 0460 0480 0570 0800 2200 0350 0370 0420 0590 2400 0330 0340 0390 0540 0200 0320 0330 0380 0530 0400 0320 0330 0380 0530 0600 0300 0320 0380 0540 0800 0510 0560 0690 1050 = AR
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Unid

**5432 kHz,12-03, 1724 UTC, CW**

L9LF QLA QLQ K  
L9LR QLA QLQ K  
RPT AA 18 K  
L9LF R 200 K



## EMERGENCY ACTION MESSAGES & FOXTROT MESSAGES

Frequencies: 4724, 8992, 11175, 15016 kHz. One of the stations on 4724 kHz had a terrible distorted sound during the last days of March.

Date	UTC	Callsign	Details
01-03	0542	Flint Gun	30 chr EAM SP2RAS BUTQ2SUVBLQCUACVWNAWOSL6
01-03	0546	Flint Gun	30 chr EAM SPB2RW OSGONGJG6CMASSWGEXVZ7YUP
01-03	0549	Flint Gun	30 chr EAM SPB2RW OSGONGJG6CMASSWGEXVZ7YUP
01-03	0558	Flint Gun	30 chr EAM SPIJJE 7CKK6Z4N0EUZNX55BBJ7LHVO
01-03	0603	Flint Gun	30 chr EAM SPB2RW OSGONGJG6CMASSWGEXVZ7YUP
01-03	0606	Flint Gun	30 chr EAM SP2RAS BUTQ2SUVBLQCUACVWNAWOSL6
01-03	0633	Flint Gun	30 chr EAM SPIJJE 7CKK6Z4N0EUZNX55BBJ7LHVO
01-03	0636	Flint Gun	30 chr EAM SPB2RW OSGONGJG6CMASSWGEXVZ7YUP
01-03	0640	Flint Gun	30 chr EAM SPYH3D X5JRDYAYX6YWUSBFTRIGPJX4
01-03	0644	Flint Gun	30 chr EAM SPLYJB YVIJSXAQJFKJ5N47CO3FRBW
01-03	0646	Flint Gun	30 chr EAM SPIJJE 7CKK6Z4N0EUZNX55BBJ7LHVO
01-03	0652	Flint Gun	30 chr EAM SP2RAS BUTQ2SUVBLQCUACVWNAWOSL6
01-03	1507	Flint Gun	30 chr EAM SP6KXQ EBHLNUKV6GHACWNV2ZCUK6OI
01-03	1509	Flint Gun	30 chr EAM SPYIX2 JEH3CFNWIIDDC2YGOUQHK3W
01-03	1530	Flint Gun	30 chr EAM SPYIX2 JEH3CFNWIIDDC2YGOUQHK3W
01-03	1532	Flint Gun	30 chr EAM SP6KXQ EBHLNUKV6GHACWNV2ZCUK6OI
01-03	1600	Flint Gun	30 chr EAM SPYIX2 JEH3CFNWIIDDC2YGOUQHK3W
01-03	1602	Flint Gun	30 chr EAM SP6KXQ EBHLNUKV6GHACWNV2ZCUK6OI
01-03	1608	Flint Gun	30 chr EAM SPBM3S NEWG6R62POV7NH5ZQY524NUF
01-03	1623	Flint Gun	30 chr EAM SPJXWF VT3J2Z7CSSWM6R233UOLE4FP
01-03	1642	Flint Gun	30 chr EAM SPEUTQ IIFYVG4BYJV2ZL3ZFNU30HX7
01-03	1645	Flint Gun	30 chr EAM SP6LL6 WT6IINHKKQFUM457MCMOTIN2
01-03	1648	Flint Gun	30 chr EAM SP34JC ULE22TPULCPUROKCAADU6OR2
01-03	1937	Flint Gun	30 chr EAM SPO5KA A2DXYIJBV4DGFVH3IEBPG6ZK
01-03	2113	Flint Gun	30 chr EAM SPUJIE CCCOIPQQY53CA6Y7GA24IZXK
02-03	1600	Delegate	36 chr EAM CIHMUW Y7ILE3AOZPOD532KXRVK3MQWRLTR43
02-03	1613	Delegate	30 chr EAM CI5HSJ MHA3ZDBMTQ6HH6JDQ6LLAWAP
02-03	1629	Delegate	30 chr EAM SPRFSC F3WJVK330L73FZEUK30P2C6U
02-03	1632	Delegate	30 chr EAM SPRBLY UEMGPIB4I3C60PBQKWWRIGCX
02-03	1644	Delegate	30 chr EAM CIS6VI TX5ZJHW2RALLV70FVXG75AT6
02-03	1653	Delegate	30 chr EAM SP6BJQ WJQGSKI6D56Z35VNRN3HZMT
02-03	1700	Delegate	30 chr EAM SP6BJQ WJQGSKI6D56Z35VNRN3HZMT
02-03	2048	Delegate	30 chr EAM SPOLM2 UNHKWT34RL3GFXG02LU3DG2U
02-03	2100	Delegate	30 chr EAM SPOLM2 UNHKWT34RL3GFXG02LU3DG2U
02-03	2103	Delegate	30 chr EAM SPG6G0 AIX27HYKZ2KBQSOYMGW643BV
02-03	2119	Delegate	30 chr EAM SPBVGX PNF7KDHGQSWQUH63D2RFYP2M
02-03	2121	Delegate	30 chr EAM SP5J3F PIAYSDORS6I5D224V4KTHGJX
02-03	2123	Delegate	30 chr EAM SPQDXP BKWJ67RZ4G4ADHWLY2CZ6EVG
02-03	2130	Delegate	30 chr EAM SPGQXR CLREQIAH6XXQR3WDGXFNYEKP
03-03	1726	Tally-Ho	30 chr EAM SP7QHU 66IBA4ZX5763LG56GDLTQKI2
03-03	1730	Tally-Ho	30 chr EAM SPB4SE H3JXVAPQVPMQJV3MPKVCJTLU
03-03	1800	Tally-Ho	30 chr EAM SPB4SE H3JXVAPQVPMQJV3MPKVCJTLU
03-03	1803	Tally-Ho	30 chr EAM SP7QHU 66IBA4ZX5763LG56GDLTQKI2
03-03	1831	Tally-Ho	30 chr EAM SPKPQQ KPOCRYKCQI6EZA7BWFHIOVRK
03-03	1836	Tally-Ho	30 chr EAM SPB4SE H3JXVAPQVPMQJV3MPKVCJTLU
03-03	1839	Tally-Ho	30 chr EAM SP7QHU 66IBA4ZX5763LG56GDLTQKI2
03-03	1847	Tally-Ho	30 chr EAM for Linda-13 CILG6L SRMEGAKQJ4DSNYX3IN5Z4FAY
03-03	1916	Tally-Ho	30 chr EAM SPMCZF WVXHTP5ZYLJZCQ4SOZTOHJIB
04-03	0813	Vexation	30 chr EAM N2HQWP BVRFYPIWTNLJE3HRVV3E7KFJ
04-03	1645	Vexation	54 chr EAM DBD7GP B76KNDMN6HQWGKJCV4GJCVVXAQTA3FWTNLFWAQT73VYQC4TT
04-03	1700	Vexation	30 chr EAM DBHQSV LNZZFMLJLM54UOHMSR4RGTGO
04-03	1721	Vexation	66 chr EAM DB5CAG X47LP6PMJA4SQN6CEKF6CESI2276QKTAIE44227MQFAAMG54227PQCDAMXDE
04-03	1816	Vexation	37 chr EAM DBS74Y JJMA6LAQGDPMCEVDXL2AEPJZUS4H4CT
04-03	2032	Vexation	30 chr EAM N2VEQJ AAHKHU6U47TZRR0AZWFKJW73
04-03	2132	Vexation	30 chr EAM N232VZ XLBJMLUEQDWUZISBZLBZMSDQ
05-03	0158	Silicate	36 chr EAM DBXR4V HLJ5QJZUH4ERDGTAK7W5IXNA2TSAM
05-03	0202	Silicate	36 chr EAM DBXR4V HLJ5QJZUH4ERDGTAK7W5IXNA2TSAM
05-03	0227	Silicate	37 chr EAM DBWAWG CRHMQQWVBRWU2UWVQBA2L7LLGQUHNN
05-03	0655	Silicate	30 chr EAM N2CMLB LZCW73WEYCMYAMVB4NRAMHP4
05-03	1532	Silicate	30 chr EAM N27Q3N 7XWFBVLJ3AMX2KORDHVYD6PR
05-03	1535	Silicate	30 chr EAM N2HVV7 OAMWCBJQMCCOM5LXCWPTROCN
05-03	1559	Silicate	30 chr EAM N2HVV7 OAMWCBJQMCCOM5LXCWPTROCN



05-03	1601	Silicate	30	chr	EAM	N27Q3N	7XWFBVLVJ3AMX2KORDHVVYD6PR
05-03	1659	Silicate	30	chr	EAM	N2HVV7	0AMWCBJQMCCOM5LXCWPTROCN
05-03	1701	Silicate	30	chr	EAM	N27Q3N	7XWFBVLVJ3AMX2KORDHVVYD6PR
05-03	1729	Silicate	30	chr	EAM	N2HVV7	0AMWCBJQMCCOM5LXCWPTROCN
05-03	1732	Silicate	30	chr	EAM	N27Q3N	7XWFBVLVJ3AMX2KORDHVVYD6PR
05-03	1803	Silicate	30	chr	EAM	N2HVV7	0AMWCBJQMCCOM5LXCWPTROCN
05-03	1806	Silicate	30	chr	EAM	N27Q3N	7XWFBVLVJ3AMX2KORDHVVYD6PR
05-03	1817	Silicate	37	chr	EAM	DBDNVA	TG3SXYHHX63ULUECKGNBTHQFMOYMMTU
05-03	1830	Silicate	30	chr	EAM	N2HVV7	0AMWCBJQMCCOM5LXCWPTROCN
05-03	1832	Silicate	30	chr	EAM	N2CP74	WIZGMRHMQWRGYWIZM4S643XC
05-03	1834	Silicate	30	chr	EAM	N2UK0K	UQ5PAWNXBHANLASIUPY2SQ4E
05-03	1837	Silicate	30	chr	EAM	N27IG3	QZNZFJU2R7JWCNWOP3JVAQQT
05-03	1840	Silicate	30	chr	EAM	N2WF3I	THLK4LWOKJ4ALLP73ZEZIGDT
05-03	1842	Silicate	30	chr	EAM	N27Q3N	7XWFBVLVJ3AMX2KORDHVVYD6PR
05-03	1855	Silicate	30	chr	EAM	N2PW2Z	LS6N2SK5ZMUV5VWS3ZTQY0CH
05-03	2033	Silicate	30	chr	EAM	N2XOVA	YGDCI44KEAGR3WHTUMANVT6E
05-03	2143	Silicate	30	chr	EAM	DB7EQ7	KVG3H4HE5B2JTITKUPLL2XWH
05-03	2154	Silicate	30	chr	EAM	DB7EQ7	KVG3H4HE5B2JTITKUPLL2XWH
05-03	2203	Silicate	30	chr	EAM	DBJIIG	HRUOE2WA6WNWKSZPBJGKOPFM
05-03	2206	Silicate	30	chr	EAM	DBJIIG	HRUOE2WA6WNWKSZPBJGKOPFM
05-03	2252	Silicate	30	chr	EAM	N24JRT	OQILGKNEMTUPDQ4BGLEPXLKW
05-03	2300	Silicate	30	chr	EAM	N24JRT	OQILGKNEMTUPDQ4BGLEPXLKW
05-03	2314	Silicate	30	chr	EAM	N2WBKW	Y5AIXLALLIL4YPMXYDKOGLW2
05-03	2320	Silicate	30	chr	EAM	N2WBKW	Y5AIXLALLIL4YPMXYDKOGLW2
05-03	2329	Silicate	30	chr	EAM	N2WBKW	Y5AIXLALLIL4YPMXYDKOGLW2
05-03	2332	Silicate	30	chr	EAM	N24JRT	OQILGKNEMTUPDQ4BGLEPXLKW
05-03	2348	Silicate	30	chr	EAM	N2MRQ0	AEP6HFT6XNFXLYM3GCWNQC6V
06-03	0043	Overlord	30	chr	EAM	N2XEYF	CS4DC7BZ3IATSFUZF7FJHNR
06-03	0211	Overlord	30	chr	EAM	DBLYCC	IJ2QY26APTDXM37CMOD74YUV
06-03	0222	Overlord	30	chr	EAM	N2ULZW	SOT072GLGWUSVYYUME0FR26Q
06-03	0243	Overlord	30	chr	EAM	N2SFC3	OWNJENIPDTHZABKLB5VXJSEP
06-03	0431	Overlord	30	chr	EAM	N2QVCH	DQKJ04UWSSYI656XPP24BIVY
06-03	0449	Overlord	30	chr	EAM	N2CHYS	2UB5F4EQJA0I4A47JKD567LP
06-03	0452	Overlord	30	chr	EAM	N23GKN	KJU3WHNP772G40X7HOLAQ4WX
06-03	0500	Overlord	30	chr	EAM	N23GKN	KJU3WHNP772G40X7HOLAQ4WX
06-03	0503	Overlord	30	chr	EAM	N2CHYS	2UB5F4EQJA0I4A47JKD567LP
06-03	0506	Overlord	30	chr	EAM	N20S2P	JHYMKVZRE42AEXJNJBUIZ6R4
06-03	0522	Overlord	30	chr	EAM	N27C5Y	46GZRIZQ7NLRKZUCVVE3VQ0J
06-03	0530	Overlord	30	chr	EAM	N27C5Y	46GZRIZQ7NLRKZUCVVE3VQ0J
06-03	0533	Overlord	30	chr	EAM	N23GKN	KJU3WHNP772G40X7HOLAQ4WX
06-03	0535	Overlord	30	chr	EAM	N2CHYS	2UB5F4EQJA0I4A47JKD567LP
06-03	0539	Overlord	30	chr	EAM	N2U57N	66H2Z0FC4RG30ESAP40RASCB
06-03	1133	Overlord	37	chr	EAM	DBQU47	GLSI6QU70RPIY0FIZHGYI42SX6AII52
06-03	1307	Overlord	30	chr	EAM	for Region Alpha, for Region Bravo DB3AFQ CTGHEOLNN3LPBLOQ3W72MZ7M	
06-03	1324	Overlord	30	chr	EAM	for Region Alpha, for Region Bravo DB4FPK 2DKG2XAHSMQ7XA2WNL5MCD2P	
06-03	1532	Overlord	30	chr	EAM	N2EKLY	KWSHND2LZ2LWBGBYDYGHYFLW
06-03	1546	Overlord	30	chr	EAM	for Amazing DB4RRW AI7CI7TNH4760XMU6NJZXC5B	
06-03	1556	Overlord	30	chr	EAM	for Amazing DBTNGJ A7QIFU5SI2HKNYOD57GT73FC	
06-03	1608	Overlord	30	chr	EAM	DBPLQE	EJAUEFA7UPT023TT43007J5M
06-03	1618	Overlord	30	chr	EAM	N247H3	4VFFQJFLPI7F7TDQ4UUVHIXA
06-03	1621	Overlord	30	chr	EAM	DB7RUS	RNNT2AWTESHBTE6HKDW0IY
06-03	1625	Overlord	30	chr	EAM	N2DI7K	YGKJ3ONREMZENNVXVYAJMPC2E
06-03	1629	Overlord	30	chr	EAM	N2DI7K	YGKJ3ONREMZENNVXVYAJMPC2E
06-03	1633	Overlord	30	chr	EAM	N247H3	4VFFQJFLPI7F7TDQ4UUVHIXA
06-03	1636	Overlord	30	chr	EAM	N2UZXT	GOCA7PBFTE2LVAQEWDOW6Z4D
06-03	1639	Overlord	30	chr	EAM	DB7HZS	70BXYRPT2SFE4MQJPGMCWWK
06-03	1859	Overlord	30	chr	EAM	DBL7Z2	AVMZYIDI2XYVA7FDPUKLWWQ0
06-03	1917	Overlord	30	chr	EAM	DBCER2	2DAH6XYS73HD4HB5F4WBR3MP
06-03	2133	Overlord	30	chr	EAM	N2YP7N	VT65XXKZD745TNHVGBKQTC4J
06-03	2152	Overlord	30	chr	EAM	DBPBPk	66UPVFSI6GNAUKCPZXKNK74V
06-03	2208	Overlord	30	chr	EAM	DBULS2	5SBELAN7TQ0ZJ7SUBWKDIJ2Q
06-03	2326	Overlord	30	chr	EAM	for Region Charlie DBP3YI PFX2SCXBJA2ZKTLXRYJPQYA3	
06-03	2334	Overlord	30	chr	EAM	for Region Charlie DBP3YI PFX2SCXBJA2ZKTLXRYJPQYA3	
06-03	2348	Overlord	30	chr	EAM	for Region Charlie DBDFT7 PIF5B5UDPNZ3VHEAW63XFVBZ	
07-03	0533	Curly Top	30	chr	EAM	N2SDUK	7X3S7P73ST2HIJQEYWYVLPDX
07-03	0536	Curly Top	30	chr	EAM	N2BYCO	DKNOX5J7XVXC4AFTRNKIWXB
07-03	0548	Curly Top	30	chr	EAM	N24UTO	7SUUG3ALVBMAZNOYV2XMYW4P
07-03	0559	Curly Top	30	chr	EAM	N2BONA	7MMSDDQEUE2W67Y07IPSAF7K
07-03	0602	Curly Top	30	chr	EAM	N2R6AN	KQJQIUKG3GZNCARE7EQY5W2S
07-03	0605	Curly Top	30	chr	EAM	N2R6AN	KQJQIUKG3GZNCARE7EQY5W2S

07-03	0607	Curly Top	30 chr EAM N2BONA 7MMSDDQEU2W67Y07IPSAF7K
07-03	0610	Curly Top	30 chr EAM N24UT0 7SUUG3ALVBMAZNOYV2XMYW4P
07-03	0612	Curly Top	30 chr EAM N2BYCO DKN0X5J7XVXC4AFTRNKIWZXB
07-03	0614	Curly Top	30 chr EAM N2SDUK 7X3S7P73ST2HIJQEYWVLPDX
07-03	1418	Curly Top	30 chr EAM for Region Alpha, for Region Bravo DBD4R4 NT6V5IHDZJ2X6DJ6YBLKNUMC
07-03	1436	Curly Top	30 chr EAM for Region Alpha, for Region Bravo DBYCQV D2QNNJ5ZMPHDFYUQS2ESVEHT
07-03	1543	Curly Top	30 chr EAM N22XR2 V04LKJ5UKWEMEQAIPQUH3VRN
07-03	1546	Curly Top	30 chr EAM N23CP0 TC7KLRLGQ2AB5JHGNZUSCGIJ
07-03	1600	Curly Top	30 chr EAM N2TKAL 6IJPQGQVOLPRL6QVFLZS6KF3
07-03	1603	Curly Top	30 chr EAM N23CP0 TC7KLRLGQ2AB5JHGNZUSCGIJ
07-03	1607	Curly Top	30 chr EAM N22XR2 V04LKJ5UKWEMEQAIPQUH3VRN
07-03	1626	Curly Top	30 chr EAM for Curse? DBOWQJ HTT6T55K6P5YKG6334BPFP4F
07-03	1708	Curly Top	30 chr EAM DBXGYF RSEIH3ZM4A0QTFMB3S5IM
07-03	1722	Curly Top	30 chr EAM DB6SCR U56XDDANFZDXH3BUOYRMP4DJ
07-03	1732	Curly Top	30 chr EAM N2RT4I KPRWSAV532YAN4600JB7E2WU
07-03	1914	Curly Top	30 chr EAM for Region Charlie DB2XS3 PWDF2A6HZVCH3HG7JY244JNN
07-03	1927	Curly Top	30 chr EAM for region Charlie DBJWE6 VL6RX3RXVEZGGBILN6NQH5CX
07-03	1933	Curly Top	30 chr EAM N2746D CY376RX6CB7IE5UMDRI7JTWU
07-03	2133	Curly Top	30 chr EAM N2M5FY CT4EBROYNNLPRLPKZ6MQBHAF
07-03	2156	Curly Top	30 chr EAM N2KGMZ 67ADVARDJWXP7PN6ZRD LKX7F
07-03	2159	Curly Top	30 chr EAM N2KGMZ 67ADVARDJWXP7PN6ZRD LKX7F
07-03	2230	Curly Top	30 chr EAM N2V5NS VBGSN6ESF3LXODHLNBONYZ7A
07-03	2234	Curly Top	30 chr EAM N2TUCO GPMPGI5I4TZNECMJJEAHUFEK
07-03	2236	Curly Top	30 chr EAM N2TUCO GPMPGI5I4TZNECMJJEAHUFEK
07-03	2238	Curly Top	30 chr EAM N2V5NS VBGSN6ESF3LXODHLNBONYZ7A
07-03	2241	Curly Top	30 chr EAM N2KGMZ 67ADVARDJWXP7PN6ZRD LKX7F
07-03	2244	Curly Top	30 chr EAM N2V5NS VBGSN6ESF3LXODHLNBONYZ7A
07-03	2246	Curly Top	30 chr EAM N2TUCO GPMPGI5I4TZNECMJJEAHUFEK
07-03	2248	Curly Top	30 chr EAM N2TUCO GPMPGI5I4TZNECMJJEAHUFEK
07-03	2250	Curly Top	30 chr EAM N2V5NS VBGSN6ESF3LXODHLNBONYZ7A
07-03	2254	Curly Top	30 chr EAM N2YSBB WDEI7PTHWILTQCMX4P2VWINY
07-03	2259	Curly Top	30 chr EAM N2YSBB WDEI7PTHWILTQCMX4P2VWINY
07-03	2302	Curly Top	30 chr EAM N2PDJO RBLGXFBX276AKDUPBDZMLYPD
07-03	2305	Curly Top	30 chr EAM N2TUCO GPMPGI5I4TZNECMJJEAHUFEK
07-03	2307	Curly Top	30 chr EAM N2V5NS VBGSN6ESF3LXODHLNBONYZ7A
08-03	0208	Protocol	164 chr EAM NBPLSV VYQWXC3TRBPAIEAKE4JEL3SX2LUITT2J4XXXXXYBPJQNTNDTS077PWZHKKKKKXU2DL CBBLLFA77 DL74GGGGRKQJ7HVY77ZDKKQCB6YYYYKXELORIR227X2SXE2RPPPP70JFZEBUJUAS2VSQYQAAAA2 RWAVYI3J
08-03	0224	Protocol	164 chr EAM NBBJJF GGHCYU45AN4NPDNMDLRWJQB5BE4D4I7IA2222AJEKQSWGYE3A3QVYAUUUUY4RIYR222EGKMK RRKK4444NURUGCZCZGPNONHNNNTTTGX24HGLDLVQT7T6LHTXXXXA60ZM3W3MAZ404UETUVVVVB CA363FOC
08-03	0234	Protocol	164 chr EAM NBPLSV VYQWXC3TRBPAIEAKE4JEL3SX2LUITT2J4XXXXXYBPJQNTNDTS077PWZHKKKKKXU2DL CBBLLFA77 DL74GGGGRKQJ7HVY77ZDKKQCB6YYYYKXELORIR227X2SXE2RPPPP70JFZEBUJUAS2VSQYQAAAA2 RWAVYI3J
08-03	1553	Test Tube	30 chr EAM N2ZT04 FPT6GF4ATIIRY5DDBX6HSFCP
08-03	1601	Test Tube	30 chr EAM N2ZT04 FPT6GF4ATIIRY5DDBX6HSFCP
08-03	1609	Test Tube	30 chr EAM N2ZT04 FPT6GF4ATIIRY5DDBX6HSFCP
08-03	1712	Test Tube	30 chr EAM N2I7G0 JSHFZGTIDT6ZMK7FRB5SDURL
08-03	1715	Test Tube	30 chr EAM N2VHW2 X3ES7TKJ36VW37NJPZCZTUV4
08-03	1718	Test Tube	30 chr EAM for Shrine-43 DBIOCE FWXGI3ELQ2JSAIY0Z3S0M05
08-03	1729	Test Tube	30 chr EAM N2VHW2 X3ES7TKJ36VW37NJPZCZTUV4
08-03	1732	Test Tube	30 chr EAM N2I7G0 JSHFZGTIDT6ZMK7FRB5SDURL
08-03	1734	Test Tube	30 chr EAM N2ZT04 FPT6GF4ATIIRY5DDBX6HSFCP
08-03	1746	Test Tube	30 chr EAM N2T2XV VFEWIVANU2WLCKUPZM53W2GN
08-03	1759	Test Tube	30 chr EAM N2VHW2 X3ES7TKJ36VW37NJPZCZTUV4
08-03	1802	Test Tube	30 chr EAM N2I7G0 JSHFZGTIDT6ZMK7FRB5SDURL
08-03	1805	Test Tube	30 chr EAM N2ZT04 FPT6GF4ATIIRY5DDBX6HSFCP
08-03	1817	Test Tube	30 chr EAM N2ZRFL 02YXKL YVDA4NWSZOE0TLHC7G
08-03	1825	Test Tube	30 chr EAM N23K5D CKIQA77XBLQTWEGQFLEMCAJZ
08-03	1829	Test Tube	30 chr EAM N26LC7 4W2QDUNP3UJJ4LZ5XF6LNRA
08-03	1833	Test Tube	30 chr EAM N2VHW2 X3ES7TKJ36VW37NJPZCZTUV4
08-03	1835	Test Tube	30 chr EAM N2ZSON G7JDIVJ73QVUNLFLAB6EIYR5
08-03	1838	Test Tube	30 chr EAM N26LC7 4W2QDUNP3UJJ4LZ5XF6LNRA
08-03	1840	Test Tube	30 chr EAM N23K5D CKIQA77XBLQTWEGQFLEMCAJZ
08-03	1842	Test Tube	30 chr EAM N2ZRFL 02YXKL YVDA4NWSZOE0TLHC7G
08-03	2132	Test Tube	30 chr EAM N2ONBK OHGXBUKCE4FB7KDB3AIEQ6Y
09-03	0034	Overlord	30 chr EAM N2J3DV 442Q47JKWYXBWFKVUZUMQCAV

09-03	0611	Overlord	30 chr	EAM	N2RVVV	FCSYISOR2MAK7FLHIZ7MLVB0	
09-03	0622	Overlord	30 chr	EAM	N2ZA64	4R7ZVJ6T44F3GRKDX2EFG6M4	
09-03	0630	Overlord	30 chr	EAM	N2RVVV	FCSYISOR2MAK7FLHIZ7MLVB0	
09-03	0632	Overlord	30 chr	EAM	N2ZA64	4R7ZVJ6T44F3GRKDX2EFG6M4	
09-03	0639	Overlord	30 chr	EAM	N2U4ZD	DKDTK6NLMV7EUHBUBX3VR5XE	
09-03	1832	Overlord	30 chr	EAM	N2KCQX	6F6UJG2QPZ2PV2Y45F5ZOC36	
10-03	0542	Fairness	30 chr	EAM	N2RWGJ	WHF3HJJNPGYNMSAHG2GNDVQ	
10-03	1616	Fairness	30 chr	EAM	for Core	DBEB3A I54TIU5HDHR6AINJTIFB2BGV	
10-03	1626	Fairness	30 chr	EAM	for Core	DBGMWK GN3626CUZ6RB2FFGV5STNFNC	
10-03	1636	Fairness	30 chr	EAM	for Katydid	DBSXF6 PBUJ54NFA7PT6FP6NHCIXXAQ	
10-03	1657	Fairness	30 chr	EAM	for Katydid	DBL4EN 60J2K4V2HT4JQ7U5TUCZ7QYH	
10-03	1712	Fairness	30 chr	EAM	for Katydid, for Interim	DBD30A A244PQWLYKH7HAYM65NEZZ65	
10-03	1718	Fairness	30 chr	EAM	for Katydid, for Interim	DBD30A A244PQWLYKH7HAYM65NEZZ65	
10-03	1722	Fairness	30 chr	EAM	for Interim, for Katydid	DB6476 BGM36W6UYYPXVJPF6EXTLQ7N5	
10-03	1757	Fairness	30 chr	EAM	for Katydid	DBC7RD N4X072AIWQSCUWRP5GZEXTP2	
10-03	1813	Fairness	30 chr	EAM	for Katydid	DBWMHZ 00J30ECZLZKZ4UQ7R6KAFX7V	
10-03	1933	Fairness	30 chr	EAM	N2S5JP	HBH40KMF5BVNEY5ECTKIHNZB	
10-03	2033	Fairness	30 chr	EAM	for Core	DBRMK3 Y37JQKCYHEZF4N6E4DVUKSKF	
10-03	2118	Fairness	30 chr	EAM	N203X3	LE6L7HYS36RG55KMSPFGLP6R	
10-03	2133	Fairness	30 chr	EAM	for Interim	DBC54T 6QTJAABK7235A2U4AXPT52KS	
10-03	2159	Fairness	30 chr	EAM	for Interim	DBQVJ6 UMTBA2Q37YUAAQT4RRCHHQJI	
11-03	1134	Tone Deaf	30 chr	EAM	for Genius	DB4JCH 3DWXWF73KNI5LV0XUWR2VNZ7	
11-03	1143	Tone Deaf	30 chr	EAM	for Genius	DBRYNW HTHYJPEIEDJ2MZMDBKM2TYXF	
11-03	1333	Tone Deaf	30 chr	EAM	for Genius	DBHWE5 6EC4F52IIE3EG6LLA7AIRXZ6	
11-03	1342	Tone Deaf	30 chr	EAM	for Genius	DBEELR PSFJJM6JMLMA4S6GLRNRGME	
11-03	1520	Tone Deaf	26 chr	EAM	NBVKDD	HKEUBIY2DBYG3HFFHPC	
11-03	1534	Tone Deaf	30 chr	EAM	N2H3UA	OH3IOTZCWTJPYT3QDVYM7BHC	
11-03	1542	Tone Deaf	30 chr	EAM	N25H3L	DPUMP7GZQUEBWKWIWER2HQ	
11-03	1553	Tone Deaf	30 chr	EAM	N2RB6X	MGMQBYKF062262ZHOU6STXRC	
11-03	1559	Tone Deaf	30 chr	EAM	N2Q5DH	EBDE3CTKCPQEZQH5DXHNSJQX	
11-03	1615	Tone Deaf	30 chr	EAM	N2H3UA	OH3IOTZCWTJPYT3QDVYM7BHC	
11-03	1618	Tone Deaf	30 chr	EAM	N25H3L	DPUMP7GZQUEBWKWIWER2HQ	
11-03	1630	Tone Deaf	30 chr	EAM	N265U2	E037C6UD67U2VE64FTAK04Z7	
11-03	1633	Tone Deaf	30 chr	EAM	N2Q5DH	EBDE3CTKCPQEZQH5DXHNSJQX	
11-03	1638	Tone Deaf	30 chr	EAM	N2FXER	IEKBRXJX3DBZHWND5RBCELZQ	
11-03	1643	Tone Deaf	30 chr	EAM	N2Q5DH	EBDE3CTKCPQEZQH5DXHNSJQX	
11-03	1645	Tone Deaf	30 chr	EAM	N2RB6X	MGMQBYKF062262ZHOU6STXRC	
11-03	1647	Tone Deaf	30 chr	EAM	N2H3UA	OH3IOTZCWTJPYT3QDVYM7BHC	
11-03	1700	Tone Deaf	30 chr	EAM	N2KYQR	J7N5AXDH7304IVQDZ2PHWMLS	
11-03	1704	Tone Deaf	30 chr	EAM	N24TN6	AZNYP64DGBSHA20ZKI6EAW5T ringing telephone in the background	
11-03	1706	Tone Deaf	30 chr	EAM	N2Q5DH	EBDE3CTKCPQEZQH5DXHNSJQX	
11-03	1709	Tone Deaf	30 chr	EAM	N2RB6X	MGMQBYKF062262ZHOU6STXRC	
11-03	1712	Tone Deaf	30 chr	EAM	N2H3UA	OH3IOTZCWTJPYT3QDVYM7BHC	
11-03	2052	Tone Deaf	30 chr	EAM	N26GUU	6JDAOTP5ASA3KTSMTJTPACVWK	
11-03	2102	Tone Deaf	30 chr	EAM	for Genius	DB2A23 KAENQEA50FMTSGL5UI73MZPZ	
11-03	2112	Tone Deaf	30 chr	EAM	for Genius	DBSLKI 5W2SCQE13JYRYBLD307030SB	
11-03	2126	Tone Deaf	30 chr	EAM	DBIB7I	BARHIDKYW32PFABL7EWRFRFU	
11-03	2132	Tone Deaf	30 chr	EAM	N2KWZH	OPJBX2LHFHSW2YCEBN4MK2S	
12-03	0118	Parts Kit	30 chr	EAM	N2AJZE	ZA24QXQKDGBR4YWEMH72KIQN	
12-03	0130	Parts Kit	30 chr	EAM	for Genius	DBACIK TYMNIYKWD0XJSHBJWACKETI	
12-03	0140	Parts Kit	30 chr	EAM	N2AJZE	ZA24QXQKDGBR4YWEMH72KIQN	
12-03	0145	Parts Kit	30 chr	EAM	DB43TK	2DCW7ILD3UMA6Z0EBSCF2YA5	
12-03	0210	Parts Kit	30 chr	EAM	N2AJZE	ZA24QXQKDGBR4YWEMH72KIQN	
12-03	0217	Parts Kit	30 chr	EAM	N2XJ2V	LCXXTDDEUAWTHDZFGNAHTKMD	
12-03	0309	Parts Kit	30 chr	EAM	N2AJZE	ZA24QXQKDGBR4YWEMH72KIQN	
12-03	1621	Parts Kit	30 chr	EAM	N2DLS7	ZHNYC62N6PXQAU3P4HIXYZ6E	
12-03	1625	Parts Kit	30 chr	EAM	N2PXON	GUDWCC4UGNPK4PBEBTVEKNTY	
12-03	1629	Parts Kit	30 chr	EAM	for Genius	DBH6WN QJ5QXH4V2CQL2UVAPC70ANSH	
12-03	1632	Parts Kit	30 chr	EAM	for Genius	DBH6WN QJ5QXH4V2CQL2UVAPC70ANSH	
12-03	1635	Parts Kit	30 chr	EAM	N2PXON	GUDWCC4UGNPK4PBEBTVEKNTY	
12-03	1638	Parts Kit	30 chr	EAM	N2DLS7	ZHNYC62N6PXQAU3P4HIXYZ6E	
12-03	1646	Parts Kit	30 chr	EAM	for Genius	DBIK2C 2AZ26NTDX7Q33QORBIWUMCR	
12-03	1659	Parts Kit	30 chr	EAM	N2PXON	GUDWCC4UGNPK4PBEBTVEKNTY	
12-03	1702	Parts Kit	30 chr	EAM	N2DLS7	ZHNYC62N6PXQAU3P4HIXYZ6E	
12-03	1730	Parts Kit	30 chr	EAM	N2BTN4	WWDQDRDOZOEW3WUFWVUCX6UN	
12-03	1733	Parts Kit	30 chr	EAM	N2L3IZ	P2R7DYRJJDGD6HTJINRX6	
12-03	1736	Parts Kit	30 chr	EAM	N2ZMSI	3D50EFA5YSXL6DHDODIAC0Z7	
12-03	1740	Parts Kit	30 chr	EAM	N2BTN4	WWDQDRDOZOEW3WUFWVUCX6UN	
12-03	1743	Parts Kit	30 chr	EAM	N2PXON	GUDWCC4UGNPK4PBEBTVEKNTY	
12-03	1745	Parts Kit	30 chr	EAM	N2DLS7	ZHNYC62N6PXQAU3P4HIXYZ6E	



12-03	1806	Parts Kit	30 chr EAM N20JV4 QL7ELHQUAL6LN2SKBTJPRUOKV
12-03	1809	Parts Kit	30 chr EAM N2VF7X KFDFYXPEL65QYYIK7JUFNZR4
12-03	1813	Parts Kit	30 chr EAM N2BTN4 WWDQDRDOZOEW3WUFWUCX6UN
12-03	1816	Parts Kit	30 chr EAM N2PXON GUDWCC4UGNPK4PBEBTVEKNTY
12-03	1818	Parts Kit	30 chr EAM N2ZMSI 3D50EFA5YSXL6DHDODIAC0Z7
12-03	1821	Parts Kit	30 chr EAM N2L3IZ P2R7DYRJJDVG0D6HTJINRX6
12-03	1824	Parts Kit	30 chr EAM N2ZMSI 3D50EFA5YSXL6DHDODIAC0Z7
12-03	1830	Parts Kit	30 chr EAM N2VF7X KFDFYXPEL65QYYIK7JUFNZR4
12-03	1833	Parts Kit	30 chr EAM N20JV4 QL7ELHQUAL6LN2SKBTJPRUOKV
12-03	1930	Parts Kit	30 chr EAM for Genius DBRCAM LNJH2357ESUWX3GQH7QFI70H
12-03	1933	Parts Kit	30 chr EAM for Genius DBRCAM LNJH2357ESUWX3GQH7QFI70H
12-03	1946	Parts Kit	30 chr EAM for Genius DB66RX 6VWKMPJNNHUJ73FG75IGJTZZ
12-03	2036	Parts Kit	30 chr EAM N2KEIV CVNITP006JW4W5SHIDLKHN6B
12-03	2317	Parts Kit	30 chr EAM N2UA7M YC2Q7A6376QUQI3N43TPAZSJ
13-03	0033	Scaffold	30 chr EAM for Abram DBBK44 CJZY5JY600S6BBYIYHU4RBED
13-03	0102	Scaffold	30 chr EAM for Abram DBRZTQ YHG4ARNMQP4K4PPGG27C50
13-03	1733	Scaffold	30 chr EAM for Abram DBIDA4 OPLFJFGTUHP0GUUL7UFD0AXB
13-03	1932	Scaffold	30 chr EAM N2YUT2 4AALZ4KGRDOXKMHV0AJ462KN
13-03	2115	Scaffold	30 chr EAM for Abram DBGA5I LPBACG4203VKGZD7A72JFYJ
13-03	2134	Scaffold	30 chr EAM for Abram 101, for Abram 102, for Abram 103 DBYVZG ZWX52J0TZKNKRT40CZTPI536
13-03	2212	Scaffold	30 chr EAM N2W3IY F26KUVJVDJXKM44DACFBDZ3G
13-03	2233	Scaffold	30 chr EAM for Abram DBH5S2 SJBYCINQ5BTXGHU6IQ5PGCG
14-03	0105	Java Jive	37 chr EAM DBI5XG ISFA7FNOLMVD0AARJBUBD7BD3T5IHxz
14-03	0343	Java Jive	37 chr EAM DB3IC2 DTLPTXKHI2HR7TTDVA3VRCBYSHBMN2U
14-03	1432	Java Jive	33 chr EAM DBTG04 IXW20QDZSELABJ7FEEXHJNWYRVE
14-03	1651	Java Jive	290 chr EAM NBQRXX G65V45DCZBKD4VU2LU6PIUOV04L76XX52ZHNNNNX5GAFQ66EPPGZZ67723333N6J7NNTWTBHWCC LY4KXXXXPDPFHRNFCGIRRVNVRBBBBKCPWEG7DHWYXX4JV4UUUUUCHZTN7XV4KMIZHWKHDT2X2B 2P26E3NEE2G66660AV26AQERXMESUEE6TEEEAOUXTPEAEGWXPESSES6666KMKELX33SQUC240C OWXXXYPBPJQVNWQGSMP0W02KKKKXU2DILL533FGDD4SGKGGGGRK4ABDADR
14-03	1750	Java Jive	290 chr EAM NBE4DR F6WFRWQ7AVSXTDGR5GIYJ7F4ZZZZHEQB6BAYYYYK5EL0S2J2C7EDBSRXZPPPP70JFZUJE4ZABYP VBBSAAAA2R4WJ2BVBQE7SIDL4D2222AJEKQZSQTEYNQAUYYUUUU44VQP7PCOQCL6PG6XAIYTR YXYG4RX44MT4444NURUGACZLQP6HJ6607TTTTGI24HCFLFGQK6HKTHTXXXA60ZMFAAGEZTK24T 4UVVVBBCRIV64LVK76XVZH2NNNNX5GAF66QPPPGZZ72GX3333N6R4RQ4QU
14-03	1826	Java Jive	30 chr EAM N2PBA0 ZGEPHZZVDZ7VAA2YDZ6GCFN
14-03	1850	Java Jive	290 chr EAM NBP2QP STYLJPRNLWXPB6RQER6A7NBOBTWHWCCLYK4XXXXPDPFHYIINNIRRVNNSBBBBKCPWWDSEWYXX 4JBZUUUUUCHDCPPFXB66E332N2366660AV2TR6EXQMESSBPUBEEEEAOXH4WKQ5Z7LOFAWFRDXTPG TLTWXPEXX026666KMKELXISU3UC24CCOWXXXYPBPJQVKNSSMZPMOPOKKKXU2DLVCCB4FGD4AG AKGGGGRKQJ7FHY7GZHEQDBDCYYYK5ELJ0OC227EDDBRESPPPP70IXYHXHW
14-03	1945	Java Jive	30 chr EAM N226R3 HGTWUHN2R7RY5LHMHFYKWJF3
14-03	2032	Java Jive	30 chr EAM N2NJFF IUASRCYSX6KPE75IXJVWJ6GE
14-03	2100	Java Jive	30 chr EAM N2NJFF IUASRCYSX6KPE75IXJVWJ6GE
14-03	2105	Java Jive	30 chr EAM N25TYT CQUAQZMYUBLF72EYV2HZQEY
14-03	2115	Java Jive	30 chr EAM N23JER LIRFQ6Y00EIXYQUF2FNN6AGO
14-03	2129	Java Jive	30 chr EAM N23JER LIRFQ6Y00EIXYQUF2FNN6AGO
14-03	2132	Java Jive	30 chr EAM N2NJFF IUASRCYSX6KPE75IXJVWJ6GE
14-03	2143	Java Jive	30 chr EAM N2E3AW RVI2RYJRBC3CDI5KH77TG6N0
14-03	2144	Java Jive	30 chr EAM N2YIRP UPFSXFBYWOECPQ4FSU23ZJGS
14-03	2159	Java Jive	30 chr EAM N2YIRP UPFSXFBYWOECPQ4FSU23ZJGS
14-03	2201	Java Jive	30 chr EAM N2E3AW RVI2RYJRBC3CDI5KH77TG6N0
14-03	2204	Java Jive	30 chr EAM N23JER LIRFQ6Y00EIXYQUF2FNN6AGO
14-03	2206	Java Jive	30 chr EAM N2NJFF IUASRCYSX6KPE75IXJVWJ6GE
14-03	2213	Java Jive	30 chr EAM N254NG 3FHYT4G06CGP4NS57T60YGLR
14-03	2236	Java Jive	30 chr EAM N2FLPX UGA36LUYXLLPQROVQY6EL7F3
15-03	1246	Surf Stud	30 chr EAM for Tide DBLULY 2VAPQLVGIGK5WFSW5UQCOP4Z
15-03	1316	Surf Stud	30 chr EAM for Tide DBMI43 5RNASEOLNY4UOPDMWEIY2UIG
15-03	1332	Surf Stud	30 chr EAM for Tide DBKFEB H2H7TSPQJVV5GAJ3BG4HGGG
15-03	1402	Surf Stud	37 chr EAM DBNPTN XQL3JEK6JV5II06LCZHNSKXFACH3QOE
15-03	1422	Surf Stud	30 chr EAM for Tide DBLHPJ TF2XZYVU7BKR5QIZTUL52RZW
15-03	1536	Surf Stud	30 chr EAM for Clint DBMRL 46BPJKEP2AP3TQVFF3PQIT2W
15-03	1546	Surf Stud	30 chr EAM for Clint DBWESX KGJBD4ZDC3B6SKCSVHGRGCP7
15-03	1556	Surf Stud	30 chr EAM for Clint 3QBGDT 2DBEGILC5COWM3EGFWGU3C6G
15-03	1735	Surf Stud	30 chr EAM for Clint 3QDRBW HWTTKSVC65J3Q206MC44CUTW
15-03	1745	Surf Stud	30 chr EAM for Clint 3QN45C MGMJCVJNHZQ6XVR7GG5656IA
15-03	1933	Surf Stud	30 chr EAM N2CJLH 6HIXGT7Q3N4RGE0Y5WRAGSCU
15-03	2203	Surf Stud	30 chr EAM N2UWDD FW6TB3IW7QD6GV7RCNCYARMC
15-03	2241	Surf Stud	30 chr EAM N2NCNW 3Y46HX7WAGVE23XA6DIGSFA

15-03	2302	Surf Stud	30 chr EAM N2UWDD FW6TB3IW7QD6GV7RCNCYARMC
16-03	0152	Pleasure	30 chr EAM 3Q2PML 3E05VMHY3HN7PKJZRFF25XZ
16-03	0217	Pleasure	30 chr EAM N2GYRH U2LVCURH4MUAVLBKM5S47JL0
16-03	0238	Pleasure	66 chr EAM 3QUMXC 26NKKRRX43BNTXCTDBZCODNTT7GZCY5KQSV7T7GSCJGJF7U70ZWZCFBEGB5G
16-03	2245	Pleasure	30 chr EAM N2QQQD YSBFRWHPER3J36QQCIUMNYBZ
16-03	2303	Pleasure	30 chr EAM N2QQQD YSBFRWHPER3J36QQCIUMNYBZ
16-03	2311	Pleasure	30 chr EAM N2YZNQ EWRD4SK4TLJZZUC5PULXPAFZ
16-03	2329	Pleasure	30 chr EAM 7YTTHJ 6Y3CRML6E4DTGD64T2UIP4VY
16-03	2354	Pleasure	37 chr EAM 3QMYTJ KFARUJEAAWFT5PININZJFA6NIMCFL00
17-03	0031	Pinwheel	37 chr EAM 3Q37PJ YNF4RXL3H02JPLRHK2PYBTVPNQDVMTB
17-03	0223	Pinwheel	120 chr EAM NBCEZJ TCH2THKYT356Z2E7TEYBFZ24EEZABY2BCVQAAAA2R4WJFL2Q2E7SD7AM72222AJEKQTYWGAEYNA A3QKUUUY4RIYWXQ4YG4RMM2RE4444NU4HN3JJX
17-03	0258	Pinwheel	120 chr EAM NBCEZJ TCH2THKYT356Z2E7TEYBFZ24EEZABY2BCVQAAAA2R4WJFL2Q2E7SD7AM72222AJEKQTYWGAEYNA A3QKUUUY4RIYWXQ4YG4RMM2RE4444NU4HN3JJX
17-03	0330	Pinwheel	120 chr EAM NBCEZJ TCH2THKYT356Z2E7TEYBFZ24EEZABY2BCVQAAAA2R4WJFL2Q2E7SD7AM72222AJEKQTYWGAEYNA A3QKUUUY4RIYWXQ4YG4RMM2RE4444NU4HN3JJX
17-03	0400	Pinwheel	120 chr EAM NBCEZJ TCH2THKYT356Z2E7TEYBFZ24EEZABY2BCVQAAAA2R4WJFL2Q2E7SD7AM72222AJEKQTYWGAEYNA A3QKUUUY4RIYWXQ4YG4RMM2RE4444NU4HN3JJX
17-03	0434	Pinwheel	120 chr EAM NBCEZJ TCH2THKYT356Z2E7TEYBFZ24EEZABY2BCVQAAAA2R4WJFL2Q2E7SD7AM72222AJEKQTYWGAEYNA A3QKUUUY4RIYWXQ4YG4RMM2RE4444NU4HN3JJX
17-03	0459	Pinwheel	120 chr EAM NBCEZJ TCH2THKYT356Z2E7TEYBFZ24EEZABY2BCVQAAAA2R4WJFL2Q2E7SD7AM72222AJEKQTYWGAEYNA A3QKUUUY4RIYWXQ4YG4RMM2RE4444NU4HN3JJX (not repeated)
17-03	1717	Pinwheel	30 chr EAM for Guest-97 3QTJF3 2CCST4D5ORCQFLWSP34ZR2DK
17-03	1747	Pinwheel	30 chr EAM 7Y5VOP U3BVC40H03ZE2ZQPLI4DKERN
17-03	2238	Pinwheel	54 chr EAM 3Q56MT FCQNXXJEEWW7T7WGPBWBGE3L3PDZGOUX02TL3MDZHA75QIE
18-03	0131	Deadball	164 chr EAM AKPNR6 WGHVE2R5ZHSIPKN64GRD4JQJFJC3KONONUK2222WA33CRQQC6AEKLK27LTTTTB4NY07ZXXHMPRC RDRE6666KQPVTXGPWQOU3W363WXXXPAODZCZBTB3ZBNB2Z2JJJJQYNRFVJVJEDKRXXRM7ALLLLP ZWKH7JKJ
18-03	0310	Deadball	164 chr EAM AKPNR6 WGHVE2R5ZHSIPKN64GRD4JQJFJC3KONONUK2222WA33CRQQC6AEKLK27LTTTTB4NY07ZXXHMPRC RDRE6666KQPVTXGPWQOU3W363WXXXPAODZCZBTB3ZBNB2Z2JJJJQYNRFVJVJEDKRXXRM7ALLLLP ZWKH7JKJ
18-03	0436	Deadball	164 chr EAM AKBGIA CN66FCLLOCQFQWFJBH0RR4Q6IJJISUEBOUOXQQQHFIQSFDZDRJGYCUYPKKKKKRCJXLSLLLLP5DZ 3ZDKKEEESX3ZRLRREH7E5DWE3222SDI7ILIEER70W2J044YYYY7PBWMYF4AXLXNKUAYWFFFFS OPPFHARG
18-03	0456	Deadball	164 chr EAM AKBGIA CN66FCLLOCQFQWFJBH0RR4Q6IJJISUEBOUOXQQQHFIQSFDZDRJGYCUYPKKKKKRCJXLSLLLLP5DZ 3ZDKKEEESX3ZRLRREH7E5DWE3222SDI7ILIEER70W2J044YYYY7PBWMYF4AXLXNKUAYWFFFFS OPPFHARG
18-03	0540	Deadball	164 chr EAM AKBGIA CN66FCLLOCQFQWFJBH0RR4Q6IJJISUEBOUOXQQQHFIQSFDZDRJGYCUYPKKKKKRCJXLSLLLLP5DZ 3ZDKKEEESX3ZRLRREH7E5DWE3222SDI7ILIEER70W2J044YYYY7PBWMYF4AXLXNKUAYWFFFFS OPPFHARG
18-03	0548	Deadball	59 chr EAM on top of the previous one. 3Q05VF GBC7U4FV2Q22X0- EGQPCEG4SCEG4IXNDN2QUDAFOMLND52QWHMYBZY
18-03	1002	Deadball	30 chr EAM for Bill Buffalo 3QL0U7 RBZUS5HX2G20GL6IQDCFJ2FH
18-03	1016	Deadball	30 chr EAM for Bill Buffalo 3Q2LZI 02GM5ECL3RWJXCFC7DQRP00B
18-03	1030	Deadball	30 chr EAM for Bill Buffalo 3QCSZT IXI73FVTMYQNTDRBMSLP173
18-03	1144	Deadball	30 chr EAM for Bill Buffalo 3QTS6X E5A3W2U4RLXFCAI sudden stop
18-03	1159	Deadball	30 chr EAM for Bill Buffalo 3QDGL7 GJMTFVM7SIA2XLM4CLPJ6LCU
18-03	1209	Deadball	30 chr EAM 7YRETM BOZBDGJEJ3ILPGJRG6S7IW4
18-03	1217	Deadball	30 chr EAM for Bill Buffalo 3Q3QDS 2V5BZL0H240W4YMWQQA4XLF
18-03	1449	Deadball	30 chr EAM for Region Bravo, for region Charlie 3Q5SMW 3C7256HAE0WC4YAM6TXD7QI2
18-03	1456	Deadball	30 chr EAM 7YHAIU NLFMQR2NJANGLMRFU5GGS2Q4
18-03	1510	Deadball	30 chr EAM 7YHAIU NLFMQR2NJANGLMRFU5GGS2Q4
18-03	1513	Deadball	47 chr EAM 3Q4TAT AQODVKZB65A75PKXVFUKXVJUKXVEBF0V55ZX0J740
18-03	1530	Deadball	47 chr EAM 3QG3VZ ZFEYUOK55LPXNLF2DBDF2DODF2DUJH4VBXUW6GMRF
18-03	1533	Deadball	30 chr EAM 7YHAIU NLFMQR2NJANGLMRFU5GGS2Q4
18-03	1537	Deadball	37 chr EAM 3QT4YN 2J4LXVF5SDFSBDZF2VV2SLP57P7GZPD
18-03	1600	Deadball	30 chr EAM 7YHAIU NLFMQR2NJANGLMRFU5GGS2Q4
18-03	1608	Deadball	30 chr EAM 7Y6VAF 74XTTSYQXWFOQORR4DK2HYSO
18-03	1630	Deadball	30 chr EAM 7Y6VAF 74XTTSYQXWFOQORR4DK2HYSO
18-03	1632	Deadball	30 chr EAM 7YHAIU NLFMQR2NJANGLMRFU5GGS2Q4

18-03	1637	Deadball	30	chr	EAM	7YPD7C	R2TYS5XKMJ4LQZDIQ663TENW
18-03	1640	Deadball	30	chr	EAM	7YXPUL	7L2G6QPIVWXGQLULQHXPNDK2
18-03	1706	Deadball	37	chr	EAM	3QBKNQ	7Q2JIPSWSIINSV64AAM6J7XZWYAJ6YF
18-03	1714	Deadball	30	chr	EAM	7YPS27	HZIDU26K7QPHJ2JCHB6EZ37W
18-03	2018	Deadball	30	chr	EAM	7YLCFE	KI4U2RBNQBSNGOFHHFQFVBCD
18-03	2049	Deadball	30	chr	EAM	7YFEAI	U44P2VPRGQBIXADE2UTLHWZS
18-03	2132	Deadball	30	chr	EAM	7YOGPK	SEW64KDVGHYQYHITBZACJ6W2
19-03	0120	Reset Key	52	chr	EAM	3QN2M2	M7AF7X455HNFCCIIIT4CHWBSGMHPUIDIIT3CP4BSYEBEZTP
19-03	0129	Reset Key	41	chr	EAM	3QHSPP	X7CNN70ZCZZ4EUEXYFGKUDRDBTFFSX4HKF
19-03	0148	Reset Key	30	chr	EAM	3QVASU	TXFPNDCHYCTCZDVBEKIWSHXI
19-03	0205	Reset Key	30	chr	EAM	7YFDWW	L6Q6YH3S4AAHR2N6KVQWTGN6
19-03	0211	Reset Key	30	chr	EAM	7YR7X0	KRWZKX7MQG5E36272BHS6Q4C
19-03	0228	Reset Key	30	chr	EAM	7YGPUX	EZJCHINLTETLJFV5GXNTY602
19-03	1033	Reset Key	37	chr	EAM	3QLNC2	AU6T5DXKYKNYUSIIV4NP37FHEYZAEMZ4
19-03	1443	Reset Key	30	chr	EAM	for Mile-91	3QHQP L5VOYMYB6NCNTH3AAXX2UDFR
19-03	1446	Reset Key	30	chr	EAM	for Mile-91	3QHQP L5VOYMYB6NCNTH3AAXX2UDFR
19-03	1457	Reset Key	30	chr	EAM	for Retail Price	3QIYTL OTHHHELA66MWI3DI30F5P4BV
19-03	1501	Reset Key	54	chr	EAM	AKPPGJ	02WX75MTJG72UYOH20GLQAGDVEZV6TCDP6ZZZSFBNUU2H5KF
19-03	1529	Reset Key	50	chr	EAM	AKAA3I	6H47G6PSMLULJ6TU3LETG5FWVHMRHNOCC7KNCEBH2KZ
19-03	1538	Reset Key	30	chr	EAM	for Retail Price	3QL44R W5HETC40SEDFZWTZRGQJZ56P
19-03	1547	Reset Key	30	chr	EAM	for Retail price	3QZLSL W0AZ7JZZ4NP1K3ZSFOSQI4DW
19-03	1702	Reset Key	30	chr	EAM	for Stated	3QJNTB W0B7BA5RN7UH5JEDD2W3MQZN
19-03	1706	Reset Key	50	chr	EAM	AKAA3I	6H47G6PSMLULJ6TU3LETG5FWVHMRHNOCC7KNCEBH2KZ
19-03	1710	Reset Key	54	chr	EAM	AKPPGJ	02WX75MTJG72UYOH20GLQAGDVEZV6TCDP6ZZZSFBNUU2H5KF
19-03	1726	Reset Key	30	chr	EAM	7YDATM	7H7GYBU4AASN2XPAPUBL552B
19-03	1731	Reset Key	30	chr	EAM	7YSZSS	44TSYQ6M4ZSFTGPS3AHNMQ7D
19-03	1734	Reset Key	30	chr	EAM	for Stated	3QKNB5 36XH4BLCJUQE2GZFUVDMLHTT
19-03	1739	Reset Key	50	chr	EAM	AKAA3I	6H47G6PSMLULJ6TU3LETG5FWVHMRHNOCC7KNCEBH2KZ
19-03	1741	Reset Key	54	chr	EAM	AKPPGJ	02WX75MTJG72UYOH20GLQAGDVEZV6TCDP6ZZZSFBNUU2H5KF
19-03	1833	Reset Key	30	chr	EAM	7YQL7J	JBMFESBQV70RV2RZ6NY3AJEQ
19-03	2217	Reset Key	30	chr	EAM	7YNPSP	MHWVR6USILIWKA2LYDCJZRN
19-03	2338	Reset Key	30	chr	EAM	for Stated	3Q4IXS XN4Z7BK4YMFJRJ5NT6P2XROJP
19-03	2357	Reset Key	30	chr	EAM	for Stated	3QMKCV XKAVW2NUJHAP3X5CT5R7YKKI
20-03	0216	Efficient	30	chr	EAM	7YF7IO	PZXWD4CB65S65MY5MMNPYL7V
20-03	1332	Efficient	30	chr	EAM	7Y3PFP	ZSM4DRC6KOYZV05WB5BMHYVT
20-03	1433	Efficient	30	chr	EAM	for Pansy-96	3QT6XY XQYJPS62XPN3PXKDK2KSGMEV
20-03	1532	Efficient	30	chr	EAM	for Stated	3QXBZJ L7LLNKIAISHUIMB54NVUCPHO
20-03	1544	Efficient	30	chr	EAM	for Stated	3Q474E HTAM5LLDQJ2HCL47AU06LIN4
20-03	1650	Efficient	30	chr	EAM	7YPEXY	IGV5XZHI4ERGIKPJ6NOYLDPO
20-03	1700	Efficient	30	chr	EAM	7YPEXY	IGV5XZHI4ERGIKPJ6NOYLDPO
20-03	1715	Efficient	30	chr	EAM	7Y5XBW	JJL6JQWVRTVEDNPMGCYRXVNB
20-03	1718	Efficient	30	chr	EAM	7YRHRP	4FYDZDZLCZIE44YH3ACS60L7
20-03	1700	Efficient	30	chr	EAM	7YRHRP	4FYDZDZLCZIE44YH3ACS60L7
20-03	1730	Efficient	30	chr	EAM	7YRHRP	4FYDZDZLCZIE44YH3ACS60L7
20-03	1732	Efficient	30	chr	EAM	7Y5XBW	JJL6JQWVRTVEDNPMGCYRXVNB
20-03	1734	Efficient	30	chr	EAM	7YPEXY	IGV5XZHI4ERGIKPJ6NOYLDPO
20-03	1752	Efficient	30	chr	EAM	7YYRIU	DZ46PMCCBPLRGJRT3A3WFBIL
20-03	1756	Efficient	30	chr	EAM	7YTYU	2JVVDLH5ADBUFBPBDUZXQR
20-03	2135	Efficient	30	chr	EAM	for Stated	3QLW6T ZSL6DKPJ5Y6LFDL3WHDDEJ
20-03	2153	Efficient	30	chr	EAM	for Stated	3QJAOT URSEFNDCMKBVINJ36Z34QAA3
21-03	0217	Elopement	30	chr	EAM	7YS67P	P7QBCUPDBZC3GYLWGR2DXKPG
21-03	1622	Elopement	30	chr	EAM	for Denary	3QDZQ0 OVZKCVZ0A4YCTKYQBHP74PI5
21-03	1625	Elopement	30	chr	EAM	for Denary	3QDZQ0 OVZKCVZ0A4YCTKYQBHP74PI5
21-03	1636	Elopement	30	chr	EAM	7YK6AJ	Y2PKUZ3FHGXH4KYOC5N2JUOW
21-03	1646	Elopement	30	chr	EAM	7YYYRG	CKRADUWRG2VZL7W7OM4X7WVR
21-03	1936	Elopement	30	chr	EAM	for Denary	3QYEZH CKQVDX445RSGS4T66MUYUZQF
21-03	1957	Elopement	30	chr	EAM	for Denary	3QINDL RM7OYR03CTKRACF4Z5TQ3NZS
21-03	2039	Elopement	30	chr	EAM	for Denary	3Q76P7 MVFSLX2UMKEF4JPMZ75BFWZJ
21-03	2335	Elopement	30	chr	EAM	7YHNP2	2QSHSKMAYY0YNK3QEMLFDEG
22-03	1702	Red Alder	30	chr	EAM	for Zorah	3Q5NJ7 7Q4D077IJY5DRLXAQGTHTRR2
22-03	1933	Red Alder	30	chr	EAM	7YFCBK	EDUAZEPEZCN4RARUHWCNQSL4
22-03	2104	Red Alder	30	chr	EAM	for Zorah	3QJ43CAT7LTMXU3T3U30JS7TSVWKXA
22-03	2132	Red Alder	30	chr	EAM	7YJIRU	6EGJB37ECSG7ZU75AFD3GLWB
22-03	2136	Red Alder	37	chr	EAM	3Q64SR	BXHDP3CZS3Q7XLE4Y7NIJRE2LXZYBG4
22-03	2207	Red Alder	36	chr	EAM	3Q2MBP	02JW3F3AEYZTRCQNYXHD2RTEWUAEIE
23-03	1504	Java Jive	52	chr	EAM	3QTBPD	DOHJIC2QYFBPKVXFHOBKUEJKO0HVRXFGS0AXYJBIZBTCG
23-03	1514	Java Jive	30	chr	EAM	3QJWR6	WLOBZDIYBEK7CYGHSMK6WGRZ
23-03	1542	Java Jive	30	chr	EAM	7YTRAG	EEC2ZBGHSRI6WYB4R4QCJ6L
23-03	1547	Java Jive	30	chr	EAM	7YTVKM	QSGWBZUEQKV3ZYBHNK5PAJDN
23-03	1558	Java Jive	30	chr	EAM	3QTYAU	LUVE20ZCUAUL7JRL6L6LI3FT



23-03	1601	Java Jive	30 chr EAM 7YTVKM QSGWBZUEQKV3ZYBHNK5PAJDN
23-03	1603	Java Jive	30 chr EAM 7YTRAG EEC2ZBGHZSR16WYB4R4QCJ6L
23-03	1606	Java Jive	30 chr EAM 7Y24DL TAAXX3LK5NPW4Z2HFFQNXXKOS
23-03	1818	Java Jive	120 chr EAM AK6H6B 33V6KKVJ00HP4FE0FBLJDXCZBFZJCCCMEH3333UV40JILWLX2T555NY5WWWWSLZWVCOG06BEYY PEIHAAAA37IATGBTJTJTOAAPNO2222W4ECHSIZH
23-03	2032	Java Jive	30 chr EAM for Connor 3QDTNF CTE2JMCTE2JM6XSMHPHQ00DBNEXLCB
23-03	2037	Java Jive	30 chr EAM for Explain 3Q3L6J 5J65JY3YYNYTBYGTCRBWTC4V
23-03	2150	Java Jive	54 chr EAM 3QW2NV UDIT3RXL4VNT5DRQ66RJTW76DFNPDMOTA2QPKRUPD5T7YTJD
23-03	2217	Java Jive	30 chr EAM 7YZVRE QLBWN7TFDC65UVPAMY2ZCVMF
23-03	2228	Java Jive	63 chr EAM 3QGPIK A4WFDH4GC62WLASAW02NAY7AFT26CTKAYA0CB3DEBSABW2J45X6QRVXYP
23-03	2348	Java Jive	30 chr EAM 3QA7C7 KS2DUQDZ0QXDTBLC3USVDY5E
24-03	0015	Uncle Joe	30 chr EAM 7Y4ECW XN2Q44X2WPIJ03EOR3IOPJDA
24-03	0023	Uncle Joe	30 chr EAM 7YYB2J U3EDTIVQDVVB3TNSIDCHWTL6
24-03	0032	Uncle Joe	30 chr EAM 7YYNJR CEKHJTDWLRNLM7LNZAWXG2
24-03	1433	Uncle Joe	30 chr EAM for Field Stone 3QXLDN H3VCUAFXD44CME76QGXMGRB
24-03	1502	Uncle Joe	37 chr EAM 3QXXSJ XQZJKL6SLA5Q2CIQGGTWYPLDCZURQ74
24-03	1533	Uncle Joe	30 chr EAM for Field Stone 3QYKAT PUXNBZZWM3KLNCU2MDEX4YM
24-03	1704	Uncle Joe	30 chr EAM for Zorah 3QEQZI Z7COUVAYXMI6HYU6E6TCZ2M
24-03	1717	Uncle Joe	30 chr EAM for Annex-40 3QKDNM X3PRFPP5DD2TCN7U2BJSYK5Q
24-03	1720	Uncle Joe	30 chr EAM for Annex-40 3QKDNM X3PRFPP5DD2TCN7U2BJSYK5Q
24-03	1746	Uncle Joe	30 chr EAM 7YXOIO HABSK6HQRJDIHDFXD6FY4DZ
24-03	1933	Uncle Joe	30 chr EAM 7YVMAO 77FZH7MNN2WDHLYZLW72UPH
24-03	2057	Uncle Joe	30 chr EAM for Zorah 3QNFWP SFTER4W2T3JKOS2TJETLGXK4
24-03	2108	Uncle Joe	30 chr EAM 7YCSMJ 57407UXCDB6AHSAB6CFYQ6GI
24-03	2233	Uncle Joe	30 chr EAM 7Y2BQO OUC7N47ZCDXCM6HSUQYB6PDO
25-03	0035	Abstract	42 chr EAM 3QIO27 BXWYWHCKYIPIPJZZIE2PQLHWM4TI72HXTWH
25-03	0048	Abstract	30 chr EAM 3QMZPQ GLT6TA2QNHMTMZGZ4ZQ2CEVX
25-03	0106	Abstract	30 chr EAM 7YJMQU ZCEIWITFA3YIZHCKFG5WKB3L
25-03	0120	Abstract	30 chr EAM 7YXGQE IFOV43WEI5WCG333QFECI65H
25-03	0136	Abstract	30 chr EAM 3QAM3H MOCX25GVRVBF6I2F6UGCO2UG
25-03	0140	Abstract	30 chr EAM 7YTZVI EZV6EVC3YWKSXVGHUSLFBYIKM
25-03	1322	Abstract	30 chr EAM for Wholesome 3Q3ALU C357ISY7ALS2Z7MJG6TLAR2T
25-03	1333	Abstract	30 chr EAM for Wholesome 3QMLW7 MFHMS76SQHUM05I57H3RBBFQ
25-03	1936	Abstract	30 chr EAM 7YGOLO 4RH6XQMSTF03QQE5GAEUBZQS
25-03	2102	Abstract	30 chr EAM for Agile 3QTIZF DYEBXGUY7TUL7GEKFF6DCQBZ
25-03	2202	Abstract	30 chr EAM for Agile 3QK4QW V4VH4N6Q25NALUJL5FRTS2B0
25-03	2216	Abstract	30 chr EAM 7YCEL7 343QCVXVU4QZQJ000ZY324TM
25-03	2240	Abstract	37 chr EAM for Agile 3Q7TU6 33KEMLP26JGBD6TXYP00ED40RZGUBCD
26-03	0108	Aspen Air	37 chr EAM 3Q7TU6 33KEMLP26JGBD6TXYP00ED40RZGUBCD
26-03	0131	Aspen Air	37 chr EAM 3QMOP0 2D3BUNPYXB4EHVQGQGISOQTJJUJX37W
26-03	1936	Aspen Air	30 chr EAM 7YLXCD A7UJ6SJFAIYQMF7TJ2SV7KX
26-03	2102	Aspen Air	30 chr EAM for Duma 3QTXOK ITX4GCX6EWOD57HVUGSX7SWF
26-03	2216	Aspen Air	30 chr EAM 7YITKV U4644VHGNG4ZNH0CLBCOQDPZ
26-03	2342	Aspen Air	30 chr EAM 7YGV3L 76FIXT32UT6QBUXAMNJOZBRU
26-03	2346	Aspen Air	30 chr EAM 7YGV3L 76FIXT32UT6QBUXAMNJOZBRU
27-03	0111	Pen Wiper	?? chr EAM 3Q653L unreadable
27-03	0146	Pen Wiper	?? chr EAM 3Q653C unreadable
27-03	0602	Pen Wiper	142 chr EAM AKJSNA QTMGPRCJQJ2JREDXVD06YCBERRR3MJVBXBJLLLLNPTBARXVXSNIQ5ZR6CKKKKVY4QLEI5CLTZHO 3ZZS4444NZA4JF7U733026QFKQ2222WC33C4ZCCLAK7SNYKSTTTTBHQP7HNHE
27-03	2132	Pen Wiper	30 chr EAM 7YKSTC ENXNQHP6A6T5I3AOWGOJHC3M
27-03	2217	Pen Wiper	30 chr EAM 7YXCWD SRPX7DISH2PACX3FNPSLC6G0
28-03	1612	Pen Wiper	30 chr EAM for Alice-37 3QWSH5 (disregarded, wrong callsign)
28-03	1614	Smuggler	30 chr EAM for Alice-37 3QWSH5 3JPOD65P6T6EJ2CGOVDPW5LF
28-03	1620	Mile Post	30 chr EAM for Alice-37 3QWSH5 3JPOD65P6T6EJ2CGOVDPW5LF
28-03	1833	Mile Post	30 chr EAM 7Y03VU K5T5XHEDND4N2T7GN5WEBIMA
29-03	1702	Riderless	Distorted audio
29-03	1705	Riderless	Distorted audio
29-03	1723	Riderless	30 chr EAM 7YYIIE KE0BJTXJP7GUM407WCPZHIL
29-03	1726	Riderless	Distorted audio
29-03	1734	Riderless	30 chr EAM for ? 3QVCHL BSFJWZV2E6QDW2SBQFCE52B
29-03	1738	Riderless	30 chr EAM for ? 3QVCHL BSFJWZV2E6QDW2SBQFCE52B distorted audio
29-03	1744	Riderless	30 chr EAM for ? 2Q6FNN HIB2WJFCVXS3T6GQDCI27HV
29-03	1755	Riderless	Distorted audio
29-03	2219	Riderless	30 chr EAM 7Y3CIA BMNFF7Q7IDKBMMZ75CZUDBKP
29-03	2257	Riderless	30 chr EAM 7YYWBT GYSSZYAVLTI5OUAPKUERGJI
29-03	2300	Riderless	30 chr EAM 7YYWBT GYSSZYAVLTI5OUAPKUERGJI
30-03	0000	Curly Top	30 chr EAM 7YYWBT GYSSZYAVLTI5OUAPKUERGJI
30-03	0033	Curly Top	30 chr EAM 7YYGQ2 IS3QEKVLMIJXWD2D327BIM4Z

30-03	0038	Curly Top	30 chr EAM 7YYGQ2 IS3QEKVLMIJXWD2D327BIM4Z
30-03	0216	Curly Top	30 chr EAM 7YGF7E CAORJEDI2SZHLOCXWPEXGZPL
30-03	0802	Curly Top	Distorted audio
30-03	1327	Curly Top	Distorted audio
30-03	1507	Curly Top	Distorted audio
30-03	1613	Curly Top	Distorted audio
30-03	1931	Curly Top	30 chr EAM 7YJVC5 N4GXI6QFYNCCFW0DB2LGYN2C distorted audio
30-03	2030	Curly Top	Distorted audio
30-03	2033	Curly Top	30 chr EAM for Voyage RUSMYC 4N43D2JDDAKE7YQA3LADCXLC (distorted audio)
30-03	2143	Curly Top	47 chr EAM RU37BC KR6NKHKVDLC5IVC6SZJC6SNJ73LZIIIMR2RXEAZCHC
30-03	2217	Curly Top	30 chr EAM 7Y32KN Y7BTGGAADCWRCIWK2AEMBA03
31-03	0216	Duck Lucky	30 chr EAM 7YIMQX 6FOQUXVAGJT6ZPTHUJH2S7KF
31-03	1316	Duck Lucky	30 chr EAM for Bligh RUNIWU NU7WNZ5SM3TMRVPBOMSSEIJ5
31-03	1402	Duck Lucky	37 chr EAM RUFAG5 RJ3WI3EHKGUL56KYKI36JW4ICNZRNFU
31-03	1432	Duck Lucky	30 chr EAM for Bligh RUFLYZ 4Z42WBKEOEKMFPPBRLSAADMO
31-03	1547	Duck Lucky	30 chr EAM for Stool-82 RULJ2R ECQQHPSBHAL5H5V4FBFSY36R
31-03	1551	Duck Lucky	30 chr EAM for Stool-82 RULJ2R ECQQHPSBHAL5H5V4FBFSY36R
31-03	1556	Duck Lucky	30 chr EAM for Stool-82 RULJ2R ECQQHPSBHAL5H5V4FBFSY36R
31-03	1616	Duck Lucky	30 chr EAM TY2IKK BILLESQC4NP3RC2I6H40IRWL
31-03	1654	Duck Lucky	52 chr EAM RUBETC KOIOAZVOUV4LHV5FPHQBPJYWRQHD335KPMQVDZXT7PV2Q0 (barely audible)
31-03	1707	Duck Lucky	30 chr EAM RU5F6D 3BOJCFDFAMMHVDGZQPZXWCGV
31-03	1728	Duck Lucky	30 chr EAM 7YZUF5 OJGYU7E53VUE562G6GSFGYDU
31-03	1731	Duck Lucky	52 chr EAM RUBETC KOIOAZVOUV4LHV5FPHQBPJYWRQHD335KPMQVDZXT7PV2Q0
31-03	1738	Duck Lucky	30 chr EAM 7YBUG5 2PFJRORNSOUTBMPW4QSUT7YO
31-03	1741	Duck Lucky	30 chr EAM RUKPQP 4TUAWYQT2VGZRRDS3ZBWIC50
31-03	1753	Duck Lucky	30 chr EAM 7YXMJR JBXDUU5DJU2CT7I4MLVZJL3B
31-03	1759	Duck Lucky	52 chr EAM RUBETC KOIOAZVOUV4LHV5FPHQBPJYWRQHD335KPMQVDZXT7PV2Q0 (disregarded at 1604 UTC)
31-03	2037	Duck Lucky	30 chr EAM 7YV666 YQV7HRRUIDXVY666CFKWZL0S
31-03	2049	Duck Lucky	30 chr EAM 7YPWI5 5DFZY7727XHZ5N7BXL7H6UIC
31-03	2129	Duck Lucky	30 chr EAM 7YPWI5 5DFZY7727XHZ5N7BXL7H6UIC
31-03	2148	Duck Lucky	30 chr EAM 7YMEII H6QCEBXZOAWISFD4ZPARD6SD

## RUSSIAN MILITARY TRANSCRIPTS

Excerpts from messages submitted by AB, Gwr,

### Strategic messages

5911 kHz, 02-03, 1555 UTC XXX XXX JVB1 JVB1 10373 DISKETKA 0488 2200 ZhMYHOWYJ 3050 1469 K (S30's CW channel)

5033 kHz, 10-03, 1105 UTC XXX XXX GNE4 GNE4 23149 ZAYaCOKREP 0803 1152 K

6958 kHz, 12-03, 1345 UTC GDGB GDGB GDGB DE OZO5 OZO5 K. XXX XXX JWB1 JWB1 YaLOHOR 209 K  
<https://priyom.org/media/256455/s30-6958cw-20210312-1345z-msg-bygwraspe.ogg>

5317 kHz, 15-03, 1239 UTC XXX XXX 596E 596E 25689 AISTOSRUB 2533 4981 K //5775 kHz

5775 kHz, 15-03, 1239 UTC XXX XXX 596E 596E 25689 AISTOSRUB 2533 4981 K //5317 kHz

5761 kHz, 15-03, 1243 UTC XXX XXX NZhTI NZhTI 49136 NARUKAWNYJ 8377 1471 K

5775 kHz, 15-03, 1614 UTC XXX XXX 596E 596E 16441 KOZYR' 3301 1519 K

5293 kHz, 18-03, 1221 UTC XXX XXX OM9V OM9V VC1T VC1T 27785 LIMFANGOIT 8094 5353 PROPAST' 1854 8928 K

10535 kHz, 19-03, 1447 UTC XXX XXX GSTO GSTO 88098 11151 KUPEESKIJ 1965 0268 K

7815 kHz, 19-03, 0800 UTC RBL88: XXX LR43 TEHNICHESKAYa PROWERKA 592 K

7815 kHz, 19-03, 0804 UTC RBL88 wkg RBL90, RFN69, RFN77, RGR99. XXX LR43 TEHNICHESKAYa PROWERKA 592 K (RBL90, RFN69, RFN77, RGR99 acknowledge receipt)

6521 kHz, 19-03, 0920 UTC XXX LA8K 35998 GLASOFAJL 0601 6216 K

7460 kHz, 19-03, 0943 UTC XXX SOKOL 5879 3956 K

5448 kHz, 19-03, 1015 UTC XXX RLO WETER 3 PO RAJONAM 674 675 676 677 K //7457 kHz

5448 kHz, 19-03, 1017 UTC RIT: Russian Navy Severomorsk XXX RLO WETER 2 PO RAJONAM 672 673 676 873 K //7457 kHz

5432 kHz, 25-03, 1008 UTC XXX XXX XHOP XHOP 88879 BARKONYeUch 6159 2817 ZAMYeDLYeN'Ye 0076 6402

6351 kHz, 25-03, 1014 UTC XXX XXX H7Shch6 H7Shch6 80513 LAZORYeVNYJ 7554 4890

6246 kHz, 25-03, 1049 UTC XXX XXX SVGT SVGT M5ZX M5ZX 76803 GIDOLOG 8671 2842 K

5802 kHz, 25-03, 1052 UTC XXX XXX ODWR ODWR EFUG EFUG 78233 91077 DZhiPOWNUK 4541 3922 K

8417 kHz, 25-03, 1105 UTC XXX XXX FS6N FS6N 53997 TORSOKOB 6472 7952 K

8417 kHz, 25-03, 1111 UTC XXX XXX TRHD TRHD 27391 OWALOZAJM 4620 9394 K

8417 kHz, 25-03, 1129 UTC XXX XXX ZOLD ZOLD 87947 KRITOSBOR 7226 7732 K



8417 kHz, 25-03, 1139 UTC XXX XXX TRHD TRHD 41965 POLOTRÜM 0416 1400 WOROBXEWA 7311 7787 BRIGOGUV 1965 8858 K  
8417 kHz, 25-03, 1233 UTC XXX XXX TRHD TRHD 11207 KURLYKANXE 6784 5590 AKROŌEH 5704 2073 K  
8417 kHz, 25-03, 1306 UTC XXX XXX TRHD TRHD 16870 LESSOZAW 0099 0775 K  
8417 kHz, 25-03, 1323 UTC XXX XXX TRHD TRHD 29873 PASHALXNYJ 0879 2698 K  
8417 kHz, 25-03, 1327 UTC XXX XXX TRHD TRHD 18548 PRIMORXE 2405 3880 K  
8417 kHz, 25-03, 1338 UTC XXX XXX TRHD TRHD 85054 RAVOKORD 9969 7903 K  
8417 kHz, 26-03, 0720 UTC XXX XXX TRHD TRHD 81618 MAJNOKIT 2498 4929 K  
8417 kHz, 26-03, 0740 UTC XXX XXX TRHD TRHD 24185 OTKRYTOSTX 4649 8145 K  
7815 kHz, 26-03, 1130 UTC XXX XXX TEHNICHESKAYa PROVERKA 540 K [2 stations sending]  
8417 kHz, 26-03, 1430 UTC XXX XXX TRHD TRHD BESKROWNYY ShchLEJF K  
8417 kHz, 27-03, 0957 UTC XXX XXX TRHD TRHD 23163 KLZOMON 6258 9814 K  
12832 kHz, 28-03, 1345 UTC XXX XXX XHOP XHOP 82935 10274 TRUBChATYJ 3881 3174 K  
12832 kHz, 28-03, 1355 UTC XXX XXX RDL RDL 34792 20752 BLUMOBAUL 3393 3308 K

## Monolith stations

4310 kHz, 09-03, 1202 UTC Vozduh, Ohvat-98 50016 TShchYeTA 2197 1340  
4310 kHz, 12-03, 1404 UTC Vozduh Ohvat-98 37208 YeDIN 5314 6427

## S28 Buzzer – Western District

4625 kHz, 10-03, 0915 UTC NZhTI 94884 AFONOPLYuS 1642 7520  
4625 kHz, 10-03, 0938 UTC NZhTI 07547 DVINA 6665 6612 NYeUVYaDAYeMYJ 8425 0703  
4625 kHz, 10-03, 1241 UTC NZhTI 87998 VYeDORNOST' 2725 1775  
4625 kHz, 10-03, 1248 UTC CZhAP 43053 KOZYaVKA 0200 4983 ODOLZhYeN'Ye 3680 2329 (note the similarity in number groups to proceeding pip message)  
4625 kHz, 15-03, 1608 UTC ODVR 06575 SYeTOTAU 2143 2879

## Southern District

5473 kHz, 02-03, 1435 UTC, S32 Al'fa-45 YaLOHOR 209 SBYTOSYeV 212  
4940 kHz, 02-03, 1438 UTC Tros-28 ya Baron-78, Baklan - ALLILUJShchIK 5903 SAFRONIT 6382 4578  
4940 kHz, 02-03, 1555 UTC Baron-78 was listening to S30's CW channel on 5911 kHz. Audible via open mic:  
XXX XXX JVB1 JVB1 10373 DISKETKA 0488 2200 ZhMYHOWYJ 3050 1469 K  
5448 kHz, 04-03, 1240 UTC, S30 JVB1 02084 09230 DURALYeJ 5365 3480 NYePROYeZZhIJ 8727 4860  
5473 kHz, 04-03, 1245 UTC, S32 Al'fa-45 80507 GROBOVOJ 9557 7332  
4940 kHz, 04-03, 1247 UTC Tros-28 ya Baron-78, Balkan – 75907 ROGOV 6686 4536  
5448 kHz, 09-03, 1338 UTC, S30 JVB1 SBYTOSYeV 212 ChYeSTNOST' 251 ShchITONARY 260  
5473 kHz, 09-03, 1340 UTC, S32 Al'fa-45 69940 KAZAH 4259 3817  
4940 kHz, 09-03, 1342 UTC Tros-28 ya Baron-78 Baklan 77754 BORTChYeN 9997 7038 (she didn't even bother reading the phonetics for this one)  
5473 kHz, 09-03, 1343 UTC, S32 Al'fa-45 SBYTOSYeV 212 ChYeSTNOST' 251 ShchITONARY 260  
5473 kHz, 09-03, 1343 UTC, S32 Tros-28 ya Baron-78 Baklan SBYTOSYeV 212 ChYeSTNOST' 251 ShchITONARY 260  
5448 kHz, 10-03, 0937 UTC, S30 JVB1 12328 PRYeKLONYeN'Ye 1392 0807  
5473 kHz, 10-03, 0940 UTC, S32 Al'fa-45 15901 VLADYeLICA 2978 8012  
5473 kHz, 10-03, 1244 UTC, S32 Al'fa-45 74816 PSHIKOSHLEM 4947 8887 K  
5448 kHz, 10-03, 1255 UTC, S30 JVB1 60023 OPTOZAJM 0100 SBOJ JVB1 60123 OPTOZAJM 0100 9698 YeJSKOKLIR 3680 2329 (note the similarity in number groups to previous buzzer message)  
5473 kHz, 10-03, 1300 UTC, S32 Al'fa-45 47925 SNOPODUCHe 0151 8102  
5448 kHz, 10-03, 1306 UTC, S30 JVB1 19187 OBOZOTAKT 0100 7288 BLATOPAK 4354 2518 (same final groups as next pip message)  
5473 kHz, 10-03, 1310 UTC, S32 Al'fa-45 30321 IDIOTIYa 6926 5655  
4940 kHz, 10-03, 1312 UTC, Tros-28 ya Baron-78, Baklan - 24259 DVOROLYeD 3879 7903  
5448 kHz, 10-03, 1301 UTC, S30 JVB1 25655 BLYeFOPAZ 0100 7557 MUSSOFORD 4354 2518 (0100 common to last 3 messages from pip in same location, same final groups as previous pip message)  
5448 kHz, 10-03, 1320 UTC, S30 JVB 1 19285 VKLYuChYeN'Ye 8251 5694  
5473 kHz, 10-03, 1320 UTC, S32 Al'fa-45 25539 KRYeNOBARD 0075 9257  
4940 kHz, 10-03, 1332 UTC, Tros-28 ya Baron-78, Baklan - 10594 OBOLOVAN 0100 7060 ABOLICIYa 4354 2518 (same number groups as previous pip message (barring 7557/7060 but very close)  
5473 kHz, 10-03, 1325 UTC, S32 Al'fa-45 32223 VIZGONYeUD 6061 4917  
5448 kHz, 10-03, 1413 UTC, S30 JVB1 95444 AEhROMYeTRIYa 3546 4146  
5473 kHz, 10-03, 1417 UTC, S32 Al'fa-45 61823 BLAGONRAVIYe 3557 3168

5448 kHz, 10-03, 1420 UTC, S30	JVB1 27456 HYeMOSINTYeZ 0010 4558 ARMYeNISTIKA 2004 8547
5448 kHz, 10-03, 1454 UTC, S30	JVB1 61285 MAISOZMYeJ 8894 7326
5473 kHz, 10-03, 1457 UTC, S32	Al'fa-45 61011 AGITATORShA 1221 9161
5448 kHz, 11-03, 1411 UTC, S30	V'Z' NLCYe V2MZ ZBIL 8MUO A3PS 8N8Zh BYeSKROVNYJ ShLYeJF 8N8Zh is a new callsign, she also only reads it once per cycle rather than twice but does not include it in the reading of the message, as such it is a callsign – similar to regular call Zh7NZh <a href="https://priyom.org/media/256366/s30-5448usb-20210311-1411z-beskrovnyi-shleif-bygwraspe.ogg">https://priyom.org/media/256366/s30-5448usb-20210311-1411z-beskrovnyi-shleif-bygwraspe.ogg</a>
5473 kHz, 11-03, 1415 UTC, S32	Al'fa-45 BYeSKROVNYJ ShLYeJF <a href="https://priyom.org/media/256369/s32-5473usb-20210311-1415z-beskrovnyi-shleif-bygwraspe.ogg">https://priyom.org/media/256369/s32-5473usb-20210311-1415z-beskrovnyi-shleif-bygwraspe.ogg</a> Gwr says: Never heard this before, it literally translates into “bloodless train”
5473 kHz, 12-03, 1115 UTC, S32	Al'fa-45 66226 56388 45942 OKAMYeNYeN'Ye 1015 5797 (No preceeding Pip message, very uncommon, multi-header group format also uncommon for Squeaky Wheel)
6981 kHz, 12-03, 1125 UTC	Katok-67 calling for Buran-27 <a href="https://priyom.org/media/256407/katok65-6981usb-20210312-1125z-buran27-bygwraspe.ogg">https://priyom.org/media/256407/katok65-6981usb-20210312-1125z-buran27-bygwraspe.ogg</a>
5473 kHz, 12-03, 1129 UTC, S32	Al'fa-45 91544 09145 04879 MYeTALL 7285 3171
5473 kHz, 12-03, 1139 UTC, S32	Al'fa-45 53646 54888 40864 POD'YeM 9190 4330
5372 kHz, 12-03, 1320 UTC	N'ZhJ 00283 BRYaKOVТУZ 7503 5807 (timestamp given as 1304z, but no preceeding Pip or Wheel messages, very rare)
5473 kHz, 12-03, 1346 UTC, S32	Al'fa-45 YaLOHOR 209
5372 kHz, 12-03, 1357 UTC	N'ZhJ YaLOHOR 209
5448 kHz, 12-03, 1500 UTC, S30	JVB1 62581 GRIBOK 2309 9714
5473 kHz, 12-03, 1500 UTC, S32	Al'fa-45 57062 91919 46268 NORDOZULU 5207 5899
5473 kHz, 12-03, 1504 UTC, S32	Al'fa-45 75107 SKAMYeYeChNYJ 6868 4261 on second read starting reading previous message
4940 kHz, 12-03, 1509 UTC	Baron-78 for Tros-28, except she didn't even bother reading any callsigns: Baklan 05387 BUTCY 9005 2248
5372 kHz, 12-03, 1516 UTC	N'ZhJ 02813 KOKODUH 7079 9409
5473 kHz, 15-03, 1102 UTC, S32	Penza-07 Zaslonka-27 Karta-11 Stupa-32 Utes-94 Fakyel-36 Burka-37 Kurgan-40
5473 kHz, 15-03, 1137 UTC, S32	Al'fa-45 89340 ZYuJDOSPICH 8996 5817
4940 kHz, 15-03, 1244 UTC	Tros-28 ya Baron-78, Baklan - 57881 LINCOBIMS 2742 9683 (no channel marker)
4670 kHz, 15-03, 1400 UTC	Strela-18 checking connection with Zenit and Berkut
5473 kHz, 15-03, 1500 UTC, S32	Dubler-68 Leggina-38 Serna-85 Shuler-60 Sliva-94 Fontan-34 Ruzh'e-26 Nevka-26
5448 kHz, 16-03, 0940 UTC, S30	JVB1 ShchITNOARY 160
5473 kHz, 16-03, 0944 UTC, S32	Al'fa-45 ShchITNOARY 160
5372 kHz, 16-03, 0958 UTC	N'ZhJ ShchITONARY 160
5448 kHz, 16-03, 1132 UTC, S30	JVB1 01202 21826 AZOVOBUFF 4262 6206 MHATOKLIP 9496 1681
5473 kHz, 16-03, 1137 UTC, S32	Al'fa-45 94890 ZALAVOK 0737 6523
4940 kHz, 16-03, 1142 UTC	Tros-28 ya Baron-78, Baklan - 57178 BLUZON 0959 4428
5372 kHz, 16-03, 1156 UTC	N'ZhJ 98656 NAPYeRSNICA 0815 4534
6610.5 kHz, 17-03, 1040 UTC	Zebra-37 central, net including Storozh-21 and Penza-68, Storozh-62 and Penza-07 being Squeaky Wheel units
5473 kHz, 17-03, 1204 UTC	Al'fa-45 91380 ChYeRTYaKA 5628 9672 (no preceeding Pip message)
4940 kHz, 17-03, 1210 UTC	Tros-28 ya Baron-78, Baklan - 58559 ZhIROCINK 8857 6749 (timestamp given was Squeaky Wheel timestamp, usually Baron mirrors Pip timestamps)
5320.5 kHz, 17-03, 1210 UTC	Saraj-96 central: Freza-56, Gaika-76
5473 kHz, 17-03, 1429 UTC	Penza-07 Leggina-38 Yahta-94 Pesochnyj-21 Sliva-94 Fonton-34 Fakyel-36 Kovboj-39
5448 kHz, 17-03, 1500 UTC	AGDT 'U1B OSOG BO6C F56Shch 9GSA ZhBZU 4RVZ 3VS' DKJ1
5448 kHz, 18-03, 1215 UTC	JVB1 SBYTOSYeV 112 ChYeSTNOST' 151
5473 kHz, 18-03, 1217 UTC	Al'fa-45 SBYTOSYeV 112 ChYeSTNOST' 151
5448 kHz, 19-03, 1020 UTC	JVB1 SBYTOSYeV 112
5473 kHz, 19-03, 1022 UTC	Al'fa-45 SBYTOSYeV 112
5372 kHz, 19-03, 1036 UTC	N'ZhJ SBYTOSYeV 112
5448 kHz, 19-03, 1040 UTC	F61N 37CN MUDR 7VNShch Zh7NZh YMA5 VTH3 AGDT 'U1B OSOG
5448 kHz, 19-03, 1236 UTC	JVB1 ChYeSTNOST' 151
5473 kHz, 19-03, 1237 UTC	Al'fa-45 ChYeSTNOST' 151
5448 kHz, 25-03, 1019 UTC, S30	JVB1 41386 NYeONOKYeRN 6809 3932 LEhPOSBOR 0651 3819
5473 kHz, 25-03, 1021 UTC, S32	Al'fa-4 11920 SYeLYeNID 1326 3553
4940 kHz, 25-03, 1240 UTC	Tros-28 ya Baron-78, Vozduh Baklan - 87951 DRAPOVYeYeR 3894 5228
5448 kHz, 25-03, 1315 UTC, S30	JVB1 60287 MASLYeNICA 0263 7692
5448 kHz, 25-03, 1317 UTC, S30	JVB1 89005 VODOLYuB 9899 2492
5473 kHz, 25-03, 1319 UTC, S32	Al'fa-45 09822 SYeRVIROVKA 7141 6433
5473 kHz, 25-03, 1323 UTC, S32	Al'fa-45 23183 ZhNYeCOLAVR 7026 2855
4940 kHz, 25-03, 1325 UTC	Tros-28 ya Baron-78, Baklan - 80349 OSYeN' 3268 1919

**6296.5 kHz, 17-03, 0940-1155 UTC. Voice traffic from the “Pip” hub.**

Penok-65 central station clg Bant-69, Gamak-23, Okno-92, Zenica-05, Porah-01, Fregat-75, Romans-79, Grad-36, Emal'-74, Rom-05, Zvonok-53, Semec-28, Narez-34, Sandal-10, Lokon-27, Akat'-23, Simvol-70, Gordy-54, Komik-89, Riska-04, Azbuka-68, Pojsk-87, Britva-73

1000z - ShchJG ShchYT4 for Narez-34  
1005z - ZMP ZZYe ZRU ShchYT4 for Narez-34  
1043z - ZShchK ZZYe ZSM ShchYT4 for Narez-34  
1045z - ShchBYe ShchYT9 for Britva-73  
1129z - ZCZ ZRP ZAP ShchYT4 for Gordy-54  
1132z - ShchJG ShchYT4 for Gordy-54  
1134z - ShchBYe ShchYT9 for Narez-34  
1137z - ShchBYe ShchYT4 for Gordy-54  
1154z - ZRN ZRS ZRH ShchYT4 for Gus'-99

**Note:**

ShchYT4 is the same as QYT4 in Morse and means: traffic in AT-3004D mode  
ShchYT9 = QYT9 Mode: FSK 75Bd/200Hz

**6913 kHz, 19-03, 0908 UTC. Radiogram from Pip hub**

<https://priyom.org/media/256644/s30-6913usb-20210319-0908z-gipnoz31-radiogram-bygwraspe.ogg>

Ya Gipnoz-31 primite radiogramma 347 25 19 1130 347 / 450 /  
28120 50348 78108 64627 74189 19243 71035 41831 51574 07757  
32120 21465 87115 55179 73129 32747 56932 40699 13141 43017  
81649 07389 24916 19023 / 503 26 19 1150 503 / 450 / 28120  
50348 94971 60797 53046 37241 25239 36687 19035 01985 52571  
49695 98021 20148 93164 31825 70561 27634 74836 19041 44468  
90780 18465 57605 19024 priyom

## Russian military voice transmissions

### Russian Military voice traffic

10-counts at the beginning of each transmission. Daily schedule but not on Saturday and Sunday.

5045 kHz, 02-03, 1411 UTC	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 7287. 16 chasov 15 minut konec svyazi
5045 kHz, 03-03, 1415 UTC	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 6516. 16 chasov 15 minut konec svyazi
5045 kHz, 04-03, 1414 UTC	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 6516. 16 chasov 15 minut konec svyazi
5045 kHz, 09-03, 1415 UTC	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 8573. 16 chasov 15 minut konec svyazi
5045 kHz, 10-03, 1415 UTC	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 4729. 16 chasov 15 minut konec svyazi
5045 kHz, 11-03, 1414 UTC	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 2879. 16 chasov 15 minut konec svyazi
5045 kHz, 12-03, 1415 UTC	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 4418. 16 chasov 15 minut konec svyazi
5045 kHz, 15-03, 1415 UTC	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 5543. 16 chasov 15 minut konec svyazi
5045 kHz, 16-03, 1415 UTC	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 4124. 16 chasov 15 minut konec svyazi
5045 kHz, 17-03, 1412 UTC	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 9673. 16 chasov 15 minut konec svyazi
5045 kHz, 18-03, 1414 UTC	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 8752. 16 chasov 15 minut konec svyazi
5045 kHz, 19-03, 1415 UTC	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 1523. 16 chasov 15 minut konec svyazi
5045 kHz, 25-03, 1411 UTC	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 7582. 16 chasov 15 minut konec svyazi
5045 kHz, 26-03, 1415 UTC	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 5347. 16 chasov 15 minut konec svyazi
5045 kHz, 30-03, 1412 UTC	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 1549. 16 chasov 15 minut konec svyazi
5045 kHz, 31-03, 1412 UTC	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 2167. 16 chasov 15 minut konec svyazi

5550 kHz, 16-03, 1158 UTC	Russian ground net. 1-10 test count interrupted by iPhone ringing!
4310 kHz, 19-03, 1400 UTC	Vozduh - Ohvat-98 35678 VYeNTA 8030 9478
4310 kHz, 19-03, 1409 UTC	Vozduh - Ohvat-98 16140 SOYuZ 6176 7907

### Russian Navy voice traffic

**4940.5 kHz, 12-03, 1234 UTC. Probably navy**

c/s Karmela sends message: 4203 1300 806 449 1400 814 445 1500 812 450 1600 812 447 / 4201 1600 811 448

## Russian Air Force voice traffic

**5628 kHz, 16-03, 1017 UTC** 46352 to Tezis 401 471 226 578 068

**5628 kHz, 16-03, 1143 UTC** 46352 to Tezis: 401 471 226 386 153

**5786 kHz, 17-03, 1509 UTC, i.p.**

**Lushchik central station (possibly Krasnodar radio centre RJH63) sending to Karyeta**

<https://priyom.org/media/256620/lushchik-5786usb-20210317-1509z-kareta-bygwraste.ogg>

...00851/05506/01706/001723/00230/00011 kak prinyali ya 8 priyom

Kareta ya Lushchik 89290/00251/01700/01703/00852/05506/01706/001723/00330/00011 kak prinyali? ya 8, priyom

Kareta ya Lushchik, a normalno, priyom

**5833 kHz, 26-03, 1017 UTC** Shpora (Saratov) checking connection with 29633

**8090 kHz, 26-03, 1031 UTC** 29633 calling Shpora

**5833 kHz, 26-03, 1035 UTC** 29633 calling Nabor (Moscow)

**8090 kHz, 26-03, 1038 UTC** Nabor calling 29633

**8090 kHz, 26-03, 1057 UTC** 26958 to Nabor 129 343 230 572 023

## Russian military morse transmissions

### M32 - Russian Military

**5792 kHz, 26-03, 1136 UTC. Lots of repeated groups**

XXX XXX 24YO 24YO 35360 MIPEK SAWUC MSAWU ChWYUJ FYWCE TROGN LORNE LShGNE TORGN ZhDZShchSh SAWUC ChWUCY  
BLOGN IRPEK MAPSI T'BDL IRPNE MSAWU TIRPE SAWUC MPAWU MSAWU TIRPE 'TORN SMAWK T'BLO YuBDLSh TORNE IMPAK  
IMPAK IMPAK SWYUJ ChWYUJ ChIWYC MIRPE BDLSHG YuZhDShchSh TIRPE TIRPE YuDLShchSh SMAWU ChWYUJ ChSULC TIRPE 'OLShG  
TORNE SWUCW TIRPE MSAWU ORGNE SchWYC CFCCu WAKUC IMPAK 'TORN YuDLShG TIRPE TIRPE YuZhDShchSh YuZhDZShch  
MIPAK ChSWYC YaYFChC IMPAK IMPAK SAWUC IMPAE TIRPE LOTIR IMPAK SAWKU SchWYC ChWYUJ ROGNN BDYaShchSh YuDLShG  
BLOGN YuZhDShchSh TORNE EhZhHZShch MIPAK MSAWU SchWYC SchWYC NGORP IRPEM TIRPE IKPNE MPAEK TIRPE SMAWU  
ChWCKE IKPNE TORNE TIRPE TIRPE OTTRP DZhZShchG BYuDLSh BDLOG IMPAK SchWYC ITMPA SAWUM IRPNE TIRPE BLOGN YuBDLG  
BDLSHG BDLSHG IMPAK 'TORE BDLSHG TORNE IMPAK BLOGO YuZhDShchSh YuZhDShchSh TORNE = K

**13371 kHz, 27-03, 1032 UTC**

4A9W 4A9W 4A9W QTC AR

4A9W 4A9W 4A9W QTC AR

4A9W 4A9W 4A9W QTC AR

4A9W 4A9W 4A9W 371 34 27 1325 371 = ZVM 684 =

NERNU YuYuBPV FVHIF BJWShchK YuLTPS KCKPCh AIYuCE YaYETO HWMXC ChHJKS

NQXYuH KNNPY AMUChC QNQChYa DZKLH FWFUZ MOMYaT YuKDQD YFIHY DEARM

ChUZFK OQZAL CACHH QYAZU YaEKIP KYHIL ECShchZC IZGNW OEGOF KPJNM WUPEP 528 K

### M32a - Russian Navy

RMP: navy Kaliningrad

RHM81: landing ship Korolyov

RJY93: unid vessel

RIT: Russian Navy Severomorsk

**8737 kHz, 06-03, 1022 UTC**

VVV RHM81 RHM81 RHM81

VVV RHM81 RHM81 RH81 DE RMP RMP QSA?

VVV RHM81 RHM81 RH81 DE RMP RMP QSA?

RHM81 DE RMP QSU1 QSX 47 85 QWH 4118 K

RMP RK

**8737 kHz, 06-03, 1042 UTC**

RHM81 DE RMP K

RHM81 DE RMP K

VVV RHM81 RHM81 RH81 DE RMP RMP QSA?

RMP QRR3 QDW 5054 K

RMP K

**8737 kHz, 06-03, 1106 UTC**

RHM81 DE RMP K

RMP QRR3 SK K

RMP K

**8737 kHz, 18-03, 1307 UTC, i.p.**

15 =

21292 77046 04934 88248 74139 78430 93344 31760 08236 90551

95826 88415 17025 09853 66604 99455 21099 15968 18018 AR

RJY93 RJY93 RJY93 DE RMP RMP QSA2 QRV K

RMP RPT PBL K

RMP QSL 814 K

10535 kHz, 19-03, 1431 UTC

RDL RDL RDL 90055 06596 90055 06596 90055 06596 K

10535 kHz, 19-03, 1432 UTC

RDL RDL RDL 82649 90278 82649 90278 82649 90278 K

10535 kHz, 19-03, 1450 UTC

RDL RDL RDL 43681 55450 43681 55450 43681 55450 K

**5448//7475 kHz, 19-03, 1001 UTC. RIT: Russian Navy Severomorsk**

RLO de RIT QTC 548 19 1258 34 548 = RADIOPROGNOZ

19031 63003 40000 00001 01218 40010 00002 01218 40011 00005

01218 60015 00006 01218 50014 00102 01218 40011 00001 01824

30009 00002 01824 30010 00001 02824 40014 00006 01824 40013

00102 01824 30010 AR

**8417 kHz, 26-03, 0731 UTC. RMP: Russian navy Kaliningrad**

REO REO REO DE RMP RMP QTC 404 19 26 1025 404 =

DDDDD ORKEQ ChMGWR FSUQYu SOYaMP IGGLI ORAOT NGUYA DTLUQ IUERB

IMYZP BGHGU DBATT OROPC YaGQTCh ZShchChKD LREHT VCKEM WYPYaI =

REO REO REO DE RMP RMP QTC 404 19 26 1025 404 =

DDDDD ORKEQ ChMGWR FSUQYu SOYaMP IGGLI ORAOT NGUYA DTLUQ IUERB

IMYZP BGHGU DBATT OROPC YaGQTCh ZShchChKD LREHT VCKEM WYPYaI AR

**8417 kHz, 26-03, 0751 UTC. RMP: Russian navy Kaliningrad**

REO REO DE RMP RMP QTC 988 25 26 1045 988 =

DDDDD KChFTCh GQIRM MUEIE LDLYaQ CYRGH TDOPS PChPVL LPLHZ BSÜÜCh

ChTGLÜ MQHPÜ ÜIOBT TIVAF CASHchGO NESOT BAHChC UKZSM EWDChF ZQKSI

ZQQFW LEZHR TGIÜG AUMMO WYPWR =

REO REO DE RMP RMP QTC 988 25 26 1045 988 =

DDDDD KChFTCh GQIRM MUEIE LDLYaQ CYRGH TDOPS PChPVL LPLHZ BSÜÜCh

ChTGLÜ MQHPÜ ÜIOBT TIVAF CASHchGO NESOT BAHChC UKZSM EWDChF ZQKSI

ZQQFW LEZHR TGIÜG AUMMO WYPWR AR

**8417 kHz, 26-03, 0817 UTC. RMP: Russian navy Kaliningrad**

REO REO DE RMP RMP QTC 297 21 26 1113 209 =

DDDDD ONQCSH ChGVWF ShchYTUP ShchNLPS GHCAA NLAPE YaNVST QLChChi UBBUQ

OKShchKL ACPRV YIDSO ShchYTUP ShchNLPS GHCAA NLAPE YaNVST QLChChi UBBUQ

WYPWP =

REO REO DE RMP RMP QTC 297 21 26 1113 209 =

DDDDD ONQCSH ChGVWF ShchYTUP ShchNLPS GHCAA NLAPE YaNVST QLChChi UBBUQ

OKShchKL ACPRV YIDSO ShchYTUP ShchNLPS GHCAA NLAPE YaNVST QLChChi UBBUQ

WYPWP AR

**8417 kHz, 26-03, 0806 UTC. RMP: Russian navy Kaliningrad**

RJD69 RJD69 RJD69 DE RMP RMP QRR3 QDW 5865AAA5 =

RJD69 RJD69 RJD69 DE RMP RMP QRR3 QDW 5865AAA5 AR

**8417 kHz, 26-03, 1315 UTC. RMP: Russian navy Kaliningrad**

RJD69 RJD69 RJD69 DE RMP RMP QYT4 QSX 6959 QWH 6059 AR

**8417 kHz, 26-03, 1340 UTC. RMP: Russian navy Kaliningrad**

RJD69 RJD69 RJD69 DE RMP RMP QYT9 QSX 6959 QWH 6059 AR

**8417 kHz, 27-03, 1140 UTC**

REO REO REO DE RMP RMP QTC 340 27 27 1437 340 = SML =

BALTIJSKOE MORE TORMOWOE PREDUPREVDENIE NR 96 28 MARTA PERIOD 02 TIRE 05 ChASOW PO RAJONU 3 OVIDAETSYa

DALXNEJShchEE USILENIE ShVNOGO ShGOZAPATINOGO WETRA 16 TIRE 18 MS =

REO REO REO DE RMP RMP QTC 340 27 27 1437 340 = SML =

BALTIJSKOE MORE TORMOWOE PREDUPREVDENIE NR 96 28 MARTA PERIOD 02 TIRE 05 ChASOW PO RAJONU 3 OVIDAETSYa

DALXNEJShchEE USILENIE ShVNOGO ShGOZAPATINOGO WETRA 16 TIRE 18 MS AR

**8417 kHz, 28-03, 0745 UTC**

REO REO REO DE RMP RMP QTC 205 20 28 1035 205 =

DDDDD AUNWB FEOCF BShchAShQ ZDMHH QHVUYa YUSchQCh THNCY EVShChYa YaOIIM

RACVG NNChChP OKEVShchD ABKLE CGDBG SMLVY KShSTH BWLSZ YKCDV WIPWO =

REO REO REO DE RMP RMP QTC 205 20 28 1035 205 =

DDDDD AUNWB FEOCF BShchAShQ ZDMHH QHVUYa YUSchQCh THNCY EVShChYa YaOIIM

RACVG NNChChP OKEVShchD ABKLE CGDBG SMLVY KShSTH BWLSZ YKCDV WIPWO AR

M32c - Russian Air Force
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8029 kHz, 22-03, 1300, 1320, 1340, 1500, 1520, 1540 UTC: Russian Air Force Bear net. W-marker (R2)

Russian military, T600 traffic
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**9413 kHz, 18-03, 1220 UTC, T600**

Sync 1414bebe952

Session Key: 4c 4a 19 07 61 32 2c 1c 26 1a 54 0d 13 4a 34 68 23 0e 31 32 52 16 0d 1c 52 2c

13 64 70 0d 62 52 54 43 07 23 13 32 32 0b 32 43

43 4a 19 62 4c 13 2c 0b 15 0b 4a 1a 2a 52 0e 4a

32 0d 61 23 2a 13 31 51 0d 2c 51 2c 52 64 32 43

<EOM><EOM><EOM>

**9413 kHz, 18-03, 1220 UTC, T600**

Sync 1414bebe952

Session Key: 23 31 68 64 13 1a 4c 64 1a 64 1c 38 34 4c 54 2a 58 4a 68 68 1c 4a 61 34 54

4c 0d 26 19 43 0e 16 38 23 0b 70 62 46 32 0d 64

58 4a 52 70 07 26 0d 2a 26 51 19 61 46 51 1c 64

16 54 68 51 19 43 4c 13 34 54 54 31 1a [47] 54 70

54 <EOM><EOM><EOM>

**9413 kHz, 18-03, 1225 UTC, T600**

Sync 1414bebe952

Session Key: 64 4a 07 4c 0d 31 2c 2c 38 2c 61 1a 1c 54 61 62 2a 62 25 1c 68 0e 0e 23 2c

64 0e 52 0d 31 1c 2c 07 38 1a 70 15 4c 13 0e 26

2c 2c 4c 13 25 46 0e 0d 34 26 32 4c 19 15 13 4c

31 1a 61 54 4a 52 0e 1a 1c 26 52 1c 1c 58 07 46

34 32 15 43 43 4a 16 31 62 13 13 1c 4c 43 46 07

25 4a 32 38 16 19 1c 2c 46 52 32 70 70 2a 07 23

54 2a 4a 23 0d 1a 61 46 07 62 38 62 31 68 68 52

1c 23 25 54 4c 25 34 16 13 31 26 16 15 23 58 0d

07 52 26 23 25 0e 07 32 32 1a 23 64 0b 32 13 61

34 61 68 31 0e 62 1a 51 62 34 54 1a 13 32 2c 61

1a 13 0d 32 62 26 25 34 19 34 52 16 16 64 34 0b

4a 64 34 34 64 34 0e 46 58 1a 38 4a 54 43 46 16

58 62 23 15 4a 13 13 07 31 26 70 0e 1a 25 62 54

07 23 34 0b 1a 0b 13 31 58 30 0d 38 62 4c 32 64

0e 62 62 51 51 2c 61 25 64 19 54 64 26 2a 25 68

43 26 61 58 <EOM><EOM><EOM>

**9413 kHz, 18-03, 1225 UTC, T600**

Sync 1414bebe952

Session Key: 38 64 4c 13 19 61 61 54 46 52 25 07 19 16 16 62 32 51 4c 19 26 0e 52 1a

68 54 <EOM><EOM><EOM>

### 9413 kHz, 18-03, 1223 UTC, T600

Sync 1414bebe952

Session Key: 16 2a 23 16 4a 31 61 51 15 34 31 13 34 16 58 46 1a 25 0d 46 25 2a 0b 0b 2a

51 31 1c 43 52 2c 61 38 38 07 64 32 54 51 58 1a  
62 16 38 1c 1c 13 16 51 15 46 07 51 0d 43 31 0d  
54 07 1c 51 1a 70 64 34 07 34 4a 1a 58 4c 1c 64  
07 54 26 52 4c 23 51 52 34 19 32 43 07 13 25 31  
0e 16 2a 31 64 07 54 19 46 51 0e 4c 2a 16 0d 58  
52 4a 15 61 1c 1c 43 23 15 58 61 1c 2a 46 31 25  
1c 0d 1a 07 07 07 70 38 1c 51 16 16 51 1c 23 07  
16 26 2a 62 46 31 43 26 64 54 0d 25 64 1a 61 34  
15 0e 15 0e 2a 68 13 62 38 13 19 2a 58 46 1a 43  
0d 26 07 4c 4c 4c 25 34 0d 54 68 54 0e 68 38 31  
52 70 51 46 51 26 61 62 0e 61 26 64 31 64 2c 16  
52 0b 62 26 19 2c 4a 64 0e 0b 4a 58 23 0e 15 61  
58 0d 68 64 1a 62 43 32 0e 52 13 1a 54 68 4a 43  
34 46 32 4a 0d 19 1c 0e 68 4a 26 38 61 32 68 0d  
19 52 68 54 51 4c 15 0e 54 4c 16 2a 2a 61 51 2a  
26 64 26 0e 25 58 43 1c 0b 32 19 25 54 16 32 0b  
32 13 64 4c 13 07 43 0d 1c 1c 23 4c 0e 23 52 64  
13 4c 54 23 25 07 51 0e 31 64 68 3c 6c 43 19 70  
1a 51 62 1c 0e 51 38 15 31 68 1a 4c 23 4c 31 19  
13 34 4a 68 52 43 61 43 31 23 23 46 32 4c 15 26  
16 46 1a 62 07 62 2a 25 19 34 2c 2c 25 51 0d 70  
15 62 62 1c 4c 07 25 32 13 2a 4a 58 23 62 0b 62  
0e 68 70 1a 26 2c 64 19 1a 54 1a 26 1c 0e 31 54  
16 0b 70 31 16 31 0e 1c 2a 46 54 31 1a 2a 1a 34  
13 0d 25 38 23 26 4a 38 51 43 38 32 64 43 4a 4c  
70 31 64 70 70 54 0d 51 23 2a 38 58 31 26 07 26  
0b 31 62 68 4a 70 4a 52 26 32 4a 0b 31 4c 38 46  
52 58 2c 64 0e 0e 32 34 13 25 46 31 62 26 25 32  
43 2a 61 25 0d 16 23 19 70 2c 4c 07 07 25 13 34  
68 16 46 23 1a 19 23 0d 51 31 15 62 2a 61 13 62  
46 43 70 0b 4a 62 07 0d 64 51 46 0d 46 0d 0d 31  
32 54 32 51 0e 25 0b 34 13 43 <EOM><EOM><EOM>

### 9413 kHz, 18-03, 1228 UTC, T600

Sync 1414bebe952

Session Key: 26 52 0e 64 31 19 1c 68 4a 15 64 07 58 2a 16 70 19 16 43 0b 0e 0e 61 70 07

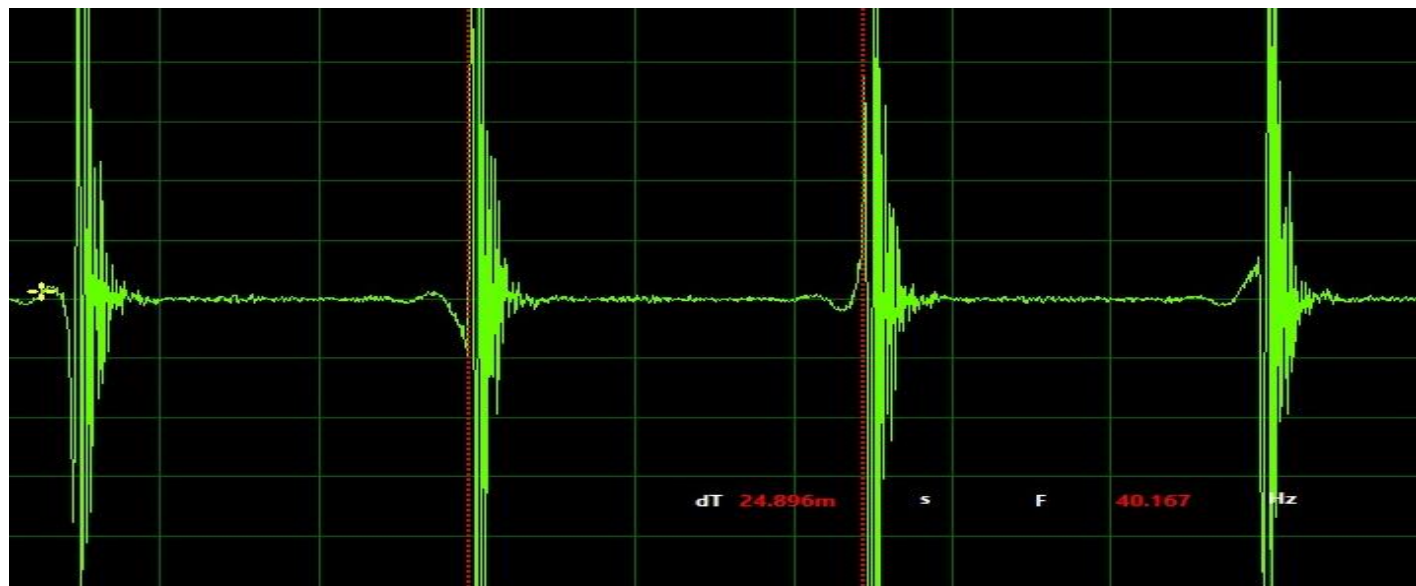
13 58 46 38 52 1c 0e 61 38 64 34 4a 15 4a 68 4c  
43 16 62 0d 13 34 23 4a 46 31 1c 61 4c 43 26 31  
68 46 <EOM><EOM><EOM>

### 9413 kHz, 18-03, 1228 UTC, T600

Sync 1414bebe952

Session Key: 26 52 0e 64 31 19 1c 68 4a 15 64 07 58 2a 16 70 19 16 43 0b 0e 0e 61 70 07

13 58 46 38 52 1c 0e 61 38 64 34 4a 15 4a 68 4c  
43 16 62 0d 13 34 23 4a 46 31 1c 61 4c 43 26 31  
68 46 <EOM><EOM><EOM>



Radar with 40 sweeps per second



## LOGS SECTION

Code	Freq	Date	UTC	Day	Details	Mode	Contributor
---	4940	2-3	1438	Tue	Tros-28 ya Baron-78, Baklan - ALLILUJShchIK 5903 SAFRONIT 6382 4578	USB	(Gwr)
---	4940	2-3	1555	Tue	Baron-78 was listening to S30's CW channel on 5911 kHz. Audible via open mic: XXX XXX JVB1 JVB1 10373 DISKETKA 0488 2200 ZhMYHOWYJ 3050 1469 K	CW	(Gwr)
---	5911	2-3	1555	Tue	XXX XXX JVB1 JVB1 10373 DISKETKA 0488 2200 ZhMYHOWYJ 3050 1469 K (S30's CW channel)	CW	(Gwr)
---	4735	4-3	0800	Thu	VVVVV PROMRÖ = 04 03 = 1000 0600 0650 0810 1080 ... 0800 0520 0570 0710 1080 = AR	CW	(AB-GRC)
---	4940	4-3	1247	Thu	Tros-28 ya Baron-78, Balkan û 75907 ROGOV 6686 4536	USB	(Gwr)
---	4310	9-3	1202	Tue	Vozduh, Ohvat-98 50016 TShchYeTA 2197 1340	USB	(Gwr)
---	4940	9-3	1342	Tue	Tros-28 ya Baron-78 Baklan 77754 BORTChYeN 9997 7038 (she didn't even bother reading the phonetics for this one)	USB	(Gwr)
---	4940	10-3	1312	Wed	Tros-28 ya Baron-78, Baklan - 24259 DVOROLYeD 3879 7903	USB	(Gwr)
---	4940	10-3	1332	Wed	Tros-28 ya Baron-78, Baklan - 10594 OBOLOVAN 0100 7060 ABOLICIYa 4354 2518 (same number groups as previous pip message (barring 7557/7060 but very close)	USB	(Gwr)
---	4735	12-3	0800	Fri	VVVVV PROMRÖ = = 1000 0560 0610 0760 1150 ... 0800 0500 0450 0690 1050 = AR	CW	(AB-GRC)
---	6981	12-3	1125	Fri	Katok-67 calling for Buran-27	USB	(Gwr)
---	5372	12-3	1320	Fri	N'ZhJ 00283 BRYaKOVtUZ 7503 5807 (timestamp given as 1304z, but no preceeding S30 or S32 messages, very rare)	USB	(Gwr)
---	5372	12-3	1357	Fri	N'ZhJ YaLOHOR 209	USB	(Gwr)
---	4310	12-3	1404	Fri	Vozduh Ohvat-98 37208 YeDIN 5314 6427	USB	(Gwr)
---	4940	12-3	1509	Fri	Baron-78 for Tros-28, except she didn't even bother reading any callsigns: Baklan 05387 BUTCY 9005 2248	USB	(Gwr)
---	5372	12-3	1516	Fri	N'ZhJ 02813 KOKODUH 7079 9409	USB	(Gwr)
---	4735	14-3	0800	Sun	VVV VVV PROMRÖ = 14 03 = 1000 0560 0610 0760 1150 ... 0800 0510 0550 0690 1050 = AR	CW	(AB-ROU)
---	4940	15-3	1244	Mon	Tros-28 ya Baron-78, Baklan - 57881 LINCOBIMS 2742 9683 (no channel marker)	USB	(Gwr)
---	4670	15-3	1400	Mon	Strela-18 checking connection with Zenit and Berkut	USB	(Gwr)
---	5372	16-3	0958	Tue	N'ZhJ ShchITONARY 160	USB	(Gwr)
---	4940	16-3	1142	Tue	Tros-28 ya Baron-78, Baklan - 57178 BLUZON 0959 4428	USB	(Gwr)
---	5372	16-3	1156	Tue	N'ZhJ 98656 NAPYeRSNICA 0815 4534	USB	(Gwr)
---	6610.5	17-3	1040	Wed	Zebra-37 central, net including Storozh-21 and Penza-68, Storozh-62 and Penza-07 being Squeaky Wheel units	USB	(Gwr)
---	4940	17-3	1210	Wed	Tros-28 ya Baron-78, Baklan - 58559 ZHIROCINK 8857 6749 (timestamp given was Squeaky Wheel timestamp, usually Baron mirrors Pip timestamps)	USB	(Gwr)
---	5320.5	17-3	1210	Wed	Saraj-96 central: Freza-56, Gaika-76	USB	(Gwr)
---	6913	19-3	0908	Fri	radiogram from Pip hub: Ya Gipnoz-31 primite radiogramma 347 25 19 1130 347 / 450 / 28120 50348 78108 64627 ... 18465 57605 19024 priyom	USB	(Gwr)
---	5372	19-3	1036	Fri	N'ZhJ SBYTOSYeV 112	USB	(Gwr)



---	4310	19-3	1400	Fri	Vozduh - Ohvat-98 35678 VYeNTA 8030 9478	USB	(Gwr)
---	4310	19-3	1409	Fri	Vozduh - Ohvat-98 16140 SOYuZ 6176 7907	USB	(Gwr)
---	7055	19-3	1723	Fri	Russian-Ukrainian radio war. Messages in English and Russian, foul language, water-fall texts, jamming, loop transmissions.	LSB	(AB)
---	4735	20-3	0800	Sat	VVVVV PROMRÖ = 21 03 = 1000 0550 0600 0740 1110 ... 0800 0500 0550 0680 1030 = AR (wrong date)	CW	(AB-ROU)
---	7055	20-3	1200	Sat	Russian-Ukrainian radio war. Excerpts from radio programs. Messages in English and Russian	LSB	(AB)
---	4735	21-3	0800	Sun	VVVV PROMRÖ = 21 03 = 1000 0550 0600 0730 1100 ... 0800 0500 0550 0680 1030 = AR	CW	(AB-HNG)
---	4735	23-3	0802	Tue	VVVVV PROMRÖ = 23 03 = 1000 0550 0590 0740 1110 ... 0800 0500 0550 0680 1030 = AR	CW	(AB-HNG)
---	4940	25-3	1240	Thu	Tros-28 ya Baron-78, Vozduh Baklan - 87951 DRAPOVYeYeR 3894 5228	USB	(Gwr)
---	4940	25-3	1325	Thu	Tros-28 ya Baron-78, Baklan - 80349 OSYeN' 3268 1919	USB	(Gwr)
---	7055	25-3	1435	Thu	Russian-Ukrainian radio war. Excerpts from radio programs. Anti Russia propaganda	LSB	(AB)
---	7055	26-3	1720	Fri	Russian-Ukrainian radio war. Loop transmissions. Anti Russia propaganda	LSB	(AB)
---	4735	27-3	0800	Sat	VVVVV PROMRÖ = 27 03 = 1000 0560 0600 0740 1120 ... 0800 0510 0550 0690 1040 = AR	CW	(AB-ROU)
---	7039.6	28-3	1402	Sun	Unid beacon. Battery telemetry for 1 minute, every 20 minutes: 136V 136V 136V etc.	CW	(AB)
---	7039.6	29-3	0522	Mon	Unid beacon. Battery telemetry for 1 minute, every 20 minutes: 121V 121V 121V etc.	CW	(AB)
---	4735	29-3	0700	Mon	VVV VVV PROMRÖ = 29 03 = 1000 0570 0610 0750 1130 ... 0800 0510 0560 0690 1050 = AR	CW	(AB-GRC)
---	7039.6	30-3	0722	Tue	Unid beacon. Battery telemetry for 1 minute, every 20 minutes: 118V 118V 118V etc.	CW	(AB)
---	4735	31-3	0700	Wed	VVVVV PROMRÖ = 31 03 = 1000 0570 0620 0760 1130 ... 0800 0510 0560 0690 1050 = AR	CW	(AB-ROU)
<b>DPRK</b>	16254	3-3	1308	Wed	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
<b>DPRK</b>	12205	9-3	0836	Tue	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
<b>DPRK</b>	16252	12-3	1353	Fri	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
<b>DPRK</b>	14415	12-3	1356	Fri	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
<b>DPRK</b>	12203	12-3	1358	Fri	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
<b>DPRK</b>	12205	19-3	1335	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
<b>DPRK</b>	14415	19-3	1335	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
<b>DPRK</b>	12588	19-3	1336	Fri	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
<b>DPRK</b>	11048	19-3	1404	Fri	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
<b>DPRK</b>	11138	19-3	1428	Fri	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
<b>DPRK</b>	15860	30-3	0600	Tue	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
<b>E06</b>	16230	4-3	0600	Thu	864 362 50 22668 25198 41517 ... 54043 24163 49680 372 50 00000	USB	(AB-KWT)
<b>E06</b>	19325	4-3	0700	Thu	864 362 50 22668 25198 41517 ... 54043 24163 49680 372 50 00000	USB	(AB-RUS)
<b>E06</b>	5186	4-3	2030	Thu	891 501 20 73555 37916 86854 ... 59138 09874 89703 501 20 00000	USB	(AB)
<b>E06</b>	16230	5-3	0600	Fri	864 362 50 22668 25198 41517 ... 54043 24163 49680 372 50 00000	USB	(AB-KWT)
<b>E06</b>	19325	5-3	0700	Fri	864 362 50 22668 25198 41517 ... 54043 24163 49680 372 50 00000	USB	(AB-RUS)
<b>E06</b>	5197	5-3	2130	Fri	634 501 20 73555 37916 86854 ... 59138 09874 89703 501 20 00000	USB	(AB)
<b>E06</b>	15726	11-3	0300	Thu	361 ...	USB	(HFD)

E06	16230	18-3	0600	Thu	864 791 52 95753 82757 62816 ... 61670 28810 10892 791 52 000	USB	(AB-RUS/HFD-RUS)
E06	19325	18-3	0700	Thu	864 791 52 95753 82757 62816 ... 61670 28810 10892 791 52 000	USB	(AB-KWT/HFD-RUS)
E06	15726	19-3	0300	Fri	361 257 48 34778 ...	USB	(HFD-RUS)
E06	13384	19-3	0400	Fri	361 257 48 34778 ...	USB	(HFD-RUS)
E06	16230	19-3	0600	Fri	864 791 52 95753 82757 62816 ... 61670 28810 10892 791 52 000	USB	(AB-RUS)
E06	19325	19-3	0700	Fri	864 791 52 95753 82757 62816 ... 61670 28810 10892 791 52 000	USB	(AB-KWT)
E06	6792	29-3	0943	Mon	i.p. probably after a restart 910 (R) 03478 69817 30138 39519 73673 624 31 00000	USB	(kalv)
E07	10651	1-3	2000	Mon	616 616 616 1 599 92 599 92 75552 51073 26561 ... 78282 13038 71370 000 000	USB	(AB-RUS/HFD)
E07	9151	1-3	2020	Mon	616 616 616 1 599 92 599 92 75552 51073 26561 ... 78282 13038 71370 000 000	USB	(AB/HFD)
E07	7651	1-3	2040	Mon	616 616 616 1 599 92 599 92 75552 51073 26561 ... 78282 13038 71370 000 000	USB	(AB/HFD)
E07	14942	2-3	0700	Tue	310 310 310 000	USB	(AB-RUS)
E07	16142	2-3	0720	Tue	310 310 310 000	USB	(AB-RUS)
E07	10321	3-3	1800	Wed	318 318 318 000	USB	(AB-RUS/MPJ/HFD)
E07	9121	3-3	1820	Wed	318 318 318 000	USB	(AB-RUS/MPJ/HFD)
E07	10651	3-3	2000	Wed	616 616 616 1 599 92 599 92 75552 51073 26561 ... 78282 13038 71370 000 000	USB	(AB-RUS)
E07	9151	3-3	2020	Wed	616 616 616 1 599 92 599 92 75552 51073 26561 ... 78282 13038 71370 000 000	USB	(AB-RUS)
E07	7651	3-3	2040	Wed	616 616 616 1 599 92 599 92 75552 51073 26561 ... 78282 13038 71370 000 000	USB	(AB-RUS)
E07	16284	4-3	1410	Thu	328 328 328 1 103 100 103 100 15948 53124 90886 ... 50899 56850 21199 000 000	USB	(AB-KWT/MPJ/HFD)
E07	14854	4-3	1430	Thu	328 328 328 1 103 100 103 100 15948 53124 90886 ... 50899 56850 21199 000 000	USB	(AB-KWT/MPJ/HFD)
E07	13384	4-3	1450	Thu	328 328 328 1 103 100 103 100 15948 53124 90886 ... 50899 56850 21199 000 000	USB	(AB/MPJ/HFD)
E07	14942	5-3	0700	Fri	310 310 310 000	USB	(AB/HFD)
E07	16142	5-3	0720	Fri	310 310 310 000	USB	(AB-RUS/HFD-RUS)
E07	12143	6-3	1400	Sat	114 114 114 000	USB	(AB/MPJ/HFD)
E07	16284	6-3	1410	Sat	328 328 328 1 103 100 103 100 15948 53124 90886 ... 50899 56850 21199 000 000	USB	(AB/MPJ/HFD)
E07	11143	6-3	1420	Sat	114 114 114 000	USB	(AB/MPJ/HFD)
E07	14854	6-3	1430	Sat	328 328 328 1 103 100 103 100 15948 53124 90886 ... 50899 56850 21199 000 000	USB	(AB-RUS/MPJ/HFD)
E07	13384	6-3	1450	Sat	328 328 328 1 103 100 103 100 15948 53124 90886 ... 50899 56850 21199 000 000	USB	(AB/MPJ/HFD)
E07	10268	7-3	0700	Sun	201 201 201 000	USB	(AB/HFD)
E07	11068	7-3	0720	Sun	201 201 201 000	USB	(AB/HFD)
E07	10321	7-3	1800	Sun	318 318 318 000	USB	(AB/MPJ)
E07	9121	7-3	1820	Sun	318 318 318 000	USB	(AB/MPJ)
E07	14942	9-3	0700	Tue	310 310 310 1 8208 93 8208 93 85940 99281 50008 ... 63200 41780 26419 000 000	USB	(AB-KWT)
E07	16142	9-3	0720	Tue	310 310 310 1 8208 93 8208 93 85940 99281 50008 ... 63200 41780 26419 000 000	USB	(AB-KWT)
E07	18042	9-3	0740	Tue	310 310 310 1 8208 93 8208 93 85940 99281 50008 ... 63200 41780 26419 000 000	USB	(AB-KWT)
E07	10321	10-3	1800	Wed	318 318 318 000	USB	(AB/MPJ)
E07	9121	10-3	1820	Wed	318 318 318 000	USB	(AB/MPJ)
E07	16284	11-3	1410	Thu	328 328 328 000	USB	(AB/MPJ)
E07	14854	11-3	1430	Thu	328 328 328 000	USB	(AB/MPJ)
E07	14942	12-3	0700	Fri	310 310 310 1 8208 93 8208 93 85940 99281 50008 ... 63200 41780 26419 000 000	USB	(AB/HFD)
E07	16142	12-3	0720	Fri	310 310 310 1 8208 93 8208 93 85940 99281 50008 ... 63200 41780 26419 000 000	USB	(AB/HFD)
E07	18042	12-3	0740	Fri	310 310 310 1 8208 93 8208 93 85940 99281 50008 ... 63200 41780 26419 000 000	USB	(AB/HFD)
E07	12143	13-3	1400	Sat	114 114 114 1 946 40 946 40 22758 71845 85723 ... 05400 18923 39150 000 000	USB	(AB/MPJ)

E07	16284	13-3	1410	Sat	328 328 328 000	USB	(AB/MPJ)
E07	11143	13-3	1420	Sat	114 114 114 1 946 40 946 40 22758 71845 85723 ... 05400 18923 39150 000 000	USB	(AB/MPJ)
E07	14854	13-3	1430	Sat	328 328 328 000	USB	(AB/MPJ)
E07	10443	13-3	1440	Sat	114 114 114 1 946 40 946 40 22758 71845 85723 ... 05400 18923 39150 000 000	USB	(AB/MPJ)
E07	10268	14-3	0700	Sun	201 201 201 1 946 40 946 40 22758 71845 85723 ... 05400 18923 39150 000 000	USB	(AB)
E07	11068	14-3	0720	Sun	201 201 201 1 946 40 946 40 22758 71845 85723 ... 05400 18923 39150 000 000	USB	(AB)
E07	12168	14-3	0740	Sun	201 201 201 1 946 40 946 40 22758 71845 85723 ... 05400 18923 39150 000 000	USB	(AB)
E07	10321	14-3	1800	Sun	318 318 318 000	USB	(AB)
E07	9121	14-3	1820	Sun	318 318 318 000	USB	(AB)
E07	14942	16-3	0700	Tue	310 310 310 000	USB	(AB-KWT)
E07	16142	16-3	0720	Tue	310 310 310 000	USB	(AB-KWT)
E07	10321	17-3	1800	Wed	318 318 318 1 504 103 504 103 16044 33546 79847 ... 35247 86609 90311 000 000	USB	(AB/MPJ)
E07	9121	17-3	1820	Wed	318 318 318 1 504 103 504 103 16044 33546 79847 ... 35247 86609 90311 000 000	USB	(AB/MPJ)
E07	7821	17-3	1840	Wed	318 318 318 1 504 103 504 103 16044 33546 79847 ... 35247 86609 90311 000 000	USB	(AB/MPJ)
E07	16284	18-3	1410	Thu	328 328 328 1 541 152 541 152 81668 25339 54241 ... 26511 96537 69567 000 000	USB	(AB-KWT/MPJ)
E07	14854	18-3	1430	Thu	328 328 328 1 541 152 541 152 81668 25339 54241 ... 26511 96537 69567 000 000	USB	(AB/MPJ)
E07	13384	18-3	1450	Thu	328 328 328 1 541 152 541 152 81668 25339 54241 ... 26511 96537 69567 000 000	USB	(AB/MPJ)
E07	14942	19-3	0700	Fri	310 310 310 000	USB	(AB-KWT)
E07	16142	19-3	0720	Fri	310 310 310 000	USB	(AB-KWT)
E07	12143	20-3	1400	Sat	114 114 114 1 946 40 946 40 22758 71845 85723 ... 05400 18923 39150 000 000	USB	(AB/MPJ)
E07	16284	20-3	1410	Sat	328 328 328 1 541 152 541 152 81668 25339 54241 ... 26511 96537 69567 000 000	USB	(AB-QAT/MPJ)
E07	11143	20-3	1420	Sat	114 114 114 1 946 40 946 40 22758 71845 85723 ... 05400 18923 39150 000 000	USB	(AB/GHn/MPJ)
E07	14854	20-3	1430	Sat	328 328 328 1 541 152 541 152 81668 25339 54241 ... 26511 96537 69567 000 000	USB	(AB/MPJ)
E07	10443	20-3	1440	Sat	114 114 114 1 946 40 946 40 22758 71845 85723 ... 05400 18923 39150 000 000	USB	(AB/MPJ)
E07	13384	20-3	1450	Sat	328 328 328 1 541 152 541 152 81668 25339 54241 ... 26511 96537 69567 000 000	USB	(AB/MPJ)
E07	10268	21-3	0700	Sun	201 201 201 1 946 40 946 40 22758 71845 85723 ... 05400 18923 39150 000 000	USB	(AB)
E07	11068	21-3	0720	Sun	201 201 201 1 946 40 946 40 22758 71845 85723 ... 05400 18923 39150 000 000	USB	(AB)
E07	12168	21-3	0740	Sun	201 201 201 1 946 40 946 40 22758 71845 85723 ... 05400 18923 39150 000 000	USB	(AB)
E07	10321	21-3	1800	Sun	318 318 318 1 504 103 504 103 16044 33546 79847 ... 35247 86609 90311 000 000	USB	(AB)
E07	9121	21-3	1820	Sun	318 318 318 1 504 103 504 103 16044 33546 79847 ... 35247 86609 90311 000 000	USB	(AB)
E07	7821	21-3	1840	Sun	318 318 318 1 504 103 504 103 16044 33546 79847 ... 35247 86609 90311 000 000	USB	(AB)
E07	14942	23-3	0700	Tue	310 310 310 1 8172 88 8172 88 74364 21188 20273 ... 18067 52647 96347 000 000	USB	(AB-KWT)
E07	16142	23-3	0720	Tue	310 310 310 1 8172 88 8172 88 74364 21188 20273 ... 18067 52647 96347 000 000	USB	(AB-KWT)
E07	18042	23-3	0740	Tue	310 310 310 1 8172 88 8172 88 74364 21188 20273 ... 18067 52647 96347 000 000	USB	(AB-KWT)
E07	10321	24-3	1800	Wed	318 318 318 000	USB	(AB)
E07	9121	24-3	1820	Wed	318 318 318 000	USB	(AB)
E07	16284	25-3	1410	Thu	328 328 328 000	USB	(AB-KWT/MPJ)
E07	14854	25-3	1430	Thu	328 328 328 000	USB	(AB-KWT/GHn/MPJ)
E07	14942	26-3	0700	Fri	310 310 310 1 8172 88 8172 88 74364 21188 20273 ... 18067 52647 96347 000 000	USB	(AB-KWT)
E07	16142	26-3	0720	Fri	310 310 310 1 8172 88 8172 88 74364 21188 20273 ... 18067 52647 96347 000 000	USB	(AB-KWT)
E07	18042	26-3	0740	Fri	310 310 310 1 8172 88 8172 88 74364 21188 20273 ... 18067 52647 96347 000 000	USB	(AB-KWT)
E07	12143	27-3	1400	Sat	114 114 114 1 946 40 946 40 22758 71845 85723 ... 05400 18923 39150 000 000	USB	(AB/MPJ)

<b>E07</b>	16284	27-3	1410	Sat	328 328 328 000	USB	(AB-QAT/MPJ)
<b>E07</b>	11143	27-3	1420	Sat	114 114 114 1 946 40 946 40 22758 71845 85723 ... 05400 18923 39150 000 000	USB	(AB/MPJ)
<b>E07</b>	14854	27-3	1430	Sat	328 328 328 000	USB	(AB-QAT/MPJ)
<b>E07</b>	10443	27-3	1440	Sat	114 114 114 1 946 40 946 40 22758 71845 85723 ... 05400 18923 39150 000 000	USB	(AB/MPJ)
<b>E07</b>	10268	28-3	0700	Sun	201 201 201 1 946 40 946 40 22758 71845 85723 ... 05400 18923 39150 000 000	USB	(AB)
<b>E07</b>	11068	28-3	0720	Sun	201 201 201 1 946 40 946 40 22758 71845 85723 ... 05400 18923 39150 000 000	USB	(AB)
<b>E07</b>	12168	28-3	0740	Sun	201 201 201 1 946 40 946 40 22758 71845 85723 ... 05400 18923 39150 000 000	USB	(AB)
<b>E07</b>	10321	28-3	1800	Sun	318 318 318 000	USB	(AB)
<b>E07</b>	9121	28-3	1820	Sun	318 318 318 000	USB	(AB)
<b>E07</b>	14942	30-3	0700	Tue	310 310 310 000	USB	(AB-RUS)
<b>E07</b>	16142	30-3	0720	Tue	310 310 310 000	USB	(AB-RUS)
<b>E07</b>	10321	31-3	1800	Wed	318 318 318 000	USB	(AB/MPJ)
<b>E07</b>	9121	31-3	1820	Wed	318 318 318 000	USB	(AB/MPJ)
<b>E07a</b>	5877	3-3	2100	Wed	825 825 825 1 62588 338 87 338 87 21445 79124 90119 ... 74879 59598 82538 000 000	USB	(AB/HFD-RUS)
<b>E07a</b>	5277	3-3	2120	Wed	825 825 825 1 62588 338 87 338 87 21445 79124 90119 ... 74879 59598 82538 000 000	USB	(AB/HFD-RUS)
<b>E07a</b>	4577	3-3	2140	Wed	825 825 825 1 62588 338 87 338 87 21445 79124 90119 ... 74879 59598 82538 000 000	USB	(AB/HFD)
<b>E07a</b>	6922	4-3	0530	Thu	913 913 913 1 62588 338 87 338 87 21445 79124 90119 ... 74879 59598 82538 000 000	USB	(AB)
<b>E07a</b>	8122	4-3	0550	Thu	913 913 913 1 62588 338 87 338 87 21445 79124 90119 ... 74879 59598 82538 000 000	USB	(AB)
<b>E07a</b>	9322	4-3	0610	Thu	913 913 913 1 62588 338 87 338 87 21445 79124 90119 ... 74879 59598 82538 000 000	USB	(AB)
<b>E07a</b>	11473	5-3	1610	Fri	413 413 413 1 63699 9360 96 9360 96 63740 28375 14040 ... 15577 62185 20501 000 000	USB	(AB/MPJ/HFD)
<b>E07a</b>	10173	5-3	1630	Fri	413 413 413 1 63699 9360 96 9360 96 63740 28375 14040 ... 15577 62185 20501 000 000	USB	(AB/MPJ/HFD)
<b>E07a</b>	9373	5-3	1650	Fri	413 413 413 1 63699 9360 96 9360 96 63740 28375 14040 ... 15577 62185 20501 000 000	USB	(AB/MPJ/HFD)
<b>E07a</b>	11133	6-3	0900	Sat	114 114 114 1 63699 9360 96 9360 96 63740 28375 14040 ... 15577 62185 20501 000 000	USB	(AB/HFD)
<b>E07a</b>	12133	6-3	0920	Sat	114 114 114 1 63699 9360 96 9360 96 63740 28375 14040 ... 15577 62185 20501 000 000	USB	(AB/HFD)
<b>E07a</b>	13433	6-3	0940	Sat	114 114 114 1 63699 9360 96 9360 96 63740 28375 14040 ... 15577 62185 20501 000 000	USB	(AB/HFD)
<b>E07a</b>	5877	10-3	2100	Wed	825 825 825 000	USB	(AB)
<b>E07a</b>	5277	10-3	2120	Wed	825 825 825 000	USB	(AB)
<b>E07a</b>	6922	11-3	0530	Thu	913 913 913 000	USB	(AB)
<b>E07a</b>	8122	11-3	0550	Thu	913 913 913 000	USB	(AB)
<b>E07a</b>	11473	12-3	1610	Fri	413 413 413 000	USB	(AB/MPJ)
<b>E07a</b>	10173	12-3	1630	Fri	413 413 413 000	USB	(AB/MPJ)

E07a	11133	13-3	0900	Sat	114 114 114 000	USB	(AB)
E07a	12133	13-3	0920	Sat	114 114 114 000	USB	(AB)
E07a	5877	17-3	2100	Wed	825 825 825 000	USB	(AB/RL)
E07a	5277	17-3	2120	Wed	825 825 825 000	USB	(AB/RL)
E07a	4799	18-3	0530	Thu	913 913 913 000	USB	(AB)
E07a	8122	18-3	0550	Thu	913 913 913 000	USB	(AB)
E07a	11473	19-3	1610	Fri	413 413 413 000	USB	(AB)
E07a	10173	19-3	1630	Fri	413 413 413 000	USB	(AB)
E07a	11133	20-3	0900	Sat	114 114 114 000	USB	(AB)
E07a	12133	20-3	0920	Sat	114 114 114 000	USB	(AB)
E07a	5877	24-3	2100	Wed	825 825 825 000	USB	(AB)
E07a	5277	24-3	2120	Wed	825 825 825 000	USB	(AB)
E07a	6922	25-3	0530	Thu	913 913 913 000	USB	(AB)
E07a	8122	25-3	0550	Thu	913 913 913 000	USB	(AB)
E07a	11473	26-3	1610	Fri	413 413 413 000	USB	(AB/GHn/MPJ)
E07a	10173	26-3	1630	Fri	413 413 413 000	USB	(AB/MPJ)
E07a	11133	27-3	0900	Sat	114 114 114 000	USB	(AB)
E07a	12133	27-3	0920	Sat	114 114 114 000	USB	(AB)
E07a	5877	31-3	2100	Wed	825 825 825 000	USB	(AB)
E07a	5277	31-3	2120	Wed	825 825 825 000	USB	(AB)
E11	12153	1-3	0640	Mon	946/00	USB	(AB/HFD)
E11	10213	1-3	0745	Mon	264/00	USB	(AB/HFD)
E11	12153	1-3	0830	Mon	189/00	USB	(AB/HFD)
E11	12153	1-3	0830	Mon	189/00	USB	(HFD)
E11	12202	1-3	0845	Mon	716/00	USB	(AB/HFD)
E11	8180	1-3	0900	Mon	530/00	USB	(AB/HFD)
E11	5737	1-3	1530	Mon	522/00	USB	(AB/MPJ/HFD)
E11	7317	1-3	1900	Mon	644/00	USB	(AB-POL/MPJ/HFD)
E11	10800	2-3	0645	Tue	510/00	USB	(AB/HFD)
E11	8180	2-3	0700	Tue	576/00	USB	(AB/HFD)
E11	9963	2-3	0715	Tue	633/00	USB	(AB/HFD)
E11	14865	2-3	0745	Tue	227/00	USB	(AB/HFD)
E11	19184	2-3	0820	Tue	136/00	USB	(AB-POL/HFD-POL)
E11	7317	2-3	1000	Tue	307/00	USB	(AB/HFD)
E11	6923	2-3	1205	Tue	461/00	USB	(AB/HFD)
E11	5082	2-3	1605	Tue	238/00	USB	(AB/HFD)
E11	12153	3-3	0640	Wed	941/00	USB	(AB)
E11	19184	3-3	0820	Wed	132/00	USB	(AB-POL)
E11	12202	3-3	0845	Wed	716/00	USB	(AB)
E11	8180	3-3	0900	Wed	536/00	USB	(AB)
E11	4181	3-3	1910	Wed	393/00	USB	(Danix)
E11	10800	4-3	0645	Thu	515/00	USB	(AB)

E11	14865	4-3	0745	Thu	224/00	USB	(AB-POL)
E11	5149	4-3	0820	Thu	438/00	USB	(AB/HFD)
E11	10330	4-3	1530	Thu	262/00	USB	(AB/MPJ/HFD)
E11	7317	4-3	1900	Thu	646/00	USB	(AB-POL/MPJ)
E11	8180	5-3	0700	Fri	579/00	USB	(AB)
E11	9963	5-3	0715	Fri	634/00	USB	(AB)
E11	5149	5-3	0820	Fri	439/00	USB	(AB/HFD)
E11	12153	5-3	0830	Fri	185/00	USB	(AB)
E11	7317	5-3	1000	Fri	309/00	USB	(AB)
E11	5737	5-3	1530	Fri	528/00	USB	(AB/MPJ)
E11	11116	5-3	1650	Fri	929/00	USB	(AB/MPJ/HFD)
E11	8530	5-3	1910	Fri	612/00	USB	(AB/MPJ/HFD)
E11	8530	5-3	1910	Fri	612/00	USB	(HFD)
E11	8102	6-3	0710	Sat	496/00	USB	(AB/HFD)
E11	5371	6-3	0805	Sat	312/00	USB	(AB/HFD)
E11	4181	6-3	1910	Sat	393/00	USB	(AB/MPJ/HFD)
E11	8102	7-3	0710	Sun	496/00	USB	(AB/HFD)
E11	5371	7-3	0805	Sun	312/00	USB	(AB/HFD)
E11	5082	7-3	1605	Sun	232/00	USB	(AB/MPJ)
E11	11116	7-3	1650	Sun	925/00	USB	(AB/MPJ)
E11	8530	7-3	1910	Sun	616/00	USB	(AB/MPJ/HFD)
E11	12153	8-3	0640	Mon	940/00	USB	(AB)
E11	10213	8-3	0745	Mon	262/00	USB	(AB)
E11	12202	8-3	0845	Mon	714/00	USB	(AB)
E11	8180	8-3	0900	Mon	538/00	USB	(AB)
E11	7317	8-3	1045	Mon	698/00	USB	(AB)
E11	5737	8-3	1530	Mon	525/00	USB	(AB)
E11	13470	8-3	1745	Mon	240/00	USB	(AB-POL/MPJ)
E11	10800	9-3	0645	Tue	511/00	USB	(AB)
E11	8180	9-3	0700	Tue	571/00	USB	(AB)
E11	12202	9-3	0845	Tue	151/00	USB	(AB)
E11	7317	9-3	1000	Tue	309/00	USB	(AB)
E11	6923	9-3	1205	Tue	461/00	USB	(AB/MPJ)
E11	14972	9-3	1345	Tue	919/00	USB	(AB/MPJ)
E11	5082	9-3	1605	Tue	237/00	USB	(AB/MPJ)
E11	12153	10-3	0640	Wed	944/00	USB	(AB)
E11	17410	10-3	0745	Wed	340/00	USB	(AB)
E11	12202	10-3	0845	Wed	714/00	USB	(AB)
E11	8180	10-3	0900	Wed	533/00	USB	(AB)
E11	6940	10-3	0930	Wed	273/00	USB	(AB)
E11	7317	10-3	1045	Wed	698/00	USB	(AB)
E11	6923	10-3	1205	Wed	464/00	USB	(AB)

E11	6923	10-3	1625	Wed	974/00	USB	(AB/MPJ)
E11	7850	11-3	0315	Thu	258/00	USB	(HFD)
E11	14865	11-3	0745	Thu	227/00	USB	(AB-POL)
E11	12202	11-3	0845	Thu	150/00	USB	(HFD)
E11	6940	11-3	0930	Thu	278/00	USB	(AB)
E11	10330	11-3	1530	Thu	268/00	USB	(AB/MPJ)
E11	7864	11-3	1730	Thu	418/00	USB	(AB)
E11	5779	12-3	0435	Fri	351/00	USB	(HFD)
E11	8180	12-3	0700	Fri	576/00	USB	(AB)
E11	17410	12-3	0745	Fri	346/00	USB	(AB-POL)
E11	7317	12-3	1000	Fri	304/00	USB	(AB)
E11	5737	12-3	1530	Fri	528/00	USB	(AB/MPJ)
E11	11116	12-3	1650	Fri	922/00	USB	(AB/GHn/MPJ)
E11	8102	13-3	0710	Sat	491/00	USB	(AB)
E11	14972	13-3	1345	Sat	918/00	USB	(AB-POL/MPJ)
E11	4505	13-3	1530	Sat	360/00	USB	(AB-POL/MPJ-POL/HFD)
E11	8102	14-3	0710	Sun	496/00	USB	(AB)
E11	4505	14-3	1530	Sun	366/00	USB	(AB/MPJ)
E11	5082	14-3	1605	Sun	232/00	USB	(AB/MPJ)
E11	6923	14-3	1625	Sun	976/00	USB	(AB/MPJ)
E11	11116	14-3	1650	Sun	925/00	USB	(AB)
E11	13470	14-3	1745	Sun	249/00	USB	(AB-POL/MPJ-POL)
E11	5371	15-3	0450	Mon	415/00	USB	(AB-POL)
E11	12153	15-3	0640	Mon	949/00	USB	(AB/HFD)
E11	12202	15-3	0845	Mon	715/00	USB	(AB)
E11	7317	15-3	1045	Mon	692/00	USB	(AB/MPJ)
E11	5737	15-3	1530	Mon	521/00	USB	(AB/MPJ)
E11	13470	15-3	1745	Mon	248/00	USB	(AB-POL/MPJ)
E11	7317	15-3	1900	Mon	649/00	USB	(AB-POL/MPJ)
E11	9963	16-3	0715	Tue	630/00	USB	(AB)
E11	14865	16-3	0745	Tue	229/00	USB	(AB)
E11	19184	16-3	0820	Tue	134/00	USB	(AB-POL)
E11	12202	16-3	0845	Tue	152/00	USB	(AB)
E11	7317	16-3	1000	Tue	300/00	USB	(AB)
E11	6923	16-3	1205	Tue	464/00	USB	(AB/MPJ)
E11	14972	16-3	1345	Tue	919/00	USB	(AB-POL/MPJ-POL)
E11	12153	17-3	0640	Wed	942/00	USB	(AB)
E11	17410	17-3	0745	Wed	348/00	USB	(AB)
E11	19184	17-3	0820	Wed	133/00	USB	(AB-POL)
E11	12202	17-3	0845	Wed	714/00	USB	(AB)
E11	6940	17-3	0930	Wed	275/00	USB	(AB)
E11	7317	17-3	1045	Wed	696/00	USB	(AB)



E11	6923	17-3	1205	Wed	469/00	USB	(AB)
E11	6923	17-3	1625	Wed	974/00	USB	(AB/GHn)
E11	4181	17-3	1910	Wed	396/00	USB	(AB/MPJ)
E11	14865	18-3	0745	Thu	221/00	USB	(AB-POL)
E11	5149	18-3	0820	Thu	432/00	USB	(AB)
E11	6940	18-3	0930	Thu	271/00	USB	(AB)
E11	7864	18-3	1730	Thu	413/00	USB	(GHn/MPJ)
E11	7317	18-3	1900	Thu	648/00	USB	(AB/MPJ)
E11	5779	19-3	0435	Fri	380/00 ? barely audible	USB	(AB)
E11	9963	19-3	0715	Fri	634/00	USB	(AB)
E11	17410	19-3	0745	Fri	342/00	USB	(AB-POL)
E11	5149	19-3	0820	Fri	436/00	USB	(AB)
E11	12153	19-3	0830	Fri	188/00	USB	(AB)
E11	7317	19-3	1000	Fri	305/00	USB	(AB)
E11	5737	19-3	1530	Fri	521/00	USB	(AB/Gwr)
E11	11116	19-3	1650	Fri	927/00	USB	(AB)
E11	8530	19-3	1910	Fri	611/00	USB	(AB)
E11	5371	20-3	0805	Sat	310/00	USB	(AB)
E11	14972	20-3	1345	Sat	910/00	USB	(MPJ-POL)
E11	4181	20-3	1910	Sat	396/00	USB	(AB/MPJ)
E11	5779	21-3	0435	Sun	355/00	USB	(AB)
E11	5371	21-3	0805	Sun	311/00	USB	(AB)
E11	6923	21-3	1625	Sun	977/00	USB	(AB/GHn/MPJ)
E11	11116	21-3	1650	Sun	926/00	USB	(AB/GHn/MPJ)
E11	13470	21-3	1745	Sun	240/00	USB	(AB-POL/MPJ)
E11	8530	21-3	1910	Sun	614/00	USB	(MPJ)
E11	10213	22-3	0745	Mon	269/00	USB	(AB)
E11	12153	22-3	0830	Mon	188/00	USB	(AB-POL)
E11	8180	22-3	0900	Mon	535/00	USB	(AB)
E11	7317	22-3	1045	Mon	693/00	USB	(AB)
E11	13470	22-3	1745	Mon	242/00	USB	(AB-POL/MPJ)
E11	7317	22-3	1900	Mon	641/00	USB	(AB-POL/MPJ)
E11	8180	23-3	0700	Tue	576/00	USB	(AB)
E11	9963	23-3	0715	Tue	637/00	USB	(AB)
E11	19184	23-3	0820	Tue	134/00	USB	(AB-POL)
E11	12202	23-3	0845	Tue	155/00	USB	(AB)
E11	12530	23-3	1230	Tue	330/00	USB	(AB/MPJ)
E11	14972	23-3	1345	Tue	910/00	USB	(AB-POL/MPJ)
E11	5082	23-3	1605	Tue	238/00	USB	(AB/MPJ)
E11	12153	24-3	0640	Wed	941/00	USB	(AB)
E11	17410	24-3	0745	Wed	344/00	USB	(AB-POL)
E11	19184	24-3	0820	Wed	131/00	USB	(AB-POL)



E11	8180	24-3	0900	Wed	532/00	USB	(AB)
E11	6940	24-3	0930	Wed	277/00	USB	(AB)
E11	7317	24-3	1045	Wed	692/00	USB	(AB)
E11	6923	24-3	1625	Wed	975/00	USB	(AB/MPJ)
E11	4181	24-3	1910	Wed	394/00	USB	(AB/MPJ)
E11	10800	25-3	0645	Thu	515/00	USB	(AB)
E11	5149	25-3	0820	Thu	432/00	USB	(AB)
E11	6940	25-3	0930	Thu	273/00	USB	(AB)
E11	12530	25-3	1230	Thu	332/00	USB	(AB/MPJ)
E11	10330	25-3	1530	Thu	266/00	USB	(AB/GHn/MPJ)
E11	7864	25-3	1730	Thu	410/00	USB	(AB/MPJ)
E11	7317	25-3	1900	Thu	640/00	USB	(AB/MPJ)
E11	8180	26-3	0700	Fri	576/00	USB	(AB)
E11	9963	26-3	0715	Fri	639/00	USB	(AB)
E11	17410	26-3	0745	Fri	342/00	USB	(AB-POL)
E11	5149	26-3	0820	Fri	432/00	USB	(AB)
E11	12153	26-3	0830	Fri	183/00	USB	(AB)
E11	8530	26-3	1910	Fri	612/00	USB	(AB/GHn/MPJ)
E11	8102	27-3	0710	Sat	492/00	USB	(AB)
E11	5371	27-3	0805	Sat	315/00	USB	(AB)
E11	14972	27-3	1345	Sat	918/00	USB	(AB/MPJ)
E11	4505	27-3	1530	Sat	368/00	USB	(AB-POL/MPJ-POL)
E11	4181	27-3	1910	Sat	392/00	USB	(AB/MPJ)
E11	5371	28-3	0805	Sun	311/00	USB	(AB)
E11	4505	28-3	1530	Sun	360/00	USB	(AB-POL)
E11	5082	28-3	1605	Sun	230/00	USB	(AB)
E11	6923	28-3	1625	Sun	970/00	USB	(AB)
E11	13470	28-3	1745	Sun	240/00	USB	(AB-POL)
E11	8530	28-3	1910	Sun	616/00	USB	(AB)
E11	5371	29-3	0450	Mon	416/00	USB	(AB)
E11	10213	29-3	0745	Mon	260/00	USB	(AB)
E11	12153	29-3	0830	Mon	183/00	USB	(AB)
E11	12202	29-3	0845	Mon	716/00	USB	(AB-POL)
E11	8180	29-3	0900	Mon	536/00	USB	(AB)
E11	7317	29-3	1045	Mon	694/00	USB	(AB)
E11	5737	29-3	1530	Mon	522/00	USB	(AB/MPJ)
E11	13470	29-3	1745	Mon	246/00	USB	(AB-POL/MPJ)
E11	7317	29-3	1900	Mon	647/00	USB	(AB/MPJ)
E11	8180	30-3	0700	Tue	579/00	USB	(AB)
E11	9963	30-3	0715	Tue	633/00	USB	(AB)
E11	14865	30-3	0745	Tue	220/00	USB	(AB)
E11	19184	30-3	0820	Tue	136/00	USB	(AB-POL)

<b>E11</b>	12202	30-3	0845	Tue	156/00	USB	(AB)
<b>E11</b>	7317	30-3	1000	Tue	305/00	USB	(AB)
<b>E11</b>	6923	30-3	1205	Tue	460/00	USB	(AB)
<b>E11</b>	12530	30-3	1230	Tue	338/00	USB	(AB/MPJ/RL-HOL)
<b>E11</b>	14972	30-3	1345	Tue	911/00	USB	(AB-POL/MPJ)
<b>E11</b>	5082	30-3	1605	Tue	236/00	USB	(AB/MPJ)
<b>E11</b>	17410	31-3	0745	Wed	348/00	USB	(AB-POL)
<b>E11</b>	19184	31-3	0820	Wed	134/00	USB	(AB-POL)
<b>E11</b>	12202	31-3	0845	Wed	711/00	USB	(AB)
<b>E11</b>	8180	31-3	0900	Wed	533/00	USB	(AB)
<b>E11</b>	6940	31-3	0930	Wed	275/00	USB	(AB)
<b>E11</b>	7317	31-3	1045	Wed	690/00	USB	(AB)
<b>E11</b>	6923	31-3	1205	Wed	461/00	USB	(AB)
<b>E11</b>	6923	31-3	1625	Wed	970/00	USB	(AB)
<b>E11</b>	4181	31-3	1910	Wed	390/00	USB	(AB)
<b>E11a</b>	5371	1-3	0450	Mon	411/40 Attention 99101 02571 78277 ... 73879 38168 71832 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	7317	1-3	1045	Mon	693/36 Attention 59881 87285 98875 ... 67765 68815 17280 Attention (message repeated) Out	USB	(AB/HFD)
<b>E11a</b>	13470	1-3	1745	Mon	242/31 Attention 46981 19537 61404 ... 21103 26152 96326 Attention (message repeated) Out	USB	(AB/MPJ-POL)/HFD
<b>E11A</b>	12202	2-3	0845	Tue	152/38 Attention 25334 ...	USB	(HFD)
<b>E11a</b>	14972	2-3	1345	Tue	915/36 attention 56660 31893 02231 ... 32568 20670 43832 Attention (message repeated) Out	USB	(AB-POL/HFD)
<b>E11a</b>	17410	3-3	0745	Wed	347/40 Attention 43823 96399 84525 ... 80380 58820 27879 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	6940	3-3	0930	Wed	279/37 Attention 46728 61554 09590 ... 23100 04979 25153 Attention (message repeated) Out	USB	(AB/HFD)
<b>E11a</b>	7317	3-3	1045	Wed	693/36 Attention 59881 87285 98875 ... 67765 68815 17280 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	6923	3-3	1625	Wed	970/39 Attention 20397 34461 67234 ... 49805 13448 05786 Attention (message repeated) Out	USB	(AB/MPJ/HFD)
<b>E11a</b>	6940	4-3	0930	Thu	279/37 Attention 46728 61554 09590 ... 23100 04979 25153 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	7864	4-3	1730	Thu	411/40 Attention 99101 02571 78277 ... 73879 38168 71832 Attention (message repeated) Out	USB	(AB/MPJ/HFD)
<b>E11a</b>	17410	5-3	0745	Fri	347/40 Attention 43823 96399 84525 ... 80380 58820 27879 Attention (message repeated) Out	USB	(AB-POL)
<b>E11a</b>	14972	6-3	1345	Sat	915/36 Attention 56660 31893 02231 ... 32568 20670 43832 Attention (message repeated) Out	USB	(AB-POL/MPJ-POL/HFD-POL)
<b>E11a</b>	6923	7-3	1625	Sun	970/39 Attention 20397 34461 67234 ... 49805 13448 05786 Attention (message repeated) Out	USB	(AB/MPJ)

<b>E11a</b>	13470	7-3	1745	Sun	242/31 Attention 46981 19537 61404 ... 21103 26152 96326 Attention (message repeated) Out	USB	(AB-POL/MPJ-POL)
<b>E11a</b>	7317	8-3	1900	Mon	641/31 Attention 30280 43943 35184 ... 99757 81626 19283 Attention (message repeated) Out	USB	(AB-POL/MPJ)
<b>E11a</b>	9963	9-3	0715	Tue	634/36 Attention 35189 52767 66963 ... 34268 56045 24344 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	19184	9-3	0820	Tue	135/35 Attention 35393 90837 79429 ... 71986 88793 92871 Attention (message repeated) Out	USB	(AB-POL)
<b>E11a</b>	4181	10-3	1910	Wed	392/38 Attention 09507 49068 76281 ... 32177 14963 17357 Attention (message repeated) Out	USB	(AB/MPJ)
<b>E11a</b>	5149	11-3	0820	Thu	439/32 Attention 85359 05192 26438 ... 47390 78459 23388 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	7317	11-3	1900	Thu	641/31 Attention 30280 43943 35184 ... 99757 81626 19283 Attention (message repeated) Out	USB	(AB-POL/MPJ)
<b>E11a</b>	9963	12-3	0715	Fri	634/36 Attention 35189 52767 66963 ... 34268 56045 24344 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	5149	12-3	0820	Fri	439/32 Attention 85359 05192 26438 ... 47390 78459 23388 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	12153	12-3	0830	Fri	180/37 Attention 66586 39009 86057 ... 89982 20482 72475 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	8530	12-3	1910	Fri	612/37 Attention 42325 33333 00954 ... 79977 50327 85030 Attention (message repeated) Out	USB	(AB-POL/MPJ)
<b>E11a</b>	5371	13-3	0805	Sat	312/38 Attention 06149 66517 81720 ... 86482 70584 91212 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	4181	13-3	1910	Sat	392/38 Attention 09507 49068 76281 ... 32177 14963 17357 Attention (message repeated) Out	USB	(AB/MPJ)
<b>E11a</b>	5371	14-3	0805	Sun	312/38 Attention 06149 66517 81720 ... 86482 70584 91212 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	8530	14-3	1910	Sun	612/37 Attention 42325 33333 00954 ... 79977 50327 85030 Attention (message repeated) Out	USB	(AB-POL/MPJ-POL)
<b>E11a</b>	10213	15-3	0745	Mon	268/34 Attention 68386 34684 42567 ... 18754 47332 67638 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	8180	15-3	0900	Mon	532/35 Attention 67556 63848 28919 ... 06477 76516 21982 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	10800	16-3	0645	Tue	519/37 Attention 75728 83311 55286 ... 09148 50410 62906 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	8180	16-3	0700	Tue	579/31 Attention 33377 46338 18182 ... 77393 62579 43553 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	12530	16-3	1230	Tue	335/39 Attention 79369 32455 52354 ... 42668 00620 68512 Attention (message repeated) Out	USB	(AB/MPJ)
<b>E11a</b>	5082	16-3	1605	Tue	237/37 Attention 44053 48659 85567 ... 53432 31549 58927 Attention (message repeated) Out	USB	(AB/MPJ)

<b>E11a</b>	8180	17-3	0900	Wed	532/35 Attention 67556 63848 28919 ... 06477 76516 21982 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	10800	18-3	0645	Thu	519/37 Attention 75728 83311 55286 ... 09148 50410 62906 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	12530	18-3	1230	Thu	335/39 Attention 79369 32455 52354 ... 42668 00620 68512 Attention (message repeated) Out	USB	(AB-POL/MPJ)
<b>E11a</b>	10330	18-3	1530	Thu	268/34 Attention 68386 34684 42567 ... 18754 47332 67638 Attention (message repeated) Out	USB	(AB/GHn/MPJ)
<b>E11a</b>	8180	19-3	0700	Fri	579/31 Attention 33377 46338 18182 ... 77393 62579 43553 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	8102	20-3	0710	Sat	498/32 Attention 66200 00923 74003 ... 04720 99881 99153 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	4505	20-3	1530	Sat	365/37 Attention 60434 63437 33856 ... 93466 32327 77009 Attention (message repeated) Out	USB	(AB-POL/MPJ-POL)
<b>E11a</b>	8102	21-3	0710	Sun	498/32 Attention 66200 00923 74003 ... 04720 99881 99153 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	4505	21-3	1530	Sun	365/37 Attention 60434 63437 33856 ... 93466 32327 77009 Attention (message repeated) Out	USB	(AB-POL)
<b>E11a</b>	5082	21-3	1605	Sun	237/37 Attention 44053 48659 85567 ... 53432 31549 58927 Attention (message repeated) Out	USB	(AB/MPJ)
<b>E11a</b>	12202	22-3	0845	Mon	715/40 Attention 34043 72994 30932 ... 14685 55917 85877 Attention (message repeated) Out	USB	(AB-POL)
<b>E11a</b>	5737	22-3	1530	Mon	522/35 Attention 33314 93950 28374 ... 35941 06484 96632 Attention (message repeated) Out	USB	(AB/MPJ)
<b>E11a</b>	14865	23-3	0745	Tue	229/31 Attention 95261 81119 64843 ... 91358 62226 18676 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	7317	23-3	1000	Tue	305/20 Attention 77064 87879 20262 ... 05509 07251 05387 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	6923	23-3	1205	Tue	463/32 Attention 42564 81137 76712 ... 89604 67411 48446 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	12202	24-3	0845	Wed	715/40 Attention 34043 72994 30932 ... 14685 55917 85877 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	6923	24-3	1205	Wed	463/32 Attention 42564 81137 76712 ... 89604 67411 48446 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	14865	25-3	0745	Thu	229/31 Attention 95261 81119 64843 ... 91358 62226 18676 Attention (message repeated) Out	USB	(AB-POL)
<b>E11a</b>	7317	26-3	1000	Fri	305/20 Attention 77064 87879 20262 ... 05509 07251 05387 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	5737	26-3	1530	Fri	522/35 Attention 33314 93950 28374 ... 35941 06484 96632 Attention (message repeated) Out	USB	(AB/GHn/MPJ)
<b>E11a</b>	11116	26-3	1650	Fri	924/40 Attention 06680 32975 30376 ... 45688 15353 70122 Attention (message repeated) Out	USB	(AB/GHn/MPJ)

<b>E11a</b>	11116	28-3	1650	Sun	924/40 Attention 06680 32975 30376 ... 45688 15353 70122 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	12153	29-3	0640	Mon	945/23 Attention 83737 06641 51585 ... 33559 00432 59112 Attention (message repeated) Out	USB	(AB)
<b>E11a</b>	12153	31-3	0640	Wed	945/23 Attention 83737 06641 51585 ... 33559 00432 59112 Attention (message repeated) Out	USB	(AB)
<b>E17z</b>	14260	4-3	0800	Thu	217 841 6 04537 87875 47142 23486 80331 17613 841 6 00000	USB	(AB-POL/HFD)
<b>E17z</b>	12930	4-3	0810	Thu	217 841 6 04537 87875 47142 23486 80331 17613 841 6 00000	USB	(AB-POL/HFD)
<b>E17z</b>	14260	11-3	0800	Thu	217 841 6 04537 87875 47142 23486 80331 17613 841 6 00000	USB	(AB-POL)
<b>E17z</b>	12930	11-3	0810	Thu	217 841 6 04537 87875 47142 23486 80331 17613 841 6 00000	USB	(AB-POL)
<b>E17z</b>	14260	18-3	0800	Thu	217 430 5 60196 68094 59162 07574 95647 430 5 00000	USB	(AB-KWT)
<b>E17z</b>	12930	18-3	0810	Thu	217 430 5 60196 68094 59162 07574 95647 430 5 00000	USB	(AB-KWT)
<b>E17z</b>	14260	25-3	0800	Thu	217 430 5 60196 68094 59162 07574 95647 430 5 00000	USB	(AB)
<b>E17z</b>	12930	25-3	0810	Thu	217 430 5 60196 68094 59162 07574 95647 430 5 00000	USB	(AB)
<b>F01</b>	10861	1-3	1015	Mon	Russian diplo/intel. 82114 35001 33771 ... 52093 57334 87427 00000	FSK 200/500	(AB)
<b>F01</b>	8187	1-3	1025	Mon	Russian diplo/intel. 82114 35001 33771 ... 52093 57334 87427 00000	FSK 200/500	(AB)
<b>F01</b>	6939	1-3	1035	Mon	Russian diplo/intel. 82114 35001 33771 ... 52093 57334 87427 00000	FSK 200/500	(AB)
<b>F01</b>	10861	2-3	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
<b>F01</b>	8187	2-3	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
<b>F01</b>	6939	2-3	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
<b>F01</b>	10861	3-3	1015	Wed	Russian diplo/intel. 16574 11815 83106 ... 00376 36601 90413 00000	FSK 200/500	(AB/HFD)
<b>F01</b>	8187	3-3	1025	Wed	Russian diplo/intel. 16574 11815 83106 ... 00376 36601 90413 00000	FSK 200/500	(AB/HFD)
<b>F01</b>	6939	3-3	1035	Wed	Russian diplo/intel. 16574 11815 83106 ... 00376 36601 90413 00000	FSK 200/500	(AB/HFD)
<b>F01</b>	10467	3-3	1940	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS/MPJ/HFD)
<b>F01</b>	8094	3-3	1950	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS/MPJ/HFD)
<b>F01</b>	6779	3-3	2000	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS/MPJ/HFD)
<b>F01</b>	10981	4-3	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
<b>F01</b>	8187	4-3	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
<b>F01</b>	6939	4-3	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
<b>F01</b>	10861	5-3	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
<b>F01</b>	8187	5-3	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
<b>F01</b>	6939	5-3	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
<b>F01</b>	10861	8-3	1015	Mon	Russian diplo/intel. Wrong shift. Unreadable	FSK 200/1000	(AB)
<b>F01</b>	8187	8-3	1025	Mon	Russian diplo/intel. Wrong shift. Unreadable	FSK 200/1000	(AB)
<b>F01</b>	6939	8-3	1035	Mon	Russian diplo/intel. Wrong shift. Unreadable	FSK 200/1000	(AB)
<b>F01</b>	10861	9-3	1015	Tue	Russian diplo/intel. Wrong shift. Unreadable	FSK 200/1000	(AB)
<b>F01</b>	8187	9-3	1025	Tue	Russian diplo/intel. Wrong shift. Unreadable	FSK 200/1000	(AB-RUS)
<b>F01</b>	6939	9-3	1035	Tue	Russian diplo/intel. Two messages	FSK 200/1000	(AB-RUS)
<b>F01</b>	10861	10-3	1015	Wed	Russian diplo/intel. 02720 09823 18253 ... 32661 17875 96421 00000	FSK 200/500	(AB)
<b>F01</b>	8187	10-3	1025	Wed	Russian diplo/intel. 02720 09823 18253 ... 32661 17875 96421 00000	FSK 200/500	(AB)
<b>F01</b>	6939	10-3	1035	Wed	Russian diplo/intel. 02720 09823 18253 ... 32661 17875 96421 00000	FSK 200/500	(AB)
<b>F01</b>	10861	11-3	1015	Thu	Russian diplo/intel. Wrong shift. Unreadable	FSK 200/1000	(AB)
<b>F01</b>	8187	11-3	1025	Thu	Russian diplo/intel. Wrong shift, corrected after 2 mins. Too poor to copy	FSK 200/500	(AB)

F01	6939	11-3	1035	Thu	Russian diplo/intel. Too weak to copy	FSK 200/500	(AB)
F01	10861	12-3	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)
F01	8187	12-3	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)
F01	6939	12-3	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS/MPJ)
F01	10861	15-3	1015	Mon	Russian diplo/intel. 17363 77474 94380 ... 67078 92420 99429 00000	FSK 200/1000	(AB)
F01	8187	15-3	1025	Mon	Russian diplo/intel. 17363 77474 94380 ... 67078 92420 99429 00000	FSK 200/1000	(AB)
F01	6939	15-3	1035	Mon	Russian diplo/intel. 17363 77474 94380 ... 67078 92420 99429 00000	FSK 200/1000	(AB)
F01	10861	16-3	1015	Tue	Russian diplo/intel. Two messages	FSK 200/1000	(AB)
F01	8187	16-3	1025	Tue	Russian diplo/intel. Two messages	FSK 200/1000	(AB-RUS)
F01	6939	16-3	1035	Tue	Russian diplo/intel. Two messages	FSK 200/1000	(AB-RUS)
F01	10861	17-3	1015	Wed	Russian diplo/intel. 82173 34995 30127 ... 44578 12453 03431 00000	FSK 200/500	(AB)
F01	8187	17-3	1025	Wed	Russian diplo/intel. 82173 34995 30127 ... 44578 12453 03431 00000	FSK 200/500	(AB)
F01	6939	17-3	1035	Wed	Russian diplo/intel. 82173 34995 30127 ... 44578 12453 03431 00000	FSK 200/500	(AB)
F01	10861	18-3	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8187	18-3	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	6939	18-3	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	10861	19-3	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	8187	19-3	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	6939	19-3	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
F01	10861	22-3	1015	Mon	Russian diplo/intel. 73120 44317 63817 ... 10628 26510 06411 00000	FSK 200/1000	(AB)
F01	8187	22-3	1025	Mon	Russian diplo/intel. 73120 44317 63817 ... 10628 26510 06411 00000	FSK 200/1000	(AB)
F01	6939	22-3	1035	Mon	Russian diplo/intel. 73120 44317 63817 ... 10628 26510 06411 00000	FSK 200/1000	(AB)
F01	10861	23-3	1015	Tue	Russian diplo/intel. Two messages	FSK 200/1000	(AB)
F01	8187	23-3	1025	Tue	Russian diplo/intel. Two messages	FSK 200/1000	(AB)
F01	6939	23-3	1035	Tue	Russian diplo/intel. Two messages	FSK 200/1000	(AB-RUS)
F01	10861	24-3	1015	Wed	Russian diplo/intel. 43219 24469 27147 ... 90370 87455 09421 00000	FSK 200/500	(AB)
F01	8187	24-3	1025	Wed	Russian diplo/intel. 43219 24469 27147 ... 90370 87455 09421 00000	FSK 200/500	(AB)
F01	6939	24-3	1035	Wed	Russian diplo/intel. 43219 24469 27147 ... 90370 87455 09421 00000	FSK 200/500	(AB)
F01	10861	25-3	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8187	25-3	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	6939	25-3	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	10861	26-3	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	8187	26-3	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	6939	26-3	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
F01	10861	29-3	1015	Mon	Russian diplo/intel. 87458 01146 68622 ... 71062 27156 12439 00000	FSK 200/1000	(AB)
F01	8187	29-3	1025	Mon	Russian diplo/intel. 87458 01146 68622 ... 71062 27156 12439 00000	FSK 200/1000	(AB)
F01	6939	29-3	1035	Mon	Russian diplo/intel. 87458 01146 68622 ... 71062 27156 12439 00000	FSK 200/1000	(AB)
F01	10861	30-3	1015	Tue	Russian diplo/intel. Two messages	FSK 200/1000	(AB)
F01	8187	30-3	1025	Tue	Russian diplo/intel. Two messages	FSK 200/1000	(AB)
F01	6939	30-3	1035	Tue	Russian diplo/intel. Two messages	FSK 200/1000	(AB-RUS)
F01	10861	31-3	1015	Wed	Russian diplo/intel. 63797 98975 98583 ... 29562 92786 15421 00000	FSK 200/500	(AB)
F01	8187	31-3	1025	Wed	Russian diplo/intel. 63797 98975 98583 ... 29562 92786 15421 00000	FSK 200/500	(AB)



<b>F01</b>	6939	31-3	1035	Wed	Russian diplo/intel. 63797 98975 98583 ... 29562 92786 15421 00000	FSK 200/500	(AB)
<b>F03j</b>	19515	1-3	0630	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	19515	1-3	0635	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	7984	1-3	0950	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7984	1-3	0955	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8305	2-3	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	8305	2-3	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	13046	2-3	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	13046	2-3	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19515	3-3	0630	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	19515	3-3	0635	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	7984	3-3	0950	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7984	3-3	0955	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8305	4-3	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8305	4-3	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19515	8-3	0630	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	19515	8-3	0635	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	8305	9-3	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8305	9-3	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	13046	9-3	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	13046	9-3	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7984	10-3	0950	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7984	10-3	0955	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8305	11-3	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8305	11-3	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19515	15-3	0630	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	19515	15-3	0635	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	8305	16-3	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8305	16-3	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	13046	16-3	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	13046	16-3	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19515	17-3	0630	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	19515	17-3	0635	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	7984	17-3	0950	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7984	17-3	0955	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8305	18-3	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8305	18-3	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19515	22-3	0630	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	19515	22-3	0635	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	7984	22-3	0950	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7984	22-3	0955	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8305	23-3	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

<b>F03j</b>	8305	23-3	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	13046	23-3	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	13046	23-3	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19515	24-3	0630	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	19515	24-3	0635	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	7984	24-3	0950	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7984	24-3	0955	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8305	25-3	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8305	25-3	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19515	29-3	0630	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	19515	29-3	0635	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	7984	29-3	0950	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7984	29-3	0955	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8305	30-3	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8305	30-3	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	13046	30-3	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	13046	30-3	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7984	31-3	0950	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7984	31-3	0955	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03I</b>	7377	1-3	1030	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
<b>F03I</b>	7377	1-3	1035	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
<b>F03I</b>	7798	1-3	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7798	1-3	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	14975	2-3	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	14975	2-3	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	18030	2-3	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
<b>F03I</b>	18030	2-3	0810	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
<b>F03I</b>	18030	3-3	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
<b>F03I</b>	18030	3-3	0810	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
<b>F03I</b>	6849	3-3	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	6849	3-3	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7737	3-3	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
<b>F03I</b>	7737	3-3	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
<b>F03I</b>	14975	4-3	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	14975	4-3	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	13873	4-3	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	13873	4-3	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	6849	4-3	0915	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	6849	4-3	0920	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7798	4-3	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
<b>F03I</b>	7798	4-3	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
<b>F03I</b>	15915	5-3	1330	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(MPJ)



<b>F03I</b>	15915	5-3	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(MPJ)
<b>F03I</b>	7377	8-3	1030	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7377	8-3	1035	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7798	8-3	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7798	8-3	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	13873	9-3	0725	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	13873	9-3	0730	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	18030	9-3	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
<b>F03I</b>	18030	9-3	0810	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
<b>F03I</b>	18030	10-3	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	18030	10-3	0810	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	6849	10-3	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	6849	10-3	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7737	10-3	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7737	10-3	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	15915	10-3	1330	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
<b>F03I</b>	15915	10-3	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
<b>F03I</b>	14975	11-3	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	14975	11-3	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	13873	11-3	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	13873	11-3	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	6849	11-3	0915	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	6849	11-3	0920	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7798	11-3	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
<b>F03I</b>	7798	11-3	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
<b>F03I</b>	15915	12-3	1330	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
<b>F03I</b>	15915	12-3	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
<b>F03I</b>	7798	15-3	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
<b>F03I</b>	7798	15-3	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
<b>F03I</b>	13873	16-3	0725	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	13873	16-3	0730	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	18030	16-3	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
<b>F03I</b>	18030	16-3	0810	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
<b>F03I</b>	18030	17-3	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	18030	17-3	0810	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	6849	17-3	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	6849	17-3	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7737	17-3	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7737	17-3	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	15915	17-3	1330	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	15915	17-3	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	14975	18-3	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

<b>F03I</b>	14975	18-3	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	13873	18-3	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	13873	18-3	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	6849	18-3	0915	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	6849	18-3	0920	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7798	18-3	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7798	18-3	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	15915	19-3	1330	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	15915	19-3	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7377	22-3	1030	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7377	22-3	1035	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7798	22-3	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7798	22-3	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	14975	23-3	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	14975	23-3	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	13873	23-3	0725	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	13873	23-3	0730	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	18030	23-3	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
<b>F03I</b>	18030	23-3	0810	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
<b>F03I</b>	18030	24-3	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	18030	24-3	0810	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	6849	24-3	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	6849	24-3	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	15915	24-3	1330	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ-HOL)
<b>F03I</b>	15915	24-3	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ-HOL)
<b>F03I</b>	14975	25-3	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	14975	25-3	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	13873	25-3	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	13873	25-3	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	6849	25-3	0915	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	6849	25-3	0920	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7798	25-3	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
<b>F03I</b>	7798	25-3	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
<b>F03I</b>	15915	26-3	1330	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
<b>F03I</b>	15915	26-3	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
<b>F03I</b>	7377	29-3	1030	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7377	29-3	1035	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7798	29-3	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7798	29-3	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	14975	30-3	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	14975	30-3	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	13873	30-3	0725	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

<b>F03I</b>	13873	30-3	0730	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	18030	30-3	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
<b>F03I</b>	18030	30-3	0810	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
<b>F03I</b>	18030	31-3	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	18030	31-3	0810	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	6849	31-3	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	6849	31-3	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7377	31-3	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	7377	31-3	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	15915	31-3	1330	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
<b>F03I</b>	15915	31-3	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
<b>F06</b>	9174	1-3	0500	Mon	Russian diplo/intel. 11166 70059 35714 01001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-POL)
<b>F06</b>	7384	1-3	0510	Mon	Russian diplo/intel. 11166 70059 35714 01001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	5148	1-3	0520	Mon	Russian diplo/intel. 11166 70059 35714 01001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	12153	1-3	0700	Mon	Russian diplo/intel. Header: 11166 70202 91468 26017 02359	FSK 200/1000	(AB)
<b>F06</b>	10671	1-3	0710	Mon	Russian diplo/intel. Header: 11166 70202 91468 26017 02359	FSK 200/1000	(AB)
<b>F06</b>	8093	1-3	0720	Mon	Russian diplo/intel. Header: 11166 70202 91468 26017 02359	FSK 200/1000	(AB)
<b>F06</b>	13526	1-3	1200	Mon	Russian diplo/intel. Header: 11166 70202 91468 26017 02359	FSK 200/1000	(AB)
<b>F06</b>	11428	1-3	1210	Mon	Russian diplo/intel. Header: 11166 70202 91468 26017 02359	FSK 200/1000	(AB)
<b>F06</b>	8026	1-3	1220	Mon	Russian diplo/intel. Header: 11166 70202 91468 26017 02359	FSK 200/1000	(AB)
<b>F06</b>	12153	2-3	0700	Tue	Russian diplo/intel. Headers: 11166 70202 13645 01018 01599 and 11166 70202 87425 01019 01699	FSK 200/1000	(AB)
<b>F06</b>	10671	2-3	0710	Tue	Russian diplo/intel. Headers: 11166 70202 13645 01018 01599 and 11166 70202 87425 01019 01699	FSK 200/1000	(AB)
<b>F06</b>	8093	2-3	0720	Tue	Russian diplo/intel. Headers: 11166 70202 13645 01018 01599 and 11166 70202 87425 01019 01699	FSK 200/1000	(AB)
<b>F06</b>	13526	2-3	1200	Tue	Russian diplo/intel. Headers: 11166 70202 13645 01018 01599 and 11166 70202 87425 01019 01699	FSK 200/1000	(AB)
<b>F06</b>	11428	2-3	1210	Tue	Russian diplo/intel. Headers: 11166 70202 13645 01018 01599 and 11166 70202 87425 01019 01699	FSK 200/1000	(AB)
<b>F06</b>	8026	2-3	1220	Tue	Russian diplo/intel. Headers: 11166 70202 13645 01018 01599 and 11166 70202 87425 01019 01699	FSK 200/1000	(AB)
<b>F06</b>	16359	2-3	1650	Tue	Russian diplo/intel. 11166 10053 14785 02073 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
<b>F06</b>	13986	2-3	1700	Tue	Russian diplo/intel. 11166 10053 14785 02073 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	11523	2-3	1710	Tue	Russian diplo/intel. 11166 10053 14785 02073 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	18189	3-3	0600	Wed	Russian diplo/intel. Header: 11166 40122 74512 27036 04849	FSK 200/1000	(AB-J)
<b>F06</b>	16046	3-3	0610	Wed	Russian diplo/intel. Header: 11166 40122 74512 27036 04849	FSK 200/1000	(AB-J)
<b>F06</b>	14459	3-3	0620	Wed	Russian diplo/intel. Header: 11166 40122 74512 27036 04849	FSK 200/1000	(AB-J)
<b>F06</b>	12153	3-3	0700	Wed	Russian diplo/intel. Header: 11166 70202 98546 02020 02359	FSK 200/1000	(AB)
<b>F06</b>	10671	3-3	0710	Wed	Russian diplo/intel. Header: 11166 70202 98546 02020 02359	FSK 200/1000	(AB)
<b>F06</b>	8093	3-3	0720	Wed	Russian diplo/intel. Header: 11166 70202 98546 02020 02359	FSK 200/1000	(AB)
<b>F06</b>	13526	3-3	1200	Wed	Russian diplo/intel. Header: 11166 70202 98546 02020 02359	FSK 200/1000	(AB)
<b>F06</b>	11428	3-3	1210	Wed	Russian diplo/intel. Header: 11166 70202 98546 02020 02359	FSK 200/1000	(AB)

<b>F06</b>	8026	3-3	1220	Wed	Russian diplo/intel. Header: 11166 70202 98546 02020 02359	FSK 200/1000	(AB)
<b>F06</b>	18189	4-3	0600	Thu	Russian diplo/intel. Header: 11166 40122 74512 27036 04849	FSK 200/1000	(AB-J)
<b>F06</b>	16046	4-3	0610	Thu	Russian diplo/intel. Header: 11166 40122 74512 27036 04849	FSK 200/1000	(AB-J)
<b>F06</b>	14459	4-3	0620	Thu	Russian diplo/intel. Header: 11166 40122 74512 27036 04849	FSK 200/1000	(AB-J)
<b>F06</b>	12153	4-3	0700	Thu	Russian diplo/intel. Headers: 11166 70202 63587 03021 01579 and 11166 70202 49852 03022 01679	FSK 200/1000	(AB)
<b>F06</b>	10671	4-3	0710	Thu	Russian diplo/intel. Headers: 11166 70202 63587 03021 01579 and 11166 70202 49852 03022 01679	FSK 200/1000	(AB)
<b>F06</b>	8093	4-3	0720	Thu	Russian diplo/intel. Headers: 11166 70202 63587 03021 01579 and 11166 70202 49852 03022 01679	FSK 200/1000	(AB)
<b>F06</b>	13526	4-3	1200	Thu	Russian diplo/intel. Headers: 11166 70202 63587 03021 01579 and 11166 70202 49852 03022 01679	FSK 200/1000	(AB)
<b>F06</b>	11428	4-3	1210	Thu	Russian diplo/intel. Headers: 11166 70202 63587 03021 01579 and 11166 70202 49852 03022 01679	FSK 200/1000	(AB)
<b>F06</b>	8026	4-3	1220	Thu	Russian diplo/intel. Headers: 11166 70202 63587 03021 01579 and 11166 70202 49852 03022 01679	FSK 200/1000	(AB)
<b>F06</b>	16054	4-3	1330	Thu	Russian diplo/intel. 11166 80214 51487 04041 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
<b>F06</b>	13471	4-3	1340	Thu	Russian diplo/intel. 11166 80214 51487 04041 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
<b>F06</b>	11162	4-3	1350	Thu	Russian diplo/intel. 11166 80214 51487 04041 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
<b>F06</b>	12153	5-3	0700	Fri	Russian diplo/intel. 11166 70202 28937 05032 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	10671	5-3	0710	Fri	Russian diplo/intel. 11166 70202 28937 05032 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	8093	5-3	0720	Fri	Russian diplo/intel. 11166 70202 28937 05032 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	16245	7-3	1530	Sun	Russian diplo/intel. 11166 10053 79561 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
<b>F06</b>	14356	7-3	1540	Sun	Russian diplo/intel. 11166 10053 79561 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
<b>F06</b>	12138	7-3	1550	Sun	Russian diplo/intel. 11166 10053 79561 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
<b>F06</b>	12153	8-3	0700	Mon	Russian diplo/intel. Header: 11166 70202 69521 05023 02599	FSK 200/1000	(AB)
<b>F06</b>	10671	8-3	0710	Mon	Russian diplo/intel. Header: 11166 70202 69521 05023 02599	FSK 200/1000	(AB)
<b>F06</b>	8093	8-3	0720	Mon	Russian diplo/intel. Header: 11166 70202 69521 05023 02599	FSK 200/1000	(AB)
<b>F06</b>	13526	8-3	1200	Mon	Russian diplo/intel. Header: 11166 70202 69521 05023 02599	FSK 200/1000	(AB)
<b>F06</b>	11428	8-3	1210	Mon	Russian diplo/intel. Header: 11166 70202 69521 05023 02599	FSK 200/1000	(AB)
<b>F06</b>	8026	8-3	1220	Mon	Russian diplo/intel. Header: 11166 70202 69521 05023 02599	FSK 200/1000	(AB)
<b>F06</b>	9165	9-3	0030	Tue	Russian diplo/intel. 11166 60070 15823 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	8188	9-3	0040	Tue	Russian diplo/intel. 11166 60070 15823 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	7460	9-3	0050	Tue	Russian diplo/intel. 11166 60070 15823 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	12153	9-3	0700	Tue	Russian diplo/intel. Headers: 11166 70202 35874 05024 01459 and 11166 70202 69402 05025 02599	FSK 200/1000	(AB)
<b>F06</b>	10671	9-3	0710	Tue	Russian diplo/intel. Headers: 11166 70202 35874 05024 01459 and 11166 70202 69402 05025 02599	FSK 200/1000	(AB)
<b>F06</b>	8093	9-3	0720	Tue	Russian diplo/intel. Headers: 11166 70202 35874 05024 01459 and 11166 70202 69402 05025 02599	FSK 200/1000	(AB)
<b>F06</b>	13526	9-3	1200	Tue	Russian diplo/intel. Headers: 11166 70202 35874 05024 01459 and 11166 70202 69402 05025 02599	FSK 200/1000	(AB/MPJ)

<b>F06</b>	11428	9-3	1210	Tue	Russian diplo/intel. Headers: 11166 70202 35874 05024 01459 and 11166 70202 69402 05025 02599	FSK 200/1000	(AB/MPJ)
<b>F06</b>	8026	9-3	1220	Tue	Russian diplo/intel. Headers: 11166 70202 35874 05024 01459 and 11166 70202 69402 05025 02599	FSK 200/1000	(AB/MPJ)
<b>F06</b>	16359	9-3	1650	Tue	Russian diplo/intel. 11166 10053 34568 09001 00049 00000 00000 00000 00000	FSK 200/1000	(MPJ)
<b>F06</b>	13986	9-3	1700	Tue	Russian diplo/intel. 11166 10053 34568 09001 00049 00000 00000 00000 00000	FSK 200/1000	(MPJ)
<b>F06</b>	11523	9-3	1710	Tue	Russian diplo/intel. 11166 10053 34568 09001 00049 00000 00000 00000 00000	FSK 200/1000	(MPJ)
<b>F06</b>	18189	10-3	0600	Wed	Russian diplo/intel. Headers: 11166 40122 28934 06037 02889 and 11166 40122 45682 06038 02729	FSK 200/1000	(AB-J)
<b>F06</b>	16046	10-3	0610	Wed	Russian diplo/intel. Headers: 11166 40122 28934 06037 02889 and 11166 40122 45682 06038 02729	FSK 200/1000	(AB-J)
<b>F06</b>	14459	10-3	0620	Wed	Russian diplo/intel. Headers: 11166 40122 28934 06037 02889 and 11166 40122 45682 06038 02729	FSK 200/1000	(AB-J)
<b>F06</b>	12153	10-3	0700	Wed	Russian diplo/intel. Header: 11166 70202 87413 09026 02339	FSK 200/1000	(AB)
<b>F06</b>	10671	10-3	0710	Wed	Russian diplo/intel. Header: 11166 70202 87413 09026 02339	FSK 200/1000	(AB)
<b>F06</b>	8093	10-3	0720	Wed	Russian diplo/intel. Header: 11166 70202 87413 09026 02339	FSK 200/1000	(AB)
<b>F06</b>	18969	10-3	0900	Wed	Russian diplo/intel. Header: 11166 00052 65478 10080 02479	FSK 200/1000	(AB-RUS)
<b>F06</b>	16358	10-3	0910	Wed	Russian diplo/intel. Header: 11166 00052 65478 10080 02479	FSK 200/1000	(AB)
<b>F06</b>	14713	10-3	0920	Wed	Russian diplo/intel. Header: 11166 00052 65478 10080 02479	FSK 200/1000	(AB)
<b>F06</b>	13526	10-3	1200	Wed	Russian diplo/intel. Header: 11166 70202 87413 09026 02339	FSK 200/1000	(AB/MPJ)
<b>F06</b>	11428	10-3	1210	Wed	Russian diplo/intel. Header: 11166 70202 87413 09026 02339	FSK 200/1000	(AB/MPJ)
<b>F06</b>	8026	10-3	1220	Wed	Russian diplo/intel. Header: 11166 70202 87413 09026 02339	FSK 200/1000	(AB/MPJ)
<b>F06</b>	18189	11-3	0600	Thu	Russian diplo/intel. Headers: 11166 40122 28934 06037 02889 and 11166 40122 45682 06038 02729	FSK 200/1000	(AB-J)
<b>F06</b>	16046	11-3	0610	Thu	Russian diplo/intel. Headers: 11166 40122 28934 06037 02889 and 11166 40122 45682 06038 02729	FSK 200/1000	(AB-J)
<b>F06</b>	14459	11-3	0620	Thu	Russian diplo/intel. Headers: 11166 40122 28934 06037 02889 and 11166 40122 45682 06038 02729	FSK 200/1000	(AB-J)
<b>F06</b>	12153	11-3	0700	Thu	Russian diplo/intel. Headers: 11166 70202 51493 10027 03039 and 11166 70202 58961 10028 01019	FSK 200/1000	(AB)
<b>F06</b>	10671	11-3	0710	Thu	Russian diplo/intel. Headers: 11166 70202 51493 10027 03039 and 11166 70202 58961 10028 01019	FSK 200/1000	(AB)
<b>F06</b>	8093	11-3	0720	Thu	Russian diplo/intel. Headers: 11166 70202 51493 10027 03039 and 11166 70202 58961 10028 01019	FSK 200/1000	(AB)
<b>F06</b>	18969	11-3	0900	Thu	Russian diplo/intel. Header: 11166 00052 65478 10080 02479	FSK 200/1000	(AB-RUS)
<b>F06</b>	16358	11-3	0910	Thu	Russian diplo/intel. Header: 11166 00052 65478 10080 02479	FSK 200/1000	(AB)
<b>F06</b>	14713	11-3	0920	Thu	Russian diplo/intel. Header: 11166 00052 65478 10080 02479	FSK 200/1000	(AB)
<b>F06</b>	13526	11-3	1200	Thu	Russian diplo/intel. Headers: 11166 70202 51493 10027 03039 and 11166 70202 58961 10028 01019	FSK 200/1000	(AB/MPJ)
<b>F06</b>	11428	11-3	1210	Thu	Russian diplo/intel. Headers: 11166 70202 51493 10027 03039 and 11166 70202 58961 10028 01019	FSK 200/1000	(AB/MPJ)
<b>F06</b>	8026	11-3	1220	Thu	Russian diplo/intel. Headers: 11166 70202 51493 10027 03039 and 11166 70202 58961 10028 01019	FSK 200/1000	(AB/MPJ)



F06	16054	11-3	1330	Thu	Russian diplo/intel. 11166 80214 85473 11067 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13471	11-3	1340	Thu	Russian diplo/intel. 11166 80214 85473 11067 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11162	11-3	1350	Thu	Russian diplo/intel. 11166 80214 85473 11067 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12153	12-3	0700	Fri	Russian diplo/intel. 11166 70202 35781 12031 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10671	12-3	0710	Fri	Russian diplo/intel. 11166 70202 35781 12031 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8093	12-3	0720	Fri	Russian diplo/intel. 11166 70202 35781 12031 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16245	14-3	1530	Sun	Russian diplo/intel. 11166 10053 17935 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	14356	14-3	1540	Sun	Russian diplo/intel. 11166 10053 17935 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	12138	14-3	1550	Sun	Russian diplo/intel. 11166 10053 17935 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	9174	15-3	0500	Mon	Russian diplo/intel. 11166 70059 45689 15021 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	7384	15-3	0510	Mon	Russian diplo/intel. 11166 70059 45689 15021 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5148	15-3	0520	Mon	Russian diplo/intel. 11166 70059 45689 15021 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12153	15-3	0700	Mon	Russian diplo/intel. Header: 11166 70202 32547 12029 02519	FSK 200/1000	(AB)
F06	10671	15-3	0710	Mon	Russian diplo/intel. Header: 11166 70202 32547 12029 02519	FSK 200/1000	(AB)
F06	8093	15-3	0720	Mon	Russian diplo/intel. Header: 11166 70202 32547 12029 02519	FSK 200/1000	(AB)
F06	13526	15-3	1200	Mon	Russian diplo/intel. Header: 11166 70202 32547 12029 02519	FSK 200/1000	(AB)
F06	11428	15-3	1210	Mon	Russian diplo/intel. Header: 11166 70202 32547 12029 02519	FSK 200/1000	(AB)
F06	8026	15-3	1220	Mon	Russian diplo/intel. Header: 11166 70202 32547 12029 02519	FSK 200/1000	(AB)
F06	9165	16-3	0030	Tue	Russian diplo/intel. 11166 60070 35120 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8188	16-3	0040	Tue	Russian diplo/intel. 11166 60070 35120 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7460	16-3	0050	Tue	Russian diplo/intel. 11166 60070 35120 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11563	16-3	0210	Tue	Russian diplo/intel. Header: 11166 60146 00000 16023 03539	FSK 200/1000	(PY)
F06	9300	16-3	0540	Tue	Russian diplo/intel. 11100 00000 00000 16059 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12153	16-3	0700	Tue	Russian diplo/intel. Headers: 11166 70202 92587 15030 01479 and 11166 70202 87451 15031 02559	FSK 200/1000	(AB)
F06	10671	16-3	0710	Tue	Russian diplo/intel. Headers: 11166 70202 92587 15030 01479 and 11166 70202 87451 15031 02559	FSK 200/1000	(AB)
F06	8093	16-3	0720	Tue	Russian diplo/intel. Headers: 11166 70202 92587 15030 01479 and 11166 70202 87451 15031 02559	FSK 200/1000	(AB)
F06	13526	16-3	1200	Tue	Russian diplo/intel. Headers: 11166 70202 92587 15030 01479 and 11166 70202 87451 15031 02559	FSK 200/1000	(AB/MPJ)
F06	11428	16-3	1210	Tue	Russian diplo/intel. Headers: 11166 70202 92587 15030 01479 and 11166 70202 87451 15031 02559	FSK 200/1000	(AB/MPJ)
F06	8026	16-3	1220	Tue	Russian diplo/intel. Headers: 11166 70202 92587 15030 01479 and 11166 70202 87451 15031 02559	FSK 200/1000	(AB/MPJ)
F06	16359	16-3	1650	Tue	Russian diplo/intel. 11166 10053 15823 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	13986	16-3	1700	Tue	Russian diplo/intel. 11166 10053 15823 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	11523	16-3	1710	Tue	Russian diplo/intel. 11166 10053 15823 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	13370	17-3	0200	Wed	Russian diplo/intel. Header: 11166 60146 00000 03015 03139	FSK 200/1000	(PY)
F06	11536	17-3	0210	Wed	Russian diplo/intel. Header: 11166 60146 00000 03015 03139	FSK 200/1000	(PY)
F06	10614	17-3	0220	Wed	Russian diplo/intel. Header: 11166 60146 00000 03015 03139	FSK 200/1000	(PY)
F06	18189	17-3	0600	Wed	Russian diplo/intel. 11166 40122 52641 17069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	16046	17-3	0610	Wed	Russian diplo/intel. 11166 40122 52641 17069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)

<b>F06</b>	14459	17-3	0620	Wed	Russian diplo/intel. 11166 40122 52641 17069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
<b>F06</b>	12153	17-3	0700	Wed	Russian diplo/intel. Header: 11166 70202 75316 16032 02319	FSK 200/1000	(AB)
<b>F06</b>	10671	17-3	0710	Wed	Russian diplo/intel. Header: 11166 70202 75316 16032 02319	FSK 200/1000	(AB)
<b>F06</b>	8093	17-3	0720	Wed	Russian diplo/intel. Header: 11166 70202 75316 16032 02319	FSK 200/1000	(AB)
<b>F06</b>	13526	17-3	1200	Wed	Russian diplo/intel. Header: 11166 70202 75316 16032 02319	FSK 200/1000	(AB)
<b>F06</b>	11428	17-3	1210	Wed	Russian diplo/intel. Header: 11166 70202 75316 16032 02319	FSK 200/1000	(AB)
<b>F06</b>	8026	17-3	1220	Wed	Russian diplo/intel. Header: 11166 70202 75316 16032 02319	FSK 200/1000	(AB)
<b>F06</b>	13370	18-3	0200	Thu	Russian diplo/intel. Probable header, decode was corrupted 11166 60146 00000 18025 02889	FSK 200/1000	(PY)
<b>F06</b>	10614	18-3	0210	Thu	Russian diplo/intel. Probable header, decode was corrupted 11166 60146 00000 18025 02889	FSK 200/1000	(PY)
<b>F06</b>	10614	18-3	0220	Thu	Russian diplo/intel. Probable header, decode was corrupted 11166 60146 00000 18025 02889 repeating on the same frequency	FSK 200/1000	(PY)
<b>F06</b>	11563	18-3	0300	Thu	Russian diplo/intel. Probable header, decode was corrupted 11166 60146 00000 18025 02889	FSK 200/1000	(PY)
<b>F06</b>	10216	18-3	0310	Thu	Russian diplo/intel. Probable header, decode was corrupted 11166 60146 00000 18025 02889	FSK 200/1000	(PY)
<b>F06</b>	9417	18-3	0320	Thu	Russian diplo/intel. Probable header, decode was corrupted 11166 60146 00000 18025 02889	FSK 200/1000	(PY)
<b>F06</b>	12153	18-3	0700	Thu	Russian diplo/intel. Headers: 11166 70202 92541 17033 01459 and 11166 70202 75642 17034 02539	FSK 200/1000	(AB)
<b>F06</b>	10671	18-3	0710	Thu	Russian diplo/intel. Headers: 11166 70202 92541 17033 01459 and 11166 70202 75642 17034 02539	FSK 200/1000	(AB)
<b>F06</b>	8093	18-3	0720	Thu	Russian diplo/intel. Headers: 11166 70202 92541 17033 01459 and 11166 70202 75642 17034 02539	FSK 200/1000	(AB)
<b>F06</b>	13526	18-3	1200	Thu	Russian diplo/intel. Headers: 11166 70202 92541 17033 01459 and 11166 70202 75642 17034 02539	FSK 200/1000	(AB)
<b>F06</b>	11428	18-3	1210	Thu	Russian diplo/intel. Headers: 11166 70202 92541 17033 01459 and 11166 70202 75642 17034 02539	FSK 200/1000	(AB)
<b>F06</b>	8026	18-3	1220	Thu	Russian diplo/intel. Headers: 11166 70202 92541 17033 01459 and 11166 70202 75642 17034 02539	FSK 200/1000	(AB/MPJ)
<b>F06</b>	16054	18-3	1330	Thu	Russian diplo/intel. 11166 80214 13587 18031 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
<b>F06</b>	13471	18-3	1340	Thu	Russian diplo/intel. 11166 80214 13587 18031 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
<b>F06</b>	11162	18-3	1350	Thu	Russian diplo/intel. 11166 80214 13587 18031 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
<b>F06</b>	13369.5	19-3	0200	Fri	Russian diplo/intel. Weird signal. Possibly an Am AFSK version of F06	FSK 200/1000	(PY)
<b>F06</b>	11537.5	19-3	0210	Fri	Russian diplo/intel. Alternating between 11537.5 AM AFSK like above and proper 11538 kHz BFSK	FSK 200/1000	(PY)
<b>F06</b>	10614	19-3	0220	Fri	Russian diplo/intel. Header: 11166 60146 00000 19026 02789	FSK 200/1000	(PY)
<b>F06</b>	11563	19-3	0300	Fri	Russian diplo/intel. Header: 11166 60146 00000 19026 02789	FSK 200/1000	(PY)
<b>F06</b>	10213	19-3	0310	Fri	Russian diplo/intel. Stopped and restarted on 10216 kHz	FSK 200/1000	(PY)
<b>F06</b>	10216	19-3	0310	Fri	Russian diplo/intel. Header: 11166 60146 00000 19026 02789	FSK 200/1000	(PY)
<b>F06</b>	9417	19-3	0320	Fri	Russian diplo/intel. Header: 11166 60146 00000 19026 02789	FSK 200/1000	(PY)
<b>F06</b>	12153	19-3	0700	Fri	Russian diplo/intel. 11166 70202 56421 19092 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

F06	10671	19-3	0710	Fri	Russian diplo/intel. 11166 70202 56421 19092 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8093	19-3	0720	Fri	Russian diplo/intel. 11166 70202 56421 19092 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16245	21-3	1530	Sun	Russian diplo/intel. 11166 10053 15478 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14356	21-3	1540	Sun	Russian diplo/intel. 11166 10053 15478 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12138	21-3	1550	Sun	Russian diplo/intel. 11166 10053 15478 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12153	22-3	0700	Mon	Russian diplo/intel. Header: 11166 70202 78541 19035 02759	FSK 200/1000	(AB)
F06	10671	22-3	0710	Mon	Russian diplo/intel. Header: 11166 70202 78541 19035 02759	FSK 200/1000	(AB)
F06	8093	22-3	0720	Mon	Russian diplo/intel. Header: 11166 70202 78541 19035 02759	FSK 200/1000	(AB)
F06	13526	22-3	1200	Mon	Russian diplo/intel. Header: 11166 70202 78541 19035 02759	FSK 200/1000	(AB/MPJ)
F06	11428	22-3	1210	Mon	Russian diplo/intel. Header: 11166 70202 78541 19035 02759	FSK 200/1000	(AB/MPJ)
F06	8026	22-3	1220	Mon	Russian diplo/intel. Header: 11166 70202 78541 19035 02759	FSK 200/1000	(AB/MPJ)
F06	12153	23-3	0700	Tue	Russian diplo/intel. Headers: 11166 70202 25674 22036 01919 and 11166 70202 41238 22037 01439	FSK 200/1000	(AB)
F06	10671	23-3	0710	Tue	Russian diplo/intel. Headers: 11166 70202 25674 22036 01919 and 11166 70202 41238 22037 01439	FSK 200/1000	(AB)
F06	8093	23-3	0720	Tue	Russian diplo/intel. Headers: 11166 70202 25674 22036 01919 and 11166 70202 41238 22037 01439	FSK 200/1000	(AB)
F06	13526	23-3	1200	Tue	Russian diplo/intel. Headers: 11166 70202 25674 22036 01919 and 11166 70202 41238 22037 01439	FSK 200/1000	(AB/MPJ)
F06	11428	23-3	1210	Tue	Russian diplo/intel. Headers: 11166 70202 25674 22036 01919 and 11166 70202 41238 22037 01439	FSK 200/1000	(AB/MPJ)
F06	8026	23-3	1220	Tue	Russian diplo/intel. Headers: 11166 70202 25674 22036 01919 and 11166 70202 41238 22037 01439	FSK 200/1000	(AB/MPJ)
F06	16359	23-3	1650	Tue	Russian diplo/intel. 11166 10053 78541 23001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	13986	23-3	1700	Tue	Russian diplo/intel. 11166 10053 78541 23001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11523	23-3	1710	Tue	Russian diplo/intel. 11166 10053 78541 23001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	18189	24-3	0600	Wed	Russian diplo/intel. 11166 40122 48265 20039 03239	FSK 200/1000	(AB-J)
F06	16046	24-3	0610	Wed	Russian diplo/intel. 11166 40122 48265 20039 03239	FSK 200/1000	(AB-J)
F06	14459	24-3	0620	Wed	Russian diplo/intel. 11166 40122 48265 20039 03239	FSK 200/1000	(AB-J)
F06	12153	24-3	0700	Wed	Russian diplo/intel. Header: 11166 70202 96358 23038 02839	FSK 200/1000	(AB)
F06	10671	24-3	0710	Wed	Russian diplo/intel. Header: 11166 70202 96358 23038 02839	FSK 200/1000	(AB)
F06	8093	24-3	0720	Wed	Russian diplo/intel. Header: 11166 70202 96358 23038 02839	FSK 200/1000	(AB)
F06	18969	24-3	0900	Wed	Russian diplo/intel. Sent only block null till 0902 UTC. Header: 11166 00052 36152 24081 02639	FSK 200/1000	(AB-RUS)
F06	16358	24-3	0910	Wed	Russian diplo/intel. Header: 11166 00052 36152 24081 02639	FSK 200/1000	(AB)
F06	14713	24-3	0920	Wed	Russian diplo/intel. Header: 11166 00052 36152 24081 02639	FSK 200/1000	(AB)
F06	13526	24-3	1200	Wed	Russian diplo/intel. Header: 11166 70202 96358 23038 02839	FSK 200/1000	(AB/MPJ-HOL)
F06	11428	24-3	1210	Wed	Russian diplo/intel. Header: 11166 70202 96358 23038 02839	FSK 200/1000	(AB/MPJ-HOL)
F06	8026	24-3	1220	Wed	Russian diplo/intel. Header: 11166 70202 96358 23038 02839	FSK 200/1000	(AB/MPJ-HOL)
F06	18189	25-3	0600	Thu	Russian diplo/intel. 11166 40122 48265 20039 03239	FSK 200/1000	(AB-J)
F06	16046	25-3	0610	Thu	Russian diplo/intel. 11166 40122 48265 20039 03239	FSK 200/1000	(AB-J)
F06	14459	25-3	0620	Thu	Russian diplo/intel. 11166 40122 48265 20039 03239	FSK 200/1000	(AB-J)



F06	12153	25-3	0700	Thu	Russian diplo/intel. Headers: 11166 70202 32547 24039 01599 and 11166 70202 65471 24040 01839	FSK 200/1000	(AB)
F06	10671	25-3	0710	Thu	Russian diplo/intel. Headers: 11166 70202 32547 24039 01599 and 11166 70202 65471 24040 01839	FSK 200/1000	(AB)
F06	8093	25-3	0720	Thu	Russian diplo/intel. Headers: 11166 70202 32547 24039 01599 and 11166 70202 65471 24040 01839	FSK 200/1000	(AB)
F06	18969	25-3	0900	Thu	Russian diplo/intel. Header: 11166 00052 36152 24081 02639	FSK 200/1000	(AB-RUS)
F06	16358	25-3	0910	Thu	Russian diplo/intel. Header: 11166 00052 36152 24081 02639	FSK 200/1000	(AB)
F06	14713	25-3	0920	Thu	Russian diplo/intel. Header: 11166 00052 36152 24081 02639	FSK 200/1000	(AB)
F06	13526	25-3	1200	Thu	Russian diplo/intel. Headers: 11166 70202 32547 24039 01599 and 11166 70202 65471 24040 01839	FSK 200/1000	(AB/MPJ-POL)
F06	11428	25-3	1210	Thu	Russian diplo/intel. Headers: 11166 70202 32547 24039 01599 and 11166 70202 65471 24040 01839	FSK 200/1000	(AB/MPJ-POL)
F06	8026	25-3	1220	Thu	Russian diplo/intel. Headers: 11166 70202 32547 24039 01599 and 11166 70202 65471 24040 01839	FSK 200/1000	(AB/MPJ-POL)
F06	16054	25-3	1330	Thu	Russian diplo/intel. 11166 80214 26587 25035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13471	25-3	1340	Thu	Russian diplo/intel. 11166 80214 26587 25035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11162	25-3	1350	Thu	Russian diplo/intel. 11166 80214 26587 25035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12153	26-3	0700	Fri	Russian diplo/intel. 11166 70202 79645 26078 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10671	26-3	0710	Fri	Russian diplo/intel. 11166 70202 79645 26078 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8093	26-3	0720	Fri	Russian diplo/intel. 11166 70202 79645 26078 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16245	28-3	1530	Sun	Russian diplo/intel. 11166 10053 35482 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14356	28-3	1540	Sun	Russian diplo/intel. 11166 10053 35482 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12138	28-3	1550	Sun	Russian diplo/intel. 11166 10053 35482 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13370	29-3	0200	Mon	Russian diplo/intel. Header: 11166 60146 00000 29027 03049	FSK 200/1000	(PY)
F06	11538	29-3	0210	Mon	Russian diplo/intel. Header: 11166 60146 00000 29027 03049	FSK 200/1000	(PY)
F06	10614	29-3	0220	Mon	Russian diplo/intel. Header: 11166 60146 00000 29027 03049	FSK 200/1000	(PY)
F06	11563	29-3	0300	Mon	Russian diplo/intel. Header: 11166 60146 00000 29027 03049	FSK 200/1000	(PY)
F06	10216	29-3	0310	Mon	Russian diplo/intel. Header: 11166 60146 00000 29027 03049	FSK 200/1000	(PY)
F06	9417	29-3	0320	Mon	Russian diplo/intel. Header: 11166 60146 00000 29027 03049	FSK 200/1000	(PY)
F06	12153	29-3	0700	Mon	Russian diplo/intel. Header: 11166 70202 21547 26041 02059	FSK 200/1000	(AB)
F06	10671	29-3	0710	Mon	Russian diplo/intel. Header: 11166 70202 21547 26041 02059	FSK 200/1000	(AB)
F06	8093	29-3	0720	Mon	Russian diplo/intel. Header: 11166 70202 21547 26041 02059	FSK 200/1000	(AB)
F06	13526	29-3	1200	Mon	Russian diplo/intel. Header: 11166 70202 21547 26041 02059	FSK 200/1000	(AB/MPJ)
F06	11428	29-3	1210	Mon	Russian diplo/intel. Header: 11166 70202 21547 26041 02059	FSK 200/1000	(AB/MPJ/RL)
F06	8026	29-3	1220	Mon	Russian diplo/intel. Header: 11166 70202 21547 26041 02059	FSK 200/1000	(AB/MPJ)
F06	13370	30-3	0200	Tue	Russian diplo/intel. Header: 11166 60146 00000 30028 02659	FSK 200/1000	(PY)
F06	11538	30-3	0210	Tue	Russian diplo/intel. Header: 11166 60146 00000 30028 02659	FSK 200/1000	(PY)
F06	10614	30-3	0220	Tue	Russian diplo/intel. Header: 11166 60146 00000 30028 02659	FSK 200/1000	(PY)
F06	11563	30-3	0300	Tue	Russian diplo/intel. Header: 11166 60146 00000 30028 02659	FSK 200/1000	(PY)
F06	10216	30-3	0310	Tue	Russian diplo/intel. Header: 11166 60146 00000 30028 02659	FSK 200/1000	(PY)
F06	9417	30-3	0320	Tue	Russian diplo/intel. Header: 11166 60146 00000 30028 02659	FSK 200/1000	(PY)

<b>F06</b>	12153	30-3	0700	Tue	Russian diplo/intel. Headers: 11166 70202 85412 29042 01739 and 11166 70202 35471 29043 01419	FSK 200/1000	(AB)
<b>F06</b>	10671	30-3	0710	Tue	Russian diplo/intel. Headers: 11166 70202 85412 29042 01739 and 11166 70202 35471 29043 01419	FSK 200/1000	(AB)
<b>F06</b>	8093	30-3	0720	Tue	Russian diplo/intel. Headers: 11166 70202 85412 29042 01739 and 11166 70202 35471 29043 01419	FSK 200/1000	(AB)
<b>F06</b>	13526	30-3	1200	Tue	Russian diplo/intel. Headers: 11166 70202 85412 29042 01739 and 11166 70202 35471 29043 01419	FSK 200/1000	(AB)
<b>F06</b>	11428	30-3	1210	Tue	Russian diplo/intel. Headers: 11166 70202 85412 29042 01739 and 11166 70202 35471 29043 01419	FSK 200/1000	(AB)
<b>F06</b>	8026	30-3	1220	Tue	Russian diplo/intel. Headers: 11166 70202 85412 29042 01739 and 11166 70202 35471 29043 01419	FSK 200/1000	(AB)
<b>F06</b>	16359	30-3	1650	Tue	Russian diplo/intel. 11166 10053 45689 30021 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ/RL)
<b>F06</b>	13986	30-3	1700	Tue	Russian diplo/intel. 11166 10053 45689 30021 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ/RL)
<b>F06</b>	11523	30-3	1710	Tue	Russian diplo/intel. 11166 10053 45689 30021 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ/RL)
<b>F06</b>	13370	31-3	0200	Wed	Russian diplo/intel. Header: unreadable, wrong shift	FSK 200/500	(PY)
<b>F06</b>	11538	31-3	0210	Wed	Russian diplo/intel. Header: unreadable, wrong shift. Cut off abruptly while sending the message	FSK 200/500	(PY)
<b>F06</b>	10614	31-3	0220	Wed	Russian diplo/intel. Header: unreadable, wrong shift	FSK 200/500	(PY)
<b>F06</b>	11563	31-3	0300	Wed	Russian diplo/intel. Header: 11166 60146 00000 31029 03049	FSK 200/1000	(PY)
<b>F06</b>	10216	31-3	0310	Wed	Russian diplo/intel. Header: 11166 60146 00000 31029 03049	FSK 200/1000	(PY)
<b>F06</b>	9417	31-3	0320	Wed	Russian diplo/intel. Header: 11166 60146 00000 31029 03049	FSK 200/1000	(PY)
<b>F06</b>	18189	31-3	0600	Wed	Russian diplo/intel. Headers: 11166 40122 56789 27040 01709 and 11166 40122 78901 27041 02369	FSK 200/1000	(AB-J)
<b>F06</b>	16046	31-3	0610	Wed	Russian diplo/intel. Headers: 11166 40122 56789 27040 01709 and 11166 40122 78901 27041 02369	FSK 200/1000	(AB-J)
<b>F06</b>	14459	31-3	0620	Wed	Russian diplo/intel. Headers: 11166 40122 56789 27040 01709 and 11166 40122 78901 27041 02369	FSK 200/1000	(AB-J)
<b>F06</b>	12153	31-3	0700	Wed	Russian diplo/intel. Header: 11166 70202 75921 30044 02519	FSK 200/1000	(AB)
<b>F06</b>	10671	31-3	0710	Wed	Russian diplo/intel. Header: 11166 70202 75921 30044 02519	FSK 200/1000	(AB)
<b>F06</b>	8093	31-3	0720	Wed	Russian diplo/intel. Header: 11166 70202 75921 30044 02519	FSK 200/1000	(AB)
<b>F06</b>	13526	31-3	1200	Wed	Russian diplo/intel. Header: 11166 70202 75921 30044 02519	FSK 200/1000	(AB/MPJ/RL)
<b>F06</b>	11428	31-3	1210	Wed	Russian diplo/intel. Header: 11166 70202 75921 30044 02519	FSK 200/1000	(AB/MPJ/RL)
<b>F06</b>	8026	31-3	1220	Wed	Russian diplo/intel. Header: 11166 70202 75921 30044 02519	FSK 200/1000	(AB/MPJ)
<b>F06a</b>	6895	4-3	0500	Thu	Russian diplo/intel. File 04464 (1216 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	5813	4-3	0515	Thu	Russian diplo/intel. File 04464 (1216 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	4799	4-3	0530	Thu	Russian diplo/intel. File 04464 (1216 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	6895	5-3	0500	Fri	Russian diplo/intel. File 04464 (1216 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	5813	5-3	0515	Fri	Russian diplo/intel. File 04464 (1216 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	4799	5-3	0530	Fri	Russian diplo/intel. File 04464 (1216 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	20440	6-3	1500	Sat	Russian diplo/intel. File: 04458 (1056 bytes)	FSK 200/1000	(AB-RUS/MPJ)
<b>F06a</b>	18726	6-3	1515	Sat	Russian diplo/intel. File: 04458 (1056 bytes)	FSK 200/1000	(AB-RUS/MPJ)
<b>F06a</b>	16139	6-3	1530	Sat	Russian diplo/intel. File: 04458 (1056 bytes)	FSK 200/1000	(AB-RUS/MPJ)

F06a	20440	7-3	1500	Sun	Russian diplo/intel. File: 04458 (1056 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	18726	7-3	1515	Sun	Russian diplo/intel. File: 04458 (1056 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	16139	7-3	1530	Sun	Russian diplo/intel. File: 04458 (1056 bytes)	FSK 200/1000	(AB-RUS/MPJ/RL)
F06a	6895	11-3	0500	Thu	Russian diplo/intel. File 04465 (1328 bytes)	FSK 200/1000	(AB)
F06a	5813	11-3	0515	Thu	Russian diplo/intel. File 04465 (1328 bytes)	FSK 200/1000	(AB)
F06a	4799	11-3	0530	Thu	Russian diplo/intel. File 04465 (1328 bytes)	FSK 200/1000	(AB)
F06a	6895	12-3	0500	Fri	Russian diplo/intel. File 04465 (1328 bytes)	FSK 200/1000	(AB)
F06a	5813	12-3	0515	Fri	Russian diplo/intel. File 04465 (1328 bytes)	FSK 200/1000	(AB)
F06a	4799	12-3	0530	Fri	Russian diplo/intel. File 04465 (1328 bytes)	FSK 200/1000	(AB)
F06a	20440	13-3	1500	Sat	Russian diplo/intel. File: 04459 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	18726	13-3	1515	Sat	Russian diplo/intel. File: 04459 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	16139	13-3	1530	Sat	Russian diplo/intel. File: 04459 (1024 bytes)	FSK 200/1000	(AB/MPJ)
F06a	20440	14-3	1500	Sun	Russian diplo/intel. File: 04459 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	18726	14-3	1515	Sun	Russian diplo/intel. File: 04459 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	16139	14-3	1530	Sun	Russian diplo/intel. File: 04459 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	6895	18-3	0500	Thu	Russian diplo/intel. File 04466 (1328 bytes)	FSK 200/1000	(AB)
F06a	5813	18-3	0515	Thu	Russian diplo/intel. File 04466 (1328 bytes)	FSK 200/1000	(AB)
F06a	9322	18-3	0530	Thu	Russian diplo/intel. File 04466 (1328 bytes)	FSK 200/1000	(AB)
F06a	6895	19-3	0500	Fri	Russian diplo/intel. File 04466 (1328 bytes)	FSK 200/1000	(AB)
F06a	5813	19-3	0515	Fri	Russian diplo/intel. File 04466 (1328 bytes)	FSK 200/1000	(AB)
F06a	4799	19-3	0530	Fri	Russian diplo/intel. File 04466 (1328 bytes)	FSK 200/1000	(AB)
F06a	20440	20-3	1500	Sat	Russian diplo/intel. File: 04460 (1088 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	18726	20-3	1515	Sat	Russian diplo/intel. File: 04460 (1088 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	16139	20-3	1530	Sat	Russian diplo/intel. File: 04460 (1088 bytes)	FSK 200/1000	(AB/MPJ)
F06a	20440	21-3	1500	Sun	Russian diplo/intel. File: 04460 (1088 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	18726	21-3	1515	Sun	Russian diplo/intel. File: 04460 (1088 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	16139	21-3	1530	Sun	Russian diplo/intel. File: 04460 (1088 bytes)	FSK 200/1000	(AB/MPJ)
F06a	6895	25-3	0500	Thu	Russian diplo/intel. File 04467 (992 bytes)	FSK 200/1000	(AB)
F06a	5813	25-3	0515	Thu	Russian diplo/intel. File 04467 (992 bytes)	FSK 200/1000	(AB)
F06a	4799	25-3	0530	Thu	Russian diplo/intel. File 04467 (992 bytes)	FSK 200/1000	(AB)
F06a	6895	26-3	0500	Fri	Russian diplo/intel. File 04467 (992 bytes)	FSK 200/1000	(AB)
F06a	5813	26-3	0515	Fri	Russian diplo/intel. File 04467 (992 bytes)	FSK 200/1000	(AB)
F06a	4799	26-3	0530	Fri	Russian diplo/intel. File 04467 (992 bytes)	FSK 200/1000	(AB)
F06a	20440	27-3	1500	Sat	Russian diplo/intel. File: 04461 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	18726	27-3	1515	Sat	Russian diplo/intel. File: 04461 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	16139	27-3	1530	Sat	Russian diplo/intel. File: 04461 (1024 bytes)	FSK 200/1000	(AB/MPJ)
F06a	20440	28-3	1500	Sun	Russian diplo/intel. File: 04461 (1024 bytes)	FSK 200/1000	(AB-RUS)
F06a	18726	28-3	1515	Sun	Russian diplo/intel. File: 04461 (1024 bytes)	FSK 200/1000	(AB-RUS)
F06a	16139	28-3	1530	Sun	Russian diplo/intel. File: 04461 (1024 bytes)	FSK 200/1000	(AB)
G06	5934	11-3	1830	Thu	579 348 20 68836 81082 19019 ... 01686 76781 93763 348 20 00000	USB	(AB-D/MPJ)
HM01	9240	1-3	0858	Mon	51514 44183 62432 46057 44658 31544 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	11435	1-3	1600	Mon	51514 44183 62432 46057 44658 31544 (repeat of 21 Feb)	AM/RDFT	(RR2)

HM01	11435	1-3	1628	Mon	75303 50751 37182 21666 12427 72422	AM/RDFT	(AB-USA)
HM01	11530	1-3	1658	Mon	75303 50751 37182 21666 12427 72422. Files 45747530.TXT 81285075.TXT 06063718.TXT 00572166.TXT 31541242.TXT 36627242.F1G	AM/RDFT	(AB-USA/RR2)
HM01	11530	1-3	1758	Mon	75303 50751 37182 21666 12427 72422. Should be on 11635 kHz. Switched at 1800 UTC	AM/RDFT	(AB-USA)
HM01	11635	1-3	1800	Mon	75303 50751 37182 21666 12427 72422	AM/RDFT	(AB-USA)
HM01	11435	2-3	1500	Tue	75304 50752 37183 21667 83561 72423	AM/RDFT	(RR2)
HM01	11530	2-3	1558	Tue	75304 50752 37183 21667 83561 72423 Files 45747530.TXT 81285075.TXT 06063718.TXT 00572166.TXT 65868356.TXT 36627242.F1G	AM/RDFT	(AB-DOM)
HM01	11435	3-3	1600	Wed	75305 50753 37184 21668 83561 72424	AM/RDFT	(RR2)
HM01	11435	3-3	1658	Wed	75305 50753 37184 21668 83561 72424 should be on 11530 kHz	AM/RDFT	(AB-USA)
HM01	11530	3-3	1702	Wed	75305 50753 37184 21668 83561 72424	AM/RDFT	(AB-USA)
HM01	11635	3-3	1758	Wed	75305 50753 37184 21668 83561 72424 Files 45747530.TXT 81285075.TXT 06063718.TXT 00572166.TXT 65868356.TXT 36627242.F1G	AM/RDFT	(AB-USA)
HM01	11435	4-3	1600	Thu	75306 50754 37185 21669 83562 72425	AM/RDFT	(RR2)
HM01	11530	4-3	1658	Thu	75306 50754 37185 21669 83562 72425 Files 45747530.TXT 81285075.TXT 06063718.TXT 00572166.TXT 65868356.TXT 36627242.F1G	AM/RDFT	(AB-DOM)
HM01	17480	4-3	2159	Thu	75306 50754 37185 21669 83562 72425	AM/RDFT	(RL)
HM01	11435	5-3	1600	Fri	75307 50755 37186 42341 83563 72426	AM/RDFT	(RR2)
HM01	11530	5-3	1658	Fri	75307 50755 37186 42341 83563 72426 Files 45747530.TXT 81285075.TXT 06063718.TXT 36104234.F1G 65868356.TXT 36627242.F1G	AM/RDFT	(AB-USA)
HM01	11435	6-3	1600	Sat	75308 50756 37187 42341 83564 72427	AM/RDFT	(RR2)
HM01	11530	6-3	1658	Sat	75308 50756 37187 42341 83564 72427 Files 45747530.TXT 81285075.TXT 06063718.TXT 36104234.F1G 65868356.TXT 36627242.F1G	AM/RDFT	(AB-USA)
HM01	9065	7-3	0758	Sun	75308 50756 37187 42341 83564 72427	AM/RDFT	(AB)
HM01	11435	7-3	1558	Sun	05161 50757 75721 42342 83565 72428 Files 20620516.TXT 81285075.TXT 50657572.F1C 36104234.F1G 65868356.TXT 36627242.F1G	AM/RDFT	(AB-USA/RR2)
HM01	11530	7-3	1658	Sun	05161 50757 75721 42342 83565 72428	AM/RDFT	(AB-USA)
HM01	11435	8-3	1600	Mon	05161 22341 75721 42343 83566 72429	AM/RDFT	(RR2)
HM01	11530	8-3	1658	Mon	05161 22341 75721 42343 83566 72429 Files 20620516.TXT 07882234.TXT 50657572.F1C 36104234.F1G 65868356.TXT 36627242.F1G	AM/RDFT	(AB-USA)
HM01	11530	9-3	1700	Tue	05162 22341 75722 42344 83567 55481	AM/RDFT	(RR2)
HM01	11635	9-3	1828	Tue	05162 22341 75722 42344 83567 55481 Files 20620516.TXT 07882234.TXT 50657572.F1C 36104234.F1G 65868356.TXT 67205548.TXT	AM/RDFT	(AB-USA)
HM01	16180	9-3	2100	Tue	05162 22341 75722 42344 83567 55481	AM/RDFT	(RL)
HM01	17480	9-3	2200	Tue	05162 22341 75722 42344 83567 55481	AM/RDFT	(RL)
HM01	11435	10-3	1628	Wed	05163 22342 75723 42345 38221 55481 Files 20620516.TXT 07882234.TXT 50657572.F1C 36104234.F1G 83033822.TXT 67205548.TXT	AM/RDFT	(AB-USA/RR2)
HM01	11435	11-3	1600	Thu	05164 22343 75724 42346 38221 55482	AM/RDFT	(RR2)
HM01	11530	11-3	1658	Thu	05164 22343 75724 42346 38221 55482 Files 20620516.TXT 07882234.TXT 50657572.F1C 36104234.F1G 83033822.TXT 67205548.TXT	AM/RDFT	(AB-USA)
HM01	9330	12-3	0658	Fri	05164 22343 75724 42346 38221 55482	AM/RDFT	(AB)

HM01	11435	12-3	1628	Fri	05165 22344 75725 42347 38222 55483 Files 20620516.TXT 07882234.TXT 50657572.F1C 36104234.F1G 83033822.TXT 67205548.TXT	AM/RDFT	(AB-ANT)
HM01	11530	12-3	1658	Fri	05165 22344 75725 42347 38222 55483	AM/RDFT	(AB-ANT/RR2)
HM01	11435	13-3	1630	Sat	05166 22345 75726 42348 38223 55484	AM/RDFT	(RR2)
HM01	11530	13-3	1658	Sat	05166 22345 75726 42348 38223 55484 Files 20620516.TXT 07882234.TXT 50657572.F1C 36104234.F1G 83033822.TXT 67205548.TXT	AM/RDFT	(AB-USA)
HM01	9330	14-3	0758	Sun	05166 22345 75726 42348 38223 55484	AM/RDFT	(AB)
HM01	11530	14-3	1728	Sun	05167 22346 75726 81501 38224 55485 Files 20620516.TXT 07882234.TXT 50657572.F1C 18868150.TXT 83033822.TXT 67205548.TXT	AM/RDFT	(AB-USA)
HM01	10715	14-3	2230	Sun	05167 22346 75727 81501 38224 55485	AM/RDFT	(RR2)
HM01	11435	15-3	1613	Mon	Late start 05167 22346 75727 81501 38224 55485 (repeat of 14 March)	AM/RDFT	(RR2)
HM01	11435	15-3	1628	Mon	05167 22346 75727 81501 38224 55485 (repeat of 14 March)	AM/RDFT	(AB/RR2)
HM01	11530	16-3	1658	Tue	05021 06631 02232 81503 38227 24561 Files 76620502.TXT 61140663.TXT 50880223.F1C 18868150.TXT 83033822.TXT 48682456.TXT	AM/RDFT	(AB-USA/RR2)
HM01	9240	17-3	0858	Wed	05021 06631 02232 81503 38227 24561 (repeat of 16 March)	AM/RDFT	(AB)
HM01	11435	17-3	1627	Wed	05022 06632 02233 81504 38228 24561	AM/RDFT	(RR2)
HM01	11530	17-3	1658	Wed	05022 06632 02233 81504 38228 24561 Files 76620502.TXT 61140663.TXT 50880223.F1C 18868150.TXT 83033822.TXT 48682456.TXT	AM/RDFT	(AB-USA)
HM01	11435	18-3	1600	Thu	05023 06633 02234 81505 50741 24562	AM/RDFT	(RR2)
HM01	11530	18-3	1658	Thu	05023 06633 02234 81505 50741 24562 Files 76620502.TXT 61140663.TXT 50880223.F1C 18868150.TXT 66785074.TXT 48682456.TXT	AM/RDFT	(AB-USA)
HM01	17480	18-3	2159	Thu	05023 06633 02234 81505 50741 24562	AM/RDFT	(RL)
HM01	11435	19-3	1628	Fri	05024 06634 02235 81506 50741 24563 Files 76620502.TXT 61140663.TXT 50880223.F1C 18868150.TXT 66785074.TXT 48682456.TXT	AM/RDFT	(AB-USA/RR2)
HM01	11530	19-3	1658	Fri	05024 06634 02235 81506 50741 24563	AM/RDFT	(AB-USA)
HM01	11635	19-3	1811	Fri	Late start. Started already in progres. Stopped and restarted several times. 05024 06634 02235 81506 50741 24563	AM/RDFT	(AB-USA)
HM01	11435	20-3	1558	Sat	05025 06635 02236 81507 50742 24564 Files 76620502.TXT 61140663.TXT 50880223.F1C 18868150.TXT 66785074.TXT 48682456.TXT	AM/RDFT	(AB-USA)
HM01	11435	20-3	1600	Sat	05025 06635 02236 81507 50742 24564	AM/RDFT	(RR2)
HM01	17480	20-3	2200	Sat	05025 06635 02236 81507 50742 24564	AM/RDFT	(Dan)
HM01	11435	21-3	1601	Sun	Started while already i.p. 05026 06636 02237 56481 50743 24565 Files 76620502.TXT 61140663.TXT 50880223.F1C 12885648.TXT 66785074.TXT 48682456.TXT	AM/RDFT	(AB-USA)
HM01	11435	21-3	1630	Sun	05026 06636 02237 56481 50743 24565	AM/RDFT	(RR2)
HM01	11435	22-3	1627	Mon	05026 06636 02237 56481 50743 24565	AM/RDFT	(RR2)
HM01	11530	22-3	1658	Mon	05026 06636 02237 56481 50743 24565 Files 76620502.TXT 61140663.TXT 50880223.F1C 12885648.TXT 66785074.TXT 48682456.TXT	AM/RDFT	(AB-USA)
HM01	11635	22-3	1658	Mon	05026 06636 02237 56481 50743 24565	AM/RDFT	(AB-USA)
HM01	11435	23-3	1600	Tue	05026 06636 02237 56481 50743 24565 (repeat of 22 March)	AM/RDFT	(AB-USA/RR2)
HM01	17480	23-3	2200	Tue	05026 06636 02237 56481 50743 24565 (repeat of 22 March)	AM/RDFT	(Dan)
HM01	11530	24-3	1658	Wed	05026 06636 02237 56481 50743 24565 (repeat of 22 March)	AM/RDFT	(AB-USA/RR2)
HM01	11435	25-3	1630	Thu	05026 06636 02237 56481 50743 24565 (repeat of 22 March)	AM/RDFT	(RR2/AB-USA)
HM01	17480	25-3	2159	Thu	05026 06636 02237 56481 50743 24565 (repeat of 22 March)	AM/RDFT	(RL/Dan)



<b>HM01</b>	11435	26-3	1630	Fri	05026 06636 02237 56481 50743 24565 (repeat of 22 March)	AM/RDFT	(RR2)
<b>HM01</b>	11530	27-3	1658	Sat	05026 06636 02237 56481 50743 24565 (repeat of 22 March)	AM/RDFT	(AB-USA/RR2)
<b>HM01</b>	17480	27-3	2159	Sat	05026 06636 02237 56481 50743 24565 (repeat of 22 March)	AM/RDFT	(RL)
<b>HM01</b>	11435	28-3	1617	Sun	i.p. 05026 06636 02237 56481 50743 24565 (repeat of 22 March)	AM/RDFT	(AB-USA)
<b>HM01</b>	11635	28-3	2100	Sun	05026 06636 02237 56481 50743 24565 (repeat of 22 March)	AM/RDFT	(RR2)
<b>HM01</b>	9330	29-3	0746	Mon	i.p. 05026 06636 02237 56481 50743 24565 (repeat of 22 March)	AM/RDFT	(AB)
<b>HM01</b>	11435	29-3	1558	Mon	05026 06636 02237 56481 50743 24565 (repeat of 22 March)	AM/RDFT	(AB-USA)
<b>HM01</b>	11435	29-3	1630	Mon	05026 06636 02237 56481 50743 24565 (repeat of 22 March)	AM/RDFT	(RR2)
<b>HM01</b>	11435	30-3	1557	Tue	05026 06636 02237 56481 50743 24565 (repeat of 22 March)	AM/RDFT	(RR2)
<b>HM01</b>	17480	30-3	2159	Tue	05026 06636 02237 56481 50743 24565 (repeat of 22 March)	AM/RDFT	(RL)
<b>HM01</b>	11435	31-3	1558	Wed	05026 06636 02237 56481 50743 24565 (repeat of 22 March)	AM/RDFT	(AB-USA/RR2)
<b>M01</b>	5475	2-3	1800	Tue	463 843 843 30 30 = = 09743 79096 26075 ... 81173 33988 66152 = = 843 843 30 30 00	CW	(AB)
<b>M01</b>	5020	2-3	2000	Tue	463 399 399 30 30 = = 26962 88088 86750 ... 91584 03394 36470 = = 399 399 30 30 000	CW	(AB/HFD)
<b>M01</b>	5475	4-3	1800	Thu	463 078 078 30 30 = = 64882 77278 93986 ... 99478 58124 26307 = = 078 078 30 30 000	CW	(AB/MPJ)
<b>M01</b>	5020	4-3	2000	Thu	463 862 862 30 30 = = 37614 59544 27400 ... 70375 96651 45793 = = 862 862 30 30 000 sent only 29 groups	CW	(AB)
<b>M01</b>	6260	6-3	1500	Sat	463 732 732 30 30 = = 71001 27998 82526 ... 06349 70575 47614 = = 732 732 30 30 000	CW	(AB/MPJ-HNG)
<b>M01</b>	6510	7-3	0700	Sun	463 733 733 30 30 = = 60770 10212 53906 ... 64646 04974 38656 = = 733 733 30 30 000	USB	(AB)
<b>M01</b>	5475	9-3	1800	Tue	463 398 398 30 30 = = 43576 69496 81339 ... 65514 81950 20276 = = 398 398 30 30 000	CW	(AB/HFD)
<b>M01</b>	5020	9-3	2000	Tue	463 926 926 30 30 = = 47979 43283 28552 ... 02820 24321 40279 = = 926 926 30 30 000	CW	(AB)
<b>M01</b>	5475	11-3	1800	Thu	463 2875 285 30 30 = = 19709 89628 39947 ... 04156 01726 36716 = = 30 30 000. Many errors	CW	(AB/MPJ)
<b>M01</b>	5020	11-3	2000	Thu	463 526 526 30 30 = = 08998 08077 31048 ... 20231 71341 69541 = = 526 526 30 30 000	CW	(AB)
<b>M01</b>	6260	13-3	1500	Sat	463 486 486 30 30 = = 93434 62387 66709 ... 64888 58805 13520 = = 486 486 30 30 000	CW	(AB/MPJ)
<b>M01</b>	6510	14-3	0700	Sun	463 521 521 30 30 = = 24490 91991 48981 ... 12212 21527 10935 = = 521 521 30 30 000	USB	(AB)
<b>M01</b>	5475	16-3	1800	Tue	463 333 333 30 30 = = 90267 89137 84779 ... 71745 31584 74511 = = 333 333 30 30 000	CW	(AB/MPJ)
<b>M01</b>	5020	16-3	2000	Tue	463 705 705 30 30 = = 93606 45323 22946 ... 37911 07123 26682 = = 705 705 30 30 000	CW	(AB)
<b>M01</b>	5475	18-3	1800	Thu	463 834 834 30 30 = = 44866 51086 15605 ... 55764 46387 10659 = = 834 834 30 30 000	CW	(AB/MPJ)
<b>M01</b>	5020	18-3	2000	Thu	Many errors. 463 837 837 30 30 99156 98030 9803 18861 ... 18867245 2452366 226 = = 837 83303 000	CW	(AB)

<b>M01</b>	6260	20-3	1500	Sat	463 318 318 30 30 = = 65014 37834 22438 ... 93479 99393 66822 = = 318 318 30 30 000	CW	(AB/MPJ-HOL)
<b>M01</b>	6510	21-3	0700	Sun	463 521 521 30 30 = = 05141 76311 30915 ... 93593 78335 17105 = = 521 521 30 30 000	USB	(AB)
<b>M01</b>	5475	23-3	1800	Tue	463 137 137 30 30 = = 47168 40471 51597 ... 95854 81241 46199 = = 137 137 30 30 000	CW	(AB/MPJ)
<b>M01</b>	5020	23-3	2000	Tue	463 423 423 30 30 = = 80506 50286 67681 ... 34567 59640 21617 = = 423 423 30 30 000	CW	(AB)
<b>M01</b>	5475	25-3	1800	Thu	463 876 876 30 30 = = 26314 90410 45382 ... 70523 77856 74453 = = 876 876 30 30 000	CW	(AB/MPJ)
<b>M01</b>	5020	25-3	2000	Thu	463 869 869 30 30 = = 54530 61204 18763 ... 87664 63868 92565 = = 869 869 30 30 000	CW	(AB)
<b>M01</b>	6260	27-3	1500	Sat	463 632 632 30 30 = = 54879 41958 60322 ... 63920 03874 66593 = = 632 632 30 30 000	CW	(AB/MPJ)
<b>M01</b>	5475	30-3	1800	Tue	463 136 136 30 30 = = 57264 89325 62411 ... 90841 54771 33623 = = 136 136 30 30 000	CW	(AB/MPJ)
<b>M01</b>	5020	30-3	2000	Tue	463 172 172 30 30 = = 19037 77292 91089 ... 53178 28359 02958 = = 172 172 30 30 000	CW	(AB)
<b>M01a</b>	3396	2-3	1723	Tue	111 999 111 999 111 99 830 10 = 09854 14230 75433 45957 24851 14230 23654 12345 32141 67657 = 830 10 111 000	CW	(Tom)
<b>M01a</b>	4095	2-3	1835	Tue	492	CW	(Tom)
<b>M01a</b>	4095	2-3	1840	Tue	086	CW	(Tom)
<b>M01a</b>	6847	19-3	0825	Fri	398 398 81949 81949 81949	CW	(F5JBR)
<b>M01a</b>	5878	19-3	0848	Fri	i.p. 31101 23029 53455 32628 35847 111 35847 52095 65665 64587 79590 = 721 24 111 000	CW	(F5JBR)
<b>M12</b>	14377	1-3	1300	Mon	317 317 317 1 324 98 324 98 84202 41801 95115 ... 25291 34814 22954 000 000	CW	(AB/MPJ)
<b>M12</b>	13461	1-3	1320	Mon	317 317 317 1 324 98 324 98 84202 41801 95115 ... 25291 34814 22954 000 000	CW	(AB/MPJ)
<b>M12</b>	12114	1-3	1340	Mon	317 317 317 1 324 98 324 98 84202 41801 95115 ... 25291 34814 22954 000 000	CW	(AB/MPJ)
<b>M12</b>	8164	1-3	2210	Mon	197 197 197 000	CW	(AB)
<b>M12</b>	6964	1-3	2230	Mon	197 197 197 000	CW	(AB)
<b>M12</b>	5863	2-3	0030	Tue	841 841 841 000	CW	(AB)
<b>M12</b>	7463	2-3	0050	Tue	841 841 841 000	CW	(AB)
<b>M12</b>	9137	2-3	0530	Tue	135 135 135 1 8798 106 8798 106 61937 81923 63898 ... 92352 19903 55077 000 000	CW	(AB-RUS)
<b>M12</b>	10484	2-3	0550	Tue	135 135 135 1 8798 106 8798 106 61937 81923 63898 ... 92352 19903 55077 000 000	CW	(AB-RUS)
<b>M12</b>	11552	2-3	0610	Tue	135 135 135 1 8798 106 8798 106 61937 81923 63898 ... 92352 19903 55077 000 000	CW	(AB-RUS)
<b>M12</b>	14377	2-3	1200	Tue	317 317 317 1 324 98 324 98 84202 41801 95115 ... 25291 34814 22954 000 000	CW	(AB)
<b>M12</b>	13461	2-3	1220	Tue	317 317 317 1 324 98 324 98 84202 41801 95115 ... 25291 34814 22954 000 000	CW	(AB)
<b>M12</b>	12114	2-3	1240	Tue	317 317 317 1 324 98 324 98 84202 41801 95115 ... 25291 34814 22954 000 000	CW	(AB)
<b>M12</b>	15848	3-3	0800	Wed	841 841 841 1 1813 89 183 89 56820 69963 73382 ... 57248 85657 40357 000 000	CW	(AB-RUS)
<b>M12</b>	17448	3-3	0820	Wed	841 841 841 1 1813 89 183 89 56820 69963 73382 ... 57248 85657 40357 000 000	CW	(AB-RUS)
<b>M12</b>	19148	3-3	0840	Wed	841 841 841 1 1813 89 183 89 56820 69963 73382 ... 57248 85657 40357 000 000	CW	(AB-RUS)
<b>M12</b>	12162	3-3	1710	Wed	546 546 546 1 4069 113 4069 113 25754 20597 99675 ... 49479 51051 01707 000 000	CW	(AB/HFD)
<b>M12</b>	11566	3-3	1730	Wed	546 546 546 1 4069 113 4069 113 25754 20597 99675 ... 49479 51051 01707 000 000	CW	(AB/HFD)

M12	10711	3-3	1750	Wed	546 546 546 1 4069 113 4069 113 25754 20597 99675 ... 49479 51051 01707 000 000	CW	(AB/HFD)
M12	10172	3-3	2050	Wed	105 105 105 000	CW	(AB/HFD)
M12	9072	3-3	2110	Wed	105 105 105 000	CW	(AB/HFD)
M12	16162	4-3	1700	Thu	546 546 546 1 3249 107 3249 107 29327 58103 56005 ... 54158 71849 90869 000 000	CW	(AB)
M12	11566	4-3	1720	Thu	546 546 546 1 3249 107 3249 107 29327 58103 56005 ... 54158 71849 90869 000 000	CW	(AB)
M12	10711	4-3	1740	Thu	546 546 546 1 3249 107 3249 107 29327 58103 56005 ... 54158 71849 90869 000 000	CW	(AB)
M12	16162	4-3	1800	Thu	546 546 546 1 6169 109 6169 109 69128 27160 38861 ... 33823 42092 32235 000 000	CW	(AB)
M12	11566	4-3	1820	Thu	546 546 546 1 6169 109 6169 109 69128 27160 38861 ... 33823 42092 32235 000 000	CW	(AB)
M12	10711	4-3	1840	Thu	546 546 546 1 6169 109 6169 109 69128 27160 38861 ... 33823 42092 32235 000 000	CW	(AB)
M12	14377	4-3	2000	Thu	317 317 317 1 6819 103 6819 103 29663 79053 43488 ... 81374 74393 29695 000 000	CW	(AB-RUS)
M12	13461	4-3	2020	Thu	317 317 317 1 6819 103 6819 103 29663 79053 43488 ... 81374 74393 29695 000 000	CW	(AB-RUS)
M12	12114	4-3	2040	Thu	317 317 317 1 6819 103 6819 103 29663 79053 43488 ... 81374 74393 29695 000 000	CW	(AB-RUS)
M12	8164	4-3	2210	Thu	197 197 197 000	CW	(RL)
M12	6964	4-3	2230	Thu	197 197 197 000	CW	(RL)
M12	10172	5-3	2050	Fri	105 105 105 000	CW	(AB/RL)
M12	9072	5-3	2110	Fri	105 105 105 000	CW	(AB/RL)
M12	8126	5-3	2200	Fri	178 178 178 1 2096 102 2096 102 099 11562 34099 61080 ... 76984 15293 60954 000 000	CW	(AB-RUS/RL)
M12	7526	5-3	2220	Fri	178 178 178 1 2096 102 2096 102 099 11562 34099 61080 ... 76984 15293 60954 000 000	CW	(AB-RUS/RL)
M12	6826	5-3	2240	Fri	178 178 178 1 2096 102 2096 102 099 11562 34099 61080 ... 76984 15293 60954 000 000	CW	(AB-RUS/RL)
M12	15848	7-3	0800	Sun	841 841 841 1 1813 89 183 89 56820 69963 73382 ... 57248 85657 40357 000 000	CW	(AB)
M12	17448	7-3	0820	Sun	841 841 841 1 1813 89 183 89 56820 69963 73382 ... 57248 85657 40357 000 000	CW	(AB-RUS)
M12	19148	7-3	0840	Sun	841 841 841 1 1813 89 183 89 56820 69963 73382 ... 57248 85657 40357 000 000	CW	(AB-RUS)
M12	14377	8-3	1300	Mon	317 1 4505 100 52612 77499 80362 ... 46264 07490 76171 000 000	CW	(MPJ)
M12	13461	8-3	1320	Mon	317 1 4505 100 52612 77499 80362 ... 46264 07490 76171 000 000	CW	(MPJ)
M12	12114	8-3	1340	Mon	317 1 4505 100 52612 77499 80362 ... 46264 07490 76171 000 000	CW	(MPJ)
M12	8164	8-3	2210	Mon	197 197 197 1 6508 68 6508 68 71530 43144 44349 ... 39899 65973 78347 000 000	CW	(AB/RL/HFD)
M12	6964	8-3	2230	Mon	197 197 197 1 6508 68 6508 68 71530 43144 44349 ... 39899 65973 78347 000 000	CW	(AB/RL/HFD)
M12	5764	8-3	2250	Mon	197 197 197 1 6508 68 6508 68 71530 43144 44349 ... 39899 65973 78347 000 000	CW	(AB/RL/HFD)
M12	9157	8-3	2300	Mon	917 917 917 000	CW	(AB/RL)
M12	7957	8-3	2320	Mon	917 917 917 000	CW	(AB/RL)
M12	5863	9-3	0030	Tue	841 841 841 1 528 83 528 83 39222 88946 76247 ... 24383 39748 61042 000 000	CW	(AB)
M12	7463	9-3	0050	Tue	841 841 841 1 528 83 528 83 39222 88946 76247 ... 24383 39748 61042 000 000	CW	(AB)
M12	8163	9-3	0110	Tue	841 841 841 1 528 83 528 83 39222 88946 76247 ... 24383 39748 61042 000 000	CW	(AB)
M12	9137	9-3	0530	Tue	135 135 135 1 9272 113 9272 113 07943 22579 09418 ... 30770 74431 04746 000 000	CW	(AB/HFD)
M12	10484	9-3	0550	Tue	135 135 135 1 9272 113 9272 113 07943 22579 09418 ... 30770 74431 04746 000 000	CW	(AB/HFD)
M12	11552	9-3	0610	Tue	135 135 135 1 9272 113 9272 113 07943 22579 09418 ... 30770 74431 04746 000 000	CW	(AB/HFD)
M12	14377	9-3	1200	Tue	317 317 317 1 4495 95 4495 95 77868 68951 12549 ... 11294 48289 81529 000 000	CW	(AB/MPJ/ES/HFD)
M12	13461	9-3	1220	Tue	317 317 317 1 4495 95 4495 95 77868 68951 12549 ... 11294 48289 81529 000 000	CW	(AB/MPJ/ES/HFD)
M12	12114	9-3	1240	Tue	317 317 317 1 4495 95 4495 95 77868 68951 12549 ... 11294 48289 81529 000 000	CW	(AB/MPJ/ES/HFD)
M12	15848	10-3	0800	Wed	841 841 841 000	CW	(AB/HFD)



M12	17448	10-3	0820	Wed	841 841 841 000	CW	(AB/HFD)
M12	12162	10-3	1710	Wed	546 546 546 1 8695 104 8695 104 08298 56183 26222 ... 84726 58266 78173 000 000	CW	(AB)
M12	11566	10-3	1730	Wed	546 546 546 1 8695 104 8695 104 08298 56183 26222 ... 84726 58266 78173 000 000	CW	(AB)
M12	10711	10-3	1750	Wed	546 546 546 1 8695 104 8695 104 08298 56183 26222 ... 84726 58266 78173 000 000	CW	(AB)
M12	10267	11-3	0110	Thu	229 229 229 1 8376 64 8367 64 19877 60376 69275 ... 44657 96700 02812 000 000	CW	(AB/RL)
M12	9267	11-3	0130	Thu	229 229 229 1 8376 64 8367 64 19877 60376 69275 ... 44657 96700 02812 000 000	CW	(AB/RL)
M12	8067	11-3	0150	Thu	229 229 229 1 8376 64 8367 64 19877 60376 69275 ... 44657 96700 02812 000 000	CW	(AB/RL)
M12	16162	11-3	1700	Thu	546 546 546 1 1651 106 1651 106 82480 14435 92387 ... 84097 99482 43733 000 000	CW	(AB/HFD)
M12	11566	11-3	1720	Thu	546 546 546 1 1651 106 1651 106 82480 14435 92387 ... 84097 99482 43733 000 000	CW	(AB/HFD)
M12	10711	11-3	1740	Thu	546 546 546 1 1651 106 1651 106 82480 14435 92387 ... 84097 99482 43733 000 000	CW	(AB/HFD)
M12	16162	11-3	1800	Thu	546 546 546 1 8167 112 8167 112 12162 44237 15170 ... 01909 67229 72828 000 000	CW	(AB/HFD)
M12	11566	11-3	1820	Thu	546 546 546 1 8167 112 8167 112 12162 44237 15170 ... 01909 67229 72828 000 000	CW	(AB/HFD)
M12	10711	11-3	1840	Thu	546 546 546 1 8167 112 8167 112 12162 44237 15170 ... 01909 67229 72828 000 000	CW	(AB/HFD)
M12	14377	11-3	2000	Thu	317 317 317 1 8920 101 8920 101 33001 63269 65773 ... 39962 95385 60904 000 000	CW	(AB-RUS)
M12	13461	11-3	2020	Thu	317 317 317 1 8920 101 8920 101 33001 63269 65773 ... 39962 95385 60904 000 000	CW	(AB-RUS)
M12	12114	11-3	2040	Thu	317 317 317 1 8920 101 8920 101 33001 63269 65773 ... 39962 95385 60904 000 000	CW	(AB-RUS)
M12	8164	11-3	2210	Thu	197 197 197 1 6508 68 6508 68 71530 43144 44349 ... 39899 65973 78347 000 000	CW	(AB/RL)
M12	6964	11-3	2230	Thu	197 197 197 1 6508 68 6508 68 71530 43144 44349 ... 39899 65973 78347 000 000	CW	(AB/RL)
M12	5764	11-3	2250	Thu	197 197 197 1 6508 68 6508 68 71530 43144 44349 ... 39899 65973 78347 000 000	CW	(AB/RL)
M12	9157	11-3	2300	Thu	917 917 917 000	CW	(AB/RL)
M12	7957	11-3	2320	Thu	917 917 917 000	CW	(AB/RL)
M12	5863	12-3	0030	Fri	841 841 841 1 528 83 528 83 39222 88946 76247 ... 24383 39748 61042 000 000	CW	(AB)
M12	7463	12-3	0050	Fri	841 841 841 1 528 83 528 83 39222 88946 76247 ... 24383 39748 61042 000 000	CW	(AB)
M12	8163	12-3	0110	Fri	841 841 841 1 528 83 528 83 39222 88946 76247 ... 24383 39748 61042 000 000	CW	(AB)
M12	10172	12-3	2050	Fri	105 105 105 000	CW	(AB/RL)
M12	9072	12-3	2110	Fri	105 105 105 000	CW	(AB/RL)
M12	8126	12-3	2200	Fri	178 178 178 1 2096 102 2096 102 11562 34099 61080 ... 76984 15293 60954 000 000	CW	(AB/RL/HFD)
M12	7526	12-3	2220	Fri	178 178 178 1 2096 102 2096 102 11562 34099 61080 ... 76984 15293 60954 000 000	CW	(AB/RL/HFD)
M12	6826	12-3	2240	Fri	178 178 178 1 2096 102 2096 102 11562 34099 61080 ... 76984 15293 60954 000 000	CW	(AB/RL/HFD)
M12	8126	13-3	2200	Sat	178 178 178 1 2096 102 2096 102 11562 34099 61080 ... 76984 15293 60954 000 000	CW	(AB)
M12	7526	13-3	2220	Sat	178 178 178 1 2096 102 2096 102 11562 34099 61080 ... 76984 15293 60954 000 000	CW	(AB)
M12	6826	13-3	2240	Sat	178 178 178 1 2096 102 2096 102 11562 34099 61080 ... 76984 15293 60954 000 000	CW	(AB)
M12	10267	14-3	0110	Sun	229 229 229 1 ...	CW	(HFD)
M12	9267	14-3	0130	Sun	229 229 229 1 ...	CW	(HFD)
M12	8067	14-3	0150	Sun	229 229 229 1 ...	CW	(HFD)
M12	15848	14-3	0800	Sun	841 841 841 000	CW	(AB)
M12	17448	14-3	0820	Sun	841 841 841 000	CW	(AB-RUS)
M12	14377	15-3	1300	Mon	317 317 317 1 6281 100 6281 100 16048 15216 96734 ... 93515 98014 28513 000 000	CW	(AB/MPJ/HFD)
M12	13461	15-3	1320	Mon	317 317 317 1 6281 100 6281 100 16048 15216 96734 ... 93515 98014 28513 000 000	CW	(AB/MPJ/HFD)
M12	12114	15-3	1340	Mon	317 317 317 1 6281 100 6281 100 16048 15216 96734 ... 93515 98014 28513 000 000	CW	(AB/MPJ/HFD)
M12	5863	16-3	0030	Tue	841 841 841 000	CW	(HFD)
M12	7463	16-3	0050	Tue	841 841 841 000	CW	(HFD)

M12	17463	16-3	0100	Tue	428 428 428 1 ...	CW	(HFD-J)
M12	16263	16-3	0120	Tue	428 428 428 1 ...	CW	(HFD-J)
M12	15863	16-3	0140	Tue	428 428 428 1 ...	CW	(HFD-J)
M12	9137	16-3	0530	Tue	135 135 135 1 7470 107 7470 107 62635 04987 64706 ... 86936 89533 69393 000 000	CW	(AB)
M12	10484	16-3	0550	Tue	135 135 135 1 7470 107 7470 107 62635 04987 64706 ... 86936 89533 69393 000 000	CW	(AB)
M12	11552	16-3	0610	Tue	135 135 135 1 7470 107 7470 107 62635 04987 64706 ... 86936 89533 69393 000 000	CW	(AB)
M12	14377	16-3	1200	Tue	317 317 317 1 9455 96 9455 96 57441 32859 56860 ... 32844 85457 98143 000 000	CW	(AB/MPJ)
M12	13461	16-3	1220	Tue	317 317 317 1 9455 96 9455 96 57441 32859 56860 ... 32844 85457 98143 000 000	CW	(AB/MPJ)
M12	12114	16-3	1240	Tue	317 317 317 1 9455 96 9455 96 57441 32859 56860 ... 32844 85457 98143 000 000	CW	(AB/MPJ)
M12	15848	17-3	0800	Wed	841 841 841 1 9688 92 9688 92 28783 28466 42128 ... 72056 52188 16202 000 000	CW	(AB)
M12	17448	17-3	0820	Wed	841 841 841 1 9688 92 9688 92 28783 28466 42128 ... 72056 52188 16202 000 000	CW	(AB-RUS)
M12	19148	17-3	0840	Wed	841 841 841 1 9688 92 9688 92 28783 28466 42128 ... 72056 52188 16202 000 000	CW	(AB-RUS)
M12	12162	17-3	1710	Wed	546 546 546 1 7491 109 7491 109 42650 09717 78332 ... 87983 21885 29212 000 000	CW	(AB/MPJ)
M12	11566	17-3	1730	Wed	546 546 546 1 7491 109 7491 109 42650 09717 78332 ... 87983 21885 29212 000 000	CW	(AB/MPJ)
M12	10711	17-3	1750	Wed	546 546 546 1 7491 109 7491 109 42650 09717 78332 ... 87983 21885 29212 000 000	CW	(AB/MPJ)
M12	10172	17-3	2050	Wed	105 105 105 000	CW	(AB-RUS/RL)
M12	9072	17-3	2110	Wed	105 105 105 000	CW	(AB-RUS/RL)
M12	16162	18-3	1700	Thu	546 546 546 1 4101 107 4101 107 14800 97399 17586 ... 02033 71453 04497 000 000	CW	(AB)
M12	11566	18-3	1720	Thu	546 546 546 1 4101 107 4101 107 14800 97399 17586 ... 02033 71453 04497 000 000	CW	(AB)
M12	10711	18-3	1740	Thu	546 546 546 1 4101 107 4101 107 14800 97399 17586 ... 02033 71453 04497 000 000	CW	(AB)
M12	16162	18-3	1800	Thu	546 546 546 1 3653 113 3653 113 72802 13398 88915 ... 25911 22249 78605 000 000	CW	(AB-RUS)
M12	11566	18-3	1820	Thu	546 546 546 1 3653 113 3653 113 72802 13398 88915 ... 25911 22249 78605 000 000	CW	(AB)
M12	10711	18-3	1840	Thu	546 546 546 1 3653 113 3653 113 72802 13398 88915 ... 25911 22249 78605 000 000	CW	(AB)
M12	14377	18-3	2000	Thu	317 317 317 1 8123 110 8123 110 26391 36974 20877 ... 59947 76534 63165 000 000	CW	(AB-RUS/HFD)
M12	13461	18-3	2020	Thu	317 317 317 1 8123 110 8123 110 26391 36974 20877 ... 59947 76534 63165 000 000	CW	(AB-RUS/HFD)
M12	12114	18-3	2040	Thu	317 317 317 1 8123 110 8123 110 26391 36974 20877 ... 59947 76534 63165 000 000	CW	(AB-RUS/HFD)
M12	8164	18-3	2210	Thu	197 197 197 000	CW	(AB/RL)
M12	6964	18-3	2230	Thu	197 197 197 000	CW	(AB/RL)
M12	9157	18-3	2300	Thu	917 1 396 87 76388 48670 26534 30312 58089 ... 56420 01450 86025 27422 86660 000 000	CW	(RL/HFD)
M12	7957	18-3	2320	Thu	917 1 396 87 76388 48670 26534 30312 58089 ... 56420 01450 86025 27422 86660 000 000	CW	(RL/HFD)
M12	6857	18-3	2340	Thu	917 1 396 87 76388 48670 26534 30312 58089 ... 56420 01450 86025 27422 86660 000 000	CW	(RL/HFD)
M12	5863	19-3	0030	Fri	841 841 841 000	CW	(AB)
M12	7463	19-3	0050	Fri	841 841 841 000	CW	(AB)
M12	10172	19-3	2050	Fri	105 105 105 000	CW	(AB-RUS/RL)
M12	9072	19-3	2110	Fri	105 105 105 000	CW	(AB/RL)
M12	8126	19-3	2200	Fri	178 178 178 1 6880 88 6880 88 60273 22001 43897 ... 83831 05566 47146 000 000	CW	(AB/RL)
M12	7526	19-3	2220	Fri	178 178 178 1 6880 88 6880 88 60273 22001 43897 ... 83831 05566 47146 000 000	CW	(AB/RL)
M12	6826	19-3	2240	Fri	178 178 178 1 6880 88 6880 88 60273 22001 43897 ... 83831 05566 47146 000 000	CW	(AB/RL)
M12	8126	20-3	2200	Sat	178 178 178 1 6880 88 6880 88 60273 22001 43897 ... 83831 05566 47146 000 000	CW	(AB)
M12	7526	20-3	2220	Sat	178 178 178 1 6880 88 6880 88 60273 22001 43897 ... 83831 05566 47146 000 000	CW	(AB)

M12	6826	20-3	2240	Sat	178 178 178 1 6880 88 6880 88 60273 22001 43897 ... 83831 05566 47146 000 000	CW	(AB)
M12	15848	21-3	0800	Sun	841 841 841 1 9688 92 9688 92 28783 28466 42128 ... 72056 52188 16202 000 000	CW	(AB)
M12	17448	21-3	0820	Sun	841 841 841 1 9688 92 9688 92 28783 28466 42128 ... 72056 52188 16202 000 000	CW	(AB-RUS)
M12	19148	21-3	0840	Sun	841 841 841 1 9688 92 9688 92 28783 28466 42128 ... 72056 52188 16202 000 000	CW	(AB-RUS)
M12	14377	22-3	1300	Mon	317 317 317 1 7655 104 7665 104 91904 85053 23511 ... 06640 63291 65851 000 000	CW	(AB-RUS/MPJ)
M12	13461	22-3	1320	Mon	317 317 317 1 7655 104 7665 104 91904 85053 23511 ... 06640 63291 65851 000 000	CW	(AB/MPJ)
M12	12114	22-3	1340	Mon	317 317 317 1 7655 104 7665 104 91904 85053 23511 ... 06640 63291 65851 000 000	CW	(AB/MPJ)
M12	9137	23-3	0530	Tue	135 135 135 1 2296 107 2296 107 10921 40351 29796 ... 22920 12613 07314 000 000	CW	(AB)
M12	10484	23-3	0550	Tue	135 135 135 1 2296 107 2296 107 10921 40351 29796 ... 22920 12613 07314 000 000	CW	(AB)
M12	11552	23-3	0610	Tue	135 135 135 1 2296 107 2296 107 10921 40351 29796 ... 22920 12613 07314 000 000	CW	(AB)
M12	14377	23-3	1200	Tue	317 317 317 1 7980 100 7980 100 26374 81699 19944 ... 70523 60803 89273 000 000	CW	(AB)
M12	13461	23-3	1220	Tue	317 317 317 1 7980 100 7980 100 26374 81699 19944 ... 70523 60803 89273 000 000	CW	(AB)
M12	12114	23-3	1240	Tue	317 317 317 1 7980 100 7980 100 26374 81699 19944 ... 70523 60803 89273 000 000	CW	(AB)
M12	15848	24-3	0800	Wed	841 841 841 000	CW	(AB)
M12	17448	24-3	0820	Wed	841 841 841 000	CW	(AB-RUS)
M12	12162	24-3	1710	Wed	546 546 546 1 3013 112 3013 112 32792 62295 93063 ... 37204 43552 88572 000 000	CW	(AB/MPJ)
M12	11566	24-3	1730	Wed	546 546 546 1 3013 112 3013 112 32792 62295 93063 ... 37204 43552 88572 000 000	CW	(AB/MPJ)
M12	10711	24-3	1750	Wed	546 546 546 1 3013 112 3013 112 32792 62295 93063 ... 37204 43552 88572 000 000	CW	(AB/MPJ)
M12	10172	24-3	2050	Wed	105 105 105 000	CW	(AB-RUS)
M12	9072	24-3	2110	Wed	105 105 105 000	CW	(AB-RUS/RL)
M12	16162	25-3	1700	Thu	546 546 546 1 4252 104 4252 104 67685 55491 90839 ... 77020 28206 17650 000 000	CW	(AB/MPJ)
M12	11566	25-3	1720	Thu	546 546 546 1 4252 104 4252 104 67685 55491 90839 ... 77020 28206 17650 000 000	CW	(AB/MPJ)
M12	10711	25-3	1740	Thu	546 546 546 1 4252 104 4252 104 67685 55491 90839 ... 77020 28206 17650 000 000	CW	(AB/MPJ)
M12	16162	25-3	1800	Thu	546 546 546 1 3301 106 3301 106 76724 99070 68258 ... 75032 91907 62482 000 000	CW	(AB-RUS)
M12	11566	25-3	1820	Thu	546 546 546 1 3301 106 3301 106 76724 99070 68258 ... 75032 91907 62482 000 000	CW	(AB)
M12	10711	25-3	1840	Thu	546 546 546 1 3301 106 3301 106 76724 99070 68258 ... 75032 91907 62482 000 000	CW	(AB)
M12	14377	25-3	2000	Thu	317 317 317 1 7346 104 7346 104 25806 23664 74306 ... 29991 92180 17943 000 000	CW	(AB-RUS)
M12	13461	25-3	2020	Thu	317 317 317 1 7346 104 7346 104 25806 23664 74306 ... 29991 92180 17943 000 000	CW	(AB-RUS)
M12	12114	25-3	2040	Thu	317 317 317 1 7346 104 7346 104 25806 23664 74306 ... 29991 92180 17943 000 000	CW	(AB-RUS)
M12	5764	25-3	2210	Thu	197 197 197 1 537 83 537 83 92495 50310 96141 ... 44379 97732 2128_ 000 000	CW	(AB)
M12	8164	25-3	2210	Thu	197 197 197 1 537 83 537 83 92495 50310 96141 ... 44379 97732 2128_ 000 000	CW	(AB)
M12	6964	25-3	2230	Thu	197 197 197 1 537 83 537 83 92495 50310 96141 ... 44379 97732 2128_ 000 000	CW	(AB/HS)
M12	9157	25-3	2300	Thu	917 917 917 000	CW	(AB)
M12	7957	25-3	2320	Thu	917 917 917 000	CW	(AB/RL)
M12	10172	26-3	2050	Fri	105 105 105 000	CW	(AB/RL)
M12	9072	26-3	2110	Fri	105 105 105 000	CW	(AB/RL)
M12	8126	26-3	2200	Fri	178 178 178 1 6880 88 6880 88 60273 22001 43897 ... 83831 05566 47146 000 000	CW	(AB)
M12	7526	26-3	2220	Fri	178 178 178 1 6880 88 6880 88 60273 22001 43897 ... 83831 05566 47146 000 000	CW	(AB)
M12	6826	26-3	2240	Fri	178 178 178 1 6880 88 6880 88 60273 22001 43897 ... 83831 05566 47146 000 000	CW	(AB)
M12	8126	27-3	2200	Sat	178 178 178 1 6880 88 6880 88 60273 22001 43897 ... 83831 05566 47146 000 000	CW	(AB/RL)
M12	7526	27-3	2220	Sat	178 178 178 1 6880 88 6880 88 60273 22001 43897 ... 83831 05566 47146 000 000	CW	(AB/RL)
M12	6826	27-3	2240	Sat	178 178 178 1 6880 88 6880 88 60273 22001 43897 ... 83831 05566 47146 000 000	CW	(AB/RL)

<b>M12</b>	15848	28-3	0800	Sun	841 841 841 000	CW	(AB)
<b>M12</b>	17448	28-3	0820	Sun	841 841 841 000	CW	(AB-RUS)
<b>M12</b>	14377	29-3	1300	Mon	317 317 317 1 8563 103 8563 103 46016 24570 09437 ... 16925 72260 25508 000 000	CW	(AB/MPJ/RL)
<b>M12</b>	13461	29-3	1320	Mon	317 317 317 1 8563 103 8563 103 46016 24570 09437 ... 16925 72260 25508 000 000	CW	(AB/MPJ/RL)
<b>M12</b>	12114	29-3	1340	Mon	317 317 317 1 8563 103 8563 103 46016 24570 09437 ... 16925 72260 25508 000 000	CW	(AB/MPJ/RL)
<b>M12</b>	8164	29-3	2210	Mon	197 197 197 000	CW	(RL)
<b>M12</b>	6964	29-3	2230	Mon	197 197 197 000	CW	(RL)
<b>M12</b>	9157	29-3	2300	Mon	917 1 209 83 60303 26267 39927 87808 76241 ... 11695 19471 64609 12556 66006 000 000	CW	(RL)
<b>M12</b>	7957	29-3	2320	Mon	917 1 209 83 60303 26267 39927 87808 76241 ... 11695 19471 64609 12556 66006 000 000	CW	(RL)
<b>M12</b>	6857	29-3	2340	Mon	917 1 209 83 60303 26267 39927 87808 76241 ... 11695 19471 64609 12556 66006 000 000	CW	(RL)
<b>M12</b>	9137	30-3	0530	Tue	135 135 135 1 7564 107 7564 107 47934 10052 93190 ... 73481 08544 22335 000 000	CW	(AB)
<b>M12</b>	10484	30-3	0550	Tue	135 135 135 1 7564 107 7564 107 47934 10052 93190 ... 73481 08544 22335 000 000	CW	(AB)
<b>M12</b>	11552	30-3	0610	Tue	135 135 135 1 7564 107 7564 107 47934 10052 93190 ... 73481 08544 22335 000 000	CW	(AB)
<b>M12</b>	14377	30-3	1200	Tue	317 317 317 1 6783 101 6783 101 09396 14128 20376 ... 20114 25227 04107 000 000	CW	(AB/MPJ)
<b>M12</b>	13461	30-3	1220	Tue	317 317 317 1 6783 101 6783 101 09396 14128 20376 ... 20114 25227 04107 000 000	CW	(AB/MPJ)
<b>M12</b>	12114	30-3	1240	Tue	317 317 317 1 6783 101 6783 101 09396 14128 20376 ... 20114 25227 04107 000 000	CW	(AB/MPJ)
<b>M12</b>	15848	31-3	0800	Wed	841 841 841 000	CW	(AB)
<b>M12</b>	17448	31-3	0820	Wed	841 841 841 000	CW	(AB-RUS)
<b>M12</b>	12162	31-3	1710	Wed	546 546 546 1 8789 109 8789 109 37111 80909 88452 ... 14877 02719 91183 000 000	CW	(AB/MPJ)
<b>M12</b>	11566	31-3	1730	Wed	546 546 546 1 8789 109 8789 109 37111 80909 88452 ... 14877 02719 91183 000 000	CW	(AB/MPJ)
<b>M12</b>	10711	31-3	1750	Wed	546 546 546 1 8789 109 8789 109 37111 80909 88452 ... 14877 02719 91183 000 000	CW	(AB/MPJ)
<b>M12</b>	9072	31-3	2110	Wed	105 105 105 000	CW	(RL)
<b>M14</b>	4731	6-3	0800	Sat	523 757 757 20 20 = 77881 34589 14882 ... 39399 00075 00156 = = 757 757 20 20 00000	CW	(AB-RUS)
<b>M14</b>	4651	6-3	0900	Sat	523 757 757 20 20 = 77881 34589 14882 ... 39399 00075 00156 = = 757 757 20 20 00000	CW	(AB-RUS)
<b>M14</b>	17458	10-3	0930	Wed	617 428 428 165 165 = = 79381 32735 02179 ... 61297 89689 77212 = = 428 428 165 165 00000	CW	(AB)
<b>M14</b>	15994	11-3	0930	Thu	617-428/165=79381	CW	(HFD)
<b>M14</b>	15994	11-3	0930	Thu	617 428 428 165 165 = = 79381 32735 02179 ... 61297 89689 77212 = = 428 428 165 165 00000	CW	(AB)
<b>M14</b>	17458	25-3	0930	Thu	617 428 428 165 165 = = 79381 32735 02179 ... 61297 89689 77212 = = 428 428 165 165 00000	CW	(AB-RUS)
<b>M14</b>	17458	25-3	0930	Thu	617-428/165=79281	CW	(HFD)
<b>M14</b>	15994	26-3	0930	Fri	617-428/165=79381	CW	(HFD)
<b>M14</b>	15994	26-3	0930	Fri	617 428 428 165 165 = = 79381 32735 02179 ... 61297 89689 77212 = = 428 428 165 165 00000	CW	(AB)
<b>M21</b>	4391	10-3	1922	Wed	=992224??0?????	CW	(F5OIH)
<b>M21</b>	4171	18-3	1607	Thu	=991907??8????? =991908??8????? =991909??8?????	CW	(F5JBR)
<b>M21</b>	3314	18-3	1644	Thu	=991944??0????? =991945??0????? =991946??0?????	CW	(F5JBR)

<b>M21</b>	6828	19-3	0831	Fri	=12825404977328 =12826404975228 =12827404986328 =12828404907428	CW	(F5JBR)
<b>M21</b>	6425.5	19-3	0924	Fri	=991226??0????? =991227??0????? =991228??0?????	CW	(F5JBR)
<b>M21</b>	3185	19-3	1439	Fri	=991741??8????? =991742??8????? =991743??8?????	CW	(F5JBR)
<b>M21</b>	4391	19-3	1530	Fri	=991833??0????? =991834??0????? =991835??0?????	CW	(F5JBR)
<b>M21</b>	6425.5	22-3	1449	Mon	=991751??0????? =991752??0????? =991753??0?????	CW	(AB)
<b>M22</b>	4000	18-3	1655	Thu	VVV DE 4XZ 4XZ //4331 and 6607 kHz	CW	(F5JBR)
<b>M22</b>	4331	18-3	1655	Thu	VVV DE 4XZ 4XZ //4000 and 6607 kHz	CW	(F5JBR)
<b>M22</b>	6607	18-3	1655	Thu	VVV DE 4XZ 4XZ //4000 and 4331 khz	CW	(F5JBR)
<b>M22</b>	6607	27-3	1921	Sat	VVV DE 4XZ 4XZ = = AR NW QTC 1 NR 407 = = NR 407 NM V LU1M 606172 OR4O GR 02 = = OOOOO JRBRN UUKEN AKXMH ...	CW	(AB)
<b>M23</b>	5340	18-3	1320	Thu	505 (R4h16m)	CW	(AnEur/AB/F5JBR/BR)
<b>M23</b>	5340	19-3	0800	Fri	505 (R4h15m)	CW	(AB)
<b>M23</b>	5340	19-3	1459	Fri	505 (R5m)	CW	(AB)
<b>M23</b>	5340	19-3	1544	Fri	505 (R3h36m)	CW	(AB)
<b>M23</b>	5340	20-3	0800	Sat	505 (R4h15m)	CW	(AB/Tom/MPJ)
<b>M23</b>	5340	20-3	1309	Sat	505 (R4h15m)	CW	(AB)
<b>M23</b>	5345	22-3	1330	Mon	000 (R13) long zero's	CW	(AnEur)
<b>M23</b>	6961	25-3	0810	Thu	555 (R4h12m)	CW	(AB)
<b>M23</b>	6961	25-3	1244	Thu	555 (R4h6m)	CW	(AB)
<b>M23</b>	6961	25-3	1252	Thu	555 i.p.	CW	(AB)
<b>M23</b>	6961	25-3	1712	Thu	555 (R4h5m)	CW	(AB)
<b>M23</b>	6961	26-3	0712	Fri	555 (R1h45m)	CW	(AB)
<b>M23</b>	6961	26-3	1512	Fri	000 (R3h26m) long zero's	CW	(AB)
<b>M23</b>	6961	26-3	1847	Fri	000 (R2h34m) long zero's	CW	(AB)
<b>M23</b>	6961	26-3	2140	Fri	000 (R2h18m)	CW	(AB)
<b>M23</b>	6961	27-3	0234	Sat	000 (R1h34m)	CW	(AB)
<b>M23</b>	6961	27-3	2113	Sat	000 (R1h47m) long zero's	CW	(AB)
<b>M32</b>	5033	10-3	1105	Wed	XXX XXX GNE4 GNE4 23149 ZAYaCOKREP 0803 1152 K	CW	(Gwr)
<b>M32</b>	6958	12-3	1345	Fri	GDGB GDGB GDGB DE OZO5 OZO5 K. XXX XXX JWB1 JWB1 YaLOHOR 209 K	CW	(Gwr)
<b>M32</b>	5317	15-3	1239	Mon	XXX XXX 596E 596E 25689 AISTOSRUB 2533 4981 K //5775 kHz	CW	(Gwr)
<b>M32</b>	5775	15-3	1239	Mon	XXX XXX 596E 596E 25689 AISTOSRUB 2533 4981 K //5317 kHz	CW	(Gwr)
<b>M32</b>	5761	15-3	1243	Mon	XXX XXX NZhTI NZhTI 49136 NARUKAWNYJ 8377 1471 K	CW	(Gwr)
<b>M32</b>	5775	15-3	1614	Mon	XXX XXX 596E 596E 16441 KOZYR' 3301 1519 K	CW	(Gwr)
<b>M32</b>	5293	18-3	1221	Thu	XXX XXX OM9V OM9V VC1T VC1T 27785 LIMFANGOIT 8094 5353 PROPAST' 1854 8928 K	CW	(Gwr)
<b>M32</b>	7815	19-3	0800	Fri	RBL88: XXX LR43 TEHNICHESKAYa PROWERKA 592 K	CW	(F5JBR)
<b>M32</b>	7815	19-3	0804	Fri	RBL88 wkg RBL90, RFN69, RFN77, RGR99. XXX LR43 TEHNICHESKAYa PROWERKA 592 K (RBL90, RFN69, RFN77, RGR99 acknowledge receipt)	CW	(F5JBR)
<b>M32</b>	6521	19-3	0920	Fri	XXX LA8K 35998 GLASOFAJL 0601 6216 K	CW	(F5JBR)
<b>M32</b>	7460	19-3	0943	Fri	XXX SOKOL 5879 3956 K	CW	(F5JBR)
<b>M32</b>	10535	19-3	1431	Fri	RDL RDL RDL 90055 06596 90055 06596 90055 06596 K	FSK-CW	(AB)
<b>M32</b>	10535	19-3	1432	Fri	RDL RDL RDL 82649 90278 82649 90278 82649 90278 K	FSK-CW	(AB)
<b>M32</b>	10535	19-3	1447	Fri	XXX XXX GSTO GSTO 88098 11151 KUPPEESKIJ 1965 0268 K	FSK-CW	(AB)



<b>M32</b>	10535	19-3	1450	Fri	RDL RDL RDL 43681 55450 43681 55450 43681 55450 K	FSK-CW	(AB)
<b>M32</b>	5432	25-3	1008	Thu	XXX XXX XHOP XHOP 88879 BARKONYeUCh 6159 2817 ZAMYeDLYeN'Ye 0076 6402	CW	(Gwr)
<b>M32</b>	6351	25-3	1014	Thu	XXX XXX H7Shch6 H7Shch6 80513 LAZORYeVNYJ 7554 4890	CW	(Gwr)
<b>M32</b>	6246	25-3	1049	Thu	XXX XXX SVGT SVGT M5ZX M5ZX 76803 GIDOLOG 8671 2842 K	CW	(Gwr)
<b>M32</b>	5802	25-3	1052	Thu	XXX XXX ODWR ODWR EFUG EFUG 78233 91077 DZhiPOWNUK 4541 3922 K	CW	(Gwr)
<b>M32</b>	8417	25-3	1105	Thu	XXX XXX FS6N FS6N 53997 TORSOKOB 6472 7952 K	CW	(AB)
<b>M32</b>	8417	25-3	1111	Thu	XXX XXX TRHD TRHD 27391 OWALOZAJM 4620 9394 K	CW	(AB)
<b>M32</b>	8417	25-3	1129	Thu	XXX XXX ZOLD ZOLD 87947 KRITOSBOR 7226 7732 K	CW	(AB)
<b>M32</b>	8417	25-3	1139	Thu	XXX XXX TRHD TRHD 41965 POLOTRShM 0416 1400 WOROBXEWA 7311 7787 BRIGO-GUV 1965 8858 K	CW	(AB)
<b>M32</b>	8417	25-3	1233	Thu	XXX XXX TRHD TRHD 11207 KURLYKANXE 6784 5590 AKROChEH 5704 2073 K	CW	(AB)
<b>M32</b>	8417	25-3	1306	Thu	XXX XXX TRHD TRHD 16870 LESSOZAW 0099 0775 K	CW	(AB)
<b>M32</b>	8417	25-3	1323	Thu	XXX XXX TRHD TRHD 29873 PASHALXNYJ 0879 2698 K	CW	(AB)
<b>M32</b>	8417	25-3	1327	Thu	XXX XXX TRHD TRHD 18548 PRIMORXE 2405 3880 K	CW	(AB)
<b>M32</b>	8417	25-3	1338	Thu	XXX XXX TRHD TRHD 85054 RAVOKORD 9969 7903 K	CW	(AB)
<b>M32</b>	8417	26-3	0720	Fri	XXX XXX TRHD TRHD 81618 MAJNOKIT 2498 4929 K	CW	(AB)
<b>M32</b>	8417	26-3	0740	Fri	XXX XXX TRHD TRHD 24185 OTKRYTOSTX 4649 8145 K	CW	(AB)
<b>M32</b>	7815	26-3	1130	Fri	XXX XXX TEHNIChESKAYa PROVERKA 540 K [2 stations sending]	CW	(Gwr)
<b>M32</b>	5792	26-3	1136	Fri	XXX XXX 24YO 24YO 35360 MIPEK SAWUC MSAWU ... YuZhDShchSh YuZhDShchSh TORNE = K	CW	(Gwr)
<b>M32</b>	8417	26-3	1315	Fri	RJD69 RJD69 RJD69 DE RMP RMP QYT4 QSX 6959 QWH 6059 AR	CW	(AB)
<b>M32</b>	8417	26-3	1340	Fri	RJD69 RJD69 RJD69 DE RMP RMP QYT9 QSX 6959 QWH 6059 AR	CW	(AB)
<b>M32</b>	8417	26-3	1430	Fri	XXX XXX TRHD TRHD BESKROWNYJ ShchLEJF K	CW	(AB)
<b>M32</b>	8417	27-3	0957	Sat	XXX XXX TRHD TRHD 23163 KLZOMON 6258 9814 K	CW	(AB)
<b>M32</b>	12832	28-3	1345	Sun	XXX XXX XHOP XHOP 82935 10274 TRUBChATYJ 3881 3174 K	CW	(AB)
<b>M32</b>	12832	28-3	1355	Sun	XXX XXX RDL RDL 34792 20752 BLUMOBAUL 3393 3308 K	CW	(AB)
<b>M32a</b>	5448	19-3	1015	Fri	XXX RLO WETER 3 PO RAJONAM 674 675 676 677 K //7457 kHz	CW	(F5JBR)
<b>M32a</b>	7457	19-3	1015	Fri	XXX RLO WETER 3 PO RAJONAM 674 675 676 677 K //5448 kHz	CW	(F5JBR)
<b>M32a</b>	5448	19-3	1017	Fri	RIT: Russian Navy Severomorsk XXX RLO WETER 2 PO RAJONAM 672 673 676 873 K //7457 kHz	CW	(F5JBR)
<b>M32a</b>	7457	19-3	1017	Fri	RIT: Russian Navy Severomorsk XXX RLO WETER 2 PO RAJONAM 672 673 676 873 K //5448 kHz	CW	(F5JBR)
<b>M32a</b>	8417	26-3	0731	Fri	REO REO REO DE RMP RMP QTC 404 19 26 1025 404 = DDDDD ORKEQ ChMGWR ... LREHT VCKEM WYPYal AR	CW	(AB)
<b>M32a</b>	8417	26-3	0751	Fri	REO REO DE RMP RMP QTC 988 25 26 1045 988 = DDDDD KChFTCh GQIRM ... TGIchG AUMMO WYPWR AR	CW	(AB)
<b>M32a</b>	8417	26-3	0806	Fri	RJD69 RJD69 RJD69 DE RMP RMP QRR3 QDW 5865AAA5 = RJD69 RJD69 RJD69 DE RMP RMP QRR3 QDW 5865AAA5 AR	CW	(AB)
<b>M32a</b>	8417	26-3	0817	Fri	REO REO DE RMP RMP QTC 297 21 26 1113 209 = DDDDD ONQCSh ChGVWF ... QLChChi UBBUQ WYPWP AR	CW	(AB)
<b>M32c</b>	8029	22-3	1300	Mon	Russian Air Force Bear net: W-marker (R2)	CW	(MPJ)
<b>M32c</b>	8029	22-3	1320	Mon	Russian Air Force Bear net: W-marker (R2)	CW	(AB)
<b>M32c</b>	8029	22-3	1340	Mon	Russian Air Force Bear net: W-marker (R2)	CW	(AB)

<b>M32c</b>	8029	22-3	1500	Mon	Russian Air Force Bear net: W-marker (R2)	CW	(AB)
<b>M32c</b>	8029	22-3	1520	Mon	Russian Air Force Bear net: W-marker (R2)	CW	(AB)
<b>M32c</b>	8029	22-3	1540	Mon	Russian Air Force Bear net: W-marker (R2)	CW	(AB/MPJ)
<b>M41</b>	5253.5	19-3	1427	Fri	i.p. 8100 097 1576 16 25518 9512 8100 511 900 00 9512 098 1576 16 25 179511 8100 511 900 ... 900 9512 16 31 KKK	CW	(F5JBR)
<b>M42</b>	13536	12-3	1744	Fri	Russian diplo/intel.	MFSK-66	(AB)
<b>M42</b>	12165	19-3	0836	Fri	Russian diplo/intel.	MFSK-16/250Bd BPSK	(AB)
<b>M42</b>	12165	19-3	0900	Fri	Russian diplo/intel.	MFSK-16/250Bd BPSK	(AB)
<b>M42</b>	12111	21-3	0900	Sun	Russian diplo/intel.	MFSK-66	(AB)
<b>M42</b>	10853	22-3	1006	Mon	Russian dipl/intel.	MFSK-66	(AB)
<b>M42b</b>	4753	18-3	1549	Thu	ZE4A wkg EBCW Opchat in CW. Message in FSK: RYRYRYRY 003 99 18 1538145 = 82585 46148 4421 92166 73788 ... 98722 6608 -1555 QRU NIL QK	CW + FSK 50/500	(F5JBR)
<b>M42b</b>	6127	18-3	1801	Thu	FD4G de 1IGO. QSY 66637	CW	(F5JBR)
<b>M42b</b>	7311	19-3	0806	Fri	TPNM 235 16 19 0800 3838 = 94998 05179 53917 99662 07152 73134 69987 26804 65433 20800 20653 41575 22564 10158 80838 46158 K	CW	(F5JBR)
<b>M42b</b>	7324	19-3	0806	Fri	Opchat. Duplex net. QSX on 7311 kHz	CW	(F5JBR)
<b>M42b</b>	5932	19-3	1552	Fri	DP7A wkg 9PBI. QSA NO QSY 77642 K	CW	(F5JBR)
<b>M42b</b>	5932	19-3	1808	Fri	FD4G de 1IGO	CW	(F5JBR)
<b>M51a</b>	3881	20-3	0800	Sat	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two mes- sages. CQ DE FAV22 VA //6825 kHz	CW	(AB)
<b>M51a</b>	6825	20-3	0800	Sat	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two mes- sages. CQ DE FAV22 VA //3881 kHz	CW	(AB)
<b>M51a</b>	3881	23-3	1230	Tue	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two mes- sages. CQ DE FAV22 VA //6825 kHz	CW	(AB)
<b>M51a</b>	6825	23-3	1230	Tue	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two mes- sages. CQ DE FAV22 VA //3881 kHz	CW	(AB)
<b>M51b</b>	3881	23-3	1315	Tue	Non-stop 5-character groups composed of M51a messages //6825 kHz	CW	(AB)
<b>M51b</b>	6825	23-3	1315	Tue	Non-stop 5-character groups composed of M51a messages //3881 kHz	CW	(AB)
<b>M51b</b>	6825	30-3	1452	Tue	i.p. bwjsu akslq wpetd gvxd jskzi jdhev xnskz mjheu zoiwg hlodg pcutb ...	CW	(RL-HOL)
<b>M89</b>	3850	1-3	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640 and 6320, 6840	CW	(JPL)
<b>M89</b>	4860	1-3	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 5640, 6320, 6840	CW	(JPL)
<b>M89</b>	5640	1-3	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4860, 6320, 6840	CW	(JPL)
<b>M89</b>	6320	1-3	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4860, 5640, 6840	CW	(JPL)
<b>M89</b>	6840	1-3	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4860, 5640, 6320	CW	(JPL)
<b>M89</b>	5660	1-3	1126	Mon	i.p. R GA OK 7G GA = = 0534 U7N4 DT43 34DA 4335 N535 ...	CW	(JPL)
<b>M89</b>	4720	1-3	1130	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
<b>M89</b>	5150	1-3	1130	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
<b>M89</b>	3565	1-3	1136	Mon	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
<b>M89</b>	4718	1-3	1136	Mon	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
<b>M89</b>	4043	1-3	1138	Mon	V L5S3 (x3) DE Z4Y6 (x2)Note: Sending Z4Q6 vice Z4Y6	CW	(JPL)
<b>M89</b>	4223	1-3	1148	Mon	i.p. TO 2792 K = HFLJ/OAQ4 AR = HFLJ/OAQ4 AR = (Appears to be Exercise traffic) HFLJ/ORQ4 AR K	CW	(JPL)
<b>M89</b>	4079	1-3	1201	Mon	i.p. V CP7U DE 4KQZ QSY 2 QSY 2 K	CW	(JPL)

<b>M89</b>	4122	1-3	1201	Mon	i.p. AR F NR 1.36/EX 2008 RMKS 9008 TO 9368 = Z./YT. AR K	CW	(JPL)
<b>M89</b>	4720	5-3	1130	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
<b>M89</b>	5150	5-3	1130	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
<b>M89</b>	3565	5-3	1132	Fri	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
<b>M89</b>	4718	5-3	1132	Fri	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
<b>M89</b>	4043	5-3	1200	Fri	V L5S3 (x3) DE Z4Y6 (x2) Note: Sending Z4Q6 vice Z4Y6	CW	(JPL)
<b>M89</b>	3850	6-3	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 6840	CW	(JPL)
<b>M89</b>	4860	6-3	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 5640, 6320, 6840	CW	(JPL)
<b>M89</b>	5640	6-3	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4860, 6320, 6840	CW	(JPL)
<b>M89</b>	6320	6-3	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4860, 5640, 6840	CW	(JPL)
<b>M89</b>	6840	6-3	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4860, 5640, 6320	CW	(JPL)
<b>M89</b>	4043	6-3	1128	Sat	V L5S3 (x3) DE Z4Y6 (x2) Note: Sending Z4Q6 vice Z4Y6	CW	(JPL)
<b>M89</b>	3565	6-3	1129	Sat	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
<b>M89</b>	4718	6-3	1129	Sat	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
<b>M89</b>	4720	6-3	1130	Sat	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
<b>M89</b>	5150	6-3	1130	Sat	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
<b>M89</b>	5640	8-3	0420	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6320, 6840, 8290, 8360, 10640	CW	(JPL)
<b>M89</b>	6320	8-3	0420	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6840, 8290, 8360, 10640	CW	(JPL)
<b>M89</b>	6840	8-3	0420	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 8290, 8360, 10640	CW	(JPL)
<b>M89</b>	8290	8-3	0420	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 6840, 8360, 10640	CW	(JPL)
<b>M89</b>	8360	8-3	0420	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 6840, 8290, 10640	CW	(JPL)
<b>M89</b>	10640	8-3	0420	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 6840, 8290, 8360	CW	(JPL)
<b>M89</b>	7620	8-3	0430	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
<b>M89</b>	8350	8-3	0430	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
<b>M89</b>	6378	8-3	0441	Mon	V BSA5 (x3) DE TP4C (x2) //7045	CW	(JPL)
<b>M89</b>	7045	8-3	0441	Mon	V BSA5 (x3) DE TP4C (x2) //6378	CW	(JPL)
<b>M89</b>	4043	9-3	1907	Tue	V L5S3 (x3) DE Z4Q6 (x2)	CW	(JPL)
<b>M89</b>	3565	9-3	1911	Tue	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
<b>M89</b>	4718	9-3	1911	Tue	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
<b>M89</b>	3850	15-3	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 6840	CW	(JPL)
<b>M89</b>	4860	15-3	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 5640, 6320, 6840	CW	(JPL)
<b>M89</b>	5640	15-3	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4860, 6320, 6840	CW	(JPL)
<b>M89</b>	6320	15-3	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4860, 5640, 6840	CW	(JPL)
<b>M89</b>	6840	15-3	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4860, 5640, 6320	CW	(JPL)
<b>M89</b>	3565	15-3	1127	Mon	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
<b>M89</b>	4718	15-3	1127	Mon	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
<b>M89</b>	4720	15-3	1130	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
<b>M89</b>	5150	15-3	1130	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
<b>M89</b>	3850	16-3	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620, 4860, 5640, 6320, 6840	CW	(JPL)
<b>M89</b>	4620	16-3	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4860, 5640, 6320, 6840	CW	(JPL)
<b>M89</b>	4860	16-3	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 5640, 6320, 6840	CW	(JPL)
<b>M89</b>	5640	16-3	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 4860, 6320, 6840	CW	(JPL)



M89	6320	16-3	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 4860, 5640, 6840	CW	(JPL)
M89	6840	16-3	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 4860, 5640, 6320	CW	(JPL)
M89	3565	16-3	1125	Tue	V BSA5 (x3) DE TP4C (x2) //4728	CW	(JPL)
M89	4718	16-3	1125	Tue	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	4720	16-3	1130	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5150	16-3	1130	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	4043	16-3	1133	Tue	V IW6S (x3) DE 5D6T(x2)	CW	(JPL)
M89	4245	16-3	1142	Tue	i.p. D474 756U 3DD3 N453 A46A AN6U ...	CW	(JPL)
M89	4344	16-3	1158	Tue	i.p. TO 3208 AR K = = 4AU. .AN6 74UA N6T5 3DU4 A455 ...	CW	(JPL)
M89	4321	16-3	1203	Tue	i.p FM5 = 55 FM5 I UU3456 7NNT AU76 A347 33AN 5N7D MSG NR ...	CW	(JPL)
M89	4524	16-3	1209	Tue	i.p. R RPT K R OK HR WK NR 107 107 K R GA K R GA K	CW	(JPL)
M89	4663	16-3	1215	Tue	i.p. = O8T/WJY AR K R QSL 2013 K R OK RH F GA K R GA K ...	CW	(JPL)
M89	5640	17-3	1020	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6320, 6840, 8290, 8360, 10640	CW	(JPL)
M89	6320	17-3	1020	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6840, 8290, 8360, 10640	CW	(JPL)
M89	6840	17-3	1020	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 8290, 8360, 10640	CW	(JPL)
M89	8290	17-3	1020	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 6840, 8360, 10640	CW	(JPL)
M89	8390	17-3	1020	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 6840, 8290, 10640	CW	(JPL)
M89	10640	17-3	1020	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 6840, 8290, 8390	CW	(JPL)
M89	3819	17-3	1026	Wed	i.p. K8C5/A9S8 AR F NR 47/EX 1826 RMKS CQ = K8C5/A9S8 AR HR WK NR 424 QSL ? K	CW	(JPL)
M89	7620	17-3	1030	Wed	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	17-3	1030	Wed	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	7602	17-3	1032	Wed	(i.p. 567U 543D 6437 D7N3 N5TU DTA3 ATU6 A3U7 AR	CW	(JPL)
M89	6140	17-3	1045	Wed	V IW6S (x3) DE 5D6T(x2)	CW	(JPL)
M89	4858	17-3	1051	Wed	i.p. 6474 7N7D 34A6 A5UA U5TT	CW	(JPL)
M89	4831	17-3	1053	Wed	i.p. 7A36 U6N3 DNU4 46N3 57AU NUAT 7T43 6U53 ...	CW	(JPL)
M89	4639	17-3	1055	Wed	i.p. 57DD 557U T65N NNA. ...	CW	(JPL)
M89	4245	17-3	1057	Wed	i.p. D534 3NTU AN5U NA3. ...	CW	(JPL)
M89	3565	18-3	1128	Thu	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	4718	18-3	1128	Thu	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	4043	18-3	1129	Thu	V IW6S (x3) DE 5D6T(x2)	CW	(JPL)
M89	4720	18-3	1130	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5150	18-3	1130	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	3850	18-3	2320	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620, 4860, 5640, 6320, 6840	CW	(JPL)
M89	4620	18-3	2320	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4860, 5640, 6320, 6840	CW	(JPL)
M89	4860	18-3	2320	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 5640, 6320, 6840	CW	(JPL)
M89	5640	18-3	2320	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 4860, 6320, 6840	CW	(JPL)
M89	6320	18-3	2320	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 4860, 5640, 6840	CW	(JPL)
M89	6840	18-3	2320	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 4860, 5640, 6320	CW	(JPL)
M89	4718	18-3	2329	Thu	V BSA5 (x3) DE TP4C (x2) //6378, 7045	CW	(JPL)
M89	6378	18-3	2329	Thu	V BSA5 (x3) DE TP4C (x2) //4718, 7045	CW	(JPL)
M89	7045	18-3	2329	Thu	V BSA5 (x3) DE TP4C (x2) //4718, 6378	CW	(JPL)
M89	4720	18-3	2330	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)

M89	5150	18-3	2330	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	7556	18-3	2344	Thu	i.p. D5A5 UUU5 D55A UADN 3435 ...	CW	(JPL)
M89	7653	24-3	0939	Wed	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	3565	24-3	1007	Wed	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	4718	24-3	1007	Wed	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	6140	24-3	1009	Wed	V IW6S (x3) DE 5D6T(x2)	CW	(JPL)
M89	3850	25-3	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620, 4860, 5640, 6320, 6840	CW	(JPL)
M89	4620	25-3	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4860, 5640, 6320, 6840	CW	(JPL)
M89	4860	25-3	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 5640, 6320, 6840	CW	(JPL)
M89	5640	25-3	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 4860, 6320, 6840	CW	(JPL)
M89	6320	25-3	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 4860, 5640, 6840	CW	(JPL)
M89	6840	25-3	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 4860, 5640, 6320	CW	(JPL)
M89	3565	25-3	1126	Thu	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	4718	25-3	1126	Thu	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	4043	25-3	1127	Thu	V IW6S (x3) DE 5D6T(x2)	CW	(JPL)
M89	4720	25-3	1130	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5150	25-3	1130	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	4860	26-3	1020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 6840, 8290, 8360, 10640	CW	(JPL)
M89	5640	26-3	1020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 6320, 6840, 8290, 8360, 10640	CW	(JPL)
M89	6320	26-3	1020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6840, 8290, 8360, 10640	CW	(JPL)
M89	6840	26-3	1020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 8290, 8360, 10640	CW	(JPL)
M89	8290	26-3	1020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 6840, 8360, 10640	CW	(JPL)
M89	8360	26-3	1020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 6840, 8290, 10640	CW	(JPL)
M89	10640	26-3	1020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 6840, 8290, 8360	CW	(JPL)
M89	7620	26-3	1030	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	26-3	1030	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	3565	26-3	1035	Fri	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	4718	26-3	1035	Fri	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	6140	26-3	1037	Fri	V IW6S (x3) DE 5D6T(x2)	CW	(JPL)
M89	7770	26-3	1038	Fri	i.p. TTUT TTU4 5ND5 575N 675N 73A6 6573 AR	CW	(JPL)
M89	8223	26-3	1038	Fri	i.p. NR 2070 K = = N6A3 UT56 4753 7ADU 6TND 6DN5 4TDU ...	CW	(JPL)
M89	8100	26-3	1050	Fri	i.p. AS III 47W NU44 776T UT5T ...	CW	(JPL)
M89	3850	26-3	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620, 4860, 5640, 6320, 6840	CW	(JPL)
M89	4620	26-3	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4860, 5640, 6320, 6840	CW	(JPL)
M89	4860	26-3	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 5640, 6320, 6840	CW	(JPL)
M89	5640	26-3	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 4860, 6320, 6840	CW	(JPL)

M89	6320	26-3	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 4860, 5640, 6840	CW	(JPL)
M89	6840	26-3	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 4860, 5640, 6320	CW	(JPL)
M89	4720	26-3	1130	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5150	26-3	1130	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	3974	26-3	1516	Fri	i.p. 1W TO 02W = P34U45A AR K R RPT 11W TO 12W = 5664 56N3 AR K R OK K	CW	(JPL)
M95	4122	1-3	1136	Mon	i.p. 3546 7NDA 5UT3 3NDT A7U4 ... AR 05 05 5555 = A3D7 54UN T5D4 A75N ...	CW	(JPL)
M95	4364	1-3	1142	Mon	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0193 CK 401 35 0301 1603 = //8073	CW	(JPL)
M95	8073	1-3	1142	Mon	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0193 CK 401 35 0301 1603 = //4364	CW	(JPL)
M95	4243	1-3	1150	Mon	VV HR 7G TO YR PSE CY NR 02 CK 201 35 0301 1532 = UTU TTA 3U6 3A4 7TU ...	CW	(JPL)
M95	5479	1-3	1155	Mon	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	1-3	1155	Mon	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	4110	1-3	1206	Mon	i.p. R IEC = 3870 AR K R IEC = 981. AR K HR 7G GA K	CW	(JPL)
M95	5479	2-3	0058	Tue	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	2-3	0058	Tue	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	4364	5-3	1139	Fri	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0201 CK 297 35 0305 1631 = //8073	CW	(JPL)
M95	8073	5-3	1139	Fri	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0201 CK 297 35 0305 1631 = //4364	CW	(JPL)
M95	4243	5-3	1150	Fri	VV HR 7G TO YR PSE CY NR 078 CK 40 35 0305 1533 = //9054	CW	(JPL)
M95	9054	5-3	1150	Fri	VV HR 7G TO YR PSE CY NR 078 CK 40 35 0305 1533 = //5243	CW	(JPL)
M95	5479	5-3	1201	Fri	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	5-3	1201	Fri	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	4364	6-3	1138	Sat	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0203 CK 332 35 0306 1611 = //8073	CW	(JPL)
M95	8073	6-3	1138	Sat	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0203 CK 332 35 0306 1611 = //4364	CW	(JPL)
M95	4243	6-3	1147	Sat	VV HR 7G TO YR PSE CY NR 080 CK 42 35 0306 1511 = //9054	CW	(JPL)
M95	9054	6-3	1147	Sat	VV HR 7G TO YR PSE CY NR 080 CK 42 35 0306 1511 = //4243	CW	(JPL)
M95	5479	8-3	0403	Mon	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	8-3	0403	Mon	i.p. AR Z= Z= QSL ? HR WK NR23 msg [V YHxD (x3) DE SAQC (x2)]	CW	(JPL)
M95	7746	8-3	0413	Mon	i.p. HR 7G GA NR 007/CCK CK 299 19 0308 1210 RMKS CQ = 4767 T4D3 A7TU 66T3 5U3N 3TNN U4N6 T6DU N435 UDAT 3AD5 ...	CW	(JPL)
M95	4364	12-3	1140	Fri	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0215 CK 330 35 0312 1635 = //8073	CW	(JPL)
M95	8073	12-3	1140	Fri	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0215 CK 330 35 0312 1635 = //4364	CW	(JPL)
M95	4243	12-3	1149	Fri	HR 7G TO YR PSE CY NR 092 CK 35 35 0312 1516 = //9054	CW	(JPL)
M95	9054	12-3	1149	Fri	HR 7G TO YR PSE CY NR 092 CK 35 35 0312 1516 = //4243	CW	(JPL)
M95	5479	15-3	1115	Mon	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	15-3	1115	Mon	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	4364	15-3	1139	Mon	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY //8073	CW	(JPL)

M95	8073	15-3	1139	Mon	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY //4364	CW	(JPL)
M95	4243	15-3	1148	Mon	VV HR 7G TO YR PSE CY NR 098 CK 52 35 0315 1539 = //9054	CW	(JPL)
M95	9054	15-3	1148	Mon	VV HR 7G TO YR PSE CY NR 098 CK 52 35 0315 1539 = //4243	CW	(JPL)
M95	4364	16-3	1135	Tue	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY //8073	CW	(JPL)
M95	8073	16-3	1135	Tue	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY //4364	CW	(JPL)
M95	4243	16-3	1148	Tue	VV HR 7G TO YR PSE CY NR 001 CK 29 35 0316 1525 = //9054	CW	(JPL)
M95	9054	16-3	1148	Tue	VV HR 7G TO YR PSE CY NR 001 CK 29 35 0316 1525 = //4243	CW	(JPL)
M95	3968	16-3	1925	Tue	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	16-3	1925	Tue	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	5479	18-3	1114	Thu	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	18-3	1114	Thu	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	4642	18-3	1116	Thu	i.p. TN7U N5DA A6UD 63TU T3NA 375N ... AR K	CW	(JPL)
M95	4364	18-3	1138	Thu	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0227 CK 256 35 0318 1625 = //8073	CW	(JPL)
M95	8073	18-3	1138	Thu	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0227 CK 256 35 0318 1625 = //4364	CW	(JPL)
M95	4243	18-3	1148	Thu	VVV HR 7G TO YR PSE CY NR 005 CK 27 35 0318 1519 = 5AA UTT TAD ... //4243	CW	(JPL)
M95	9054	18-3	1148	Thu	VVV HR 7G TO YR PSE CY NR 005 CK 27 35 0318 1519 = 5AA UTT TAD ... //4243	CW	(JPL)
M95	4243	18-3	2347	Thu	VVV HR 7G TO YR PSE CY NR 004 CK 17 35 0319 0558 = UT5 T.. 3U6 3A4 ... //9054	CW	(JPL)
M95	9054	18-3	2347	Thu	VVV HR 7G TO YR PSE CY NR 004 CK 17 35 0319 0558 = UT5 T.. 3U6 3A4 ... //4243	CW	(JPL)
M95	4364	23-3	1143	Tue	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0245 CK 26 35 0323 1555 = //8073	CW	(JPL)
M95	8073	23-3	1143	Tue	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0245 CK 26 35 0323 1555 = //4364	CW	(JPL)
M95	4243	23-3	1150	Tue	VV HR 7G TO YR PSE CY NR 015 CK 57 35 0323 1529 = //4243	CW	(JPL)
M95	9054	23-3	1150	Tue	VV HR 7G TO YR PSE CY NR 015 CK 57 35 0323 1529 = //4243	CW	(JPL)
M95	5479	24-3	0926	Wed	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	24-3	0926	Wed	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	4364	25-3	1138	Thu	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0250 CK 254 35 0325 1612 = //8073	CW	(JPL)
M95	8073	25-3	1138	Thu	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0250 CK 254 35 0325 1612 = //4364	CW	(JPL)
M95	4243	25-3	1150	Thu	VV HR 7G TO YR PSE CY NR 024 CK 20 35 0325 1à = //9054	CW	(JPL)
M95	9054	25-3	1150	Thu	VV HR 7G TO YR PSE CY NR 024 CK 20 35 0325 1à = //4243	CW	(JPL)
M95	5479	25-3	1157	Thu	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	25-3	1157	Thu	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	4243	25-3	1201	Thu	/CCK CK 91 34 0927 113 A HR 7G GA NR 001/CCCK CK 9 //5566	CW	(JPL)
M95	5566	25-3	1201	Thu	/CCK CK 91 34 0927 113 A HR 7G GA NR 001/CCCK CK 9 //4243	CW	(JPL)
M95	3968	25-3	2003	Thu	V YHxD (x3) DE SAQC (x2)	CW	(JPL)
M95	4364	26-3	1135	Fri	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0252 CK 210 35 0326 1648 = //8073	CW	(JPL)
M95	8073	26-3	1135	Fri	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0252 CK 210 35 0326 1648 = //4364	CW	(JPL)

<b>M95</b>	4243	26-3	1149	Fri	VV HR 7G TO YR PSE CY NR à CK.. 35 0326 1525 = 5AA UTT TU6 3U6 //9054	CW	(JPL)
<b>M95</b>	9054	26-3	1149	Fri	VV HR 7G TO YR PSE CY NR à CK.. 35 0326 1525 = 5AA UTT TU6 3U6 //4243	CW	(JPL)
<b>M95</b>	3968	26-3	1512	Fri	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
<b>M95</b>	6936	26-3	1512	Fri	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
<b>MX</b>	16332.3	1-3	0617	Mon	Beacon K, Petropavlovsk Kamchatskiy	CW	(EW)
<b>MX</b>	16332.2	1-3	0637	Mon	Beacon F, Vladivostok	CW	(EW)
<b>MX</b>	20048.1	1-3	0641	Mon	Beacon A, Astrakhan	CW	(AB-UKR)
<b>MX</b>	7508.8	4-3	1036	Thu	Beacon P, Kaliningrad	CW	(AB)
<b>MX</b>	4031	5-3	1658	Fri	Beacon V	CW	(AB)
<b>MX</b>	5466	5-3	1658	Fri	Beacon V	CW	(AB)
<b>MX</b>	7039	5-3	1746	Fri	Beacon C, Moscow	CW	(AB)
<b>MX</b>	5154.1	7-3	1730	Sun	Beacon A, Astrakhan/Baku	CW	(MPJ)
<b>MX</b>	5153.8	7-3	1731	Sun	Beacon P, Kaliningrad	CW	(MPJ)
<b>MX</b>	13527.8	9-3	1214	Tue	Beacon P, Kaliningrad	CW	(MPJ)
<b>MX</b>	13527.9	9-3	1214	Tue	Beacon S, Sevoromorsk	CW	(MPJ)
<b>MX</b>	8494.8	11-3	0720	Thu	Beacon P, Kaliningrad	CW	(AB)
<b>MX</b>	7508.7	12-3	1703	Fri	Beacon D, Sevstopol	CW	(AB)
<b>MX</b>	7508.8	12-3	1703	Fri	Beacon P, Kaliningrad	CW	(AB)
<b>MX</b>	7508.9	12-3	1703	Fri	Beacon S, Sevoromorsk	CW	(AB)
<b>MX</b>	7509.1	12-3	1703	Fri	Beacon A, Astrakhan	CW	(AB)
<b>MX</b>	4031	12-3	1706	Fri	Beacon V	CW	(AB)
<b>MX</b>	16332.3	17-3	0553	Wed	Beacon K, Petropavlovsk Kamchatskiy	CW	(AB-J)
<b>MX</b>	16332.4	17-3	0553	Wed	Beacon M, Magadan	CW	(AB-J)
<b>MX</b>	10872.2	17-3	0554	Wed	Beacon F, Vladivostok	CW	(AB-J)
<b>MX</b>	10872.3	17-3	0554	Wed	Beacon K, Petropavlovsk Kamchatskiy	CW	(AB-J)
<b>MX</b>	10872.4	17-3	0554	Wed	Beacon M, Magadan	CW	(AB-J)
<b>MX</b>	13528.3	17-3	0554	Wed	Beacon K, Petropavlovsk Kamchatskiy	CW	(AB-J)
<b>MX</b>	13528.4	17-3	0554	Wed	Beacon M, Magadan	CW	(AB-J)
<b>MX</b>	7039.2	17-3	0555	Wed	Beacon F, Vladivostok	CW	(AB-J)
<b>MX</b>	7039.3	17-3	0555	Wed	Beacon K, Petropavlovsk Kamchatskiy	CW	(AB-J)
<b>MX</b>	7039.4	17-3	0555	Wed	Beacon M, Magadan	CW	(AB-J)
<b>MX</b>	8495.2	17-3	0555	Wed	Beacon F, Vladivostok	CW	(AB-J)
<b>MX</b>	8495.4	17-3	0555	Wed	Beacon M, Magadan	CW	(AB-J)
<b>MX</b>	4205	23-3	2151	Tue	Beacon V	CW	(AB)
<b>MX</b>	8497.8	27-3	1111	Sat	Beacon L, St Petersburg	CW	(AB)
<b>MX</b>	8494.8	27-3	1112	Sat	Beacon P, Kaliningrad	CW	(AB)
<b>MX</b>	7508.7	29-3	1627	Mon	Beacon D, Sevastopol	CW	(AB)
<b>MX</b>	7508.9	29-3	1627	Mon	Beacon S, Sevoromorsk	CW	(AB)
<b>MX</b>	7509.1	29-3	1627	Mon	Beacon A, Astrakhan	CW	(AB)
<b>MX</b>	10871.7	29-3	1630	Mon	Beacon D, Sevastopol	CW	(AB)
<b>MX</b>	10872.1	29-3	1630	Mon	Beacon A, Astrakhan	CW	(AB)
<b>MX</b>	13527.7	29-3	1632	Mon	Beacon D, Sevastopol	CW	(AB)



<b>MX</b>	13527.9	29-3	1632	Mon	Beacon S, Sevoromorsk	CW	(AB)
<b>MX</b>	16331.7	29-3	1632	Mon	Beacon D, Sevastopol	CW	(AB)
<b>MX</b>	5154.1	29-3	1634	Mon	Beacon A, Astrakhan	CW	(AB)
<b>MX</b>	8494.8	29-3	1636	Mon	Beacon P, Kaliningrad	CW	(AB)
<b>MX</b>	8497.8	29-3	1638	Mon	Beacon L, St Petersburg	CW	(AB)
<b>P03e</b>	13911	1-3	0530	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	13911	1-3	0535	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5344	2-3	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5344	2-3	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	13911	3-3	0530	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	13911	3-3	0535	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	14972	5-3	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	14972	5-3	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	14972	7-3	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	14972	7-3	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	5344	7-3	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	5344	7-3	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	13911	8-3	0530	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
<b>P03e</b>	13911	8-3	0535	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
<b>P03e</b>	5344	9-3	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5344	9-3	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5844	10-3	0430	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5844	10-3	0435	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	13911	10-3	0530	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
<b>P03e</b>	13911	10-3	0535	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
<b>P03e</b>	5844	11-3	0430	Thu	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5844	11-3	0435	Thu	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	14972	12-3	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	14972	12-3	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	14972	14-3	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(MPJ)
<b>P03e</b>	14972	14-3	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(MPJ)
<b>P03e</b>	5344	14-3	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	5344	14-3	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	13911	15-3	0530	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
<b>P03e</b>	13911	15-3	0535	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
<b>P03e</b>	5344	16-3	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	5344	16-3	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	13911	17-3	0530	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
<b>P03e</b>	13911	17-3	0535	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
<b>P03e</b>	5844	18-3	0430	Thu	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5844	18-3	0435	Thu	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	14972	19-3	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)

P03e	14972	19-3	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14972	21-3	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	21-3	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5344	21-3	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5344	21-3	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	13911	22-3	0530	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	22-3	0535	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	5344	23-3	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5344	23-3	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	13911	24-3	0530	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	24-3	0535	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	14972	26-3	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	26-3	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	28-3	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14972	28-3	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5344	28-3	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5344	28-3	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	29-3	0530	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	29-3	0535	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	5344	30-3	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5344	30-3	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5844	31-3	0430	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5844	31-3	0435	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03f	10641	1-3	0735	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	10641	1-3	0740	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	10641	4-3	0735	Thu	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	10641	4-3	0740	Thu	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	10641	8-3	0735	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	10641	8-3	0740	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	10641	11-3	0735	Thu	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	10641	11-3	0740	Thu	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	10641	15-3	0735	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	10641	15-3	0740	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	10641	18-3	0735	Thu	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	10641	18-3	0740	Thu	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	10641	22-3	0735	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	10641	22-3	0740	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	10641	25-3	0735	Thu	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	10641	25-3	0740	Thu	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	10641	29-3	0735	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	10641	29-3	0740	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03g	7840	2-3	1800	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)

P03g	7840	2-3	1805	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	4-3	1800	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	4-3	1805	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	9-3	1800	Tue	Polish intel.	BPSK 50Bd/464bp	(MPJ)
P03g	7840	9-3	1805	Tue	Polish intel.	BPSK 50Bd/464bp	(MPJ)
P03g	7840	11-3	1800	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	11-3	1805	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	16-3	1800	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	16-3	1805	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	18-3	1800	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	18-3	1805	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	23-3	1800	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	23-3	1805	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	25-3	1800	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	25-3	1805	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	30-3	1800	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	30-3	1805	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03k	13873	1-3	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	1-3	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	1-3	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	1-3	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	3-3	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	3-3	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	5-3	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	5-3	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	5-3	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	5-3	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	6-3	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	6-3	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5815	7-3	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	7-3	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	7-3	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	7-3	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	7-3	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	7-3	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	8-3	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	8-3	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	8-3	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	8-3	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	10-3	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	10-3	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	12-3	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)



P03k	10302	12-3	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	12-3	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	12-3	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	13-3	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	13-3	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	14-3	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	14-3	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	14-3	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	14-3	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	14-3	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	14-3	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	15-3	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	15-3	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	15-3	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	15-3	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	17-3	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	17-3	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	19-3	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	19-3	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	19-3	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	19-3	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	20-3	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	20-3	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5815	21-3	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	21-3	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	21-3	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	21-3	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	21-3	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	21-3	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	22-3	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	22-3	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	22-3	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	22-3	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	24-3	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	25-3	1605	Thu	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5815	26-3	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	26-3	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	26-3	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	26-3	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	26-3	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	26-3	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	7469	27-3	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	7469	27-3	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	27-3	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	27-3	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	28-3	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	28-3	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	28-3	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	28-3	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	29-3	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	29-3	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	29-3	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	29-3	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	31-3	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	31-3	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03I	5344	5-3	1230	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	5-3	1235	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	4909	6-3	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	6-3	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	7-3	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	7-3	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	10-3	1230	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	10-3	1235	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	12-3	1230	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	12-3	1235	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	13-3	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	13-3	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	14-3	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	14-3	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	14-3	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	14-3	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	17-3	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	17-3	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	17-3	1230	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	17-3	1235	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	19-3	1230	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	19-3	1235	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	20-3	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	20-3	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	21-3	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	21-3	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	21-3	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	21-3	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	24-3	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)

P03I	7984	24-3	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	24-3	1230	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	24-3	1235	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	26-3	1230	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	26-3	1235	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	4909	27-3	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	27-3	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	28-3	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	28-3	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	28-3	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	28-3	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	31-3	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	7984	31-3	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	31-3	1230	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	31-3	1235	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
Q26	4364	1-3	1131	Mon	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	1-3	1131	Mon	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	1-3	1146	Mon	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	5-3	1133	Fri	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	5-3	1133	Fri	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	5-3	1143	Fri	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	5-3	1143	Fri	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	6-3	1130	Sat	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	6-3	1130	Sat	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	6-3	1142	Sat	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	6-3	1142	Sat	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	12-3	1142	Fri	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	12-3	1142	Fri	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	15-3	1131	Mon	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	15-3	1131	Mon	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	15-3	1142	Mon	messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	15-3	1142	Mon	messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	16-3	1130	Tue	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	16-3	1130	Tue	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	16-3	1142	Tue	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	16-3	1142	Tue	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	18-3	1131	Thu	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	18-3	1131	Thu	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	18-3	1144	Thu	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	18-3	1144	Thu	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	18-3	2342	Thu	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	18-3	2342	Thu	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)

<b>Q26</b>	4364	23-3	1137	Tue	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	8073	23-3	1137	Tue	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4364	25-3	1131	Thu	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	8073	25-3	1131	Thu	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4243	25-3	1143	Thu	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	9054	25-3	1143	Thu	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4364	26-3	1130	Fri	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	8073	26-3	1130	Fri	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	4243	26-3	1142	Fri	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	9054	26-3	1142	Fri	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
<b>RMv</b>	5045	2-3	1411	Tue	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 7287. 16 chasov 15 minut konec svyazi	USB	(AB)
<b>RMv</b>	5045	3-3	1415	Wed	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 6516. 16 chasov 15 minut konec svyazi	USB	(Gwr)
<b>RMv</b>	5045	4-3	1414	Thu	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 6516. 16 chasov 15 minut konec svyazi	USB	(AB/Gwr)
<b>RMv</b>	5045	9-3	1415	Tue	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 8573. 16 chasov 15 minut konec svyazi	USB	(Gwr)
<b>RMv</b>	5045	10-3	1415	Wed	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 4729. 16 chasov 15 minut konec svyazi	USB	(Gwr)
<b>RMv</b>	5045	11-3	1414	Thu	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 2879. 16 chasov 15 minut konec svyazi	USB	(AB)
<b>RMv</b>	5045	12-3	1415	Fri	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 4418. 16 chasov 15 minut konec svyazi	USB	(Gwr)
<b>RMv</b>	5045	15-3	1415	Mon	Tsaplya Tsaplya Ya Znamya primite radiogrammu. SIGNAL 5543 16 chasov 15 minut konec svyazi	USB	(Gwr)
<b>RMv</b>	5045	16-3	1415	Tue	Tsaplya Tsaplya Ya Znamya primite radiogrammu. SIGNAL 4124. 16 chasov 15 minut konec svyazi	USB	(Gwr)
<b>RMv</b>	5045	17-3	1412	Wed	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 9673. 16 chasov 15 minut konec svyazi	USB	(AB/Gwr)
<b>RMv</b>	5045	18-3	1414	Thu	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 8752. 16 chasov 15 minut konec svyazi	USB	(AB/Gwr)
<b>RMv</b>	5045	19-3	1415	Fri	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 1523. 16 chasov 15 minut konec svyazi	USB	(Gwr)
<b>RMv</b>	5045	25-3	1411	Thu	11 at 1402 UTC. Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 7582. 16 chasov 15 minut konec svyazi	USB	(AB)
<b>RMv</b>	5045	26-3	1415	Fri	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 5347. 16 chasov 15 minut konec svyazi	USB	(Gwr)
<b>RMv</b>	5045	29-3	1412	Mon	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 5146. 16 chasov 15 minut konec svyazi	USB	(Gwr)
<b>RMv</b>	5045	30-3	1412	Tue	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 1549. 16 chasov 15 minut konec svyazi	USB	(AB-POL)

<b>RMv</b>	5045	31-3	1412	Wed	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 2167. 16 chasov 15 minut konec svyazi	USB	(AB-POL)
<b>S06</b>	19415	4-3	0830	Thu	842 631 45 88883 88018 64228 ...	USB	(HFD-CHN)
<b>S06</b>	16268	4-3	0930	Thu	842 631 45 88883 88018 64228 ...	USB	(HFD-CHN)
<b>S06</b>	16268	5-3	0930	Fri	842 631 45 88883 88018 64228 ... 59113 faded to nil	USB	(AB-J)
<b>S06</b>	9056	5-3	2000	Fri	768 768 768 000	USB	(HFD)
<b>S06</b>	6825	5-3	2100	Fri	768 768 768 000	USB	(HFD)
<b>S06</b>	10755	6-3	1300	Sat	480 279 41 68128 53518 23246 ... 94601 82040 46795 279 41 00000	USB	(AB/MPJ/HFD)
<b>S06</b>	9073	6-3	1330	Sat	480 279 41 68128 53518 23246 ... 94601 82040 46795 279 41 00000	USB	(AB/MPJ/HFD)
<b>S06</b>	12093	7-3	0930	Sun	480 279 41 68128 53518 23246 ... 94601 82040 46795 279 41 00000	USB	(AB/HFD)
<b>S06</b>	10212	7-3	1000	Sun	480 279 41 68128 53518 23246 ... 94601 82040 46795 279 41 00000	USB	(AB/HFD)
<b>S06</b>	10755	13-3	1300	Sat	480 153 44 64950 21574 35374 ... 47109 34818 96901 153 44 00000	USB	(AB/MPJ)
<b>S06</b>	9073	13-3	1330	Sat	480 153 44 64950 21574 35374 ... 47109 34818 96901 153 44 00000	USB	(AB/MPJ)
<b>S06</b>	12093	14-3	0930	Sun	480 153 44 64950 21574 35374 ... 47109 34818 96901 153 44 00000	USB	(AB)
<b>S06</b>	10212	14-3	1000	Sun	480 153 44 64950 21574 35374 ... 47109 34818 96901 153 44 00000	USB	(AB)
<b>S06</b>	9056	19-3	2000	Fri	768 768 768 00000	USB	(AB)
<b>S06</b>	6825	19-3	2100	Fri	768 768 768 00000	USB	(AB)
<b>S06</b>	10755	20-3	1300	Sat	480 796 42 49563 01154 35760 ... 31812 31821 27269 796 42 00000	USB	(AB/MPJ)
<b>S06</b>	9073	20-3	1330	Sat	480 796 42 49563 01154 35760 ... 31812 31821 27269 796 42 00000	USB	(AB)
<b>S06</b>	12093	21-3	0930	Sun	480 796 42 49563 01154 35760 ... 31812 31821 27269 796 42 00000	USB	(AB)
<b>S06</b>	10212	21-3	1000	Sun	480 796 42 49563 01154 35760 ... 31812 31821 27269 796 42 00000	USB	(AB)
<b>S06</b>	10755	27-3	1300	Sat	480 251 43 73995 85328 87650 ... 55206 60429 13963 251 43 00000	USB	(AB/MPJ-POL)
<b>S06</b>	9073	27-3	1330	Sat	480 251 43 73995 85328 87650 ... 55206 60429 13963 251 43 00000	USB	(AB/MPJ-POL)
<b>S06</b>	12093	28-3	0930	Sun	480 251 43 73995 85328 87650 ... 55206 60429 13963 251 43 00000	USB	(AB)
<b>S06</b>	10212	28-3	1000	Sun	480 251 43 73995 85328 87650 ... 55206 60429 13963 251 43 00000	USB	(AB)
<b>S06s</b>	20050	1-3	0640	Mon	462 950 7 72539 50120 60826 61121 31960 38875 17613 950 7 00000	USB	(AB-UKR)
<b>S06s</b>	9220	1-3	0830	Mon	764 913 5 04537 87875 47152 23486 80331 913 5 00000	USB	(AB/HFD)
<b>S06s</b>	8270	1-3	0840	Mon	764 913 5 04537 87875 47152 23486 80331 913 5 00000	USB	(AB/HFD)
<b>S06s</b>	14580	1-3	0900	Mon	232 974 5 06376 48057 13361 19474 34978 974 5 00000	USB	(AB-UKR/HFD)
<b>S06s</b>	13165	1-3	0910	Mon	232 974 5 06376 48057 13361 19474 34978 974 5 00000	USB	(AB/HFD)
<b>S06s</b>	9145	1-3	1200	Mon	149 830 5 22174 82024 08127 51012 43764 830 5 00000	USB	(AB/MPJ/HFD)
<b>S06s</b>	11460	1-3	1210	Mon	149 830 5 22174 82024 08127 51012 43764 830 5 00000	USB	(AB/MPJ/HFD)
<b>S06s</b>	15855	2-3	0600	Tue	438 970 5 22192 27868 19761 57217 91858 970 5 00000	USB	(AB-POL)
<b>S06s</b>	16485	2-3	0610	Tue	438 970 5 22192 27868 19761 57217 91858 970 5 00000	USB	(AB-POL)
<b>S06s</b>	5760	2-3	0700	Tue	452 930 6 21015 82225 23414 73599 34332 60430 930 6 00000	USB	(AB-POL/HFD)
<b>S06s</b>	6930	2-3	0710	Tue	452 930 6 21015 82225 23414 73599 34332 60430 930 6 00000	USB	(AB/HFD)
<b>S06S</b>	7425	2-3	0730	Tue	427 816 5 17613 74220 56381 16458 39354 816 5 00000	USB	(HFD)
<b>S06S</b>	11560	2-3	0740	Tue	427 816 5 17613 74220 56381 16458 39354 816 5 00000	USB	(HFD)
<b>S06s</b>	11635	2-3	0800	Tue	127 480 5 83630 93731 58291 64212 67195 480 5 0000	USB	(AB-POL/HFD)
<b>S06s</b>	10420	2-3	0810	Tue	127 480 5 83630 93731 58291 64212 67195 480 5 0000	USB	(AB-POL/HFD)
<b>S06s</b>	6410	2-3	1000	Tue	427 806 5 58825 26990 68923 04709 77274 806 5 00000	USB	(AB/HFD)
<b>S06s</b>	7340	2-3	1010	Tue	427 806 5 58825 26990 68923 04709 77274 806 5 00000	USB	(AB/HFD)
<b>S06s</b>	6190	2-3	1100	Tue	265 410 7 73943 36679 06555 60982 08338 47373 40174 410 7 00000	USB	(AB-POL)



S06s	7230	2-3	1110	Tue	265 410 7 73943 36679 06555 60982 08338 47373 40174 410 7 00000	USB	(AB-POL)
S06s	9082	3-3	0830	Wed	464 827 5 13621 26252 82057 44817 89106 827 5 00000	USB	(AB/HFD)
S06s	9952	3-3	0840	Wed	464 827 5 13621 26252 82057 44817 89106 827 5 00000	USB	(AB/HFD)
S06s	11530	4-3	0830	Thu	172 953 6 83630 93731 58291 74212 67195 31960 953 6 00000	USB	(AB/HFD)
S06s	12140	4-3	0840	Thu	172 953 6 83630 93731 58291 74212 67195 31960 953 6 00000	USB	(AB/HFD)
S06s	9081	4-3	0930	Thu	698 234 5 22174 82024 08127 51012 43764 234 5 00000	USB	(AB/HFD)
S06s	10514	4-3	0940	Thu	698 234 5 22174 82024 08127 51012 43764 234 5 00000	USB	(AB/HFD)
S06s	12415	4-3	1200	Thu	175 923 6 58825 26990 68923 04709 84174 38448 923 6 00000	USB	(AB/MPJ/HFD)
S06s	14212	4-3	1210	Thu	175 923 6 58825 26990 68923 04709 84174 38448 923 6 00000	USB	(AB/MPJ/HFD)
S06s	12140	5-3	0830	Fri	156 294 7 87030 68010 61121 42077 34605 02105 79322 294 7 00000	USB	(AB/HFD)
S06s	13515	5-3	0840	Fri	156 294 7 87030 68010 61121 42077 34605 02105 79322 294 7 00000	USB	(AB/HFD)
S06s	5744	5-3	0900	Fri	239 406 5 22689 33082 67708 26025 35786 406 5 00000	USB	(AB/HFD)
S06s	6524	5-3	0910	Fri	239 406 5 22689 33082 67708 26025 35786 406 5 00000	USB	(AB/HFD)
S06s	10350	6-3	0800	Sat	132 476 5 73943 36679 05666 60982 08338 476 5 00000	USB	(AB/HFD)
S06s	8520	6-3	0810	Sat	132 476 5 73943 36679 05666 60982 08338 476 5 00000	USB	(AB/HFD)
S06s	22185	8-3	0630	Mon	462 950 7 72539 50120 60826 61121 31960 38875 17613 950 7 00000	USB	(AB-POL)
S06s	20050	8-3	0640	Mon	462 950 7 72539 50120 60826 61121 31960 38875 17613 950 7 00000	USB	(AB-POL)
S06s	9220	8-3	0830	Mon	764 913 5 04537 87875 47152 23486 80331 913 5 00000	USB	(AB)
S06s	8270	8-3	0840	Mon	764 913 5 04537 87875 47152 23486 80331 913 5 00000	USB	(AB)
S06s	14580	8-3	0900	Mon	232 974 5 06376 48057 13361 19474 34978 974 5 00000	USB	(AB-UKR)
S06s	13165	8-3	0910	Mon	232 974 5 06376 48057 13361 19474 34978 974 5 00000	USB	(AB)
S06s	9145	8-3	1200	Mon	149 830 5 22174 82024 08127 51012 43764 830 5 00000	USB	(MPJ)
S06s	11460	8-3	1210	Mon	149 830 5 22174 82024 08127 51012 43764 830 5 00000	USB	(MPJ)
S06s	15855	9-3	0600	Tue	438 970 5 22192 27868 19761 57217 91858 970 5 00000	USB	(AB-POL)
S06s	16485	9-3	0610	Tue	438 970 5 22192 27868 19761 57217 91858 970 5 00000	USB	(AB-POL/HFD-UKR)
S06s	5760	9-3	0700	Tue	452 930 6 21015 82225 23414 73599 34332 60430 930 6 00000	USB	(AB-POL/HFD-UKR)
S06s	6930	9-3	0710	Tue	452 930 6 21015 82225 23414 73599 34332 60430 930 6 00000	USB	(AB)
S06s	7425	9-3	0730	Tue	427 816 5 17613 74220 56381 16458 39354 816 5 00000	USB	(AB)
S06s	11560	9-3	0740	Tue	427 816 5 17613 74220 56381 16458 39354 816 5 00000	USB	(AB)
S06s	11635	9-3	0800	Tue	127 480 5 83630 93731 58291 64212 67195 480 5 0000	USB	(AB)
S06s	10420	9-3	0810	Tue	127 480 5 83630 93731 58291 64212 67195 480 5 0000	USB	(AB)
S06s	6410	9-3	1000	Tue	427 806 5 58825 26990 68923 04709 77274 806 5 00000	USB	(AB)
S06s	7340	9-3	1010	Tue	427 806 5 58825 26990 68923 04709 77274 806 5 00000	USB	(AB)
S06s	6190	9-3	1100	Tue	265 410 7 73943 36679 06555 60982 08338 47373 40174 410 7 00000	USB	(AB-POL/HFD)
S06s	7230	9-3	1110	Tue	265 410 7 73943 36679 06555 60982 08338 47373 40174 410 7 00000	USB	(AB-POL/HFD-I)
S06s	9082	10-3	0830	Wed	464 827 5 13621 26252 82057 44817 89106 827 5 00000	USB	(AB)
S06s	9952	10-3	0840	Wed	464 827 5 13621 26252 82057 44817 89106 827 5 00000	USB	(AB)
S06s	11530	11-3	0830	Thu	172 953 6 83630 93731 58291 74212 67195 31960 953 6 00000	USB	(AB)
S06s	12140	11-3	0840	Thu	172 953 6 83630 93731 58291 74212 67195 31960 953 6 00000	USB	(AB)
S06s	9081	11-3	0930	Thu	698 234 5 22174 82024 08127 51012 43764 234 5 00000	USB	(AB)
S06s	10514	11-3	0940	Thu	698 234 5 22174 82024 08127 51012 43764 234 5 00000	USB	(AB)
S06s	12415	11-3	1200	Thu	175 923 6 58825 26990 68923 04709 84174 38448 923 6 00000	USB	(AB/MPJ)

S06s	14212	11-3	1210	Thu	175 923 6 58825 26990 68923 04709 84174 38448 923 6 00000	USB	(AB/MPJ)
S06s	12140	12-3	0830	Fri	156 294 7 87030 68010 61121 42077 34605 02105 79322 294 7 00000	USB	(AB)
S06s	13515	12-3	0840	Fri	156 294 7 87030 68010 61121 42077 34605 02105 79322 294 7 00000	USB	(AB)
S06s	5744	12-3	0900	Fri	239 406 5 22689 33082 67708 26025 35786 406 5 00000	USB	(AB)
S06s	6524	12-3	0910	Fri	239 406 5 22689 33082 67708 26025 35786 406 5 00000	USB	(AB)
S06S	22185	15-3	0630	Mon	462 850 7 06123...	USB	(HFD-UKR)
S06S	20050	15-3	0640	Mon	462 850 7 06123...	USB	(HFD-UKR)
S06s	9220	15-3	0830	Mon	764 923 5 96320 36793 53038 76342 15009 923 5 00000	USB	(AB)
S06s	8270	15-3	0840	Mon	764 923 5 96320 36793 53038 76342 15009 923 5 00000	USB	(AB)
S06s	14580	15-3	0900	Mon	232 807 5 04537 87875 47152 23486 80331 807 5 00000	USB	(AB-RUS)
S06s	13165	15-3	0910	Mon	232 807 5 04537 87875 47152 23486 80331 807 5 00000	USB	(AB-RUS)
S06s	9145	15-3	1200	Mon	149 265 7 33796 13577 74526 46647 79302 53516 25616 265 7 00000	USB	(AB/MPJ)
S06s	11460	15-3	1210	Mon	149 265 7 33796 13577 74526 46647 79302 53516 25616 265 7 00000	USB	(AB/MPJ)
S06s	5760	16-3	0700	Tue	452 913 6 52401 63919 92699 14600 74248 48754 913 6 00000	USB	(AB-POL)
S06s	6930	16-3	0710	Tue	452 913 6 52401 63919 92699 14600 74248 48754 913 6 00000	USB	(AB)
S06s	7425	16-3	0730	Tue	427 915 6 60332 17613 64220 56381 16458 39354 915 6 00000	USB	(AB)
S06s	11560	16-3	0740	Tue	427 915 6 60332 17613 64220 56381 16458 39354 915 6 00000	USB	(AB)
S06s	11635	16-3	0800	Tue	127 869 5 51621 26252 82057 55817 37082 869 5 00000	USB	(AB)
S06s	10420	16-3	0810	Tue	127 869 5 51621 26252 82057 55817 37082 869 5 00000	USB	(AB)
S06s	6410	16-3	1000	Tue	427 836 5 15587 46287 66092 35786 39354 836 5 00000	USB	(AB/Gwr)
S06s	7340	16-3	1010	Tue	427 836 5 15587 46287 66092 35786 39354 836 5 00000	USB	(AB)
S06s	6190	16-3	1100	Tue	265 937 8 89228 91857 37528 60403 43764 60255 21687 01727 937 8 00000	USB	(AB-RUS)
S06s	7230	16-3	1110	Tue	265 937 8 89228 91857 37528 60403 43764 60255 21687 01727 937 8 00000	USB	(AB)
S06s	9082	17-3	0830	Wed	464 209 5 58825 26990 68230 04709 84174 209 5 00000	USB	(AB)
S06s	9952	17-3	0840	Wed	464 209 5 58825 26990 68230 04709 84174 209 5 00000	USB	(AB)
S06s	11530	18-3	0830	Thu	172 489 5 06376 48057 13361 19474 34978 489 5 00000	USB	(AB)
S06s	12140	18-3	0840	Thu	172 489 5 06376 48057 13361 19474 34978 489 5 00000	USB	(AB)
S06s	9081	18-3	0930	Thu	698 415 7 25535 14589 85589 59375 93998 71413 84963 415 7 00000	USB	(AB)
S06s	10514	18-3	0940	Thu	698 415 7 25535 14589 85589 59375 93998 71413 84963 415 7 00000	USB	(AB)
S06s	12415	18-3	1200	Thu	175 240 6 21767 53672 11824 81022 36983 41412 240 6 00000	USB	(AB/MPJ)
S06s	14212	18-3	1210	Thu	175 240 6 21767 53672 11824 81022 36983 41412 240 6 00000	USB	(AB/MPJ)
S06s	12140	19-3	0830	Fri	156 902 7 46062 68672 97478 39685 30485 96632 52537 902 7 00000	USB	(AB)
S06s	13515	19-3	0840	Fri	156 902 7 46062 68672 97478 39685 30485 96632 52537 902 7 00000	USB	(AB)
S06s	5744	19-3	0900	Fri	239 481 5 21767 53672 11834 81022 36903 481 5 00000	USB	(AB-POL)
S06s	6524	19-3	0910	Fri	239 481 5 21767 53672 11834 81022 36903 481 5 00000	USB	(AB)
S06s	9220	22-3	0830	Mon	764 923 5 96320 36793 53038 76342 15009 923 5 00000	USB	(AB)
S06s	8270	22-3	0840	Mon	764 923 5 96320 36793 53038 76342 15009 923 5 00000	USB	(AB)
S06s	14580	22-3	0900	Mon	232 807 5 04537 87875 47152 23486 80331 807 5 00000	USB	(AB-KWT)
S06s	13165	22-3	0910	Mon	232 807 5 04537 87875 47152 23486 80331 807 5 00000	USB	(AB-KWT)
S06s	9145	22-3	1200	Mon	149 265 7 33796 13577 74526 46647 79302 53516 25616 265 7 00000	USB	(AB/MPJ)
S06s	11460	22-3	1210	Mon	149 265 7 33796 13577 74526 46647 79302 53516 25616 265 7 00000	USB	(AB/MPJ)
S06s	5760	23-3	0700	Tue	452 913 6 52401 63919 92699 14600 74248 48754 913 6 00000	USB	(AB)



S06s	6930	23-3	0710	Tue	452 913 6 52401 63919 92699 14600 74248 48754 913 6 00000	USB	(AB)
S06s	7425	23-3	0730	Tue	427 915 6 60332 17613 64220 56381 16458 39354 915 6 00000	USB	(AB)
S06s	11560	23-3	0740	Tue	427 915 6 60332 17613 64220 56381 16458 39354 915 6 00000	USB	(AB)
S06s	11635	23-3	0800	Tue	127 869 5 51621 26252 82057 55817 37082 869 5 00000	USB	(AB)
S06s	10420	23-3	0810	Tue	127 869 5 51621 26252 82057 55817 37082 869 5 00000	USB	(AB)
S06s	6410	23-3	1000	Tue	427 836 5 15587 46287 66092 35786 39354 836 5 00000	USB	(AB)
S06s	7340	23-3	1010	Tue	427 836 5 15587 46287 66092 35786 39354 836 5 00000	USB	(AB)
S06s	6190	23-3	1100	Tue	265 937 8 89228 91857 37528 60403 43764 60255 21687 01727 937 8 00000	USB	(AB-POL)
S06s	7230	23-3	1110	Tue	265 937 8 89228 91857 37528 60403 43764 60255 21687 01727 937 8 00000	USB	(AB)
S06s	9082	24-3	0830	Wed	464 209 5 58825 26990 68230 04709 84174 209 5 00000	USB	(AB)
S06s	9952	24-3	0840	Wed	464 209 5 58825 26990 68230 04709 84174 209 5 00000	USB	(AB)
S06s	11530	25-3	0830	Thu	172 489 5 06376 48057 13361 19474 34978 489 5 00000	USB	(AB)
S06s	12140	25-3	0840	Thu	172 489 5 06376 48057 13361 19474 34978 489 5 00000	USB	(AB)
S06s	9081	25-3	0930	Thu	698 415 7 25535 14589 85589 59375 93998 71413 84963 415 7 00000	USB	(AB)
S06s	10514	25-3	0940	Thu	698 415 7 25535 14589 85589 59375 93998 71413 84963 415 7 00000	USB	(AB)
S06s	5071	25-3	1005	Thu	124 987 50 83525 70335 43158 ... 48363 98092 15965 987 50 000 Group 43 had a different repeat and it ended with 3 zero's vs the usual 5	USB	(kalv)
S06s	12415	25-3	1200	Thu	175 240 6 21767 53672 11824 81022 36983 41412 240 6 00000	USB	(AB/GHn/MPJ)
S06s	14212	25-3	1210	Thu	175 240 6 21767 53672 11824 81022 36983 41412 240 6 00000	USB	(AB/MPJ)
S06s	12140	26-3	0830	Fri	156 902 7 46062 68672 97478 39685 30485 96632 52537 902 7 00000	AM	(AB)
S06s	13515	26-3	0840	Fri	156 902 7 46062 68672 97478 39685 30485 96632 52537 902 7 00000	AM	(AB)
S06s	5744	26-3	0900	Fri	239 481 5 21767 53672 11834 81022 36903 481 5 00000	USB	(AB)
S06s	6524	26-3	0910	Fri	239 481 5 21767 53672 11834 81022 36903 481 5 00000	USB	(AB)
S06s	22185	29-3	0630	Mon	462 462 462 00000	USB	(AB-UKR)
S06s	20050	29-3	0640	Mon	462 462 462 00000	USB	(AB-POL)
S06s	9220	29-3	0830	Mon	764 764 764 00000	USB	(AB)
S06s	8270	29-3	0840	Mon	764 764 764 00000	USB	(AB)
S06s	14580	29-3	0900	Mon	232 232 232 00000	USB	(AB-KWT)
S06s	13165	29-3	0910	Mon	232 232 232 00000	USB	(AB-POL)
S06s	9145	29-3	1200	Mon	149 149 149 00000	USB	(AB/MPJ)
S06s	11460	29-3	1210	Mon	149 149 149 00000	USB	(AB/MPJ)
S06s	15855	30-3	0600	Tue	438 438 438 00000	USB	(AB-POL)
S06s	16485	30-3	0610	Tue	438 438 438 00000	USB	(AB-POL)
S06s	5760	30-3	0700	Tue	452 452 452 00000	USB	(AB)
S06s	6930	30-3	0710	Tue	452 452 452 00000	USB	(AB)
S06s	7425	30-3	0730	Tue	427 427 427 00000	USB	(AB)
S06s	11560	30-3	0740	Tue	427 427 427 00000	USB	(AB)
S06s	11635	30-3	0800	Tue	127 127 127 00000	USB	(AB)
S06s	10420	30-3	0810	Tue	127 127 127 00000	USB	(AB)
S06s	6410	30-3	1000	Tue	427 427 427 00000	USB	(AB)
S06s	7340	30-3	1010	Tue	452 427 427 00000	USB	(AB)
S06s	6190	30-3	1100	Tue	265 265 265 00000	USB	(AB-POL/MPJ)
S06s	7230	30-3	1110	Tue	265 265 265 00000	USB	(AB/MPJ)

<b>S06s</b>	9082	31-3	0830	Wed	464 464 464 00000	USB	(AB)
<b>S06s</b>	9952	31-3	0840	Wed	464 464 464 00000	USB	(AB)
<b>S11a</b>	11116	1-3	0510	Mon	655/33 Vnimanije 40627 37009 47617 ... 60110 83542 51223 Vnimanije (message repeated) Konets	USB	(AB-POL)
<b>S11a</b>	8597	1-3	0700	Mon	471/00	USB	(AB-POL)
<b>S11a</b>	6480	1-3	0915	Mon	486/39 Vnimanije 31977 34263 82071 ... 99954 43370 77657 Vnimanije (message repeated) Konets	USB	(HFD)
<b>S11a</b>	8088	2-3	1020	Tue	425/00	USB	(AB/HFD)
<b>S11a</b>	11116	3-3	0510	Wed	655/33 Vnimanije 40627 37009 47617 ... 60110 83542 51223 Vnimanije (message repeated) Konets	USB	(AB-POL)
<b>S11a</b>	6433	3-3	1135	Wed	377/00	USB	(AB/HFD)
<b>S11a</b>	10213	3-3	1850	Wed	280/00	USB	(AB/MPJ)
<b>S11a</b>	6480	5-3	0915	Fri	486/39 Vnimanije 31977 34263 82071 ... 99954 43370 77657 Vnimanije (message repeated) Konets	USB	(AB)
<b>S11a</b>	8088	5-3	1020	Fri	426/00	USB	(AB)
<b>S11a</b>	6433	5-3	1135	Fri	378/00	USB	(AB)
<b>S11a</b>	10213	6-3	1850	Sat	282/00	USB	(AB)
<b>S11a</b>	11116	8-3	0510	Mon	656/00	USB	(AB-POL)
<b>S11a</b>	8597	8-3	0700	Mon	479/00	USB	(AB-POL/HFD)
<b>S11a</b>	8088	9-3	1020	Tue	420/37 Vnimanije 99686 90669 54112 ... 50361 83010 54015 Vnimanije (message repeated) Konets	USB	(AB)
<b>S11a</b>	11116	10-3	0510	Wed	656/00	USB	(AB-POL/HFD)
<b>S11a</b>	6433	10-3	1135	Wed	371/31 Vnimanije 09002 35612 87476 ... 47120 82276 32396 Vnimanije (message repeated) Konets	USB	(AB/MPJ)
<b>S11a</b>	10213	10-3	1850	Wed	282/00	USB	(AB/GHn/MPJ)
<b>S11a</b>	8597	11-3	0700	Thu	478/00	USB	(AB)
<b>S11a</b>	6480	12-3	0915	Fri	481/00	USB	(AB)
<b>S11a</b>	8088	12-3	1020	Fri	420/37 Vnimanije 99686 90669 54112 ... 50361 83010 54015 Vnimanije (message repeated) Konets	USB	(AB-POL)
<b>S11a</b>	6433	12-3	1135	Fri	371/31 Vnimanije 09002 35612 87476 ... 47120 82276 32396 Vnimanije (message repeated) Konets	USB	(AB/MPJ)
<b>S11a</b>	10213	13-3	1850	Sat	285/00	USB	(AB/MPJ)
<b>S11a</b>	11116	15-3	0510	Mon	650/00	USB	(AB-POL)
<b>S11a</b>	8597	15-3	0700	Mon	472/00	USB	(AB)
<b>S11a</b>	6480	15-3	0915	Mon	480/00	USB	(AB)
<b>S11a</b>	8088	16-3	1020	Tue	424/00	USB	(AB)
<b>S11a</b>	11116	17-3	0510	Wed	651/00	USB	(AB-POL)
<b>S11a</b>	6433	17-3	1135	Wed	376/00	USB	(AB)
<b>S11a</b>	10213	17-3	1850	Wed	288/38 Vnimanije 62933 89187 59339 ... 82846 01115 27122 Vnimanije (message repeated) Konets	USB	(AB/MPJ)
<b>S11a</b>	8597	18-3	0700	Thu	478/00	USB	(AB)
<b>S11a</b>	6480	19-3	0915	Fri	485/00	USB	(AB)
<b>S11a</b>	8088	19-3	1020	Fri	427/00	USB	(AB)

S11a	6433	19-3	1135	Fri	372/00	USB	(AB)
S11a	10213	20-3	1850	Sat	288/38 Vnimanije 62933 89187 59339 ... 82846 01115 27122 Vnimanije (message repeated) Konets	USB	(AB/MPJ)
S11a	11116	22-3	0510	Mon	654/00	USB	(AB-POL)
S11a	8597	22-3	0700	Mon	475/40 Vnimanije 81613 56639 24534 ... 48863 69443 69352 Vnimanije (message repeated) Konets	USB	(AB)
S11a	6480	22-3	0915	Mon	483/00	USB	(AB)
S11a	8088	23-3	1020	Tue	429/00	USB	(AB)
S11a	11116	24-3	0510	Wed	655/00	USB	(AB-POL)
S11a	6433	24-3	1135	Wed	379/00	USB	(AB)
S11a	10213	24-3	1850	Wed	281/00	USB	(AB/MPJ)
S11a	8597	25-3	0700	Thu	475/40 Vnimanije 81613 56639 24534 ... 48863 69443 69352 Vnimanije (message repeated) Konets	USB	(AB)
S11a	6480	26-3	0915	Fri	483/00	USB	(AB)
S11a	6433	26-3	1135	Fri	378/00	USB	(AB/MPJ)
S11a	10213	27-3	1850	Sat	280/00	USB	(AB/MPJ)
S11a	11116	29-3	0510	Mon	650/00	USB	(AB-POL)
S11a	8597	29-3	0700	Mon	478/00	USB	(AB)
S11a	6480	29-3	0915	Mon	484/00	USB	(AB)
S11a	8088	30-3	1020	Tue	424/00	USB	(AB)
S11a	11116	31-3	0510	Wed	651/00	USB	(AB-POL)
S11a	6433	31-3	1135	Wed	373/00	USB	(AB/MPJ)
S11a	10213	31-3	1850	Wed	286/00	USB	(AB)
S28	4625	10-3	0915	Wed	NZhTI 94884 AFONOPLYuS 1642 7520	USB	(Gwr)
S28	4625	10-3	0938	Wed	NZhTI 07547 DVINA 6665 6612 NYeUVYaDAYeMYJ 8425 0703	USB	(Gwr)
S28	4625	10-3	1241	Wed	NZhTI 87998 VYeDORNOST' 2725 1775	USB	(Gwr)
S28	4625	10-3	1248	Wed	CZhAP 43053 KOZYaVKA 0200 4983 ODOLZhYeN'Ye 3680 2329 (note the similarity in number groups to proceeding pip message)	USB	(Gwr)
S28	4625	15-3	1608	Mon	ODVR 06575 SYeTOTAU 2143 2879	USB	(Gwr)
S30	5448	4-3	1240	Thu	JVB1 02084 09230 DURALYeJ 5365 3480 NYePROYeZZhIJ 8727 4860	USB	(Gwr)
S30	5448	9-3	1338	Tue	JVB1 SBYTOSYeV 212 ChYeSTNOST' 251 ShchITONARY 260	USB	(Gwr)
S30	5448	10-3	0937	Wed	JVB1 12328 PRYeKLONYeN'Ye 1392 0807	USB	(Gwr)
S30	5448	10-3	1255	Wed	JVB1 60023 OPTOZAJM 0100 SBOJ JVB1 60123 OPTOZAJM 0100 9698 YeJSKOKLIR 3680 2329 (note the similarity in number groups to previous buzzer message)	USB	(Gwr)
S30	5448	10-3	1301	Wed	JVB1 25655 BLYeFOPAZ 0100 7557 MUSSOFORD 4354 2518 (0100 common to last 3 messages from pip in same location, same final groups as previous pip message)	USB	(Gwr)
S30	5448	10-3	1306	Wed	JVB1 19187 OBOZOTAKT 0100 7288 BLATOPAK 4354 2518 (same final groups as next pip message)	USB	(Gwr)
S30	5448	10-3	1320	Wed	JVB 1 19285 VKLYuChYeN'Ye 8251 5694	USB	(Gwr)
S30	5448	10-3	1413	Wed	JVB1 95444 AEhROMYeTRIYa 3546 4146	USB	(Gwr)
S30	5448	10-3	1420	Wed	JVB1 27456 HYeMOSINTYeZ 0010 4558 ARMYeNISTIKA 2004 8547	USB	(Gwr)
S30	5448	10-3	1454	Wed	JVB1 61285 MAISOZMYeJ 8894 7326	USB	(Gwr)
S30	5448	11-3	1411	Thu	VÆZÆ NLCYe V2MZ ZBIL 8MUO A3PS 8N8Zh BYeSKROVNYJ ShLYeJF	USB	(Gwr)

S30	5448	12-3	1500	Fri	JVB1 62581 GRIBOK 2309 9714	USB	(Gwr)
S30	5448	16-3	0940	Tue	JVB1 ShchITNOARY 160	USB	(Gwr)
S30	5448	16-3	1132	Tue	JVB1 01202 21826 AZOVObUFF 4262 6206 MHATOKLIP 9496 1681	USB	(Gwr)
S30	6296.5	17-3	0940	Wed	Penok-65 central station wkg Bant-69, Gamak-23, Okno-92, Zenica-05, Porah-01, Fre-gat-75, Romans-79, Grad-36, etc.	USB	(Gwr)
S30	5448	17-3	1500	Wed	AGDT 'U1B OSOG BO6C F56Shch 9GSA ZhBZU 4RVZ 3VS' DKJ1	USB	(Gwr)
S30	5448	18-3	1215	Thu	JVB1 SBYTOSYeV 112 ChYeSTNOST' 151	USB	(Gwr)
S30	5448	19-3	1020	Fri	JVB1 SBYTOSYeV 112	USB	(Gwr)
S30	5448	19-3	1040	Fri	F61N 37CN MUDR 7VNSHch Zh7NZh YMA5 VTH3 AGDT 'U1B OSOG	USB	(Gwr)
S30	5448	19-3	1236	Fri	JVB1 ChYeSTNOST' 151	USB	(Gwr)
S30	5448	25-3	1019	Thu	JVB1 41386 NYeONOKYeRN 6809 3932 LEhPOSBOR 0651 3819	USB	(Gwr)
S30	5448	25-3	1315	Thu	JVB1 60287 MASLYeNICA 0263 7692	USB	(Gwr)
S30	5448	25-3	1317	Thu	JVB1 89005 VODOLYuB 9899 2492	USB	(Gwr)
S32	5473	2-3	1435	Tue	Al'fa-45 YaLOHOR 209 SBYTOSYeV 212	USB	(Gwr)
S32	5473	4-3	1245	Thu	Al'fa-45 80507 GROBOVOJ 9557 7332	USB	(Gwr)
S32	5473	9-3	1340	Tue	Al'fa-45 69940 KAZAH 4259 3817	USB	(Gwr)
S32	5473	9-3	1343	Tue	Tros-28 ya Baron-78 Baklan SBYTOSYeV 212 ChYeSTNOST' 251 ShchITONARY 260	USB	(Gwr)
S32	5473	9-3	1343	Tue	Al'fa-45 SBYTOSYeV 212 ChYeSTNOST' 251 ShchITONARY 260	USB	(Gwr)
S32	5473	10-3	0940	Wed	Al'fa-45 15901 VLADYeLICA 2978 8012	USB	(Gwr)
S32	5473	10-3	1244	Wed	Al'fa-45 74816 PSHIKOSHLEM 4947 8887 K	USB	(Gwr)
S32	5473	10-3	1300	Wed	Al'fa-45 47925 SNOPODUChYe 0151 8102	USB	(Gwr)
S32	5473	10-3	1310	Wed	Al'fa-45 30321 IDIOTIYa 6926 5655	USB	(Gwr)
S32	5473	10-3	1320	Wed	Al'fa-45 25539 KRYeNOBARD 0075 9257	USB	(Gwr)
S32	5473	10-3	1325	Wed	Al'fa-45 32223 VIZGONYeUD 6061 4917	USB	(Gwr)
S32	5473	10-3	1417	Wed	Al'fa-45 61823 BLAGONRAVIYe 3557 3168	USB	(Gwr)
S32	5473	10-3	1457	Wed	Al'fa-45 61011 AGITATORSha 1221 9161	USB	(Gwr)
S32	5473	11-3	1415	Thu	Al'fa-45 BYeSKROVNYJ ShLYeJF	USB	(Gwr)
S32	5473	12-3	1115	Fri	Al'fa-45 66226 56388 45942 OKAMYeNYeN'Ye 1015 5797 (No preceeding S30 mes-sage, very uncommon, multi-header group format also uncommon for S32)	USB	(Gwr)
S32	5473	12-3	1129	Fri	Al'fa-45 91544 09145 04879 MYeTALL 7285 3171	USB	(Gwr)
S32	5473	12-3	1139	Fri	Al'fa-45 53646 54888 40864 POD'YeM 9190 4330	USB	(Gwr)
S32	5473	12-3	1346	Fri	Al'fa-45 YaLOHOR 209	USB	(Gwr)
S32	5473	12-3	1500	Fri	Al'fa-45 57062 91919 46268 NORDOZULU 5207 5899	USB	(Gwr)
S32	5473	12-3	1504	Fri	Al'fa-45 75107 SKAMYeYeChNYJ 6868 4261 on second read starting reading previous message	USB	(Gwr)
S32	5473	15-3	1102	Mon	Penza-07 Zaslonka-27 Karta-11 Stupa-32 Utes-94 Fakyel-36 Burka-37 Kurgan-40	USB	(Gwr)
S32	5473	15-3	1137	Mon	Al'fa-45 89340 ZYuDOSPICH 8996 5817	USB	(Gwr)
S32	5473	15-3	1500	Mon	Dubler-68 Leggina-38 Serna-85 Shuler-60 Sliva-94 Fontan-34 Ruzh'e-26 Nevka-26	USB	(Gwr)
S32	5473	16-3	0944	Tue	Al'fa-45 ShchITNOARY 160	USB	(Gwr)
S32	5473	16-3	1137	Tue	Al'fa-45 94890 ZALAVOK 0737 6523	USB	(Gwr)
S32	5473	17-3	1204	Wed	Al'fa-45 91380 ChYeRTYaKa 5628 9672 (no preceeding Pip message)	USB	(Gwr)
S32	5473	17-3	1429	Wed	Penza-07 Leggina-38 Yahta-94 Pesochnyj-21 Sliva-94 Fonton-34 Fakyel-36 Kovboj-39	USB	(Gwr)
S32	5473	18-3	1217	Thu	Al'fa-45 SBYTOSYeV 112 ChYeSTNOST' 151	USB	(Gwr)

<b>S32</b>	5473	19-3	1022	Fri	Al'fa-45 SBYTOSYeV 112	USB	(Gwr)
<b>S32</b>	5473	19-3	1237	Fri	Al'fa-45 ChYeSTNOST' 151	USB	(Gwr)
<b>S32</b>	5473	25-3	1021	Thu	Al'fa-4 11920 SYeLYeNID 1326 3553	USB	(Gwr)
<b>S32</b>	5473	25-3	1319	Thu	Al'fa-45 09822 SYeRVIROVKA 7141 6433	USB	(Gwr)
<b>S32</b>	5473	25-3	1323	Thu	Al'fa-45 23183 ZhNYeCOLAVR 7026 2855	USB	(Gwr)
<b>UM10</b>	5820	9-3	1916	Tue	10-minutes net: 7CJK	CW	(JPL-RUS)
<b>V07</b>	15893	7-3	0100	Sun	868 868 868 1 6236 80 6236 80 48008 93727 20155 ... 76708 17725 80235 000 000	USB	(Dan)
<b>V07</b>	14693	7-3	0120	Sun	868 868 868 1 6236 80 6236 80 48008 93727 20155 ... 76708 17725 80235 000 000	USB	(Dan)
<b>V07</b>	13893	7-3	0140	Sun	868 868 868 1 6236 80 6236 80 48008 93727 20155 ... 76708 17725 80235 000 000	USB	(Dan)
<b>V07</b>	15893	14-3	0100	Sun	868:1-511/66=90455 via KiwiSDR J	USB	(HFD-J)
<b>V07</b>	15893	14-3	0100	Sun	868 868 868 1 511 36 511 36 90455 44635 95822 ...332 46932 16412 000 000	USB	(Dan)
<b>V07</b>	14693	14-3	0120	Sun	868 868 868 1 511 36 511 36 90455 44635 95822 ...332 46932 16412 000 000	USB	(Dan)
<b>V07</b>	14693	14-3	0120	Sun	868:1 via KiwiSDR J	USB	(HFD-J)
<b>V07</b>	13893	14-3	0140	Sun	868 868 868 1 511 36 511 36 90455 44635 95822 ...332 46932 16412 000 000	USB	(Dan)
<b>V07</b>	13893	14-3	0140	Thu	868:1 via KiwiSDR J	USB	(HFD)
<b>V07</b>	15893	21-3	0100	Sun	868 868 868 1 144 84 144 84 94268 35059 34690 ... 08194 22765 29134 000 000	USB	(Dan)
<b>V07</b>	14693	21-3	0120	Sun	868 868 868 1 144 84 144 84 94268 35059 34690 ... 08194 22765 29134 000 000	USB	(Dan)
<b>V07</b>	13893	21-3	0140	Sun	868 868 868 1 144 84 144 84 94268 35059 34690 ... 08194 22765 29134 000 000	USB	(Dan)
<b>V07</b>	15893	28-3	0100	Sun	868 868 868 000	USB	(Dan)
<b>V07</b>	14693	28-3	0120	Sun	868 868 868 000	USB	(Dan)
<b>V26</b>	4364	1-3	1130	Mon	XSV85 callup in Chinese voice //8073	USB	(JPL)
<b>V26</b>	8073	1-3	1130	Mon	XSV85 callup in Chinese voice //4364	USB	(JPL)
<b>V26</b>	4364	15-3	1130	Mon	XSV85 callup in Chinese voice //8073	USB	(JPL)
<b>V26</b>	8073	15-3	1130	Mon	XSV85 callup in Chinese voice //4364	USB	(JPL)
<b>V26</b>	4243	15-3	1141	Mon	callup in Chinese voice //9054	USB	(JPL)
<b>V26</b>	9054	15-3	1141	Mon	callup in Chinese voice //4243	USB	(JPL)
<b>V26</b>	4364	16-3	1130	Tue	XSV85: callup in Chinese voice //8073	USB	(JPL)
<b>V26</b>	8073	16-3	1130	Tue	XSV85: callup in Chinese voice //4364	USB	(JPL)
<b>V26</b>	4243	16-3	1140	Tue	Callup in Chinese voice //9054	USB	(JPL)
<b>V26</b>	9054	16-3	1140	Tue	Callup in Chinese voice //4243	USB	(JPL)
<b>V26</b>	4364	18-3	1130	Thu	XSV85 callup in Chinese voice //8073	USB	(JPL)
<b>V26</b>	8073	18-3	1130	Thu	XSV85 callup in Chinese voice //4364	USB	(JPL)
<b>V26</b>	9054	18-3	2340	Thu	Callup in Chinese voice //4243	USB	(JPL)
<b>V26</b>	4364	25-3	1130	Thu	XSV85 callup in Chinese voice //8073	USB	(JPL)
<b>V26</b>	8073	25-3	1130	Thu	XSV85 callup in Chinese voice //4364	USB	(JPL)
<b>V26</b>	4243	26-3	1140	Fri	Callup in Chinese voice //9054	USB	(JPL)
<b>V26</b>	9054	26-3	1140	Fri	Callup in Chinese voice //4243	USB	(JPL)
<b>V28</b>	2108	16-3	2108	Tue	Parrot. Messages in Korean	AM	
<b>V28</b>	3048	16-3	2108	Tue	Parrot. Messages in Korean	AM	
<b>V28</b>	4482	16-3	2108	Tue	Parrot. Messages in Korean	AM	
<b>V28</b>	4988	16-3	2108	Tue	Parrot. Messages in Korean	AM	
<b>X06</b>	14451	19-3	1210	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(AB)



<b>X06</b>	13510	23-3	1008	Tue	MFA Moscow clg 612534: Russian embassy Ashgabat	MFSK-16	(ES-HOL)
<b>X06b</b>	14639	5-3	1100	Fri	111666 before XPA2 at 1240z on top of XPA2 at 1100z	MFSK-6	(AB)
<b>X06b</b>	14639	5-3	1105	Fri	111666 before XPA2 at 1240z	MFSK-6	(AB)
<b>XPA1</b>	12132	2-3	0810	Tue	973 973 973 1 05734 00124 72023 ... 74960 92548 52244	MFSK-20/10Bd	(AB)
<b>XPA1</b>	12132	2-3	0810	Tue	msg	MFSK-20/10Bd	(HFD)
<b>XPA1</b>	13453	2-3	0830	Tue	973 973 973 1 05734 00124 72023 ... 74960 92548 52244	MFSK-20/10Bd	(AB)
<b>XPA1</b>	13453	2-3	0830	Tue	msg	MFSK-20/10Bd	(HFD)
<b>XPA1</b>	14576	2-3	0850	Tue	973 973 973 1 05734 00124 72023 ... 74960 92548 52244	MFSK-20/10Bd	(AB)
<b>XPA1</b>	14576	2-3	0850	Tue	msg	MFSK-20/10Bd	(HFD)
<b>XPA1</b>	14451	3-3	1310	Wed	441 441 441 1 00442 00170 69019 ... 18070 71864 47264	MFSK-20/10Bd	(AB)
<b>XPA1</b>	13451	3-3	1330	Wed	441 441 441 1 00442 00170 69019 ... 18070 71864 47264	MFSK-20/10Bd	(AB)
<b>XPA1</b>	12151	3-3	1350	Wed	441 441 441 1 00442 00170 69019 ... 18070 71864 47264	MFSK-20/10Bd	(AB)
<b>XPA1</b>	12132	4-3	0810	Thu	973 973 973 1 05734 00124 72023 ... 74960 92548 52244	MFSK-20/10Bd	(AB)
<b>XPA1</b>	13453	4-3	0830	Thu	973 973 973 1 05734 00124 72023 ... 74960 92548 52244	MFSK-20/10Bd	(AB)
<b>XPA1</b>	14576	4-3	0850	Thu	973 973 973 1 05734 00124 72023 ... 74960 92548 52244	MFSK-20/10Bd	(AB)
<b>XPA1</b>	14451	5-3	1310	Fri	441 441 441 1 00442 00170 69019 ... 18070 71864 47264	MFSK-20/10Bd	(AB/MPJ/HFD)
<b>XPA1</b>	13451	5-3	1330	Fri	441 441 441 1 00442 00170 69019 ... 18070 71864 47264	MFSK-20/10Bd	(AB/MPJ/HFD)
<b>XPA1</b>	12151	5-3	1350	Fri	441 441 441 1 00442 00170 69019 ... 18070 71864 47264	MFSK-20/10Bd	(AB/MPJ/HFD)
<b>XPA1</b>	12132	9-3	0810	Tue	973 973 973 1 05734 00124 72023 ... 74960 92548 52244	MFSK-20/10Bd	(AB)
<b>XPA1</b>	13453	9-3	0830	Tue	973 973 973 1 05734 00124 72023 ... 74960 92548 52244	MFSK-20/10Bd	(AB)
<b>XPA1</b>	14576	9-3	0850	Tue	973 973 973 1 05734 00124 72023 ... 74960 92548 52244	MFSK-20/10Bd	(AB)
<b>XPA1</b>	14451	10-3	1310	Wed	441 441 441 1 00442 00170 69019 ... 18070 71864 47264	MFSK-20/10Bd	(AB/MPJ)
<b>XPA1</b>	13451	10-3	1330	Wed	441 441 441 1 00442 00170 69019 ... 18070 71864 47264	MFSK-20/10Bd	(AB/MPJ)
<b>XPA1</b>	12151	10-3	1350	Wed	441 441 441 1 00442 00170 69019 ... 18070 71864 47264	MFSK-20/10Bd	(AB/MPJ)
<b>XPA1</b>	12132	11-3	0810	Thu	973 973 973 1 05734 00124 72023 ... 74960 92548 52244	MFSK-20/10Bd	(AB)
<b>XPA1</b>	13453	11-3	0830	Thu	973 973 973 1 05734 00124 72023 ... 74960 92548 52244	MFSK-20/10Bd	(AB)
<b>XPA1</b>	14576	11-3	0850	Thu	973 973 973 1 05734 00124 72023 ... 74960 92548 52244	MFSK-20/10Bd	(AB)
<b>XPA1</b>	14451	12-3	1310	Fri	441 441 441 1 00442 00170 69019 ... 18070 71864 47264	MFSK-20/10Bd	(AB)
<b>XPA1</b>	13451	12-3	1330	Fri	441 441 441 1 00442 00170 69019 ... 18070 71864 47264	MFSK-20/10Bd	(AB)
<b>XPA1</b>	12151	12-3	1350	Fri	441 441 441 1 00442 00170 69019 ... 18070 71864 47264	MFSK-20/10Bd	(AB)
<b>XPA1</b>	12132	16-3	0810	Tue	973 973 973 1 02937 00160 92096 ... 49543 94367 16054	MFSK-20/10Bd	(AB)
<b>XPA1</b>	13453	16-3	0830	Tue	973 973 973 1 02937 00160 92096 ... 49543 94367 16054	MFSK-20/10Bd	(AB)
<b>XPA1</b>	14576	16-3	0850	Tue	973 973 973 1 02937 00160 92096 ... 49543 94367 16054	MFSK-20/10Bd	(AB)
<b>XPA1</b>	14451	17-3	1310	Wed	441 441 441 1 09244 00202 79179 ... 92681 40066 11133	MFSK-20/10Bd	(AB)
<b>XPA1</b>	13451	17-3	1330	Wed	441 441 441 1 09244 00202 79179 ... 92681 40066 11133	MFSK-20/10Bd	(AB)
<b>XPA1</b>	12151	17-3	1350	Wed	441 441 441 1 09244 00202 79179 ... 92681 40066 11133	MFSK-20/10Bd	(AB)
<b>XPA1</b>	12132	18-3	0810	Thu	973 973 973 1 02937 00160 92096 ... 49543 94367 16054	MFSK-20/10Bd	(AB)
<b>XPA1</b>	13453	18-3	0830	Thu	973 973 973 1 02937 00160 92096 ... 49543 94367 16054	MFSK-20/10Bd	(AB)
<b>XPA1</b>	14576	18-3	0850	Thu	973 973 973 1 02937 00160 92096 ... 49543 94367 16054	MFSK-20/10Bd	(AB)
<b>XPA1</b>	14451	19-3	1310	Fri	441 441 441 1 09244 00202 79179 ... 92681 40066 11133	MFSK-20/10Bd	(AB)
<b>XPA1</b>	13451	19-3	1330	Fri	441 441 441 1 09244 00202 79179 ... 92681 40066 11133	MFSK-20/10Bd	(AB)
<b>XPA1</b>	12151	19-3	1350	Fri	441 441 441 1 09244 00202 79179 ... 92681 40066 11133	MFSK-20/10Bd	(AB)

XPA1	12132	23-3	0810	Tue	973 973 973 1 02937 00160 92096 ... 49543 94367 16054	MFSK-20/10Bd	(AB)
XPA1	13453	23-3	0830	Tue	973 973 973 1 02937 00160 92096 ... 49543 94367 16054	MFSK-20/10Bd	(AB)
XPA1	14576	23-3	0850	Tue	973 973 973 1 02937 00160 92096 ... 49543 94367 16054	MFSK-20/10Bd	(AB)
XPA1	14451	24-3	1310	Wed	441 441 441 1 09244 00202 79179 ... 92681 40066 11133	MFSK-20/10Bd	(AB)
XPA1	13451	24-3	1330	Wed	441 441 441 1 09244 00202 79179 ... 92681 40066 11133	MFSK-20/10Bd	(AB)
XPA1	12151	24-3	1350	Wed	441 441 441 1 09244 00202 79179 ... 92681 40066 11133	MFSK-20/10Bd	(AB)
XPA1	12132	25-3	0810	Thu	973 973 973 1 02937 00160 92096 ... 49543 94367 16054	MFSK-20/10Bd	(AB)
XPA1	13453	25-3	0830	Thu	973 973 973 1 02937 00160 92096 ... 49543 94367 16054	MFSK-20/10Bd	(AB)
XPA1	14576	25-3	0850	Thu	973 973 973 1 02937 00160 92096 ... 49543 94367 16054	MFSK-20/10Bd	(AB)
XPA1	14451	26-3	1310	Fri	441 441 441 1 09244 00202 79179 ... 92681 40066 11133	MFSK-20/10Bd	(AB/MPJ)
XPA1	13451	26-3	1330	Fri	441 441 441 1 09244 00202 79179 ... 92681 40066 11133	MFSK-20/10Bd	(AB/MPJ)
XPA1	12151	26-3	1350	Fri	441 441 441 1 09244 00202 79179 ... 92681 40066 11133	MFSK-20/10Bd	(AB/MPJ)
XPA1	12132	30-3	0810	Tue	973 973 973 1 08416 00188 70296 ... 54429 98088 23443	MFSK-20/10Bd	(AB)
XPA1	13453	30-3	0830	Tue	973 973 973 1 08416 00188 70296 ... 54429 98088 23443	MFSK-20/10Bd	(AB)
XPA1	14576	30-3	0850	Tue	973 973 973 1 08416 00188 70296 ... 54429 98088 23443	MFSK-20/10Bd	(AB)
XPA1	14451	31-3	1310	Wed	441 441 441 1 09118 00240 96241 ... 79630 28188 71132	MFSK-20/10Bd	(AB/MPJ/RL)
XPA1	13451	31-3	1330	Wed	441 441 441 1 09118 00240 96241 ... 79630 28188 71132	MFSK-20/10Bd	(AB/MPJ/RL)
XPA1	12151	31-3	1350	Wed	441 441 441 1 09118 00240 96241 ... 79630 28188 71132	MFSK-20/10Bd	(AB/MPJ/RL)
XPA2	13931	1-3	0800	Mon	00323 00114 17978 ... 86397 95406 36616	MFSK-16/20Bd	(AB-RUS/HFD)
XPA2	14831	1-3	0820	Mon	00323 00114 17978 ... 86397 95406 36616	MFSK-16/20Bd	(AB-RUS/HFD)
XPA2	16131	1-3	0840	Mon	00323 00114 17978 ... 86397 95406 36616	MFSK-16/20Bd	(AB-RUS/HFD)
XPA2	18333	1-3	0910	Mon	09638 00054 81464 ... 63071 52753 27267	MFSK-16/20Bd	(AB-RUS)
XPA2	16345	1-3	0930	Mon	09638 00054 81464 ... 63071 52753 27267	MFSK-16/20Bd	(AB-RUS)
XPA2	14838	1-3	0950	Mon	09638 00054 81464 ... 63071 52753 27267	MFSK-16/20Bd	(AB-RUS)
XPA2	12163	1-3	1600	Mon	00189 00267 61945 ... 41015 46231 32106	MFSK-16/20Bd	(AB/MPJ)
XPA2	10863	1-3	1620	Mon	00189 00267 61945 ... 41015 46231 32106	MFSK-16/20Bd	(AB/MPJ)
XPA2	9393	1-3	1640	Mon	00189 00267 61945 ... 41015 46231 32106	MFSK-16/20Bd	(AB/MPJ)
XPA2	13384	2-3	1200	Tue	01915 00124 54793 ... 76300 89669 73336	MFSK-16/20Bd	(AB/HFD)
XPA2	13461	2-3	1220	Tue	01915 00124 54793 ... 76300 89669 73336	MFSK-16/20Bd	(AB/HFD)
XPA2	14984	2-3	1240	Tue	01915 00124 54793 ... 76300 89669 73336	MFSK-16/20Bd	(AB/HFD)
XPA2	13994	2-3	1600	Tue	00178 00301 64026 ... 81387 14269 05066	MFSK-16/20Bd	(AB/HFD)
XPA2	13494	2-3	1620	Tue	00178 00301 64026 ... 81387 14269 05066	MFSK-16/20Bd	(AB/HFD)
XPA2	12194	2-3	1640	Tue	00178 00301 64026 ... 81387 14269 05066	MFSK-16/20Bd	(AB/HFD)
XPA2	13931	3-3	0800	Wed	00323 00114 17978 ... 86397 95406 36616	MFSK-16/20Bd	(AB-RUS)
XPA2	14831	3-3	0820	Wed	00323 00114 17978 ... 86397 95406 36616	MFSK-16/20Bd	(AB-RUS)
XPA2	16131	3-3	0840	Wed	00323 00114 17978 ... 86397 95406 36616	MFSK-16/20Bd	(AB-RUS)
XPA2	18333	3-3	0910	Wed	09638 00054 81464 ... 63071 52753 27267	MFSK-16/20Bd	(AB-RUS)
XPA2	16345	3-3	0930	Wed	09638 00054 81464 ... 63071 52753 27267	MFSK-16/20Bd	(AB-RUS)
XPA2	14838	3-3	0950	Wed	09638 00054 81464 ... 63071 52753 27267	MFSK-16/20Bd	(AB-RUS)
XPA2	12139	3-3	1200	Wed	00622 00104 36662 ... 45465 53949 02646	MFSK-16/20Bd	(AB/HFD)
XPA2	13539	3-3	1220	Wed	00622 00104 36662 ... 45465 53949 02646	MFSK-16/20Bd	(AB/HFD)
XPA2	14639	3-3	1240	Wed	00622 00104 36662 ... 45465 53949 02646	MFSK-16/20Bd	(AB/HFD)



XPA2	16261	4-3	0910	Thu	00246 00052 78766 ... 45963 42384 42665	MFSK-16/20Bd	(AB-POL/HFD-RUS)
XPA2	15961	4-3	0930	Thu	00246 00052 78766 ... 45963 42384 42665	MFSK-16/20Bd	(AB-RUS/HFD-RUS)
XPA2	14861	4-3	0950	Thu	00246 00052 78766 ... 45963 42384 42665	MFSK-16/20Bd	(AB-POL/HFD-RUS)
XPA2	15861	4-3	1100	Thu	05948 00037 50538 ... 56127 97777 01764	MFSK-16/20Bd	(AB/MPJ)
XPA2	14431	4-3	1120	Thu	05948 00037 50538 ... 56127 97777 01764	MFSK-16/20Bd	(AB/MPJ)
XPA2	13431	4-3	1140	Thu	05948 00037 50538 ... 56127 97777 01764	MFSK-16/20Bd	(AB/MPJ)
XPA2	13994	4-3	1600	Thu	00178 00301 64026 ... 81387 14269 05066	MFSK-16/20Bd	(AB/MPJ)
XPA2	13494	4-3	1620	Thu	00178 00301 64026 ... 81387 14269 05066	MFSK-16/20Bd	(AB/MPJ)
XPA2	12194	4-3	1640	Thu	00178 00301 64026 ... 81387 14269 05066	MFSK-16/20Bd	(AB/MPJ)
XPA2	14639	5-3	1100	Fri	03001 00001 00000 31654	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	13539	5-3	1120	Fri	03001 00001 00000 31654	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	12139	5-3	1140	Fri	03001 00001 00000 31654	MFSK-16/20Bd	(AB/MPJ)
XPA2	12139	5-3	1200	Fri	00622 00104 36662 ... 45465 53949 02646	MFSK-16/20Bd	(AB/MPJ)
XPA2	13539	5-3	1220	Fri	00622 00104 36662 ... 45465 53949 02646	MFSK-16/20Bd	(AB/MPJ)
XPA2	14639	5-3	1240	Fri	00622 00104 36662 ... 45465 53949 02646	MFSK-16/20Bd	(AB/MPJ)
XPA2	16261	6-3	0910	Sat	00246 00052 78766 ... 45963 42384 42665	MFSK-16/20Bd	(AB-RUS)
XPA2	15961	6-3	0930	Sat	00246 00052 78766 ... 45963 42384 42665	MFSK-16/20Bd	(AB-RUS)
XPA2	14861	6-3	0950	Sat	00246 00052 78766 ... 45963 42384 42665	MFSK-16/20Bd	(AB-POL)
XPA2	12163	6-3	1600	Sat	00189 00267 61945 ... 41015 46231 32106	MFSK-16/20Bd	(AB/MPJ)
XPA2	10863	6-3	1620	Sat	00189 00267 61945 ... 41015 46231 32106	MFSK-16/20Bd	(AB/MPJ)
XPA2	9393	6-3	1640	Sat	00189 00267 61945 ... 41015 46231 32106	MFSK-16/20Bd	(AB/MPJ)
XPA2	13384	7-3	1200	Sun	01915 00124 54793 ... 76300 89669 73336	MFSK-16/20Bd	(AB/MPJ)
XPA2	13461	7-3	1220	Sun	01915 00124 54793 ... 76300 89669 73336	MFSK-16/20Bd	(AB/MPJ)
XPA2	14984	7-3	1240	Sun	01915 00124 54793 ... 76300 89669 73336	MFSK-16/20Bd	(AB/MPJ)
XPA2	13931	8-3	0800	Mon	00323 00114 17978 ... 86397 95406 36616	MFSK-16/20Bd	(AB-RUS)
XPA2	14831	8-3	0820	Mon	00323 00114 17978 ... 86397 95406 36616	MFSK-16/20Bd	(AB-RUS)
XPA2	16131	8-3	0840	Mon	00323 00114 17978 ... 86397 95406 36616	MFSK-16/20Bd	(AB-RUS)
XPA2	12163	8-3	1600	Mon	04806 00001 00000 40254	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	10863	8-3	1620	Mon	04806 00001 00000 40254	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	9393	8-3	1640	Mon	04806 00001 00000 40254	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	14639	9-3	1100	Tue	00627 00111 10249 ... 44068 82526 67721	MFSK-16/20Bd	(AB/HFD)
XPA2	13539	9-3	1120	Tue	00627 00111 10249 ... 44068 82526 67721	MFSK-16/20Bd	(AB/HFD)
XPA2	12139	9-3	1140	Tue	00627 00111 10249 ... 44068 82526 67721	MFSK-16/20Bd	(AB/HFD)
XPA2	13384	9-3	1200	Tue	00273 00086 34876 ... 19829 12008 37042	MFSK-16/20Bd	(AB)
XPA2	13461	9-3	1220	Tue	00273 00086 34876 ... 19829 12008 37042	MFSK-16/20Bd	(AB)
XPA2	14984	9-3	1240	Tue	00273 00086 34876 ... 19829 12008 37042	MFSK-16/20Bd	(AB)
XPA2	13994	9-3	1600	Tue	09121 00001 00000 32263	MFSK-16/20Bd	(AB/MPJ)
XPA2	13494	9-3	1620	Tue	09121 00001 00000 32263	MFSK-16/20Bd	(AB/MPJ)
XPA2	12194	9-3	1640	Tue	09121 00001 00000 32263	MFSK-16/20Bd	(AB/MPJ)
XPA2	13931	10-3	0800	Wed	00323 00114 17978 ... 86397 95406 36616	MFSK-16/20Bd	(AB)
XPA2	14831	10-3	0820	Wed	00323 00114 17978 ... 86397 95406 36616	MFSK-16/20Bd	(AB)
XPA2	16131	10-3	0840	Wed	00323 00114 17978 ... 86397 95406 36616	MFSK-16/20Bd	(AB)

XPA2	18333	10-3	0910	Wed	09638 00054 81464 ... 63071 52753 27267	MFSK-16/20Bd	(AB-RUS)
XPA2	16345	10-3	0930	Wed	09638 00054 81464 ... 63071 52753 27267	MFSK-16/20Bd	(AB-RUS)
XPA2	14838	10-3	0950	Wed	09638 00054 81464 ... 63071 52753 27267	MFSK-16/20Bd	(AB-RUS/RL)
XPA2	15861	10-3	1100	Wed	07661 00001 00000 34665	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	14431	10-3	1120	Wed	07661 00001 00000 34665	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	13431	10-3	1140	Wed	07661 00001 00000 34665	MFSK-16/20Bd	(AB/MPJ)
XPA2	12139	10-3	1200	Wed	00216 00098 64338 ... 50306 07768 12167	MFSK-16/20Bd	(AB)
XPA2	13539	10-3	1220	Wed	00216 00098 64338 ... 50306 07768 12167	MFSK-16/20Bd	(AB)
XPA2	14639	10-3	1240	Wed	00216 00098 64338 ... 50306 07768 12167	MFSK-16/20Bd	(AB)
XPA2	16261	11-3	0910	Thu	00246 00052 78766 ... 45963 42384 42665	MFSK-16/20Bd	(AB)
XPA2	15961	11-3	0930	Thu	00246 00052 78766 ... 45963 42384 42665	MFSK-16/20Bd	(AB)
XPA2	14861	11-3	0950	Thu	00246 00052 78766 ... 45963 42384 42665	MFSK-16/20Bd	(AB)
XPA2	15861	11-3	1100	Thu	09374 00001 00000 34670	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	14431	11-3	1120	Thu	09374 00001 00000 34670	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	13431	11-3	1140	Thu	09374 00001 00000 34670	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	13994	11-3	1600	Thu	05730 00001 00000 34660	MFSK-16/20Bd	(AB/MPJ)
XPA2	13494	11-3	1620	Thu	05730 00001 00000 34660	MFSK-16/20Bd	(AB/MPJ)
XPA2	12194	11-3	1640	Thu	05730 00001 00000 34660	MFSK-16/20Bd	(AB/MPJ)
XPA2	14639	12-3	1100	Fri	00627 00111 10249 ... 44068 82526 67721	MFSK-16/20Bd	(AB/MPJ)
XPA2	13539	12-3	1120	Fri	00627 00111 10249 ... 44068 82526 67721	MFSK-16/20Bd	(AB/MPJ)
XPA2	12139	12-3	1140	Fri	00627 00111 10249 ... 44068 82526 67721	MFSK-16/20Bd	(AB/MPJ)
XPA2	12139	12-3	1200	Fri	00216 00098 64338 ... 50306 07768 12167	MFSK-16/20Bd	(AB/MPJ)
XPA2	13539	12-3	1220	Fri	00216 00098 64338 ... 50306 07768 12167	MFSK-16/20Bd	(AB/MPJ)
XPA2	14639	12-3	1240	Fri	00216 00098 64338 ... 50306 07768 12167	MFSK-16/20Bd	(AB/MPJ)
XPA2	16261	13-3	0910	Sat	00246 00052 78766 ... 45963 42384 42665	MFSK-16/20Bd	(AB)
XPA2	15961	13-3	0930	Sat	00246 00052 78766 ... 45963 42384 42665	MFSK-16/20Bd	(AB)
XPA2	14861	13-3	0950	Sat	00246 00052 78766 ... 45963 42384 42665	MFSK-16/20Bd	(AB)
XPA2	12163	13-3	1600	Sat	06126 00001 00000 34660	MFSK-16/20Bd	(AB/GHn)
XPA2	10863	13-3	1620	Sat	06126 00001 00000 34660	MFSK-16/20Bd	(AB)
XPA2	9393	13-3	1640	Sat	06126 00001 00000 34660	MFSK-16/20Bd	(AB)
XPA2	13384	14-3	1200	Sun	00273 00086 34876 ... 19829 12008 37042	MFSK-16/20Bd	(AB/MPJ)
XPA2	13461	14-3	1220	Sun	00273 00086 34876 ... 19829 12008 37042	MFSK-16/20Bd	(AB/MPJ)
XPA2	14984	14-3	1240	Sun	00273 00086 34876 ... 19829 12008 37042	MFSK-16/20Bd	(AB/MPJ)
XPA2	13931	15-3	0800	Mon	00257 00156 67091 ... 76713 98904 62022	MFSK-16/20Bd	(AB)
XPA2	14831	15-3	0820	Mon	00257 00156 67091 ... 76713 98904 62022	MFSK-16/20Bd	(AB)
XPA2	16131	15-3	0840	Mon	00257 00156 67091 ... 76713 98904 62022	MFSK-16/20Bd	(AB)
XPA2	18333	15-3	0910	Mon	00523 00122 55672 ... 07757 98280 02300	MFSK-16/20Bd	(AB-RUS)
XPA2	16345	15-3	0930	Mon	00523 00122 55672 ... 07757 98280 02300	MFSK-16/20Bd	(AB-RUS)
XPA2	14838	15-3	0950	Mon	00523 00122 55672 ... 07757 98280 02300	MFSK-16/20Bd	(AB-RUS)
XPA2	12163	15-3	1600	Mon	00139 00271 14444 ... 25009 02840 51146	MFSK-16/20Bd	(AB/MPJ)
XPA2	10863	15-3	1620	Mon	00139 00271 14444 ... 25009 02840 51146	MFSK-16/20Bd	(AB/MPJ)
XPA2	9393	15-3	1640	Mon	00139 00271 14444 ... 25009 02840 51146	MFSK-16/20Bd	(AB/MPJ)

XPA2	14639	16-3	1100	Tue	00627 00111 10249 ... 44068 82526 67721	MFSK-16/20Bd	(AB)
XPA2	13539	16-3	1120	Tue	00627 00111 10249 ... 44068 82526 67721	MFSK-16/20Bd	(AB)
XPA2	12139	16-3	1140	Tue	00627 00111 10249 ... 44068 82526 67721	MFSK-16/20Bd	(AB)
XPA2	13384	16-3	1200	Tue	00274 00090 49684 ... 15444 85585 47572	MFSK-16/20Bd	(AB)
XPA2	13461	16-3	1220	Tue	00274 00090 49684 ... 15444 85585 47572	MFSK-16/20Bd	(AB)
XPA2	14984	16-3	1240	Tue	00274 00090 49684 ... 15444 85585 47572	MFSK-16/20Bd	(AB)
XPA2	13994	16-3	1600	Tue	05801 00199 39276 ... 49094 32755 36036	MFSK-16/20Bd	(AB/MPJ)
XPA2	13494	16-3	1620	Tue	05801 00199 39276 ... 49094 32755 36036	MFSK-16/20Bd	(AB/MPJ)
XPA2	12194	16-3	1640	Tue	05801 00199 39276 ... 49094 32755 36036	MFSK-16/20Bd	(AB/MPJ)
XPA2	13931	17-3	0800	Wed	00257 00156 67091 ... 76713 98904 62022	MFSK-16/20Bd	(AB)
XPA2	14831	17-3	0820	Wed	00257 00156 67091 ... 76713 98904 62022	MFSK-16/20Bd	(AB)
XPA2	16131	17-3	0840	Wed	00257 00156 67091 ... 76713 98904 62022	MFSK-16/20Bd	(AB)
XPA2	18333	17-3	0910	Wed	00523 00122 55672 ... 07757 98280 02300	MFSK-16/20Bd	(AB-RUS)
XPA2	16345	17-3	0930	Wed	00523 00122 55672 ... 07757 98280 02300	MFSK-16/20Bd	(AB-RUS)
XPA2	14838	17-3	0950	Wed	00523 00122 55672 ... 07757 98280 02300	MFSK-16/20Bd	(AB-RUS)
XPA2	15861	17-3	1100	Wed	07862 00084 27680 ... 16077 28638 31420	MFSK-16/20Bd	(AB/RL/HFD)
XPA2	14431	17-3	1120	Wed	07862 00084 27680 ... 16077 28638 31420	MFSK-16/20Bd	(AB/RL/HFD)
XPA2	13431	17-3	1140	Wed	07862 00084 27680 ... 16077 28638 31420	MFSK-16/20Bd	(AB/RL/HFD)
XPA2	12139	17-3	1200	Wed	09807 00012 82697 48945 47176 99550 21802 82636 60209 24980 24230 44932 80164 96171 31446	MFSK-16/20Bd	(AB)
XPA2	13539	17-3	1220	Wed	09807 00012 82697 48945 47176 99550 21802 82636 60209 24980 24230 44932 80164 96171 31446	MFSK-16/20Bd	(AB)
XPA2	14639	17-3	1240	Wed	09807 00012 82697 48945 47176 99550 21802 82636 60209 24980 24230 44932 80164 96171 31446	MFSK-16/20Bd	(AB/RL)
XPA2	16261	18-3	0910	Thu	00575 00185 29297 ... 93337 56473 54063	MFSK-16/20Bd	(AB)
XPA2	15961	18-3	0930	Thu	00575 00185 29297 ... 93337 56473 54063	MFSK-16/20Bd	(AB)
XPA2	14861	18-3	0950	Thu	00575 00185 29297 ... 93337 56473 54063	MFSK-16/20Bd	(AB)
XPA2	15861	18-3	1100	Thu	07862 00084 27680 ... 16077 28638 31420	MFSK-16/20Bd	(AB/RL)
XPA2	14431	18-3	1120	Thu	07862 00084 27680 ... 16077 28638 31420	MFSK-16/20Bd	(AB/RL)
XPA2	13431	18-3	1140	Thu	07862 00084 27680 ... 16077 28638 31420	MFSK-16/20Bd	(AB/RL)
XPA2	13994	18-3	1600	Thu	05801 00199 39276 ... 49094 32755 36036	MFSK-16/20Bd	(AB/MPJ)
XPA2	13494	18-3	1620	Thu	05801 00199 39276 ... 49094 32755 36036	MFSK-16/20Bd	(AB/MPJ)
XPA2	12194	18-3	1640	Thu	05801 00199 39276 ... 49094 32755 36036	MFSK-16/20Bd	(AB/MPJ)
XPA2	14639	19-3	1100	Fri	00627 00111 10249 ... 44068 82526 67721	MFSK-16/20Bd	(AB)
XPA2	13539	19-3	1120	Fri	00627 00111 10249 ... 44068 82526 67721	MFSK-16/20Bd	(AB/RL)
XPA2	12139	19-3	1140	Fri	00627 00111 10249 ... 44068 82526 67721	MFSK-16/20Bd	(AB)
XPA2	12139	19-3	1200	Fri	09807 00012 82697 48945 47176 99550 21802 82636 60209 24980 24230 44932 80164 96171 31446	MFSK-16/20Bd	(AB)
XPA2	13539	19-3	1220	Fri	09807 00012 82697 48945 47176 99550 21802 82636 60209 24980 24230 44932 80164 96171 31446	MFSK-16/20Bd	(AB)
XPA2	14639	19-3	1240	Fri	09807 00012 82697 48945 47176 99550 21802 82636 60209 24980 24230 44932 80164 96171 31446	MFSK-16/20Bd	(AB/RL)
XPA2	16261	20-3	0910	Sat	00575 00185 29297 ... 93337 56473 54063	MFSK-16/20Bd	(AB)

XPA2	15961	20-3	0930	Sat	00575 00185 29297 ... 93337 56473 54063	MFSK-16/20Bd	(AB)
XPA2	14861	20-3	0950	Sat	00575 00185 29297 ... 93337 56473 54063	MFSK-16/20Bd	(AB)
XPA2	12163	20-3	1600	Sat	00139 00271 14444 ... 25009 02840 51146	MFSK-16/20Bd	(AB)
XPA2	10863	20-3	1620	Sat	00139 00271 14444 ... 25009 02840 51146	MFSK-16/20Bd	(AB)
XPA2	9393	20-3	1640	Sat	00139 00271 14444 ... 25009 02840 51146	MFSK-16/20Bd	(AB)
XPA2	13384	21-3	1200	Sun	00274 00090 49684 ... 15444 85585 47572	MFSK-16/20Bd	(AB/MPJ)
XPA2	13461	21-3	1220	Sun	00274 00090 49684 ... 15444 85585 47572	MFSK-16/20Bd	(AB/MPJ)
XPA2	14984	21-3	1240	Sun	00274 00090 49684 ... 15444 85585 47572	MFSK-16/20Bd	(AB/MPJ)
XPA2	13931	22-3	0800	Mon	00257 00156 67091 ... 76713 98904 62022	MFSK-16/20Bd	(AB)
XPA2	14831	22-3	0820	Mon	00257 00156 67091 ... 76713 98904 62022	MFSK-16/20Bd	(AB)
XPA2	16131	22-3	0840	Mon	00257 00156 67091 ... 76713 98904 62022	MFSK-16/20Bd	(AB)
XPA2	18333	22-3	0910	Mon	00523 00122 55672 ... 07757 98280 02300	MFSK-16/20Bd	(AB-RUS)
XPA2	16345	22-3	0930	Mon	00523 00122 55672 ... 07757 98280 02300	MFSK-16/20Bd	(AB-RUS)
XPA2	14838	22-3	0950	Mon	00523 00122 55672 ... 07757 98280 02300	MFSK-16/20Bd	(AB-RUS)
XPA2	12163	22-3	1600	Mon	01004 00001 00000 33251	MFSK-16/20Bd	(AB/MPJ)
XPA2	10863	22-3	1620	Mon	01004 00001 00000 33251	MFSK-16/20Bd	(AB/MPJ)
XPA2	9393	22-3	1640	Mon	01004 00001 00000 33251	MFSK-16/20Bd	(AB/MPJ)
XPA2	14639	23-3	1100	Tue	06209 00191 45578 ... 29407 87358 53771	MFSK-16/20Bd	(AB/RL)
XPA2	13539	23-3	1120	Tue	06209 00191 45578 ... 29407 87358 53771	MFSK-16/20Bd	(AB/RL)
XPA2	12139	23-3	1140	Tue	06209 00191 45578 ... 29407 87358 53771	MFSK-16/20Bd	(AB)
XPA2	13384	23-3	1200	Tue	00633 00028 99143 ... 00726 76281 25155	MFSK-16/20Bd	(AB/MPJ)
XPA2	13461	23-3	1220	Tue	00633 00028 99143 ... 00726 76281 25155	MFSK-16/20Bd	(AB/MPJ)
XPA2	14984	23-3	1240	Tue	00633 00028 99143 ... 00726 76281 25155	MFSK-16/20Bd	(AB/MPJ)
XPA2	13994	23-3	1600	Tue	07344 00001 00000 34663	MFSK-16/20Bd	(AB/MPJ)
XPA2	13494	23-3	1620	Tue	07344 00001 00000 34663	MFSK-16/20Bd	(AB/MPJ)
XPA2	12194	23-3	1640	Tue	07344 00001 00000 34663	MFSK-16/20Bd	(AB/MPJ)
XPA2	13931	24-3	0800	Wed	00257 00156 67091 ... 76713 98904 62022	MFSK-16/20Bd	(AB-RUS)
XPA2	14831	24-3	0820	Wed	00257 00156 67091 ... 76713 98904 62022	MFSK-16/20Bd	(AB-RUS)
XPA2	16131	24-3	0840	Wed	00257 00156 67091 ... 76713 98904 62022	MFSK-16/20Bd	(AB-RUS)
XPA2	18333	24-3	0910	Wed	00523 00122 55672 ... 07757 98280 02300	MFSK-16/20Bd	(AB-RUS)
XPA2	16345	24-3	0930	Wed	00523 00122 55672 ... 07757 98280 02300	MFSK-16/20Bd	(AB-RUS)
XPA2	14838	24-3	0950	Wed	00523 00122 55672 ... 07757 98280 02300	MFSK-16/20Bd	(AB-RUS)
XPA2	15861	24-3	1100	Wed	07862 00084 27680 ... 16077 28638 31420	MFSK-16/20Bd	(AB-RUS)
XPA2	14431	24-3	1120	Wed	07862 00084 27680 ... 16077 28638 31420	MFSK-16/20Bd	(AB-RUS/RL)
XPA2	13431	24-3	1140	Wed	07862 00084 27680 ... 16077 28638 31420	MFSK-16/20Bd	(AB-RUS/RL)
XPA2	12139	24-3	1200	Wed	00218 00036 67863 ... 09999 07833 05141	MFSK-16/20Bd	(AB-RUS/MPJ)
XPA2	13539	24-3	1220	Wed	00218 00036 67863 ... 09999 07833 05141	MFSK-16/20Bd	(AB/MPJ)
XPA2	14639	24-3	1240	Wed	00218 00036 67863 ... 09999 07833 05141	MFSK-16/20Bd	(AB/MPJ)
XPA2	16261	25-3	0910	Thu	09943 00001 00000 37265	MFSK-16/20Bd	(AB)
XPA2	15961	25-3	0930	Thu	09943 00001 00000 37265	MFSK-16/20Bd	(AB)
XPA2	14861	25-3	0950	Thu	09943 00001 00000 37265	MFSK-16/20Bd	(AB)
XPA2	15861	25-3	1100	Thu	07862 00084 27680 ... 16077 28638 31420	MFSK-16/20Bd	(AB/MPJ/RL)

XPA2	14431	25-3	1120	Thu	07862 00084 27680 ... 16077 28638 31420	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	13431	25-3	1140	Thu	07862 00084 27680 ... 16077 28638 31420	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	13994	25-3	1600	Thu	08849 00001 00000 41664	MFSK-16/20Bd	(AB/MPJ)
XPA2	13494	25-3	1620	Thu	08849 00001 00000 41664	MFSK-16/20Bd	(AB/MPJ)
XPA2	12194	25-3	1640	Thu	08849 00001 00000 41664	MFSK-16/20Bd	(AB/MPJ)
XPA2	14639	26-3	1100	Fri	06209 00191 45578 ... 29407 87358 53771	MFSK-16/20Bd	(AB/MPJ)
XPA2	13539	26-3	1120	Fri	06209 00191 45578 ... 29407 87358 53771	MFSK-16/20Bd	(AB/MPJ)
XPA2	12139	26-3	1140	Fri	06209 00191 45578 ... 29407 87358 53771	MFSK-16/20Bd	(AB/MPJ)
XPA2	12139	26-3	1200	Fri	00218 00036 67863 ... 09999 07833 05141	MFSK-16/20Bd	(AB-RUS)
XPA2	13539	26-3	1220	Fri	00218 00036 67863 ... 09999 07833 05141	MFSK-16/20Bd	(AB)
XPA2	14639	26-3	1240	Fri	00218 00036 67863 ... 09999 07833 05141	MFSK-16/20Bd	(AB)
XPA2	16261	27-3	0910	Sat	02868 00001 00000 41260	MFSK-16/20Bd	(AB)
XPA2	15961	27-3	0930	Sat	02868 00001 00000 41260	MFSK-16/20Bd	(AB)
XPA2	14861	27-3	0950	Sat	02868 00001 00000 41260	MFSK-16/20Bd	(AB)
XPA2	12163	27-3	1600	Sat	02231 00001 00000 32655	MFSK-16/20Bd	(AB/MPJ)
XPA2	10863	27-3	1620	Sat	02231 00001 00000 32655	MFSK-16/20Bd	(AB/MPJ)
XPA2	9393	27-3	1640	Sat	02231 00001 00000 32655	MFSK-16/20Bd	(AB/MPJ)
XPA2	13384	28-3	1200	Sun	00633 00028 99143 ... 00726 76281 25155	MFSK-16/20Bd	(AB)
XPA2	13461	28-3	1220	Sun	00633 00028 99143 ... 00726 76281 25155	MFSK-16/20Bd	(AB)
XPA2	14984	28-3	1240	Sun	00633 00028 99143 ... 00726 76281 25155	MFSK-16/20Bd	(AB)
XPA2	13931	29-3	0800	Mon	06093 00144 46190 ... 40389 88416 73531	MFSK-16/20Bd	(AB)
XPA2	14831	29-3	0820	Mon	06093 00144 46190 ... 40389 88416 73531	MFSK-16/20Bd	(AB)
XPA2	16131	29-3	0840	Mon	06093 00144 46190 ... 40389 88416 73531	MFSK-16/20Bd	(AB)
XPA2	18333	29-3	0910	Mon	05581 00001 00000 33255	MFSK-16/20Bd	(AB-RUS)
XPA2	16345	29-3	0930	Mon	05581 00001 00000 33255	MFSK-16/20Bd	(AB-RUS)
XPA2	14838	29-3	0950	Mon	05581 00001 00000 33255	MFSK-16/20Bd	(AB-RUS)
XPA2	12163	29-3	1600	Mon	00486 00255 39789 ... 34921 42523 74042	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	10863	29-3	1620	Mon	00486 00255 39789 ... 34921 42523 74042	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	9393	29-3	1640	Mon	00486 00255 39789 ... 34921 42523 74042	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	14639	30-3	1100	Tue	06209 00191 45578 ... 29407 87358 53771	MFSK-16/20Bd	(AB)
XPA2	13539	30-3	1120	Tue	06209 00191 45578 ... 29407 87358 53771	MFSK-16/20Bd	(AB/RL)
XPA2	12139	30-3	1140	Tue	06209 00191 45578 ... 29407 87358 53771	MFSK-16/20Bd	(AB/RL)
XPA2	13384	30-3	1200	Tue	00633 00028 99143 ... 00726 76281 25155	MFSK-16/20Bd	(AB)
XPA2	13461	30-3	1220	Tue	00633 00028 99143 ... 00726 76281 25155	MFSK-16/20Bd	(AB/RL)
XPA2	14984	30-3	1240	Tue	00633 00028 99143 ... 00726 76281 25155	MFSK-16/20Bd	(AB/RL)
XPA2	13994	30-3	1600	Tue	00134 00228 88709 ... 38205 60548 27167	MFSK-16/20Bd	(AB/MPJ)
XPA2	13494	30-3	1620	Tue	00134 00228 88709 ... 38205 60548 27167	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	12194	30-3	1640	Tue	00134 00228 88709 ... 38205 60548 27167	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	13931	31-3	0800	Wed	06093 00144 46190 ... 40389 88416 73531	MFSK-16/20Bd	(AB)
XPA2	14831	31-3	0820	Wed	06093 00144 46190 ... 40389 88416 73531	MFSK-16/20Bd	(AB)
XPA2	16131	31-3	0840	Wed	06093 00144 46190 ... 40389 88416 73531	MFSK-16/20Bd	(AB)
XPA2	18333	31-3	0910	Wed	01390 00001 00000 32662	MFSK-16/20Bd	(AB)



<b>XPA2</b>	16345	31-3	0930	Wed	01390 00001 00000 32662	MFSK-16/20Bd	(AB)
<b>XPA2</b>	14838	31-3	0950	Wed	01390 00001 00000 32662	MFSK-16/20Bd	(AB)
<b>XPA2</b>	15861	31-3	1100	Wed	03792 00001 00000 35664	MFSK-16/20Bd	(AB/MPJ/RL)
<b>XPA2</b>	14431	31-3	1120	Wed	03792 00001 00000 35664	MFSK-16/20Bd	(AB/MPJ/RL)
<b>XPA2</b>	13431	31-3	1140	Wed	03792 00001 00000 35664	MFSK-16/20Bd	(AB/MPJ/RL)
<b>XPA2</b>	12139	31-3	1200	Wed	09773 00001 00000 36270	MFSK-16/20Bd	(AB)
<b>XPA2</b>	13539	31-3	1220	Wed	09773 00001 00000 36270	MFSK-16/20Bd	(AB)
<b>XPA2</b>	14639	31-3	1240	Wed	09773 00001 00000 36270	MFSK-16/20Bd	(AB)
<b>XPB1</b>	18253	1-3	1100	Mon	Russian intel.	MFSK-16	(AB-RUS/MPJ/HFD-RUS)
<b>XPB1</b>	17453	1-3	1110	Mon	Russian intel.	MFSK-16	(AB-RUS/MPJ/HFD-RUS)
<b>XPB1</b>	15953	1-3	1120	Mon	Russian intel.	MFSK-16	(AB/MPJ/HFD-RUS)
<b>XPB1</b>	14953	1-3	1130	Mon	Russian intel.	MFSK-16	(AB/MPJ/HFD)
<b>XPB1</b>	14353	1-3	1140	Mon	Russian intel.	MFSK-16	(AB/MPJ/HFD)
<b>XPB1</b>	13553	1-3	1150	Mon	Russian intel.	MFSK-16	(AB/MPJ/HFD)
<b>XPB1</b>	14362	2-3	0610	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	14862	2-3	0620	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	15962	2-3	0630	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	16262	2-3	0640	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	17462	2-3	0650	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	9181	2-3	2000	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	7881	2-3	2010	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	6881	2-3	2020	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	5881	2-3	2030	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	5181	2-3	2040	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4581	2-3	2050	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	18253	6-3	1100	Sat	Russian intel.	MFSK-16	(AB/MPJ)
<b>XPB1</b>	17453	6-3	1110	Sat	Russian intel.	MFSK-16	(AB/MPJ)
<b>XPB1</b>	15953	6-3	1120	Sat	Russian intel.	MFSK-16	(AB/MPJ)
<b>XPB1</b>	14953	6-3	1130	Sat	Russian intel.	MFSK-16	(AB/MPJ)
<b>XPB1</b>	14353	6-3	1140	Sat	Russian intel.	MFSK-16	(AB/MPJ)
<b>XPB1</b>	13553	6-3	1150	Sat	Russian intel.	MFSK-16	(AB/MPJ)
<b>XPB1</b>	9181	7-3	2000	Sun	Russian intel.	MFSK-16	(AB/RL)
<b>XPB1</b>	7881	7-3	2010	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	6881	7-3	2020	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	5881	7-3	2030	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	5181	7-3	2040	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	4581	7-3	2050	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	13562	8-3	0600	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	14362	8-3	0610	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	14862	8-3	0620	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	15962	8-3	0630	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	16262	8-3	0640	Mon	Russian intel.	MFSK-16	(AB)

XPB1	17462	8-3	0650	Mon	Russian intel.	MFSK-16	(AB)
XPB1	18253	8-3	1100	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	17453	8-3	1110	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	15953	8-3	1120	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14953	8-3	1130	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14353	8-3	1140	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13553	8-3	1150	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13562	9-3	0600	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14362	9-3	0610	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14862	9-3	0620	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15962	9-3	0630	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16262	9-3	0640	Tue	Russian intel.	MFSK-16	(AB)
XPB1	17462	9-3	0650	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9181	9-3	2000	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	7881	9-3	2010	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	6881	9-3	2020	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5881	9-3	2030	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5181	9-3	2040	Tue	Russian intel.	MFSK-16	(AB)
XPB1	4581	9-3	2050	Tue	Russian intel.	MFSK-16	(AB)
XPB1	18253	13-3	1100	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	17453	13-3	1110	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	15953	13-3	1120	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14953	13-3	1130	Sat	Russian intel.	MFSK-16	(AB/MPJ/RL)
XPB1	14353	13-3	1140	Sat	Russian intel.	MFSK-16	(AB/MPJ/RL)
XPB1	13553	13-3	1150	Sat	Russian intel.	MFSK-16	(AB/MPJ/RL)
XPB1	9181	14-3	2000	Sun	Russian intel.	MFSK-16	(AB)
XPB1	7881	14-3	2010	Sun	Russian intel.	MFSK-16	(AB)
XPB1	6881	14-3	2020	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5881	14-3	2030	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5181	14-3	2040	Sun	Russian intel.	MFSK-16	(AB)
XPB1	4581	14-3	2050	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13562	15-3	0600	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	14362	15-3	0610	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	14862	15-3	0620	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	15962	15-3	0630	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	16262	15-3	0640	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	17462	15-3	0650	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	18253	15-3	1100	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	17453	15-3	1110	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	15953	15-3	1120	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14953	15-3	1130	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14353	15-3	1140	Mon	Russian intel.	MFSK-16	(AB/MPJ)

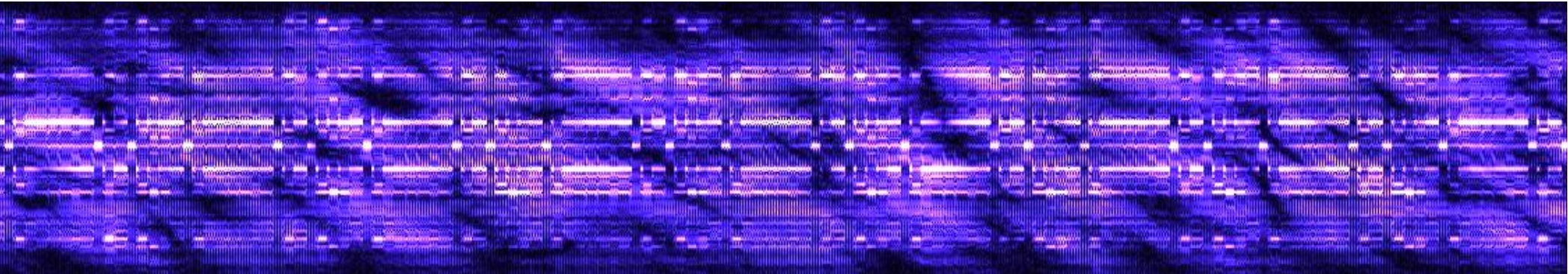


XPB1	13553	15-3	1150	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13562	16-3	0600	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14362	16-3	0610	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14862	16-3	0620	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15962	16-3	0630	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16262	16-3	0640	Tue	Russian intel.	MFSK-16	(AB)
XPB1	17462	16-3	0650	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9181	16-3	2000	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7881	16-3	2010	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6881	16-3	2020	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5881	16-3	2030	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5181	16-3	2040	Tue	Russian intel.	MFSK-16	(AB)
XPB1	4581	16-3	2050	Tue	Russian intel.	MFSK-16	(AB)
XPB1	18253	20-3	1100	Sat	Russian intel.	MFSK-16	(AB-RUS/MPJ)
XPB1	17453	20-3	1110	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	15953	20-3	1120	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14953	20-3	1130	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14353	20-3	1140	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13553	20-3	1150	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	9181	21-3	2000	Sun	Russian intel.	MFSK-16	(AB)
XPB1	7881	21-3	2010	Sun	Russian intel.	MFSK-16	(AB)
XPB1	6881	21-3	2020	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5881	21-3	2030	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5181	21-3	2040	Sun	Russian intel.	MFSK-16	(AB)
XPB1	4581	21-3	2050	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13562	22-3	0600	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14362	22-3	0610	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14862	22-3	0620	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15962	22-3	0630	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16262	22-3	0640	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17462	22-3	0650	Mon	Russian intel.	MFSK-16	(AB)
XPB1	18253	22-3	1100	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17453	22-3	1110	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15953	22-3	1120	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14953	22-3	1130	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14353	22-3	1140	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13553	22-3	1150	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13562	23-3	0600	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14362	23-3	0610	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14862	23-3	0620	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15962	23-3	0630	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16262	23-3	0640	Tue	Russian intel.	MFSK-16	(AB)

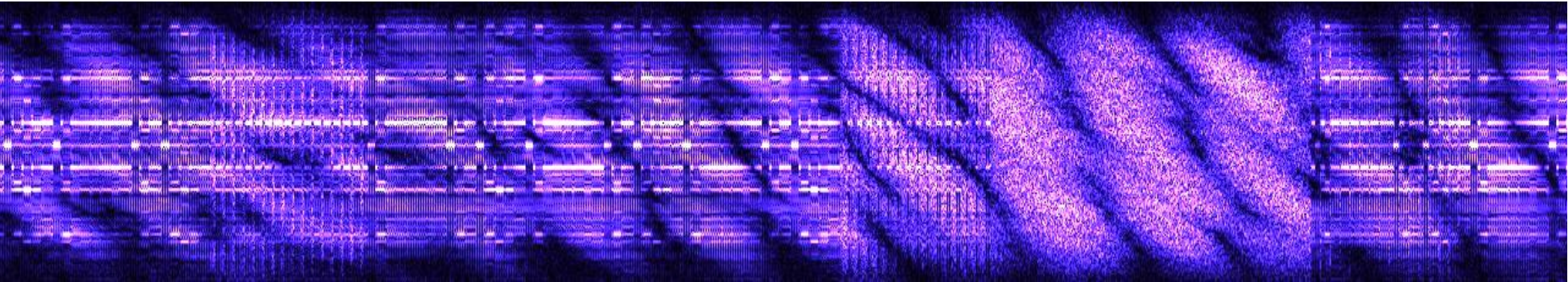
XPB1	17462	23-3	0650	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9181	23-3	2000	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	7881	23-3	2010	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6881	23-3	2020	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	5881	23-3	2030	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5181	23-3	2040	Tue	Russian intel.	MFSK-16	(AB)
XPB1	4581	23-3	2050	Tue	Russian intel.	MFSK-16	(AB)
XPB1	18253	27-3	1100	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	17453	27-3	1110	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	15953	27-3	1120	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14953	27-3	1130	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14353	27-3	1140	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13553	27-3	1150	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	9181	28-3	2000	Sun	Russian intel.	MFSK-16	(AB)
XPB1	7881	28-3	2010	Sun	Russian intel.	MFSK-16	(AB)
XPB1	6881	28-3	2020	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5881	28-3	2030	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5181	28-3	2040	Sun	Russian intel.	MFSK-16	(AB)
XPB1	4581	28-3	2050	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13562	29-3	0600	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14362	29-3	0610	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14862	29-3	0620	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15962	29-3	0630	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16262	29-3	0640	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17462	29-3	0650	Mon	Russian intel.	MFSK-16	(AB)
XPB1	18253	29-3	1100	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	17453	29-3	1110	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	15953	29-3	1120	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14953	29-3	1130	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14353	29-3	1140	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13553	29-3	1150	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13562	30-3	0600	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14362	30-3	0610	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14862	30-3	0620	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15962	30-3	0630	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16262	30-3	0640	Tue	Russian intel.	MFSK-16	(AB)
XPB1	17462	30-3	0650	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9181	30-3	2000	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	7881	30-3	2010	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6881	30-3	2020	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	5881	30-3	2030	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5181	30-3	2040	Tue	Russian intel.	MFSK-16	(AB)



<b>XPB1</b>	4581	30-3	2050	Tue	Russian intel.	MFSK-16	(AB)
<b>XSL</b>	4231.5	17-3	0557	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	4291	17-3	0557	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	6250	17-3	0557	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	6417	17-3	0557	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	6445	17-3	0557	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	8313	17-3	0557	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
<b>XSL</b>	8587.5	17-3	0557	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)



XSL – Japanese Navy idle signal



XSL – Japanese Navy idle signal and a data transmission

## CONTRIBUTORS

AB	Ary Boender, Netherlands
AB-ATN	Ary Boender via remote rx Bonaire
AB-D	Ary Boender via remote rx Germany
AB-DOM	Ary Boender via remote rx Dominican Rep.
AB-GRC	Ary Boender via remote rx Greece
AB-HNG	Ary Boender via remote rx Hungary
AB-J	Ary Boender via remote rx Japan
AB-KWT	Ary Boender via remote rx Kuwait
AB-POL	Ary Boender via remote rx Poland
AB-QAT	Ary Boender via remote rx Qatar
AB-ROU	Ary Boender via remote rx Romania
AB-RUS	Ary Boender via remote rx Russia
AB-UKR	Ary Boender via remote rx Ukraine
AB-USA	Ary Boender via remote rx USA
AnEur	Anonymous Europe
BR	Brian Rogers, UK
Dan	Daniel LU5EMM, Argentina
Danix	Danix, Poland
ES	Edward Smith, UK
ES-HOL	Edward Smith via remote rx Netherlands
EW	Eddy Waters, Australia
F5JBR	F5JBR André, France
GHn	Gary Hagermann, UK
Gwr	Gwraspe
HFD	Hans-Friedrich Dumrese, Germany
HFD-CHN	Hans-Friedrich Dumrese via remote rx China
HFD-I	Hans-Friedrich Dumrese via remote rx Italy
HFD-J	Hans-Friedrich Dumrese via remote rx Japan
HFD-POL	Hans-Friedrich Dumrese via remote rx Poland
HFD-RUS	Hans-Friedrich Dumrese via remote rx Russia
HFD-UKR	Hans-Friedrich Dumrese via remote rx Ukraine
HK	Hiroyuki Komatsubara, Japan
HS	Hugh Stegman, USA
JPL	JPL, NB, Canada (and various remote rx)
JPL-RUS	JPL via remote rx Russia
Kalv	Kalvados
MPJ	Jim, SW England
MPJ-HNG	Jim via remote rx Hungary
MPJ-HOL	Jim via remote rx Netherlands
MPJ-POL	Jim via remote rx Poland
RL	Roberto Landolpho, Brazil
RL-HOL	Landolpho via remote rx Netherlands
RR2	Rich Ray, IL, USA
Tom	Tom, Lincs, UK

## Designators

### Prefixes

E	English language
F	FSK (Frequency Shift Keying) modes
G	German language
HM	Hybrids of analog and digital modes
M(C)	Morse code (Chinese)
P	QPSK (Quadrature Phase Shift Keying) and BPSK (Binary Phase-Shift keying) modes
Q	4+4 QPSK mode
S	Slavic languages
UM(C)	Unid Morse station (Chinese)
V	Voice broadcasts in other languages
VC	Voice Chinese
XP	MFSK (polytone) modes

### Active voice stations

Code	Language	Origin	Related stations
E06	English	Russia	G06, S06, S06b, S06c, M14, F01, F06, F06a
E07	English	Russia	E07a, V07, M12, XPA1, XPA2, XPB1
E07a	English	Russia	E07, V07, M12, XPA1, XPA2, XPB1
E11	English	Poland	E11a, S11a, F03, P03
E11a	English	Poland	E11, S11a, F03, P03
E17z	English	Ukraine	S06s
E25	English	Egypt	E25a
E25a	English	Egypt	E25
G06	German	Russia	E06, S06, S06b, S06c, M14, F01, F06, F06a
S06	Russian	Russia	E06, G06, S06b, S06c, M14, F01, F06, F06a
S06b	Russian	Russia	E06, G06, S06, S06c, M14, F01, F06, F06a
S06c	Russian	Russian	E06, G06, S06, S06b, M14, F01, F06, F06a
S06s	Russian	Ukraine	E17z
S11a	Russian	Poland	E11, E11a, F03, P03
S25	Russian	Russia	
V07	Spanish	Russia	E07, M12, XPA1, XPA2, XPB1
V13	Mandarin	Taiwan	
V15	Korean	North Korea	
V24	Korean	South Korea	
V26	Chinese	China	M95, Q26
V28	Korean	North Korea	
VC01	Chinese	China	VC03, MC03
VC03	Chinese	China	VC01, MC03

### Active morse stations

Code	Mode	Origin	Related stations
M01	Morse	Russia	M01a
M01a	Morse	Russia	M01
M12	Morse	Russia	E07, V07, XPA1, XPA2, XPBa
M14	Morse	Russia	E06, G06, S06, S06b, S06c, F01, F06, F06a
M21	Morse	Russia	M41
M22	Morse	Israel	
M23	Morse	France	
M41	Morse	Russia	M21
M51a	Morse	France	M51b
M51b	Morse	France	M51a
M89	Morse	China	
M95	Morse	China	V26, Q26
MC03	Morse	China	VC01, VC03
UM03	Morse	China	
UM10	Morse	?	



## Active digital stations

Code	Mode	Origin	Related stations
F01	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F06, F06a
F03	2FSK, 4FSK	Poland	E11, E11a, S11a, P03
F06	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F01, F06a
F06a	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F01, F06
HM01	Voice/RDFT	Cuba	
M42	Various	Russia	
P03	BPSK, QPSK	Poland	E11, E11a, S11a, F03
Q26	4+4 QPSK	China	V26, M95
XPA	MFSK-20	Russia	E07, V07, M12, XPA2, XPB1
XPA2	MFSK-16	Russia	E07, V07, M12, XPA1, XPB1
XPB	MFSK-16	Russia	E07, V07, M12, XPA1, XPA2

## Figures and words used by the various numbers stations

### Cut numbers

Several stations are using cut numbers. Often only the zero which is represented by the letter “T”.

M89 and M95 cut numbers    A   U   3   4   5   6   7   D   N   T  
    1   2   3   4   5   6   7   8   9   0

M08a cut numbers            A   N   D   U   W   R   I   G   M   T  
    1   2   3   4   5   6   7   8   9   0

Figure	English	French	German	Mandarin	Spanish	Russian	Arabic
0	Zero	Zero	Null	Ling	Cero	Null	Sifr
1	One	Un	Eins	Yi	Uno	Odín	Wahid
2	Two	Deux	Zwei	Er	Dos	Dva	Itnien
3	Three	Trois	Drei	San	Tres	Tri	Talata
4	Four	Quatre	Vier	Si	Cuatro	Chety're	Arba`a
5	Five	Cinq	Fünf	Wu	Cinco	Pyat'	Xamsa
6	Six	Six	Sechs	Liu	Seis	Shest'	Sitta
7	Seven	Sept	Sieben	Qi	Siete	Sem'	Sab`a
8	Eight	Huit	Acht	Ba	Ocho	Vósem'	Tamanya
9	Nine	Neuf	Neun	Jiu	Nueve	Dévyat'	Tiss`a

Figure	Morse	Vietnamese	E17z	S11a	G06	E11
0	— — — — —	Số không	Zero	Nul	Null	Zero
1	. — — — —	Một	Van	Adinka	Eins	One
2	.. — — —	Hai	To	Dwojka	Twso	Two
3	... — —	Ba	Fwee	Trojka	Drei	Three
4	.... —	Bô'n	Fo	Cienciorka	Vier	Four
5	.....	Năm	Fav	Pietiorka	Funuf	Fiver
6	— ....	Sáu	Six	Szest	Sechs	Six
7	— — ...	Ba y	Seven	Siem	Sieben	Seven
8	— — — ..	Tám	Eight	Wosiem	Acht	Eight
9	— — — — .	Chín	Nine	Diewiet	Neugen	Niner
=	— . . . —					
/	— . . . .					

Word	E11a	S11a	M03
Attention	Attention	Vnimanye	
Slash /	Oblique	Cirta	— . . . .
Out	Out	Konets	

Note: M03 and M08a are defunct.

## Morse characters

A	. -	1	. ----
B	- ...	2	.. ----
C	- . - .	3	... --
D	- . .	4	.... -
E	.	5	.....
F	.. - .	6	- ....
G	-- .	7	-- ...
H	....	8	--- ..
I	..	9	---- .
J	. ----	0	-----
K	- . -		
L	. - . .		
M	--		
N	- .		
O	---		
P	. - - .		
Q	- - . -		
R	. - .		
S	...		
T	-		
U	.. -		
V	... -		
W	. - -		
X	- . . -		
Y	- . - -		
Z	- - . .		

### Accented letters

Ä	. - . -
Á	. - - . -
CH	----
É	. - . . .
Ö	--- .
Ü	. - - -

Full stop (period) [.]	. - . - . -
Comma [,]	-- . . --
Colon [:]	--- ...
Question mark [?]	. . -- . .
Exclamation mark [!]	- . . . -
Apostrophe [']	. - - - - .
Dash or Hyphen [-]	- .... -
Slash [/]	- . . - .
Left-hand bracket [(]	- . -- .
Right-hand bracket [)]	- . -- . -
Quotation marks [" "]	. - . . .
Equals sign [BT =]	- . . . -
Understood	... - .
Plus sign [+]	. - . . .
Invitation to transmit	- . -
Wait [AS]	. - . . .
End of Transmission [SK, VA]	. . . - . -
End of message [AR]	. - . . .
Starting signal	- . . . -
Multiplication sign [×]	- . . -
At sign [@]	. - - . - .
Break [BK]	- . . . - . -
Ampersand [&]	. - . . .

See also

<http://udxf.nl/Morse-document.pdf>

<http://udxf.nl/Russian.pdf>



## COLOPHON

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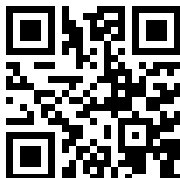
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HF UNDERGROUND	<a href="http://www.hfunderground.com/board/">http://www.hfunderground.com/board/</a>
PRIYOM	<a href="http://priyom.org/">http://priyom.org/</a>
ENIGMA	<a href="http://www.signalshed.com/">http://www.signalshed.com/</a>
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976 27364 92886 89428 61288 74982 36498 32764 81276 81  
986 48932 70987 32123 49817 26346 81287 65491 87364 81  
721 75654 55656 12737 72727 72727 91918 63473 67867 70  
723 87629 37677 32612 53498 71296 28756 18276 98716 87  
7269 76329 74698 76857 98678 27681 56781 57681 73648 1  
7591 87364 87265 96718 27638 12673 84769 28743 98127 5  
758 63298 75698 27465 87326 49876 28376 81273 98615 86  
67 87432 74328 78674 29867 32867 67867 86786 43276 486  
67 68768 68763 34234 34238 68768 62342 48273 48768 230  
736 98432 32432 86743 43286 43286 43286 43286 43286 432  
743 86743 86743 39867 32867 86743 43286 43286 43243 86  
751 86743 86743 86743 86743 86743 86743 86743 86743 86  
753 98798 98754 98754 98754 98754 29867 67543 67986 86  
756 87698 69876 87698 69876 87612 12341 34867 86798 652  
867 43298 65656 56756 56123 32143 14321 32143 14321 321  
867 87287 58765 76587 58765 76587 58765 76587 58756 765  
867 86743 86743 86743 86743 86743 86743 86743 86743 86

N&O



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